VOLUME XLIII WHOLE NOS. 349-355

THE JOHNS HOPKINS UNIVERSITY CIRCULAR

1924

BALTIMORE
THE JOHNS HOPKINS PRESS
1924

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New Series, 1924
No. 1

Whole Number 349

THE

JOHNS HOPKINS

UNIVERSITY CIRCULAR

UNIVERSITY REGISTER

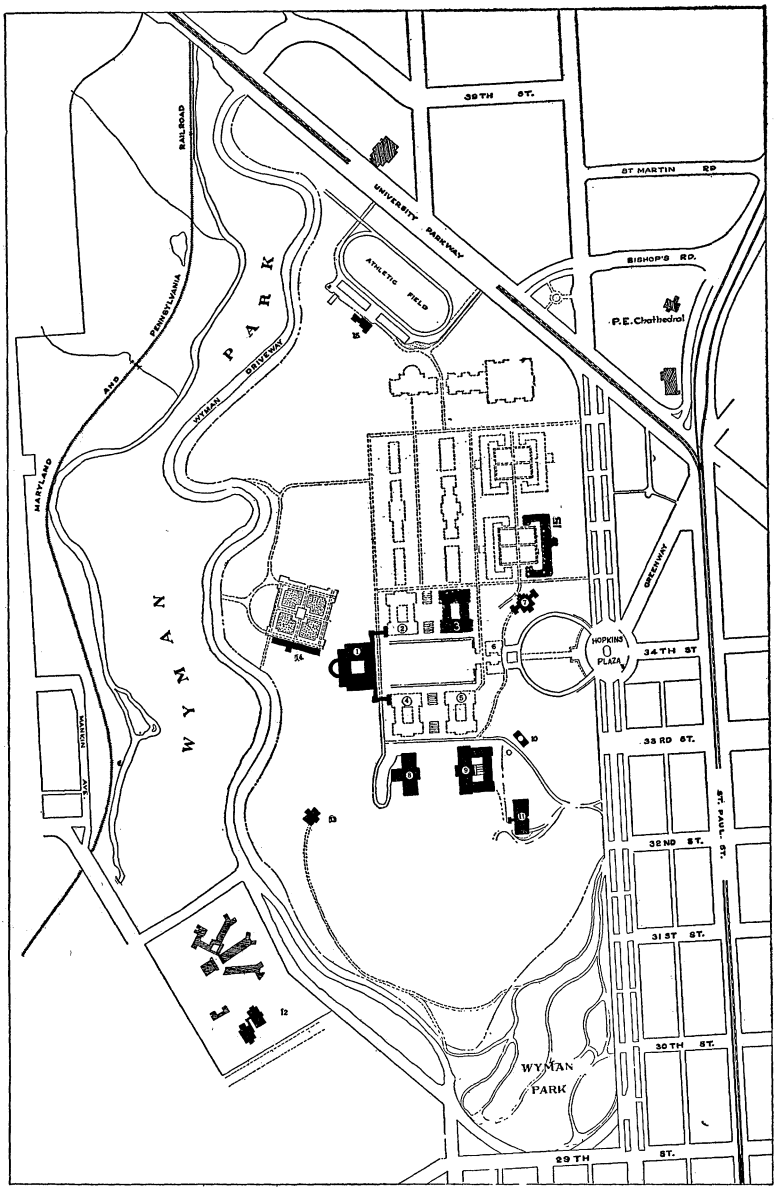
1923-1924

BALTIMORE, MARYLAND
PUBLISHED BY THE UNIVERSITY
ISSUED JANUARY, MARCH, APRIL, JUNE, JULY, OCTOBER, NOVEMBER

JANUARY, 1924

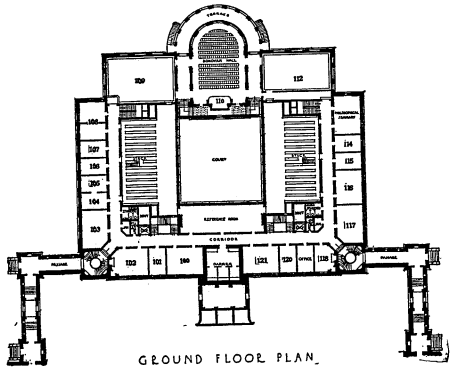
Entered, October 21, 1903, at Baltimore, Md., as second-class matter, under Act of Congress of July 16, 1894

Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917. Authorized on July 3, 1918

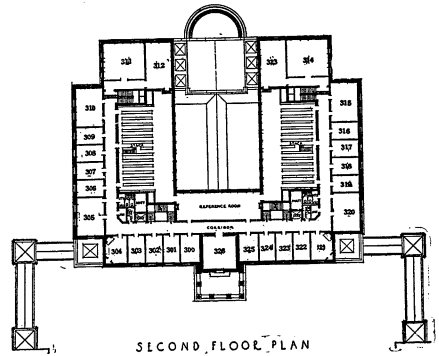


PLAN OF HOPKINS GROUNDS AT HOMEWOOD

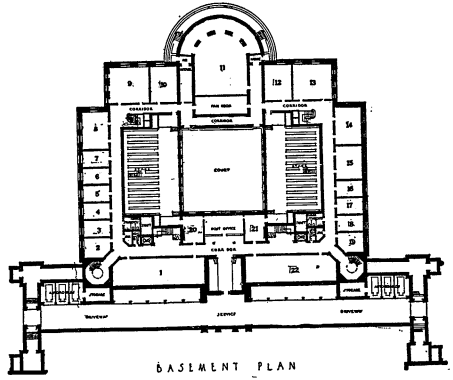
1. Gilman Hall. 3. Chemical Laboratory. 7. Hopkins Club. 8. Civil Engineering Building. 9. Mechanical and Electrical Building. 10. Students' Building. 11. Power House. 14. Botany and Plant Physiology. 15. Alumni Memorial Dormitory.



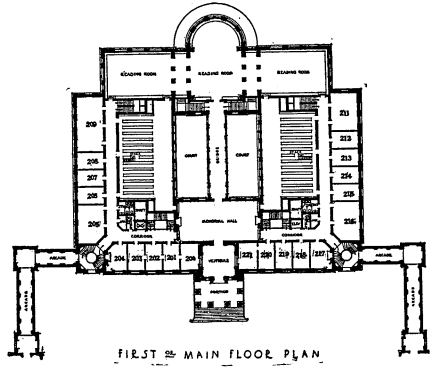
GROUND FLOOR PLAN



SECOND FLOOR PLAN



BASEMENT PLAN



FIRST OR MAIN FLOOR PLAN

GILMAN HALL

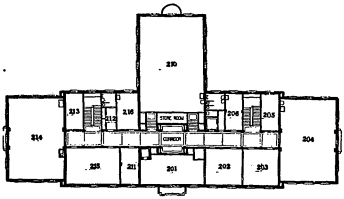
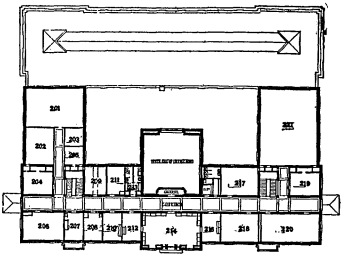


FIGURE 14.—CIVIL ENGINEERING BUILDING, SECOND FLOOR PLAN



MECHANICAL FLOOR PLAN -

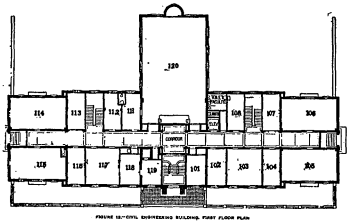
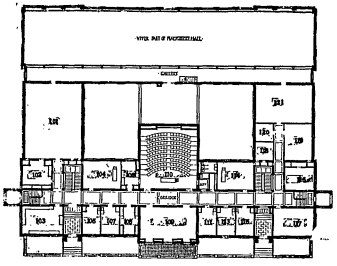


FIGURE 13.—CIVIL ENGINEERING BUILDING, FIRST FLOOR PLAN



FIRST FLOOR PLAN -

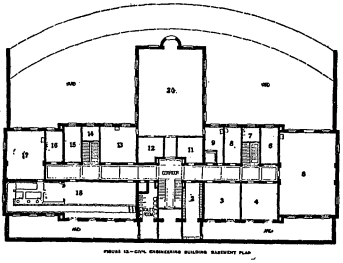
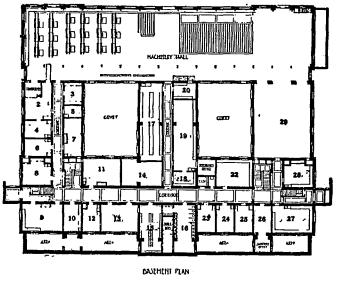


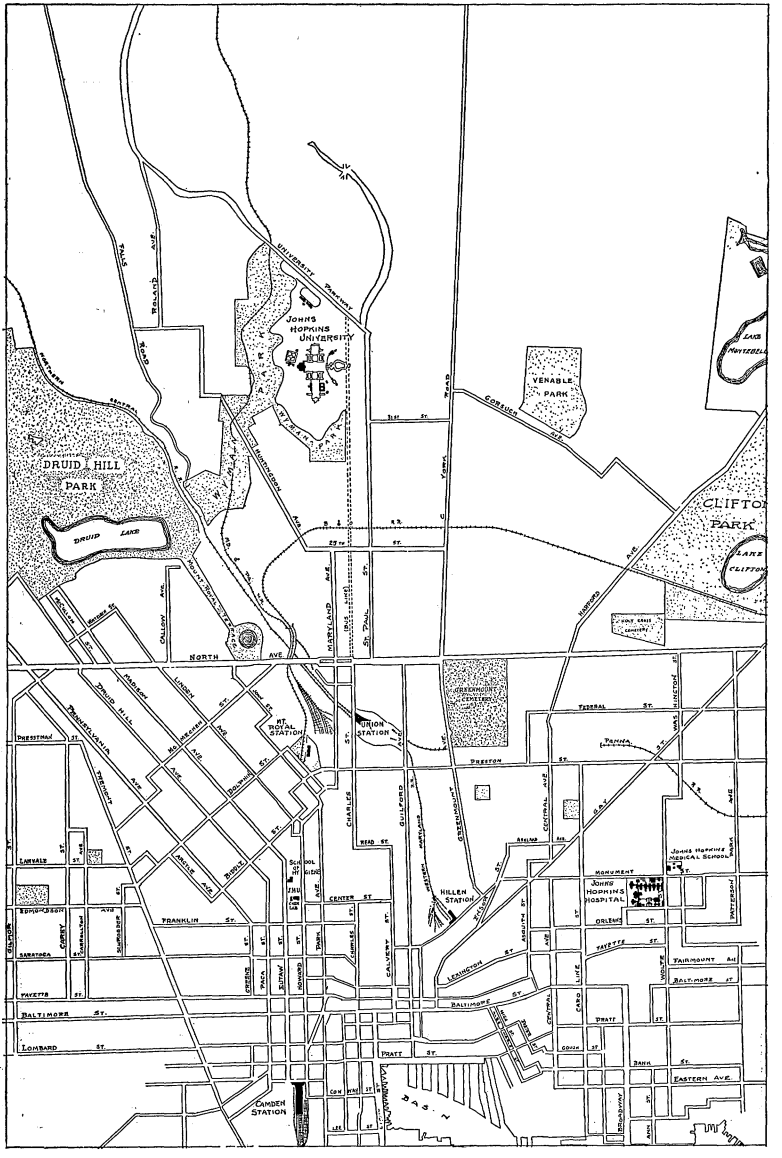
FIGURE 12.—CIVIL ENGINEERING BUILDING, BASEMENT PLAN

CIVIL ENGINEERING BUILDING



BASEMENT PLAN

MECHANICAL-ELECTRICAL BUILDING



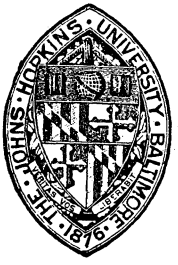
LOCATION OF HOPKINS BUILDINGS AND STREETS WITH CAR LINES

UNIVERSITY REGISTER

1923-1924

WITH ANNOUNCEMENTS FOR

1924-1925



BALTIMORE
THE JOHNS HOPKINS PRESS
1924

CALENDAR, 1924–25

1924

January 28—February 5, Monday–Tuesday—Undergraduate Examinations.
February 22, Friday—Commemoration Day. Public exercises at 11 a. m.; all classes suspended.
April 17-23, Thursday–Wednesday—Easter Recess.
May 26–June 3, Monday–Tuesday—Undergraduate Examinations begin.
June 10, Tuesday—Conferring of Degrees (4 p. m.)
July 7, Monday—Summer Session opens.
July 4, Wednesday—Independence Day; classes suspended.
August 15, Friday—Summer Session closes.
September 15-18, Monday–Thursday—Entrance Examinations.
September 19, Friday—Competitive Examinations for Scholarships.
September 30, Tuesday—Instruction begins.
October 6, Monday—Evening Courses for Technical Workers begin.
October 6, Monday—College Courses for Teachers begin.
October 13, Monday—Evening Courses in Business Economics begin.
November 27, Thursday—Thanksgiving Day. All classes suspended.
December 24, Wednesday—Christmas recess begins (8.30 a. m.)
December 25, Thursday—Christmas Day.

1925

January 2, Friday—Instruction resumed (8.30 a. m.)
January 26—February 3, Monday–Tuesday—Undergraduate Examinations.
February 23, Monday—Commemoration Day. Public exercises at 11 a. m.; all classes suspended.
April 9-15, Thursday–Wednesday—Easter Recess.
May 25–June 2, Monday–Tuesday—Undergraduate Examinations.
May 30, Saturday—College Courses for Teachers close.
June 9, Tuesday—Conferring of Degrees (4 p. m.)
June 29, Monday—Summer Session opens.
August 7, Friday—Summer Session closes.
September 14-17, Monday–Thursday—Entrance Examinations.
September 18, Friday—Competitive Examinations for Scholarships.
September 29, Tuesday—Instruction begins.

THE

JOHNS HOPKINS

UNIVERSITY CIRCULAR

New Series, 1924, No. 1. JANUARY, 1924 Whole Number, 349

HISTORICAL STATEMENT

The Johns Hopkins University was founded by a merchant of Baltimore, Johns Hopkins (1795-1873), who bequeathed the greater part of his estate for the establishment of a university and a hospital. The University was incorporated August 24, 1867, the certificate of incorporation reading as follows:

CERTIFICATE OF INCORPORATION

Know all men by these presents, that we, Thomas M. Smith, William Hopkins, Lewis N. Hopkins, John W. Garrett, Alan P. Smith, John Fonerden, George W. Dobbin, George M. Gill, Andrew Sterett Ridgely, Thomas Donaldson, James A. L. McClure and Charles J. M. Gwinn, being citizens of the United States of America, and of the State of Maryland, and being desirous to form a corporation for the purpose of organizing a "University" for the promotion of education in the State of Maryland, do hereby declare and certify that we do, by this statement of writing, and by virtue of and under the provisions of an Act of the General Assembly of Maryland, passed at the January session thereof in the year eighteen hundred and sixty-seven, and being the Act of eighteen hundred and sixty-seven, chapter three hundred and seventy-nine, form a corporation, under the name of "The Johns Hopkins University," for the promotion of education in the State of Maryland, which shall be governed and controlled by twelve Trustees, who shall manage the concerns thereof, and which said twelve Trustees shall be Francis T. King, Lewis N. Hopkins, Thomas M. Smith, William Hopkins, John Fonerden,* John W. Garrett, Francis White, Charles J. M. Gwinn, Galloway Cheston, George W. Dobbin, Reverdy Johnson, junior, and George William Brown, and which said University shall be located in Baltimore County, in the State of Maryland.

* On the death of John Fonerden, James Carey Thomas was elected to fill the vacancy.

Witness our hands and seals, set hereto on this twenty-fourth day of August, in the year eighteen hundred and sixty-seven.

THOMAS M. SMITH,	(Seal)
WILLIAM HOPKINS,	(Seal)
LEWIS N. HOPKINS,	(Seal)
JOHN W. GARRETT,	(Seal)
ALAN P, SMITH,	(Seal)
JOHN FONERDEN,	(Seal)
GEORGE W. DOBBIN,	(Seal)
GEORGE M. GILL,	(Seal)
ANDREW STERETT RIDGELY,	(Seal)
THOMAS DONALDSON,	(Seal)
JAMES A. L. MCCLURE,	(Seal)
CHARLES J. M. GWINN,	(Seal)

Witness: ALLEN E. FORRESTER.

The following amendments to the charter have been enacted by the State Legislature:

I

AN ACT to grant certain additional powers to "The Johns Hopkins University," a corporation incorporated under the General Laws of Maryland.

SECTION 1. Be it enacted by the General Assembly of Maryland, That "The Johns Hopkins University," a corporation duly incorporated by certificate recorded in the office of the Clerk of the Circuit Court for Baltimore County, shall have power to establish branches of the said University in the City of Baltimore, to hold, or to purchase and hold, all property in said City needed for the successful conducting of the branches of the said University in said City, and to keep and maintain a principal office in said City for the conduct of the business of the said University.

SECTION 2. And be it enacted, That the said "Johns Hopkins University" shall have power to admit students of the said University, who shall merit the distinction, to the office and profession of Surgeon, or to the degree of Doctor of Medicine, or of Doctor of Laws, or of Bachelor or Master of Arts; to grant to students in said University such certificates of proficiency and attainments in any special study as the said University may see proper to confer; and to grant the honorary degrees of Doctor of Laws, Doctor of Medicine, and Master of Arts, or such other degrees as may be proper, to any person who may merit such distinction, whether such person be a student of said University or not.

SECTION 3. And be it enacted, That this Act shall take effect from its passage.

Approved March 22, 1876.

II

AN ACT to authorize the Trustees of the Johns Hopkins University, a corporation incorporated under the General Laws of Maryland, to make and constitute the President for the time being of the University and each of his successors in said office, during their respective terms thereof, a member ex-officio of the Board of Trustees of the Johns Hopkins University, in addition to the number of twelve Trustees of said University now authorized by law.

SECTION 1. Be it enacted by the General Assembly of Maryland, That the Trustees of the Johns Hopkins University, a corporation duly incorporated by certificate under the General Laws of Maryland, be and they are hereby authorized and empowered to make and constitute the President for the time being of the Johns Hopkins University and each of his successors in said office during their respective terms thereof, a member ex-officio of said Board of

Trustees in addition to the number of twelve Trustees of said University now authorized by law.

SECTION 2. And be it enacted that this Act shall take effect from the date of its passage.

Approved April 4, 1892.

As stated in the foregoing certificate, the corporate name of the institution is "The Johns Hopkins University."

The Board of Trustees organized June 13, 1870, and held their first business meeting February 6, 1874. The founder died December 24, 1873, in the seventy-ninth year of his age—having been born May 19, 1795. The election of a President of the University took place December 30, 1874, the choice falling upon Daniel Coit Gilman, at that time President of the University of California. President Gilman was inaugurated February 22, 1876, and instruction began October 3, following. The Johns Hopkins Hospital was dedicated May 7, 1889, and this paved the way for the opening of the medical school of the University four years later (October 1, 1893).

President Gilman resigned his office February 22, 1901, after a service of twenty-five years, and he was succeeded by Dr. Ira Remsen, Professor of Chemistry in the University, whose election took place June 3, 1901. On the twenty-first and twenty-second of February, 1902, the University celebrated the completion of twenty-five years of work, and President Remsen was inaugurated.

On the 10th of April, 1912, Dr. Remsen offered his resignation of the office of President, and this was, with reluctance, accepted by the Board of Trustees. He consented, however, to discharge the duties of the office until his successor should be chosen; but it seemed to him best, in the middle of the following year, partly because of an ailment requiring a surgical operation, to request relief. The Trustees then appointed an Administrative Committee of the Faculty, to whom, for the time being, was entrusted the performance of the duties of the presidential office. The committee was composed of Professor William H. Welch, Chairman; Professors Joseph S. Ames, William B. Clark, Basil L. Gildersleeve, Edward H. Griffin, William H. Howell, and Westel W. Willoughby,—Dr. Griffin acting as Executive Secretary.

The third President of the University is Frank Johnson Goodnow, LL. D., who was elected by the Trustees February 23, 1914. Dr. Goodnow was a member of the Faculty of Columbia University from 1883 to 1914, and spent the year 1913-14 in China as constitutional adviser to the Chinese Government. He assumed his official duties as President October 1, 1914.

The work of the University began in two houses at the corner of Howard and Little Ross streets, in Hopkins Hall, and in a chemical laboratory on Little Ross street — the last two buildings having been erected by the Trustees. As the need arose, other buildings were constructed—including a considerable addition to the chemical laboratory, a biological laboratory, a physical laboratory, a gymnasium, a home for

the Young Men's Christian Association (the gift of Mr. Eugene Levering), and finally McCoy Hall, a large central building containing offices of administration, assembly room, the general library, and numerous smaller rooms for seminaries, department libraries, classes in languages, history, etc. These buildings, excepting the chemical laboratory, were vacated in the summer of 1916. A fire destroyed McCoy and Levering Halls and the gymnasium on the evening of November 27, 1919. The medical school is housed in another section of the city, adjacent to the Johns Hopkins Hospital, with which it is closely associated in accordance with the expressed wish of the founder.

The Hospital occupies a commanding site facing North Broadway. The buildings include a central structure chiefly devoted to administration, large private wards, a considerable number of separate buildings containing the public wards, a large dispensary building, a surgical building and amphitheatre, a pathological institute, and a nurses' home. The Harriet Lane Home for Invalid Children, the Phipps Psychiatric Clinic, the Phipps Dispensary for the Treatment of Tuberculosis, and the Brady Urological Clinic are important adjuncts of the Hospital and are situated within its grounds. A new pathological building was completed in November, 1923, and a building for the Women's Clinic was completed in January, 1924.

In 1902 it was announced that a suburban site had been given to the University by Messrs. William Wyman, William Keyser, Francis M. Jencks, Julian LeRoy White, and William H. Buckler, of Baltimore, and Samuel Keyser, of New York. This site comprised originally one hundred and seventy-six acres of land within the city limits, about two miles directly north of the Washington Monument. Fifty-six acres have been deeded to the city for a public park. The hope was expressed by the donors that the sum of one million dollars would be contributed by the friends of the University within a certain time, to be added to the permanent endowment funds of the University. This hope was realized July 1, 1902. The development of the new site was begun and has continued as the necessary funds have been received. A general scheme of arrangement of the future buildings was adopted, as the result of a competition by selected architects. Laboratories for Botany and Plant Physiology and a greenhouse were first erected, and a fine athletic field was provided. A laboratory for mechanical and electrical engineering was completed and occupied in 1914 and a civil engineering building in 1916, at which time also Gilman Hall was occupied. The latter had been completed a year earlier. The removal to the new site was accomplished during the summer of 1916, and instruction, excepting that in graduate Chemistry, is now given at "Homewood." Gilman Hall contains the general library and the non-laboratory departments, as well as the offices of administration. Plans for the physical laboratory are completed. Work on the new chemical laboratory was begun in the summer of 1923 and is expected to be completed June, 1924. Plans for the geological laboratory are progressing. Temporary quarters are provided for three of the laboratory

subjects pending the erection of the respective buildings. Zoology and Botany (in part) are housed in the basement of Gilman Hall; Physics occupies a portion of two floors in the Mechanical and Electrical Building; and Geology is quartered in the Civil Engineering Building. The home of one of the original owners of the land, erected early in the last century, is occupied by the Johns Hopkins Club. The first unit in the proposed dormitory system, "The Alumni Memorial Dormitory," made possible by a fund raised by the Alumni, was completed and ready for occupancy in September, 1923.

The original endowment of the University amounted to somewhat over $3,000,000. This has been supplemented by a large number of gifts, including the Endowment Fund of 1902 ($1,000,000), the John W. McCoy Fund ($500,000), the Women's Medical School Fund ($100,000), the Mary Elizabeth Garrett Fund ($307,000), the Adoniram J. Robinson Fund ($42,000), the Herbert B. Adams Fund ($42,000), the Johnston Scholarship Fund ($90,000), the Caroline Donovan Fund ($100,000), the H. Willis Baxley Fund ($50,000), the Charles L. Marburg Fund ($50,000), the Herter Lectureship Fund ($25,000), the Beall Memorial Fund ($107,000), the George Huntington Williams Memorial Fund ($20,000), the John Black Fund ($173,000), the Mary King Carey Fund ($210,000), the W. H. Collins Vickers Fund ($85,000), the William H. Grafflin Fund ($150,000), the Grafflin Memorial Fund ($360,000), the Mergenthaler Memorial Fund ($200,000), the William A. Marburg Memorial Fund ($40,000), the Jessie Gillender bequest ($110,000), the Edward Revere Osler Fund ($32,000), the Edward Scott Linton Fund ($5,000), the Charles A. W. Vogeler Memorial Fund ($5,000), the De Lamar Fund ($3,500,000), the fund for Art as Applied to Medicine ($110,000), the James Schouler Lectureship Fund ($25,000), the Creswell Memorial Fund ($20,000), the Phipps Psychiatric Fund ($2,000,000), the Kenneth Dows Tuberculosis Research Fund ($17,500), and other gifts and bequests.

The Endowment and Extension Fund of 1910 was started in June, 1909, when the General Education Board offered to contribute to the University the sum of $250,000 towards the endowment, provided the institution should secure, on or before December 31, 1910, a supplemental sum of $750,000 in cash or pledges. Under the terms of this offer one-half of the million dollars thus acquired was to be added to the permanent endowment, the remainder to be used in the construction of buildings. A General Committee was organized in the summer of 1910, and, aided, by an Alumni Committee, a Citizens' Committee, and a Ladies' Committee, secured by the end of the year pledges for $940,000, more than sufficient to meet the condition imposed by the General Education Board.

By Act of the Legislature of Maryland, at its session of 1912, the sum of $600,000 was appropriated for the purpose of constructing and equipping a building for a school of technology as a department of the University, with an annual appropriation of $50,000 for maintenance. For this department there have been erected buildings for Civil, Mechanical and Electrical Engineering, and a power house from which are supplied

heat, light, and power for all the University buildings at Homewood. Instruction began in October, 1913.

The State Legislature has granted an annual appropriation of $25,000 for general purposes for 1923 and for 1924, in addition to the sum of $50,000, already mentioned, for the Department of Engineering. In return the University offers 129 scholarships to Maryland students in the Department of Engineering and assists the teachers of Maryland who may attend the Summer Courses.

In July, 1914, the General Education Board deposited with the University securities valued at approximately $1,400,000, to establish the "William H. Welch Endowment for Clinical Education and Research." The purpose of this endowment is to aid in reorganizing clinical teaching in the departments of medicine, surgery, and pediatrics, so that the entire time of the teaching staff can be devoted to the work, precisely as in the departments teaching the underlying sciences. The placing of these clinical departments upon the full University basis constitutes one of the most important advances in the teaching of clinical medicine, and is expected to have far-reaching effects. In 1917 the Board voted an additional $350,000,—the income from $100,000 to be used for the extension of the full-time work in Pediatrics, the income from $250,000 for enlarging and broadening the usefulness of the laboratory departments. In 1922 the Board provided for the establishment of the Department of Obstetrics on the full-time basis by appropriating $400,000 for that purpose.

In June, 1916, the Rockefeller Foundation of New York notified the President of the University that the Foundation was prepared "to cooperate with the University in the establishment of a School of Hygiene and Public Health for the advancement of knowledge and the training of investigators, teachers, officials, and other workers in these fields." This offer was accepted by the University, and on June 12, 1916, the President of the University made the formal announcement that the Board of Trustees had authorized the establishment of a School of Hygiene and Public Health as part of the University. Instruction was begun October, 1918, in the former physical laboratory building on West Monument Street. As the work expanded the former biological laboratory building was occupied, as well as a private dwelling on Saint Paul Street. Until February, 1922, the Foundation paid to the University the expenses of the School as incurred, estimated at $250,000 per year. On February 24, 1922, the Foundation generously gave $5,000,000 as a permanent endowment to provide $250,000 per year in lieu of its former obligation. At the same time an appropriation of $1,000,000 was made for building purposes. A tract of land for the new building, adjoining the Medical School and the Johns Hopkins Hospital, has been acquired, and plans for the building are in process of completion.

The income-bearing funds of the University have a book value of $18,818,400.95; the plant, books, scientific apparatus, and general equipment are valued at $4,269,338.70. The assets have thus a total value of more than $23,000,000.

BOARD OF TRUSTEES

R. Brent Keyser, *President*
Eugene Levering
Theodore Marburg
Blanchard Randall
Henry D. Harlan, *Secretary*
Miles White, Jr.
B. Howell Griswold, Jr.
John Glenn, Jr.
Frederick W. Wood
Daniel Willard
Newton D. Baker
J. Hall Pleasants
The President of the University, *ex officio*

COMMITTEES

Executive Committee

Blanchard Randall
Miles White, Jr.
B. Howell Griswold, Jr.
John Glenn, Jr.
J. Hall Pleasants
The President of the University, *ex officio*

Finance Committee

Miles White, Jr.
Eugene Levering
Blanchard Randall
B. Howell Griswold, Jr.
John Glenn, Jr.

Building Committee

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FACULTY*

FRANK JOHNSON GOODNOW, LL. D.

President of the University

A. B., Amherst College, 1879, and A. M., 1887; LL. B., Columbia University, 1882; LL. D., Amherst College, 1897, Columbia University, 1904, Harvard University, 1909, Brown University, 1914, Princeton University, 1917; Professor of Administrative Law, Columbia University, 1887-1914.

[1914]† 6 W. Madison St.

IRA REMSEN, M. D., PH. D., LL. D., *President Emeritus of the University and B. N. Baker Professor Emeritus of Chemistry*

A. B., College of the City of New York, 1865; M. D., Columbia University (College of Physicians and Surgeons, N. Y.), 1867; Ph. D., University of Göttingen, 1870; LL. D., Columbia University, 1893, Princeton University, 1896, Yale University, 1901, University of Toronto, 1902, Harvard University, 1909, Pennsylvania College, 1910, University of Pittsburgh, 1915; D. C. L., University of the South, 1907; Professor of Chemistry in Williams College, 1872-76, and previously Assistant in Chemistry in the University of Tübingen; Foreign Member, Chemical Society of London; Honorary Member, Chemical Society of France; Secretary of the Academic Council, 1887-1901; Director of the Chemical Laboratory, 1876-1908; President of the National Academy of Sciences, 1907-13; Medalist of the Society of Chemical Industry, 1904, and President, 1909-10; Editor of the American Chemical Journal, 1879-1913; Professor of Chemistry, 1876-1913 (B. N. Baker Professor, 1904-1913); President of the University, 1901-1913.

[1876]

*BASIL LANNEAU GILDERSLEEVE, PH. D., LL. D., LITT. D., *Honorary Francis White Professor of Greek*

A. B., Princeton University, 1849, and A. M., 1852; Ph. D., University of Göttingen, 1853; LL. D., College of William and Mary, 1869, Harvard University, 1886, University of Chicago, 1901, Yale University, 1901, University of Pennsylvania, 1911; D. C. L., University of the South, 1884; L. H. D., Princeton University, 1899; Hon. Litt. D. (Cantab.), Hon. Litt. D. (Oxon.), 1905; Professor of Greek in the University of Virginia, 1856-76; Professor of Latin in the University of Virginia, 1861-66; Hon. Member of the Cambridge Philological Society, of the Philological Syllogos of Constantinople, of the Archæological Society of Athens, and of the Society for the Promotion of Hellenic Studies; Corresponding Fellow of the British Academy, 1907; Member of the American Academy of Arts and Letters; Professor of Greek, 1876-1915 (Francis White Professor, 1904-15).

[1876]

PAUL HAUPT, PH. D., LL. D., K. R. E., *W. W. Spence Professor of the Semitic Languages and Director of the Oriental Seminary*

Gymnasium Augustum, Goerlitz; Ph. D., University of Leipzig, 1878; LL. D., University of Glasgow, 1902; Knight of the Royal Prussian Order of the Red Eagle, 1900; Privat-docent in the University of Göttingen, 1880-83, and Professor of Assyriology in the same, 1883-89; Honorary Curator of the Collection of Oriental Antiquities, United States National Museum, Washington, D. C., 1888-98; Honorary Curator of the Division of Historic Archæology, United States National Museum, 1898-1905; Associate in Historic Archæology, United States National Museum, 1905-; Associate of the Society of Oriental Research; Member of the Standing Committee of the International Congress of Orientalists; President of the Society of Biblical Literature and Exegesis, 1905-06; President of the American Oriental Society, 1913-14; President of the Johns Hopkins Philological Association, 1915-16; *Editor of the Assyriological Library and of the Contributions to Assyriology and Comparative Semitic Philology; Editor of the Sacred Books of the Old Testament; Member of the Academic Council.*

[1883] 215 Longwood Rd., Roland Pk.

WILLIAM HENRY WELCH, M. D., SC. D., LL. D., *Director and Head of the Department of Bacteriology and Immunology, School of Hygiene and Public Health*

A. B., Yale University. 1870; M. D., Columbia University (College of Physicians and Surgeons, N. Y.), 1875; M. D. (Hon.), University of Pennsylvania, 1894; LL. D., Western

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* Arranged in groups in the order of appointment in those groups.

† A date in brackets indicates year of appointment to present rank; a second date means year of original appointment, if differing from the former.

* Died, January 10, 1924.

Reserve University, 1894, Yale University, 1896, Harvard University, 1900, University of Toronto, 1903, Columbia University, 1904, Jefferson Medical College, 1907, Princeton University, 1910; Washington University, 1915, and University of Chicago, 1916; Sc D. (Hon.), University of Cambridge, 1923; Hon. Doctor, University of Strasbourg, 1923; Professor of Pathological Anatomy and General Pathology in the Bellevue Hospital Medical College, N. Y., 1879-84; Pathologist to the Johns Hopkins Hospital, and Baxley Professor of Pathology, 1884-1917; Dean of the Medical Faculty, 1889-98; President of the National Academy of Sciences, 1913-1917; President of the Board of Directors of the Rockefeller Institute for Medical Research; President of the American Association for the Advancement of Science, 1906; President of the American Medical Association, 1910-1911; Member of the American Philosophical Society; Hon. Fellow, Royal Sanitary Institute, London; Hon. Member, Société Royale des sciences médicales et naturelles de Bruxelles, 1922.

[1884] 807 St. Paul St.

EDWARD HERRICK GRIFFIN, D. D., LL. D., *Professor Emeritus of the History of Philosophy*

A. B., Williams College, 1862, and A. M., 1865; Union Theological Seminary, N. Y., 1867; D. D., Amherst College, 1880; LL. D., Princeton University, 1888, and Williams College, 1905; Professor of Latin in Williams College, 1872-81, Professor of Rhetoric, 1881-86, and Mark Hopkins Professor of Intellectual and Moral Philosophy, 1886-89; Executive Secretary, Administrative Committee of the Faculty, January 1913-June 1914; Secretary of the Academic Council, 1901-1915; Professor of the History of Philosophy and Dean of the College Faculty, 1889-1915.

[1889] 827 Park Av.

HENRY MILLS HURD, M. D., LL. D., *Professor Emeritus of Psychiatry*

A. B., University of Michigan, 1863, M. D., 1866, A. M., 1870, and LL. D., 1895; Professor of Psychiatry, Johns Hopkins University, 1889-1906; Superintendent of the Eastern Michigan Hospital, 1878-89; Superintendent of the Johns Hopkins Hospital, 1889-1911; Editor of the Johns Hopkins Hospital Bulletin and of the Johns Hopkins Hospital Reports, 1889-1911; *Editor Emeritus of the American Journal of Insanity; Secretary, Board of Trustees of the Johns Hopkins Hospital.*

[1889] 1023 St. Paul St.

HOWARD ATWOOD KELLY, M. D., LL. D., HON. F. R. C. S. (EDIN.), *Professor Emeritus of Gynecology*

A. B., University of Pennsylvania, 1877, and M. D., 1882; LL. D., University of Aberdeen and Washington and Lee University, 1906, University of Pennsylvania, 1907; Associate Professor of Obstetrics, University of Pennsylvania, 1888-89; Professor of Gynecology, Johns Hopkins University, 1889-1919; Honorary Member, Royal Medical Society of Edinburgh; Associate Foreign Member, Society of Obstetrics, Gynecology and Pediatrics, and Chirurgical Society, Paris; Corresponding Member, Obstetrical Society, Leipzig; Fellow, British Gynecological Society; Hon. Fellow, Edinburgh Obstetrical Society, Glasgow Obstetrical and Gynecological Society, Royal Academy of Medicine (Ireland); Hon. Member, Italian Society of Obstetrics and Gynecology, Rome; Hon. Member, Peruvian Surgical Society, 1920; Commander, Order of Leopold II; Gynecologist-in-Chief, Johns Hopkins Hospital, 1889-1919.

[1889] 1418 Eutaw Place

MAURICE BLOOOMFIELD, PH. D., LL. D., L. H. D., *Professor of Sanskrit and Comparative Philology*

A. M., Furman University, 1877; Fellow, Johns Hopkins University, 1878-79, and Ph. D., 1879; LL. D., Princeton University, 1896, Furman University, 1908; L. H. D., University of Chicago, 1916; Honoris causa Doctor in the University of Padua, 1922; Foreign Member, Royal Bohemian Society in Prague, 1896; Honorary Member, Finno-Ugrian Society, Helsingfors, 1898; Member of the International Committee for Congresses on the History of Religions, 1912; Member of the National Institute of Social Sciences, 1914; Fellow of the American Academy of Arts and Sciences, 1914; Hardy Prize of the Royal Bavarian Academy of Sciences in Munich, 1908; President of the American Oriental Society, 1910-11; Associate Editor, *American Journal of Philology; Member of the Academic Council.*

[1891; 1881] Preston Apts.

HENRY WOOD, PH. D., LL. D., K. R. E., *Professor Emeritus of German*

A. B., Haverford College, 1869; Ph. D., University of Leipzig, 1879; LL. D., Wake Forest College, 1914; President of the American Folk-Lore Society, 1898; Knight of the Royal Prussian Order of the Red Eagle, 1910.

[1892; 1881] Potsdam, Germany

JOHN JACOB ABEL, M. D., SC. D., LL. D., *Professor of Pharmacology*

Ph. B., University of Michigan, 1883, A. M. (Hon.), 1903, and Sc. D., 1912, and Sc. D., University of Pittsburgh, 1915; M. D., University of Strassburg, 1888; LL. D., Cambridge, Eng-

land, 1920; Lecturer and Professor of Materia Medica and Therapeutics, University of Michigan, 1890-93; Hon. Member, Philadelphia College of Pharmacy; Corresponding Member, k. k. Gesellschaft der Aerzte, Vienna; Member of the American Philosophical Society; Associate Member, Royal Society of the Medical and Natural Sciences of Brussels; Member of the National Academy of Sciences; Foreign Member, Dutch Society of Scientists; Hon. Member, Society for Biology of Buenos Aires; *Editor of the Journal of Pharmacology and Experimental Therapeutics.*

[1893] Windsor Mill Rd.

WILLIAM HENRY HOWELL, PH. D., M. D., SC. D., LL. D., *Assistant Director and Professor of Physiology, School of Hygiene and Public Health*

A. B., Johns Hopkins University, 1881, Fellow, 1882-84, and Ph. D., 1884; LL. D., Trinity College (Conn.), 1901; Sc. D., Yale University, 1911; M. D. (Hon.), University of Michigan, 1890, and LL. D., 1912; LL. D., Washington University, 1915, University of Edinburgh, 1923; Assistant, Associate, and Associate Professor of Biology, Johns Hopkins University, 1884-89; Lecturer and Professor of Physiology and Histology, University of Michigan, 1889-92; Associate Professor of Physiology, Harvard University, 1892-93; Member of the National Academy of Sciences and of the American Philosophical Society; Dean of the Medical Faculty, 1899-1911, and Professor of Physiology, Medical School, 1893-1920.

[1893; 1884] 232 W. Lanvale St.

JAMES WILSON BRIGHT, PH. D., LL. D., LITT. D., *Caroline Donovan Professor of English Literature*

A. B., Lafayette College, 1877; Fellow, Johns Hopkins University, 1880-82, and Ph. D., 1882; LL. D., Wake Forest College, 1907; Litt. D., Lafayette College, 1907; Hon. Secretary for America (South and West) of the Early English Text Society; *Member of the Advisory Board of Modern Philology; Editor in Chief, Modern Language Notes; Member of the American Philosophical Society; Member of the Academic Council.*

[1893; 1882] 208 W. Monument St.

HERBERT EVELETH GREENE, PH. D., *Collegiate Professor of English*

A. B., Harvard University, 1881, A. M., 1884, and Ph. D., 1888; Professor of English in Wells College, 1891-93.

[1893] 1019 St. Paul St.

LORRAIN SHERMAN HULBURT, PH. D., *Collegiate Professor of Mathematics*

A. B., University of Wisconsin, 1883, and A. M., 1888; Professor of Mathematics, University of South Dakota, 1887-91; Fellow, Clark University, 1891-92; Ph. D., Johns Hopkins University, 1894.

[1897; 1892] Homewood Apts.

JOSEPH SWEETMAN AMES, PH. D., LL. D., *Professor of Physics and Director of the Physical Laboratory*

A. B., Johns Hopkins University, 1886, Fellow, 1887-88, and Ph. D., 1890; LL. D., Washington College, 1907; Harris Lecturer, Northwestern University, 1913; Wilbur Wright Lecturer, Royal Aeronautical Society, London, 1923; Honorary Member of the Royal Institution of Great Britain; Member of the French Physical Society; Member of the National Academy of Sciences; Fellow of the American Academy of Arts and Sciences; Past President, American Physical Society; Member, American Philosophical Society; Member, The Franklin Institute; Trustee of the Bartol Foundation, Philadelphia; Member, National Advisory Committee for Aeronautics; *Collaborating Editor of the Astrophysical Journal; Associate Editor, Journal of the Franklin Institute; Secretary of the Academic Council.*

[1898; 1890] Charlcote Place, Guilford

JOHN WHITRIDGE WILLIAMS, M. D., SC. D., LL. D., *Professor of Obstetrics*

A. B., Johns Hopkins University, 1886; M. D., University of Maryland, 1888, and Sc. D. (Hon.), 1907; Sc. D., Trinity College, Dublin, 1912; LL. D., University of Pittsburgh, 1915; Associate in Obstetrics, Johns Hopkins University, 1893-96, and Associate Professor, 1896-99; Dean of the Medical Faculty, 1911-1923; *Obstetrician-in-Chief.*

[1899; 1893] 107 E. Chase St.

FRANK MORLEY, SC. D., *Professor of Mathematics*

A. B., University of Cambridge, 1883, A. M., 1886, and Sc. D., 1898; Professor in Haverford College, 1888-1900; *Co-editor of the Bulletin of the American Mathematical Society; Editor of the American Journal of Mathematics; Member of the Academic Council.*

[1900] 2026 Park Av.

WILLIAM JULIAN ALBERT BLISS, PH. D., *Collegiate Professor of Physics*

A. B., Harvard University, 1888; Ph. D., Johns Hopkins University, 1894.

[1901; 1890] 1026 N. Calvert St.

HARRY FIELDING REID, PH. D., *Professor of Dynamic Geology and Geography*

A. B., Johns Hopkins University, 1880, Fellow, 1882, and Ph. D., 1885; Professor of Mathematics, 1886-89, and of Physics, 1889-94, Case School of Applied Science; Associate Professor of Physical Geology, University of Chicago, 1895-97; Member of the National Academy of Sciences; Member, National Council of Research.

[1901; 1896] 608 Cathedral St.

ROBERT WILLIAMS WOOD, A. B., LL. D., F. R. S., *Professor of Experimental Physics*

A. B., Harvard University, 1891; LL. D., Clark University, 1909, University of Birmingham, 1913, University of Edinburgh, 1921; Foreign Member, Royal Society of London; Foreign Associate, Accademia dei Lincei, Rome; Honorary Fellow of the Royal Microscopical Society, London; Corresponding Member, British Association; Corresponding Member, Königlichen Gesellschaft der Wissenschaften, Göttingen; Honorary Member, Optical Society, London; Rumford Medalist, American Academy of Arts and Sciences; Gold Medal for Physics in 1918, Societa Italiana della Scienze (dei XL), Rome; Member, National Academy of Sciences; Member, American Philosophical Society; Fellow, American Academy of Arts and Sciences; Instructor and Assistant Professor of Physics, University of Wisconsin, 1897-1901.

[1901] 1011 St. Paul St.

JACOB H. HOLLANDER, PH. D., *Professor of Political Economy*

A. B., Johns Hopkins University, 1891, Fellow, 1893-94, and Ph. D., 1894; Treasurer of the Island of Porto Rico, 1900-01; Special Commissioner Plenipotentiary to Santo Domingo, 1905-06; Financial Adviser of the Dominican Republic, 1908-10; *Member of the Academic Council.*

[1904; 1894] 1802 Eutaw Place

EDWARD BENNETT MATHEWS, PH. D., *Professor of Mineralogy and Petrography*

A. B., Colby University, 1891; Fellow, Johns Hopkins University, 1893-94, and Ph. D., 1894; *State Geologist of Maryland; Member, Advisory Council of the Maryland Department of Forestry; Director of the Maryland State Weather Service; Chairman, Advisory Council, U. S. Board of Surveys and Maps,* 1920–; *President, Association of American State Geologists,* 1921–; *Treasurer, Geological Society of America,* 1917–; *Member of the Academic Council.*

[1904; 1894] Lombardy Apts.

LEWELLYS FRANKLIN BARKER, M. D., LL. D., *Professor Emeritus of Medicine*

M. B., University of Toronto, 1890, and M. D. (Hon.) 1905; LL. D., Queen's University, 1908, and McGill University, 1911; Assistant Resident Physician, Assistant Resident Pathologist, Resident Pathologist, and Physician-in-Chief, the Johns Hopkins Hospital, 1891-1900, 1905-14; Fellow in Pathology, the Johns Hopkins University, 1892-94, Associate in Anatomy, 1894-97, Associate Professor of Anatomy, 1897-99, Associate Professor of Pathology, 1899-1900, Professor of Medicine, 1905-14, Professor of Clinical Medicine, 1914-21; Professor and Head of the Department of Anatomy, University of Chicago, 1900-04, and Professor of Medicine, Rush Medical College, 1904-05; *Visiting Physician.*

[1905; 1894] 1035 N. Calvert St.

WILLIAM SYDNEY THAYER, M. D., LL. D., HON. F. R. C. P. I., *Professor Emeritus of Medicine*

A. B., Harvard University, 1885, and M. D., 1889; LL. D., Washington College, 1907; Honorary Fellow, Royal College of Physicians of Ireland, 1912; Membre associé étranger de l'Académie de médicine, Paris, 1918; Membre correspondant étranger, *honoris causa,* de la Société des hôpitaux de Paris, 1918; Fellow of the Royal Society of Medicine, London, 1909; Honorary member of the Therapeutical Society of Moscow, 1897; Corresponding member of the Gesellschaft für innere Medizin und Kinderheilkunde in Wien; Honorary member of the Royal Society of Medicine of Budapest, 1909; Membre correspondant étranger de la Société medicale des hôpitaux, Lyon, 1914; Membre associé étranger Soc. Royale des sc. méd. et nat. de Bruxelles, 1919; Hon. Fellow, Royal Society of Medicine and Hygiene, 1921; Fellow of American Academy of Arts and Sciences, 1921; Brigadier General, A. M. C., 1918-19; Professor of Clinical Medicine, Johns Hopkins University, 1905-18, Professor of Medicine and Physician-in-Chief, Johns Hopkins Hospital, 1918-1921; *Visiting Physician.*

[1905; 1895] 1208 Eutaw Place

JOHN MARTIN VINCENT, PH. D., LL. D., *Professor of European History*

A. B., Oberlin College, 1883, and A. M., 1888; Ph. D., Johns Hopkins University, 1890; LL. D., Illinois College, 1904, and Oberlin College, 1908; Honorary *Docteur en Droit*, University of Geneva, 1909; Corresponding Member of the *Institut National Genevois* and of the Sociological Society of London; Foreign Member, Japanese Academy of Social Sciences, Tokyo; Fellow, Royal Historical Society, London.

[1905; 1892] 313 Forest Rd., Roland Pk.

WESTEL WOODBURY WILLOUGHBY, PH. D., *Professor of Political Science*

A. B., Johns Hopkins University, 1888, Fellow, 1890-91, and Ph. D., 1891; President, American Political Science Association, 1913; *Managing Editor of the American Political Science Review; Member of the Academic Council.*

[1905; 1894] Carlton Apts.

DUNCAN STARR JOHNSON, PH. D., *Professor of Botany and Director of the Botanical Laboratory and the Botanical Garden*

A. B., Wesleyan University, 1892; Fellow, Johns Hopkins University, 1896-97, Ph. D., 1897, and Bruce Fellow, 1897-98.

[1906; 1898] 23 Merrymount Rd., Roland Pk.

HERMANN COLLITZ, PH. D., L. H. D., *Professor of Germanic Philology*

Gymnasium Johanneum, Lüneburg, 1875; Ph. D., University of Göttingen, 1879; L. H. D., University of Chicago, 1916; Assistant Librarian and Privatdocent, University of Halle, 1883-86; Associate Professor and Professor of Comparative Philology and German, Bryn Mawr College, 1886-1907; *Editor of Hesperia; Associate Editor, American Journal of Philology; Coöperating Editor, Journal of English and Germanic Philology; Member, Joint Committee on Grammatical Nomenclature*, 1913-23.

[1907] 1027 N. Calvert St.

HERBERT SPENCER JENNINGS, PH. D., S. D., LL. D., *Henry Walters Professor of Zoölogy and Director of the Zoölogical Laboratory*

S. B., University of Michigan, 1893; A. M., Harvard University, 1895, and Ph. D., 1896, LL. D., Clark University, 1909; S. D., University of Michigan, 1918; Assistant Professor, University of Michigan, 1900-03, and University of Pennsylvania, 1903-06; Honorary Fellow, Royal Microscopical Society of London; Member of the National Academy of Sciences; and of the American Philosophical Society; Fellow of the American Academy of Arts and Sciences; *Associate Editor of Genetics, of Journal of Experimental Zoology, and of Journal of Comparative Psychology; Member of the Academic Council.*

[1907] 505 Hawthorn Rd., Roland Pk.

WILFRED PIRT MUSTARD, PH. D., D. LITT., *Professor of Latin*

A. B., University of Toronto, 1886, A. M., 1890, and Fellow, University College, 1886-89; Fellow, Johns Hopkins University, 1890-91, and Ph. D., 1891; D. Litt., University of Toronto, 1921; Corresponding Fellow of the Royal Virgilian Academy of Mantua, 1922; Professor of Latin in Colorado College, 1891-93; Instructor in Haverford College, 1893-94, and Professor of Latin, 1894-1907; Collegiate Professor of Latin, Johns Hopkins University, 1907-19; *Associate Editor, American Journal of Philology.*

[1907] 719 Park Av.

EDWARD FRANKLIN BUCHNER, PH. D., *Professor of Education; Director of the Summer Courses and the College Courses for Teachers*

A. B., Leander Clark College, 1889, and A. M., 1892; Ph. D., Yale University, 1893, Lecturer and Instructor in Philosophy and Pedagogy, 1892-97; Professor of Analytical Psychology, New York University, 1896-1901; Docent, Clark University, 1901-03; Professor of Philosophy and Education, University of Alabama, 1903-08; Vice-President and Chairman, Section "L"/(Education), American Association for the Advancement of Science, 1917; *Editor, Johns Hopkins University Studies in Education.*

[1908] 2120 Callow Av.

ETHAN ALLEN ANDREWS, PH. D., *Professor of Zoölogy*

Ph. B., Yale University, 1881; Fellow, Johns Hopkins University, 1884-86, and Ph. D., 1887.

[1908; 1887] 2 E. Lake Av., Govans

WALTER JONES, PH. D., *Professor of Physiological Chemistry*

A. B., Johns Hopkins University, 1888, and Ph. D., 1891; Professor of Natural Science, Wittenberg College, 1891-92; Professor of Analytical Chemistry, Purdue University, 1892-95; Assistant, Johns Hopkins University, 1896-99, Associate, 1899-1901, Associate Professor, 1901-08; Member of the National Academy of Sciences.

[1908; 1896] 2621 St. Paul St.

ADOLF MEYER, M. D., LL. D., *Professor of Psychiatry*

Zürich Gymnasium, 1885; M. D., University of Zürich, 1892; LL. D., University of Glasgow, 1901, and Clark University, 1909; Honorary Fellow and Docent in Neurology, University of Chicago, 1892-95; Pathologist and Director of Clinical Laboratory, Worcester (Mass.) Hospital for the Insane, and Docent in Psychiatry, Clark University, 1895-1902; Director of the Pathological (Psychiatric) Institute, New York State Hospitals, Ward's Island, 1902-10; Professor of Psycho-Pathology, Cornell University, 1904-1909; *Psychiatrist-in-Chief.*

9 Rugby Road, Guilford

BURTON EDWARD LIVINGSTON, PH. D., *Professor of Plant Physiology and Director of the Laboratory of Plant Physiology*

S. B., University of Michigan, 1898; Fellow, University of Chicago, 1899-1902, Ph. D., 1902, Assistant in Plant Physiology, 1902-04, and Associate, 1905; Collaborator, U. S. Bureau of Forestry, 1902; Research Fellow, New York Botanical Garden, 1903; Walker Prizeman, Boston Society of Natural History, 1904; Soil Expert, in charge of the Division of Fertility, U. S. Bureau of Soils, 1904-05; Staff Member, Department of Botanical Research, Carnegie Institution of Washington, 1906-09; Editor-in-Chief, Botanical Abstracts, 1919-21; *Permanent Secretary, American Association for the Advancement of Science,* 1920–.

[1909] Cambridge Apts.

MCKENDREE LLEWELLYN RANEY, PH. D., *Librarian*

A. B., Centre College, 1897; Fellow, Johns Hopkins University, 1901-03, and Ph. D., 1904.

[1909; 1903] 4117 Penhurst Av., W. Arlington

ARTHUR ONCKEN LOVEJOY, A. M., *Professor of Philosophy*

A. B., University of California, 1895; A. M., Harvard University, 1897; Assistant Professor and Associate Professor in Leland Stanford Junior University, 1899-1901; Professor of Philosophy in Washington University, 1901-08, and in the University of Missouri, 1908-10; President, American Association of University Professors, 1919; Mills Lecturer on Philosophy, University of California, 1922-23 (first semester); *Member of the Academic Council.*

[1910] 827 Park Av.

JOHN BOSWELL WHITEHEAD, PH.D., *Professor of Electrical Engineering and Dean of the Engineering Faculty*

Proficient in Applied Electricity, Johns Hopkins University, 1893, A. B., 1898, and Ph. D., 1902; Fellow of the American Institute of Electrical Engineers.

[1910; 1898] 19 W. Cold Spring Lane, Guilford

CHARLES KEPHART SWARTZ, PH. D., *Collegiate Professor of Geology*

A. B., Johns Hopkins University, 1888, Fellow, 1903-04, and Ph. D., 1904.

[1910; 1904] Windsor Park

GEORGE ERNEST BARNETT, PH. D., *Professor of Statistics*

A. B. Randolph-Macon College, 1891; Fellow, Johns Hopkins University, 1899-1900, and Ph. D., 1901.

[1911; 1901] 827 Park Av.

JOHN MILLER TURPIN FINNEY, M. D., HON. F. R. C. S. I., *Professor of Clinical Surgery and Acting Head of the Department of Surgery*

A. B., Princeton University, 1884; M. D., Harvard University, 1888; Honorary Fellow, Royal College of Surgeons of Ireland; Surgeon to the Union Memorial Hospital; Associate and Associate Professor of Surgery, Johns Hopkins University, 1893-1912; Associate in Surgery, Johns Hopkins Hospital, 1891-1912, and Associate Surgeon, 1912-14; *Acting Surgeon-in-Chief.*

[1911; 1893] 1300 Eutaw Place

WINFORD HENRY SMITH, M. D., SC. D., *Director of the Johns Hopkins Hospital*

A. B., Bowdoin College, 1899; M. D., Johns Hopkins University, 1903; Sc. D. (Hon.), Bowdoin College, 1918; Resident Gynecologist, Lakeside Hospital, 1903-1905; Hospital Physician, N. Y. Dept. of Health, 1905-1906; Superintendent, Hartford Hospital, 1906-1909; General Medical Superintendent, Bellevue and Allied Hospitals, New York, 1909-1911.

[1911] The Johns Hopkins Hospital

DAVID MOORE ROBINSON, PH. D., LL. D., *W. H. Collins Vickers Professor of Archæology and Epigraphy and Lecturer on Greek Literature*

A. B., University of Chicago, 1898, Fellow in Greek, 1898-1901, and Ph. D., 1904; LL. D., Jamestown College (N. D.), 1915; Assistant Professor of Greek and Head of the Classical Department, Illinois College, 1904-05; Lecturer in Archæology, Bryn Mawr College, 1911-12; Professor of Classical Archæology and Epigraphy, Johns Hopkins University, 1912-20; American School of Classical Studies, Athens (Fellow, 1902-03, Acting Director and Professor of the Greek Language and Literature, 1909-10); Archæological Institute of America (Recorder 1913, Vice-President, 1914–, General Secretary and Business Manager of the American Journal of Archæology, 1921–); President, College Art Association of America, 1918-23; President, Classical Association of the Atlantic States, 1920; Johns Hopkins Philological Association (Secretary, 1915-20, Vice-President, 1920-21, President, 1921-22); Chairman, Advisory Council, American School of Classical Studies in Rome, 1920; Associate Editor, *Classical Weekly and Art and Archaeology;* Editor-in-Chief, *The Art Bulletin;* Associate Editor, *American Journal of Philology;* Co-editor with Hadzsits of series *"Our Debt to Greece and Rome."*

[1912; 1905] 300 Club Rd., Roland Pk.

JOHN HOWLAND, M. D., *Professor of Pediatrics*

A. B., Yale University, 1894, and A. M. (Hon.), 1914; M. D., New York University, 1897, and Cornell University, 1899; House Officer, Presbyterian Hospital, N. Y., 1897-99, and N. Y. Foundling Hospital, 1899-1900; Pathologist and Assistant Attending Pediatrician, N. Y. Foundling Hospital, 1902-11; Pediatrician in charge Children's Clinic, Bellevue Hospital, 1909-11, and Instructor and Associate in Pediatrics, Columbia University; Professor of Pediatrics, Washington University, St. Louis, 1911-12; Editor, *American Journal of Diseases of Children;* Member of Council of Pharmacy and Chemistry, A. M. A.; Consulting Pediatrician, City Hospital, Bay View; *Director of the Harriet Lane Home and Pediatrician-in-Chief.*

[1912] Oak Place and Charles St., Guilford

WARREN HARMON LEWIS, M. D., *Professor of Physiological Anatomy*

S. B., University of Michigan, 1894, and Assistant in Zoölogy, 1895-96; M. D., Johns Hopkins University, 1900, Assistant, Instructor, and Associate Professor, 1900-1913; Research Associate, Carnegie Institution of Washington.

[1913; 1900] 202 Hawthorn Rd., Roland Pk.

JOSEPH ELLIOTT GILPIN, PH. D., *Collegiate Professor of Chemistry*

A. B., Johns Hopkins University, 1889, and Ph. D., 1892; *Secretary of the Board of Collegiate Studies.*

[1913; 1893] Stony Run Lane

JOHN HOLLADAY LATANÉ, PH. D., LL. D., *Professor of American History and Dean of the College Faculty; Creswell Lecturer on International Law*

A. B., Johns Hopkins University, 1892, and Ph. D., 1895; LL. D., University of Alabama, 1913; Fellow, Royal Historical Society; Albert Shaw Lecturer, 1898; Professor of History and Economics, Randolph-Macon Woman's College, 1898-1902; Professor of History, Washington and Lee University, 1902-13; *Member of the Academic Council.*

[1913] Cecil Apts.

CHARLES WILLIAM EMIL MILLER, PH. D., *Professor of Greek*

A. B., Johns Hopkins University, 1882, Fellow, 1883-85, and Ph. D., 1886; *Secretary of the Board of University Studies; Editor, American Journal of Philology.*

[1915; 1892] 3017 St. Paul St.

KNIGHT DUNLAP, PH. D., *Professor of Experimental Psychology*

Ph. B., University of California, 1899, M. L., 1901, Le Conte Fellow, 1900-01, Assistant and Instructor, 1902-06; Walker Fellow, Harvard University, 1901-02, A. M., 1902, and Ph. D., 1903; President, American Psychological Association, 1921-22; *Editor, Journal of Comparative Psychology and Psychology Classics.*

[1916; 1906] 500 W. Thirty-Third St.

JOSEPH CHRISTIE WHITNEY FRAZER, PH. D., *B. N. Baker Professor of Analytical Chemistry*

S. B., Kentucky State College, 1897, and M. S., 1898; Fellow, Johns Hopkins University, 1900-01, and Ph. D., 1901; Foreign Member, Utrecht Society of Arts and Sciences; *Member of the Academic Council.*

[1916; 1901] Roxbury Pl., Mt. Washington

E. EMMET REID, PH. D., LL. D., *Professor of Organic Chemistry*

A. M., Richmond College, 1894; Fellow, Johns Hopkins University, 1897-98, Ph. D., 1898, Johnston Scholar, 1909-11; Professor of Chemistry, Charleston College, 1898-1901, and Baylor University, 1901-08; LL. D., Richmond College, 1917.

[1916; 1914] 203 E. 33d St.

WILLIAM GEORGE MACCALLUM, M. D., *Baxley Professor of Pathology*

A. B., University of Toronto, 1894; M. D., Johns Hopkins University, 1897, Associate Professor of Pathology, 1900-08, and Professor of Pathological Physiology and Lecturer in Forensic Medicine, 1908-09; Visiting Pathologist, Presbyterian Hospital, New York, and Professor of Pathology, Columbia University, 1908-17; *Pathologist-in-Chief.*

[1917; 1898] 615 St. Paul St.

FLORENCE RENA SABIN, M. D., SC. D., *Professor of Histology*

S. B., Smith College, 1893, Assistant in Zoölogy, 1895-96, and Sc. D., 1910; M. D., Johns Hopkins University, 1900, Assistant, Instructor, Associate, and Associate Professor, 1902-17.

[1917; 1902] 1325 Park Av.

EDWARD WILBER BERRY, *Professor of Paleontology*

[1917; 1906] 19 Elmwood Rd., Roland Pk.

ELMER VERNER MCCOLLUM, PH. D., SC. D., *Professor of Bio-Chemistry, School of Hygiene and Public Health*

A. B., University of Kansas, 1903, and A. M., 1904; Loomis Fellow, Yale University, 1905-1906, and Ph. D., 1906; Sc. D., University of Cincinnati, 1920; Instructor, Assistant Professor, Associate Professor and Professor of Agricultural Chemistry, University of Wisconsin, 1907-1917; Cutter Lecturer on Hygiene and Preventive Medicine, Harvard University, 1917-1918; Member of the National Academy of Sciences; Associate Member, Royal Academy of Medicine of Belgium.

[1917] Talbot Rd., Windsor Hills

RAYMOND PEARL, PH. D., SC. D., LL. D., *Professor of Biometry and Vital Statistics, School of Hygiene and Public Health*

A. B., Dartmouth College, 1899; Ph. D., University of Michigan, 1902; Sc. D., Dartmouth College, 1919; LL. D., University of Maine, 1919; Instructor in Zoölogy, University of Michigan, 1902-1906, and University of Pennsylvania, 1906-07; Biologist of the Maine Agricultural Experiment Station, 1907-18; Chief of the Statistical Division of the United States Food Administration, 1917-19; Member of the National Academy of Sciences and of the American Philosophical Society; Fellow of the American Academy of Arts and Sciences; Knight of the Crown of Italy; *Statistician of The Johns Hopkins Hospital; Professor of Biology, The Johns Hopkins Medical School.*

[1918] 401 Hawthorn Rd., Roland Pk.

SAMUEL OTTMAR MAST, PH. D., *Professor of Zoölogy*

S. B., University of Michigan, 1899; Ph. D., Harvard University, 1906; Instructor and Professor of Biology, Hope College, Mich., 1899-1908; Johnston Scholar, Johns Hopkins University, 1907-08; Cartwright Prizeman, College of Physicians and Surgeons, Columbia University, 1909; Associate Professor of Biology and Professor of Botany, Goucher College, 1908-11.

[1919; 1911] 415 Woodlawn Rd., Roland Pk.

GILBERT CHINARD, L. ÈS L., *Professor of French*

B. ès L., University of Poitiers, 1899; L. ès L., University of Bordeaux, 1902; Professor of French, University of California, 1912-19.

[1919] 627 E. 34th St.

THOMAS STEPHEN CULLEN, M. B., *Professor of Clinical Gynecology*

M. B., University of Toronto, 1890; Assistant Resident, Resident and Associate in Gynecology, the Johns Hopkins Hospital, 1892-1914; Instructor, Associate and Associate Professor of Gynecology, Johns Hopkins University, 1895-1919; *Visiting Gynecologist.*

[1919; 1895] 20 E. Eager St.

TENNEY FRANK, PH. D., *Professor of Latin*

A. B., University of Kansas, 1898, and A. M., 1899; Fellow, University of Chicago, 1899-1901, Assistant and Associate, 1901-04, and Ph. D., 1903; Visiting Professor, American Academy in Rome, 1916-17; Associate and Professor of Latin, Bryn Mawr College, 1904-19; Professor in charge of the Classical School of the American Academy in Rome, 1922-23; *Associate Editor, American Journal of Philology.*

[1919] 110 Elmhurst Rd., Roland Pk.

HENRY CARRINGTON LANCASTER, PH. D., *Professor of French Literature*

A. B. and A. M., University of Virginia, 1903; Fellow, Johns Hopkins University, 1906-07, and Ph. D., 1907; A. M. (Hon.), Amherst College, 1912; Professor of Romance Languages, Amherst College, 1907-19; *Co-Editor of Modern Language Notes,* 1919–, *and of the Publications of the Modern Language Association of America,* 1920-23.

[1919] 604 Edgevale Rd., Roland Pk.

LEWIS HILL WEED, M. D., *Professor of Anatomy and Dean of the Medical Faculty*

A. B., Yale University, 1908, and A. M., 1909; M. D., Johns Hopkins University, 1912, Instructor, Associate, and Associate Professor of Anatomy, 1914-19; in charge of the Laboratory of Surgical Research, Harvard University, 1912-13, and Cabot Fellow, 1913-14; Research Associate, Department of Embryology of the Carnegie Institution of Washington, 1921–

[1919; 1914] Latrobe Apts.

ALEXANDER GRAHAM CHRISTIE, M. E., *Professor of Mechanical Engineering*

Diploma in Engineering, University of Toronto, 1901, and M. E., 1912; Instructor, Cornell University, 1904-05; Associate Professor of Steam and Gas Engineering, University of Wisconsin, 1909-14.

[1920; 1914] Homewood Apts.

JOHN HERBERT GREGORY, S. B., *Professor of Civil and Sanitary Engineering*

S. B., Massachusetts Institute of Technology, 1895; Member, American Society of Civil Engineers; Member, American Public Health Association.

[1920; 1918] 3925 Canterbury Rd., Guilford

WADE HAMPTON FROST, M. D., *Surgeon, U. S. P. H. S.,* Professor of Epidemiology and Head of the Departments of Epidemiology and Public Health Administration, School of Hygiene and Public Health*

A. B. University of Virginia, 1901, and M. D., 1903; Assistant Surgeon and Surgeon, United States Public Health Service, 1905-; Director, Bureau of Sanitary Service, American Red Cross, 1917.

[1921; 1919] Tudor Hall Apts.

CHARLES DAVID SNYDER, PH. D., *Professor of Experimental Physiology*

A. B., Leland Stanford Jr. University, 1896; M. S., University of California, 1904, and Ph. D., 1905; Fellow, Johns Hopkins University, 1907-08, Instructor, Associate, and Associate Professor, 1908-21.

[1921; 1908] 309 Forest Rd., Roland Pk.

FREDERICK HENRY BAETJER, M. D., *Professor of Clinical Roentgenology*

A. B., Johns Hopkins University, 1897, and M. D., 1901; *Visiting Roentgenologist.*

[1921; 1903] 4 E. Madison St.

E. KENNERLY MARSHALL, JR., PH. D., M. D., *Professor of Physiology*

S. B., College of Charleston, 1908; Ph. D., Johns Hopkins University, 1911, M. D., 1917, Assistant, Associate, and Associate Professor, 1911-19; Professor of Pharmacology, Washington University, 1919-21.

[1921; 1911] 3308 Carlisle Av.

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* Detailed by the Surgeon-General of the United States Public Health Service.

ALLEN WEIR FREEMAN, M. D., *Professor of Public Health Administration, School of Hygiene and Public Health*

S. B., Richmond College, 1899; M. D., Johns Hopkins University, 1905; Assistant Commissioner of Health, Virginia, 1908-1915; Epidemiologist, U. S. Public Health Service, 1915-1917; Commissioner of Health of Ohio, 1917-1921; *Resident Lecturer in Public Health Administration, The Johns Hopkins University,* 1921-23.

[1921] Carlton Apts.

WILLIAM WEBBER FORD, M. D., D. P. H., *Professor of Bacteriology, School of Hygiene and Public Health*

A. B., Western Reserve University, 1893; M. D., Johns Hopkins University, 1898, Instructor, Associate, and Associate Professor of Bacteriology, 1903-17; D. P. H., McGill University, 1900, and Fellow in Pathology, 1899-01; Fellow, Rockefeller Institute for Medical Research, 1901-02; Lecturer on Hygiene and Epidemiology, Johns Hopkins Medical School, 1917—.

[1922; 1903] Charles St. Av., Woodbrook

JOSEPH THEOPHILUS SINGEWALD, JR., PH. D., *Professor of Economic Geology*

A. B., Johns Hopkins University, 1906, Fellow, 1907-08, Ph. D., 1909, and Henry E. Johnston Scholar, 1910-13.

[1922; 1913] 17 W. 29th St.

CARROLL GIDEON BULL, M. D., *Professor of Immunology, School of Hygiene and Public Health*

S. B., Peabody College, 1907; M. D., University of Nashville, 1909; Pathologist to Lincoln Memorial Hospital, 1910-1912; Assistant, Nelson Morris Institute for Medical Research, 1912-13; Assistant and Associate in Pathology and Bacteriology, The Rockefeller Institute for Medical Research, 1913-17.

[1922; 1918] Montgomery Rd., Windsor Hills

ROBERT WILLIAM HEGNER, PH. D., *Professor of Protozoölogy, School of Hygiene and Public Health*

S. B., University of Chicago, 1903, and S. M., 1904; Ph. D., University of Wisconsin, 1908; Instructor, University of Michigan, 1908-10, and Assistant Professor, 1910-17; Johnston Scholar, Johns Hopkins University, 1917-18.

[1922; 1918] 218 Hawthorn Rd., Roland Pk.

WARFIELD THEOBALD LONGCOPE, M. D., *Professor of Medicine*

A. B., Johns Hopkins University, 1897, and M. D., 1901; Resident Pathologist, Pennsylvania Hospital, Phila., 1901-03; Director, Ayer Clinical Laboratory, Pennsylvania Hospital, 1904-10; Assistant Professor of Applied Medicine, University of Pennsylvania, 1909-11; Associate Professor of Medicine, Columbia University, and Associate Attending Physician, Presbyterian Hospital, N. Y., 1911-14; Bard Professor of Practice of Medicine, Columbia University, and Director of the Medical Service, Presbyterian Hospital, N. Y., 1914-21; Professor of Clinical Medicine, Cornell University Medical College, Feb.-June, 1922; Visiting Physician, Second Division, Bellevue Hospital, New York, Feb.-June, 1922; *Physician-in-Chief.*

[1922] 803 Park Av.

CHARLES WOODWARD RILEY, M. D., *Professor of Military Science and Tactics*

A. B., Johns Hopkins University, 1903, and M. D., 1907; Interne, Woman's Hospital, N. Y., 1907-08; Interne, Riverside Hospital, N. Y. and Kingston Ave. Hospital, Brooklyn, 1908-09; Medical Officer, Walter Reed General Hospital, Washington, D. C., 1921-22.

[1922] 132 W. Lanvale St.

GREGORY HOISINGTON, MAJOR, INFANTRY, U. S. ARMY, *Professor of Military Science and Tactics*

United States Military Academy, 1911; Instructor United States Military Academy, 1914-1918; Staff School, Army War College, September 1918.

[1923] 2624 N. Calvert St.

CHARLES EDMUND SIMON, M. D., *Resident Lecturer in Medical Zoology*

A. B. Johns Hopkins University, 1888; M. D., University of Maryland, 1890; Professor of Clinical Pathology, University of Maryland and College of Physicians and Surgeons, 1908-1920; Fellow by Courtesy, Johns Hopkins University, 1919-1920, Lecturer in Medical Zoology 1920-1923.

[1923; 1920] 1734 Linden Av.

SAMUEL THEOBALD, M. D., *Clinical Professor of Ophthalmology*

M. D., University of Maryland, 1867; *Visiting Ophthalmologist.*

[1896] 968 N. Howard St.

HENRY M. THOMAS, A. M., M. D., *Clinical Professor of Neurology*

M. D., University of Maryland, 1884; A. M. (Hon.), Johns Hopkins University, 1902; *Visiting Neurologist.*

[1896] 1228 Madison Av.

JERE WILLIAMS LORD, M. D., *Clinical Professor of Dermatology*

A. B., Johns Hopkins University, 1884; M. D., University of Pennsylvania, 1887; *Visiting Dermatologist.*

[1898; 1893] 1011 N. Charles St.

THOMAS CASPAR GILCHRIST, M. D., M. R. C. S., *Clinical Professor of Dermatology*

M. R. C. S. and L. S. A., London, 1887; M. D. (Hon.), University of Maryland, 1907; *Visiting Dermatologist.*

[1898; 1896] 107 St. John's Rd., Roland Pk.

HENRY JOHNS BERKLEY, M. D., D. SC., *Clinical Professor Emeritus of Psychiatry*

M. D., University of Maryland, 1881, and D. Sc. (Hon.), 1902.

[1898; 1896] 1305 Park Av.

HUGH HAMPTON YOUNG, M. D., *Clinical Professor of Urology*

A. B. and A. M., University of Virginia, 1893, and M. D., 1894; *Visiting Urologist.*

[1914; 1898] Charles St. and Cold Spring Lane

SAMUEL JAMES CROWE, M. D., *Clinical Professor of Laryngology*

A. B., University of Georgia, 1904; M. D., Johns Hopkins University, 1908; *Visiting Otolaryngologist.*

[1920; 1910] 4332 N. Charles St.

WILLIAM WOOD RUSSELL, M. D., *Associate Professor of Clinical Gynecology*

M. D., University of Pennsylvania, 1890; *Assistant Visiting Gynecologist.*

[1900; 1895] [Absent on leave]

THOMAS BARNES FUTCHER, M. B., *Associate Professor of Clinical Medicine*

M. B., University of Toronto, 1893; *Assistant Visiting Physician.*

[1903; 1895] 1129 N. Calvert St.

JOSEPH COLT BLOODGOOD, M. D., *Associate Professor of Clinical Surgery*

S. B., University of Wisconsin, 1888; M. D., University of Pennsylvania, 1891; *Assistant Visiting Surgeon.*

[1903; 1895] 904 N. Charles St.

MAX BROEDEL, *Associate Professor of Art as Applied to Medicine*

Academy of Arts, Leipzig, 1885-90; Illustrator, University of Leipzig, 1892-94.

[1907; 1905] 320 Suffolk St., Guilford

WILLIAM STEVENSON BAER, M. D., *Associate Professor of Clinical Orthopedic Surgery*

A. B., Johns Hopkins University, 1894, and M. D., 1898; *Visiting Orthopedic Surgeon.*

[1910; 1900] 4 E. Madison St.

THOMAS RICHMOND BOGGS, M. D., *Associate Professor of Clinical Medicine*

S. B., University of Georgia, 1896; M. D., Johns Hopkins University, 1901; Physician-in-Chief, City Hospital, Baltimore; *Assistant Visiting Physician.*

[1911; 1905] 1013 N. Calvert St.

WILLIAM KURRELMEYER, PH. D., *Associate Professor of German*

A. B., Johns Hopkins University, 1896, Fellow, 1897-99, and Ph. D., 1899; Professor of Modern Languages, Franklin and Marshall College, 1899-1900; *Co-editor, Modern Language Notes.*

[1911; 1900] 1529 Linden Av.

A. HERMAN PFUND, PH. D., *Associate Professor of Physics*

S. B., University of Wisconsin, 1901; Fellow, Johns Hopkins University, 1905-06, Ph. D., 1906, Assistant, 1906-07, and Johnston Scholar, 1907-09.

[1911; 1906] 314 E. Thirty-third St.

JOHN CALVIN FRENCH, PH. D., *Associate Professor of English*

A. B., Johns Hopkins University, 1899, Fellow, 1903-04, and Ph. D., 1905; *Director, Bureau of Appointments.*

[1914; 1904] 416 Cedarcroft Rd., Govans

AARON EMBER, PH. D., *Associate Professor of Semitic Languages*

A. B., Johns Hopkins University, 1901, Fellow, 1903-04, Ph. D., 1904, and Rayner Fellow, 1904-10.

[1914; 1907] 12 Lawina Rd., Windsor Hills

ABRAHAM COHEN, PH. D., *Associate Professor of Mathematics*

A. B., Johns Hopkins University, 1891, Fellow, 1893-94, and Ph. D., 1894; *Associate Editor, American Journal of Mathematics* and *American Mathematical Monthly.*

[1914; 1895] Temple Court Apts.

LOUIS VIRGIL HAMMAN, M. D., *Associate Professor of Clinical Medicine*

A. B., Rock Hill College, 1896; M. D., Johns Hopkins University, 1901; *Assistant Visiting Physician.*

[1915; 1903] 1107 St. Paul St.

JOHN TIMOTHY GERAGHTY, M. D., *Associate Professor of Clinical Urology*

A. B., St. Thomas College (Minn.), 1895; Ph. B., St. Paul Seminary (Minn.), 1897; M. D., Johns Hopkins University, 1903; *Assistant Visiting Urologist.*

[1915; 1906] Charles St. and Whitfield Rd.

ALLEN KRAMER KRAUSE, M. D., *Associate Professor of Medicine*

A. B., Brown University, 1901, and A. M., 1902; M. D., Johns Hopkins University, 1907, Assistant and Instructor in Pathology, 1907-1909; *Editor, American Review of Tuberculosis; Physician in charge, Phipps Tuberculosis Dispensary and Kenneth Dows Tuberculosis Research Fund, and Associate Physician.*

[1916; 1907] Montrose and Idlewilde Avs., Catonsville

ROBERT BRUCE ROULSTON, PH. D., *Associate Professor of German*

A. B. Johns Hopkins University, 1900, Fellow, 1902-03 and Ph. D., 1906; *Editor, Johns Hopkins Alumni Magazine.*

[1917; 1908] 2706 Allendale Rd., Walbrook

DAVID SIMON BLONDHEIM, PH. D., *Associate Professor of French*

Johns Hopkins University (A. B., 1906, Fellow, 1909-10, Ph. D., 1910, Johnston Scholar, 1913-14); Instructor, Associate, and Assistant Professor of Romance Languages, University of Illinois, 1910-17.

[1917] 808 Reservoir St.

WILLIAM B. KOUWENHOVEN, DR.-ING., *Associate Professor of Electrical Engineering*

E. E., Brooklyn Polytechnic Institute, 1906, M. E., 1907; Doktor-Ingenieur, Karlsruhe, Germany, 1913; Instructor in Electrical Engineering, Brooklyn Polytechnic Institute, 1907-10, and Washington University, 1913-14.

[1918; 1914] Rectory Rd., Mt. Washington

WALTER A. PATRICK, PH. D., *Associate Professor of Chemistry*

B. S., Syracuse University, 1910; Swett Fellow, Massachusetts Institute of Technology, 1912-14; Ph. D., University of Göttingen, 1914; Research Assistant, University College, London, 1914-15; Instructor, Massachusetts Institute of Technology, 1915-16, Syracuse University, 1916-17.

[1918; 1917] The Terraces, Mt. Washington

RICHARD HOLDEN FOLLIS, M. D., *Associate Professor of Clinical Surgery*

Ph. B., Yale University, 1895; M. D., Johns Hopkins University, 1899; *Assistant Visiting Surgeon.*

[1918; 1902] 3 E. Read St.

THOMAS RICHARDSON BROWN, M. D., *Associate Professor of Clinical Medicine*

A. B., Johns Hopkins University, 1892, and M. D., 1897; *Assistant Visiting Physician.*

[1919; 1901] 17 W. Biddle St.

LOWELL JACOB REED, PH. D., *Associate Professor of Biometry and Vital Statistics, School of Hygiene and Public Health*

S. B., University of Maine, 1907 and S. M., 1912; Ph. D., University of Pennsylvania, 1915; Assistant Professor of Mathematics, University of Maine, 1915-17; Director of Bureau of Tabulation and Statistics, War Trade Board, Washington, 1917-18; Associate in Biometry and Vital Statistics, The Johns Hopkins University, 1918-1919.

[1919; 1918] 3400 Duvall Av., Forest Pk.

RHEINART PARKER COWLES, PH. D., *Associate Professor of Zoölogy*

A. B., Leland Stanford, Jr., University, 1889; Fellow, Johns Hopkins University, 1901-02. Bruce Fellow, 1902-04, Ph. D., 1904; Assistant, Instructor, and Associate, 1904-11; Professor of Zoölogy, University of the Philippines, 1911-19.

[1919; 1904] 1505 Bolton St.

JULIAN CHASE SMALLWOOD, M. E., A. M., *Associate Professor of Mechanical Engineering*

M. E., Columbia University, 1903; A. M., Johns Hopkins University, 1917; Assistant in Mechanical Engineering, Columbia University, 1904-05; Instructor, University of Pennsylvania, 1908-10; Associate Professor of Experimental Engineering, Syracuse University, 1910-16.

[1920; 1916] 862 Park Av.

PAUL DUDLEY LAMSON, M. D., *Associate Professor of Pharmacology*

A. B., Harvard, 1905, and M. D., 1909; Medical House officer, Massachusetts General Hospital, Boston, 1909-1911; Sheldon Travelling Fellowship, 1911-1913; Lecture Assistant in Pharmacology, University of Würzburg; Pharmacological Laboratory, University College, London University; Assistant Resident Physician, Peter Bent Brigham Hospital, Boston, 1913-1914; Assistant in Experimental Therapeutics, 1914-1915; Associate in Pharmacology, 1916-1920.

[1920; 1914] 3916 Clover Hill Road

FLORENCE EILAU BAMBERGER, PH. D., *Associate Professor of Education*

S. B., Columbia University, 1914, A. M., 1915, and Ph. D., 1922.

[1920; 1916] 1029 Madison Av.

WILLIAM WALTER CORT, PH. D., *Associate Professor of Helminthology, School of Hygiene and Public Health*

A. B., Colorado College, 1909; A. M., University of Illinois, 1911, and Ph. D., 1914; Professor of Biology, Macalester College, 1914-16; Assistant Professor of Zoology, University of California, 1916-19; Consulting Helminthologist, State Board of Health, California, 1918-19; Associate in Helminthology, The Johns Hopkins University, 1919-20; *Visiting Professor of Helminthology, Peking Union Medical College, China,* 1923-24.

[1920; 1919] [Absent on leave]

GROVES HOWARD CARTLEDGE, PH. D., *Associate Professor of Chemistry*

A. B. and A. M., Davidson College, 1911; Assistant, University of Chicago, 1915-16, and Ph. D., 1916; Professor of Chemistry, Presbyterian College of South Carolina, 1913-17, and Associate Professor, Davidson College, 1917-18; Chemical Warfare Service, 1918; Chief Chemist, Island Refining Corporation, 1919-20; *Contributing Editor, The Journal of Chemical Education.*

[1920] 2450 Maryland Av.

BUFORD JEANNETTE JOHNSON, PH. D., *Associate Professor of Psychology*

A. B., Lagrange College, 1895; A. M., Johns Hopkins University, 1915, and Ph. D., 1916; George Peabody Scholar, 1915-16; Associate Professor and Professor of Mathematics, Lagrange College, 1906-13; Associate Psychologist, Laboratory of Social Hygiene, New York, 1916-18; Psychologist, Bureau of Educational Experiments, New York, 1918-20.

[1920] Greenway Apts.

WALTER EDWARD DANDY, M. D., A. M., *Associate Professor of Clinical Surgery*

A. B., University of Missouri, 1907; M. D., Johns Hopkins University, 1910, and A. M., 1911; *Assistant Visiting Surgeon.*

[1921; 1914] 3021 Arunah Av.

FRANCIS DOMINIC MURNAGHAN, PH. D., *Associate Professor of Applied Mathematics*

A. B., National University of Ireland, 1913, and A. M., 1914; Ph. D., Johns Hopkins University, 1916; Instructor in Mathematics, Rice Institute, 1916-18; *Associate Editor, American Mathematical Monthly.*

[1921; 1918] 11 Queen Anne's Rd., Windsor Hills

HARRY WILLIAM WATERFALL, S. B., *Associate Professor of Mechanical Engineering*

S. B., Massachusetts Institute of Technology, 1911, and Assistant, 1911-12; Instructor, University of Illinois, 1913-17, and Assistant Professor, 1919-20.

[1921; 1920] Caroline Apts., 2-D.

EDWARD PERKINS CARTER, M. D., *Associate Professor of Medicine*

M. D., University of Pennsylvania, 1894; M. A. (Hon.), Williams College, 1916, Fellow, 1896-97; Associate Professor of Medicine, Western Reserve University, 1916-18; Lecturer, Johns Hopkins University, 1918-21; *Associate Physician.*

[1921; 1918] 204 Stratford Rd., Guilford

ALAN MASON CHESNEY, M. D., *Associate Professor of Medicine*

A. B., Johns Hopkins University, 1908, and M. D., 1912; Associate in Medicine, Washington University, 1917-21; *Associate Physician.*

[1921] 7 W. Hamilton St.

GUY LEROY HUNNER, M. D., *Associate Professor of Clinical Gynecology*

S. B., University of Wisconsin, 1893; M. D., Johns Hopkins University, 1897; *Assistant Visiting Gynecologist.*

[1921; 1901] 2305 St. Paul St.

ARTHUR LEONARD BLOOMFIELD, M. D., *Associate Professor of Medicine*

A. B., Johns Hopkins University, 1907, and M. D., 1911; *Associate Physician.*

[1922; 1912] 3931 Cedar Av.

ROBERT SYDNEY CUNNINGHAM, M. D., *Associate Professor of Anatomy*

S. B. and A. M., Davidson College, 1911: M. D., Johns Hopkins University, 1915.

[1922; 1915] Y. M. C. A.

WILLIAM OSWALD WEYFORTH, PH. D., *Associate Professor of Political Economy*

A. B., Johns Hopkins University, 1912, and Ph. D., 1915; Instructor, Western Reserve University, 1915-17.

[1922; 1919] 2329 Linden Av.

FREDERICK WILLIAM LEE, PH. D., *Associate Professor of Electrical Engineering*

M. E. and E. E., Cornell University, 1911; Assistant in Harvard University, 1911-13; Ph. D., Johns Hopkins University, 1920.

[1922; 1916] Owings Mills

BENJAMIN KRAMER, M. D., *Associate Professor of Pediatrics*

M. D., University and Bellevue Hospital Medical College, 1909; M. S., State University of Iowa, 1917; Instructor in Physiology, 1913-15, and Assistant Professor, 1916-17; *Associate Pediatrician.*

[1922; 1917] Cylburn Court

ESTHER LORING RICHARDS, M. D., *Associate Professor of Psychiatry*

A. B., Mt. Holyoke College, 1910; M. D., Johns Hopkins University, 1915; *Associate Psychiatrist.*

[1922; 1917] 1317 N. Charles St.

WILLIAM SHARP MCCANN, M. D., *Associate Professor of Medicine*

A. B., Ohio State University, 1911; M. D., Cornell University, 1915; Arthur Tracy Cabot Fellow, Harvard, 1916-17; Research Fellow, Russell Sage Institute, N. Y.; Instructor in Medicine, Cornell University, 1919-1921; *Associate Physician.*

[1922; 1921] Chadford Apts.

JOSEPH TRUEMAN THOMPSON, B. S. IN ENG., *Associate Professor of Civil Engineering*

B. S. in Eng., Johns Hopkins University, 1917.

[1922; 1919] 3405 University Place

ROBERT TALBOTT MILLER, JR., M. D., *Associate Professor of Surgery*

A. B., Amherst College, 1899; M. D., Johns Hopkins University, 1903; Surgeon, Mercy Hospital; Professor of Surgery, University of Pittsburgh, 1909-1920.

[1922; 1903] 211 Longwood Rd., Roland Pk.

ALBERT KEIDEL, M. D., *Associate Professor of Clinical Medicine*

A. B., Johns Hopkins University, 1900, and M. D., 1903; *Assistant Visiting Physician.*

[1922; 1913] 330 N. Charles St.

HAROLD LINDSAY AMOSS, M. D., DR. P. H., SC. D., *Associate Professor of Medicine*

S. B., University of Kentucky, 1905, and M. S., 1907; M. D., Harvard University, 1911, and Dr. P. H., 1912; Sc. D. (Hon.), George Washington University, 1922; Assistant, Harvard University, 1909-12; Assistant, Rockefeller Institute, 1912-14, Associate, 1914-19, Associate Member, 1919-22; *Associate Physician.*

[1922] 3209 N. Charles St.

ERNEST CARROLL FAUST, PH. D., *Visiting Associate Professor of Helminthology 1923-1924, School of Hygiene and Public Health*

A. B., Oberlin College, 1912; A. M., University of Illinois, 1914, Ph. D., 1917 and Instructor in Zoology, 1917-1919; Associate Professor in Parasitology, Peking Union Medical College, 1919–.

312 W. Monument St.

CHARLES ROBERT AUSTRIAN, M. D., *Associate Professor of Clinical Medicine*

A. B., Johns Hopkins University, 1904, and M. D., 1909; *Assistant Visiting Physician.*

[1923; 1910] 1417 *Eutaw Place*

JOHN STAIGE DAVIS, M. D., *Associate Professor of Clinical Surgery*

Ph. B., Yale University, 1895; M. D., Johns Hopkins University, 1899; *Assistant Visiting Surgeon.*

[1923] [1909] Severn Apartments

GEORGE BERNAYS WISLOCKI, M. D., *Associate Professor of Anatomy*

A. B., Washington University (St. Louis), 1912; M. D., Johns Hopkins University, 1916; Assistant and Associate in Anatomy, 1916-1923; Arthur Tracy Cabot Fellow in Surgery, Harvard Medical School, 1917-1920.

[1923; 1916] 1306 Linden Av.

ARNOLD RICE RICH, M. D., *Associate Professor of Pathology*

A. B. and A. M., University of Virginia, 1915; M. D., Johns Hopkins University, 1919; Assistant, Instructor, and Associate in Pathology, 1919-1923; *Resident Pathologist.*

[1923; 1919] The Johns Hopkins Hospital

KARL MILLER WILSON, M. D., *Associate Professor of Obstetrics*

M. D. C. M., McGill University, 1908; Assistant Instructor, and Associate in Obstetrics, Johns Hopkins University, 1910-1912, and 1913-1923; *Associate Obstetrician.*

[1923; 1910] 1212 Eutaw Place

WILBURT CORNELL DAVISON, M. D., *Associate Professor of Pediatrics*

A. B., Princeton University, 1913; B. A. and B. Sc., M. A., Oxon, 1915, 1916, and 1919; Medical Student, Oxford, 1913-1916; M. D., Johns Hopkins University, 1917; Instructor and Associate in Pediatrics, 1919-1923; *Associate Pediatrician.*

[1923; 1919] Riderwood, Md.

J. HOWARD BROWN, PH. D., *Associate Professor of Bacteriology*

S. B., Illinois College, 1906; M. S., University of Illinois, 1909; Ph. D., Harvard University, 1917; Assistant and Austin Teaching Fellow in Comparative Pathology, Harvard Medical School, 1910-1917; Assistant and Associate, Department of Animal Pathology, Rockefeller Institute for Medical Research, 1917-1923.

[1923] 3613 Norwood Av.

WILLIAM L. HOLMAN, M. D., *Associate Professor of Bacteriology*

A. B., McGill University, 1903; M. D. C. M., 1907; Assistant in Pathology and Bacteriology, Royal Victoria Hospital, 1908-9; Instructor, Assistant Professor, Associate Professor and Professor of Bacteriology, University of Pittsburgh, 1911-20; Assistant Professor, Associate Professor of Bacteriology, Stanford University, 1920-23.

[1923] Geneva Apartments

ROSCOE RAYMOND HYDE, PH. D., *Associate Professor of Immunology, School of Hygiene and Public Health*

A. B. and A. M., Indiana University, 1909; Ph. D., Columbia University, 1915; Assistant in Embryology, Indiana University, 1908-1909; Assistant Professor, Professor and Head of Department of Zoology and Physiology, Indiana State Normal School, 1909-1919; Lecturer in Genetics, Terre Haute Veterinary College, 1910-1918; Dyckman Fellow, Columbia University, 1912-1913; Fellow in Immunology, Johns Hopkins University, 1918-1919.

[1923; 1919] 4101 Penhurst Av.

WILLIAM HAY TALIAFERRO, PH. D., *Associate Professor of Protozoology, School of Hygiene and Public Health*

S. B., University of Virginia, 1915; Assistant in Biology, Johns Hopkins University, 1915-1917; Adam T. Bruce Fellow, 1917-1918; Ph. D., 1918; Johnston Scholar, 1919; Instructor in Protozoology, 1919-1920.

[1923; 1919] 194 Oakdale Road, Roland Park

REYNOLD ALBRECHT SPAETH, PH. D., *Associate Professor of Physiology*

S. B., Haverford College, 1909; A. M., Harvard University, 1910, and Ph. D., 1913; Sheldon Fellow, Physiological Institute, Kiel, 1913-1914; Instructor in Biology, Clark College, 1914-1915, and Yale University, 1915-1918; Technical Assistant in Pharmacology, Hygienic Laboratory, U. S. Public Health Service, 1918.

[1923; 1918] 212 Longwood Road, Roland Park

JAMES ANGUS DOULL, M. D., DR. P. H., *Associate in Epidemiology, School of Hygiene and Public Health*

A. B. and M. D. C. M., Dalhousie University 1911 and 1914; D. P. H., University of Cambridge, 1919; Provincial Inspector of Health for Nova Scotia, 1919-1920; Dr. P. H., Johns Hopkins University, 1921.

[1923; 1921] Normandie Apartments

WILLARD S. PAUL, CAPTAIN, INFANTRY, U. S. ARMY, *Assistant Professor of Military Science and Tactics*

Dartmouth College.

[1921] Upland Apts.

WILLIAM C. ATWATER, FIRST LIEUTENANT, CORPS OF ENGINEERS, U. S. ARMY, *Assistant Professor of Military Science and Tactics*

B. S., Bellevue College, 1910; M. M. E., Harvard University, 1915.

[1921] 224 Prospect Av.

WILLIAM I. SHERWOOD, FIRST LIEUTENANT, INFANTRY, *Assistant Professor of Military Science and Tactics*

Infantry School, 1921; Tank School, 1921.

[1922] 229 E. 33d St.

FRANK ROBERT SMITH, M. D., *Associate in Clinical Medicine*

A. M., University of Cambridge, 1882; M. D., University of Maryland, 1891; *Assistant Visiting Physician.*

[1901; 1895] 927 N. Calvert St.

WILLIAM ROSENAU, PH. D., *Associate in Post-Biblical Hebrew*

A. B., University of Cincinnati, 1888; Ph. D., Johns Hopkins University, 1900; L. H. D., Hebrew Union College, Cincinnati, 1923.

[1903] 1515 Eutaw Place

LOUIS PHILIP HAMBURGER, M. D., *Associate in Clinical Medicine*

A. B., Johns Hopkins University, 1893, and M. D., 1897; *Assistant Visiting Physician.*

[1905; 1899] 1207 Eutaw Place

FRANK RINGGOLD BLAKE, PH. D., *Associate in Oriental Languages*

A. B., Johns Hopkins University, 1897, Fellow, 1898-1902, and Ph. D., 1902.

[1906; 1902] 932 W. North Av.

JAMES HALL MASON KNOX, JR., PH. D., M. D., *Associate in Clinical Pediatrics*

A. B., Yale University, 1892, and Ph. D., 1894; A. M., Lafayette College, 1896; M. D., Johns Hopkins University, 1898; *Assistant Visiting Pediatrician.*

[1909; 1902] 211 Wendover Rd.

JOHANNES MATTERN, PH. D., *Assistant Librarian*

Universities of Münster and Bonn, 1904-07; Librarian in Charge, Bureau of Statistics, Department of Commerce and Labor, 1910-11; Ph. D., Johns Hopkins University, 1922.

[1911] 206 Spalding Av.

EDWARD HENDERSON RICHARDSON, M. D., LL. D., *Associate in Clinical Gynecology*

A. B., Hampden-Sidney College, 1900, and LL. D., 1921; M. D., Johns Hopkins University, 1905; *Assistant Visiting Gynecologist.*

[1912; 1909] 9 E. Chase St.

WALTER ALBERT BAETJER, M. D., *Associate in Clinical Medicine*

A. B., Johns Hopkins University, 1905, and M. D., 1909; *Assistant in Clinical Laboratory.*

[1915; 1910] 16 W. Madison St.

EDGAR RANDOLPH STROBEL, M. D., *Associate in Clinical Dermatology*

A. B., Johns Hopkins University, 1895, and M. D., 1899; *Dispensary Dermatologist.*

[1916; 1902] 104 Longwood Rd., Roland Pk.

DAVID MELVIN DAVIS, M. D., *Associate in Urology*

S. B., Princeton University, 1907; M. D., Johns Hopkins University, 1911; *Assistant in Urology.*

[1916; 1912] 1201 N. Charles St.

GEORGE E. BENNETT, M. D., *Associate in Clinical Orthopedic Surgery*

M. D., University of Maryland, 1909; *Assistant Visiting Orthopedic Surgeon.*

[1916; 1914] 4 E. Madison St.

GUSTAV GRUENBAUM, PH. D., *Associate in Romance Languages*

A. B., University of Bucarest, 1902; Fellow, Johns Hopkins University, 1910-11, and Ph. D., 1912; *Co-Editor, Modern Language Notes.*

[1917; 1911] 2207 Brookfield Av.

CHARLES BAGLEY, JR., M. D., *Associate in Experimental Neurology*

M. D., University of Maryland, 1904; A. B., Loyola College, 1911; *Assistant Psychiatrist.*

[1917] Latrobe Apts.

GEORGE LANE TANEYHILL, JR., M. D., *Associate in Clinical Neurology*

A. B., Johns Hopkins University, 1900, and M. D., 1904; *Dispensary Neurologist.*

[1918; 1905] 1312 Eutaw Place

CHARLES METCALFE BYRNES, M. D., *Associate in Clinical Neurology*

S. B., University of North Carolina, 1902; M. D., Johns Hopkins University, 1906; Adjunct Professor of Anatomy, University of Virginia, 1906-09; *Dispensary Neurologist.*

[1918; 1909] 207 E. Preston St.

SYDNEY ROBOTHAM MILLER, M. D., *Associate in Clinical Medicine*

S. B., New York University, 1905; M. D., Johns Hopkins University, 1910; *Assistant in Clinical Laboratory.*

[1918; 1911] 108 St. John's Rd., Roland Pk.

MYRICK WHITING PULLEN, S. B., *Associate in Electrical Engineering*

S. B. in E. E., Iowa State College, 1908, and Instructor, 1908-10; President Maryland Academy of Sciences.

[1918; 1912] 2433 N. Calvert St.

LLOYD WARREN KETRON, M. D., *Associate in Clinical Dermatology*

A. B., Grant University, 1907; M. D., Johns Hopkins University, 1911; *Dispensary Dermatologist.*

[1918; 1914] 1107 St. Paul St.

GEORGE HENRY ROBINSON, PH. D., *Associate in Bacteriology, School of Hygiene and Public Health*

A. B., Bates College, 1911; A. M., Brown University, 1912, and Ph. D., 1914; Research Laboratory, H. K. Mulford Company, 1914-18.

[1918] 3017 Harlem Av.

JOHN RICE MINER, D. SC., *Associate in Biometry and Vital Statistics, School of Hygiene and Public Health*

A. B., University of Michigan, 1913; D. Sc. in Hyg., Johns Hopkins University, 1922; Computer, Maine Agricultural Experiment Station, 1913-17; Biometrician, Statistical Division, U. S. Food Administration 1917-18.

[1918] 3702 Springdale Av.

EVELETH WILSON BRIDGMAN, M. D., *Associate in Clinical Medicine*

A. B., Johns Hopkins University, 1908, and M. D., 1912; *Assistant Visiting Physician.*

[1919; 1913] 11 E. Chase St.

WILLIAM ARCHIBALD FRONTZ, M. D., *Associate in Clinical Urology*

A. B., Princeton University, 1907; M. D., Johns Hopkins University, 1911; *Urologist in charge.*

[1919; 1915] 330 N. Charles St.

ARTHUR LOUIS MEYER, M. D., *Associate in Physiology, School of Hygiene and Public Health*

A. B., Beloit College, 1905; M. D., University of Pennsylvania, 1909; Assistant, Russell Sage Institute of Pathology, 1914-15; Assistant and Associate, Rockefeller Institute for Medical Research, 1915-19.

[1919] 1109 St. Paul St.

HARRY RICHMOND SLACK, JR., M. D., *Associate in Clinical Laryngology*

A. B., University of Georgia, 1908; M. D., Johns Hopkins University, 1912; *Assistant Visiting Otolaryngologist.*

[1919; 1913] 1100 N. Charles St.

WILLIAM MYNN THORNTON, JR., PH. D., *Associate in Chemistry*

A. B., University of Virginia, 1907; Ph. D., Yale University, 1914; Assistant in Chemistry, Massachusetts Agricultural College, 1907-08; Tutor, College of the City of New York, 1914-15.

[1919] 2 Chancery Sq., Guilford

PAUL WISWALL CLOUGH, M. D., *Associate in Clinical Medicine*

S. B., University of Wisconsin, 1903; M. D., Johns Hopkins University, 1907; *Assistant Visiting Physician.*

[1919; 1908] 24 E. Eager St.

THEO JACOBS, A. B., *Associate in Social Economics*

A. B., Goucher College, 1901; Federated Charities of Baltimore (District Assistant, 1905-07, District Secretary, 1907-10, Assistant General Secretary, 1910-17, Acting General Secretary, 1917-19).

[1919] 226 Somerset Rd., Roland Pk.

WYATT WILLIAM RANDALL, PH. D., *Associate in Bio-Chemistry, School of Hygiene and Public Health*

A. B., St. John's College, 1884; Ph. D., Johns Hopkins University, 1890; Assistant and Associate in Chemistry, 1890-1898, 1919-21; Chief, Bureau of Chemistry, State Department of Health.

[1919; 1890] 10 Rugby Rd., Guilford

JANET HOWELL CLARK, PH. D., *Associate in Physiology, School of Hygiene and Public Health*

A. B., Bryn Mawr College, 1910; A. M., Johns Hopkins University, 1912, and Ph. D., 1913; Huff Fellow, Bryn Mawr College, 1913-14, and Instructor in Physics, 1914-15; Sarah Berliner Fellow, 1915-16; Instructor, Smith College, 1916-17; Assistant in Pathology, Johns Hopkins University, 1917-18, and Instructor in Physiology, 1918-19.

[1920; 1917] 232 W. Lanvale St.

WILLIAM ALEXANDER FISHER, JR., M. D., *Associate in Clinical Surgery*

A. B., Princeton University, 1896; M. D., Johns Hopkins University, 1900; *Assistant Visiting Surgeon.*

[1920; 1909] 715 Park Av.

OMAR BORTON PANCOAST, M. D., *Associate in Clinical Surgery*

S. B., Swarthmore College, 1893; M. D., Johns Hopkins University, 1897; *Dispensary Surgeon.*

[1920; 1909] 1111 N. Charles St.

ISAAC ROSENBAUM PELS, M. D., *Associate in Clinical Dermatology*

A. B., Johns Hopkins University, 1902, and M. D., 1906; *Dispensary Dermatologist.*

[1920; 1911] 1011 N. Charles St.

JAMES JULIAN CHISHOLM, M. D., *Associate in Clinical Laryngology*

A. B., Princeton University, 1911; M. D., Johns Hopkins University, 1916; *Dispensary Laryngologist.*

[1920; 1916] 1107 St. Paul St.

NINA SIMMONDS, A. M., *Associate in Bio-Chemistry, School of Hygiene and Public Health*

S. B., University of Wisconsin, 1915, Assistant in Agricultural Chemistry, 1915-1917; Assistant in Bio-Chemistry, Johns Hopkins University, 1917-1918, Instructor, 1918-1920, A. M., 1922.

[1920; 1917] 511 N. Wolfe St.

FRANCIS METCALF ROOT, PH. D., *Associate in Medical Entomology, School of Hygiene and Public Health*

A. B., Oberlin College, 1911, A. M., 1912; Johns Hopkins University (University Fellow, 1914-15, Adam T. Bruce Fellow, 1915-17, Ph. D., 1917, Teaching Fellow in Medical Entomology, 1919-20).

[1920; 1919] 3304 Forest Park Av.

AUBREY T. MUSSEN, M. D., *Associate in Experimental Neurology*

M. D. C. M., McGill University, 1900; *Assistant Psychiatrist.*

[1920] 1014 St. Paul St.

JOHN ROGERS MUSSELMAN, PH. D., *Associate in Mathematics*

A. B., Gettysburg College, 1910, and A. M., 1913; Fellow, Johns Hopkins University, 1914-15; Fellow by Courtesy, 1915-16, and Ph. D., 1916; Instructor, University of Illinois and Washington University, 1916-20.

[1920] Johns Hopkins Club

CHARLES AUGUST ROUILLER, PH. D., *Associate in Pharmacology*

A. B., Leland Stanford Jr. University, 1903; Ph. D., Johns Hopkins University, 1906.
[1920; 1907] Buck's Lane, Arlington

JOHN WARD BAYLOR, M. D., *Associate in Clinical Laryngology*

A. B., Washington and Lee University, 1914; M. D., Johns Hopkins University, 1918; *Dispensary Laryngologist.*
[1921; 1919] 4332 N. Charles St.

GEORGE BOAS, PH. D., *Associate in Philosophy*

A. B. and A. M., Brown University, 1913; A. M., Harvard University, 1915; Ph. D., University of California, 1917; University Fellow in Philosophy, Columbia, 1914-15; Instructor in Forensics, University of California, 1915-17, and Assistant Professor, 1919-21.
[1921] [Absent on leave]

FOWLER DELL BROOKS, PH. D., *Associate in Education*

A. B. and A. M., Baker University, 1911; A. M., University of Oklahoma, 1915; A. M., Columbia University, 1916, and Ph. D., 1921; Assistant in Mathematics, Baker University, 1910-11; Assistant Professor of Psychology and Education. University of Oklahoma, 1915-17; Director of Training School, State Teachers College, Mankato, Minn., 1917-21.
[1921] 694 Gladstone Av.

JAMES ROBERT CASH, M. D., *Associate in Pathology*

A. B., University of Virginia, 1914, and A. M., 1915; M. D., Johns Hopkins University, 1919.
[1921; 1919] Cedar Av., Walbrook

LEO JOHN GOLDBACH, M. D., *Associate in Clinical Ophthalmology*

A. B., Loyola College, 1901; M. D., University of Maryland, 1905; *Dispensary Ophthalmologist.*
[1921; 1914] 1012 N. Charles St.

JOHN WARTON HARRIS, M. D., *Associate in Obstetrics*

A. B., University of North Carolina, 1911, and A. M., 1912; M. D., Johns Hopkins University, 1916; *Assistant Obstetrician.*
[1921; 1917] 938 N. Calvert St.

ERNST HUBER, PH. D., *Associate in Anatomy*

Swiss Staatsexamen f. Nat. Sc. and Ph. D., University of Zürich, 1917.
[1921] 1306 Linden Av.

PERCY DAVOL MEADER, PH. D., *Associate in Bacteriology, School of Hygiene and Public Health*

Ph. B., Brown University, 1914, Sc. M., 1916, and Ph. D., 1918; Assistant Bacteriologist, Providence Health Department, 1916-18; Assistant and Instructor, The Johns Hopkins University, 1918-21.
[1921; 1918] 813 N. Howard St.

CYRIL ARTHUR NELSON, PH. D., *Associate in Mathematics*

A. B., Midland College, 1914; A. M., University of Kansas, 1916; Fellow, University of Chicago, 1918-19, and Ph. D., 1919; Instructor, University of Kansas, 1919-1920, and Western Reserve University, 1920-21.
[1921] Stratford Apts.

SYLVIA LOUISE PARKER, A. B., *Associate in Biometry and Vital Statistics, School of Hygiene and Public Health*

A. B., Mount Holyoke College, 1916, and Laboratory Assistant in Zoology, 1916-17; Assistant Biologist, Maine Agricultural Station, 1917-18; Instructor, The Johns Hopkins University, 1918-21
[1921; 1918] 3409 Duvall Av.

THOMAS PECK SPRUNT, M. D., *Associate in Clinical Medicine*

A. B., Davidson College, 1893; M. D., Johns Hopkins University, 1909; *Dispensary Physician.*
[1921; 1909] 1035 N. Calvert St.

DAVID EMRICH WEGLEIN, PH. D., *Associate in Education*

A. B., Johns Hopkins University, 1897, and Ph. D., 1917; A. M., Columbia University, 1912; Principal, Western High School, Baltimore, 1906-1920; Assistant Superintendent of Schools.

[1921; 1917] 2400 Linden Av.

RALPH COPLESTONE WILLIAMS, PH. D., *Associate in French*

A. B., Johns Hopkins University, 1908, and Ph. D., 1917; Instructor and Assistant Professor, Ohio State University, 1918-21.

[1921] Greenway Apts.

EMIL NOVAK, M. D., *Associate in Clinical Gynecology*

A. B., Loyola College, 1912; M. D., University of Maryland, 1904; Associate Professor of Gynecology, College of Physicians and Surgeons, Baltimore.

[1922; 1915] 26 E. Preston St.

ERNEST HOWARD GAITHER, M. D., *Associate in Clinical Medicine*

M. D., Baltimore Medical College, 1905; *Assistant Dispensary Physician.*

[1922; 1919] 17 W. Biddle St.

BROADUS MITCHELL, PH. D., *Associate in Political Economy*

A. B., University of South Carolina, 1913; Fellow, Johns Hopkins University, 1916-17, and Ph. D., 1918.

[1922; 1919] Johns Hopkins Club

LINDA BARTELS LANGE, M. D., *Associate in Bacteriology, School of Hygiene and Public Health*

A. B., Bryn Mawr College, 1903; M. D., Johns Hopkins University, 1911; Fellow, Rockefeller Institute, 1912-14; Instructor, University of Wisconsin, 1915-16; Assistant in Medicine, Johns Hopkins University, 1916-18; Fellow in Bacteriology, 1918-19, and Instructor, 1919-22.

[1922; 1916] 804 N. Broadway

JOSEPH EARLE MOORE, M. D., *Associate in Clinical Medicine*

A. B., University of Kansas, 1914; M. D., Johns Hopkins University, 1916; *Dispensary Physician.*

[1922; 1919] 330 N. Charles St.

HENRY STUART WILLIS, M. D., *Associate in Medicine*

A. B., University of North Carolina, 1914; M. D., Johns Hopkins University, 1919, and A. M., 1920; *Dispensary Physician.*

[1922; 1919] 1923 Park Av.

LESLIE BENJAMIN HOHMAN, M. D., *Associate in Psychiatry*

A. B., University of Missouri, 1912; M. D., Johns Hopkins University, 1917; *Assistant Psychiatrist.*

[1922; 1920] The Hopkins Apartments

JOSÉ ROBLES Y PAZOS, *Associate in Spanish*

Bachiller, Instituto de San Isidro, Madrid, 1914; Licenciado en letras, University of Madrid, 1918; Professor of Spanish Literature in the Residencia de Estudiantes and Colaborador, Centro de Estudios Históricos, Madrid, 1918-20.

[1922; 1920] 2655 Maryland Av.

MARY VAN R. BUELL, PH. D., *Associate in Physiological Chemistry*

A. B., University of Wisconsin, 1914, A. M., 1915, Ph. D., 1919, Instructor in Physiological Chemistry, 1919-20; Assistant Professor, University of Iowa, 1920-21.

[1922; 1921] 2524 Maryland Av.

PHYLLIS GREENACRE, M. D., *Associate in Psychiatry*

S. B., University of Chicago, 1913; M. D., Rush Medical College, 1916; *Assistant Psychiatrist in charge of the Laboratory, Phipps Psychiatric Clinic.*

[1922; 1917] 614 Reservoir St.

ALFRED C. KOLLS, M. D., *Associate in Physiology*

S. B., University of Wisconsin, 1914, and M. S., 1915; M. D., Johns Hopkins University, 1917, and Assistant in Pharmacology, 1917-18; Associate Professor of Pharmacology, Washington University, 1920-21.

[1922; 1917] 535 N. Wolfe St.

HENRICUS J. STANDER, M. D., *Associate in Obstetrics*

M. S., State University of Arizona, 1916; M. D., Yale University, 1921; Research Assistant in Obstetrics and Research Assistant in Radiology, Yale Medical School, 1917-1920; Consulting Chemist, Hercules Powder Co., 1920-22.

[1922] 1624 Eutaw Place

EDWIN CHARLES WHITE, PH. D., *Associate in Chemical Urology*

A. B., Johns Hopkins University, 1912; Ph. D., University of Wisconsin, 1915; *Chemist, Brady Urological Institute.*

[1922] 3506 Springdale Av.

OLAF SELMER RASK, A. B., S. B., *Associate in Bio-Chemistry, School of Hygiene and Public Health*

A. B. and S. B., University of Minnesota, 1916-1917; Bureau of Chemistry, Agricultural Department, 1917-1920; Fellow of Food Research, Stanford University, 1922-1923.

[1923] 1910 Mt. Royal Av.

EUGENE MAXIMILLIAN KARL GEILING, PH. D., M. D., *Associate in Pharmacology*

A. B., University of South Africa, 1911; M. Sc. and Ph. D., University of Illinois, 1915 and 1917; M. D., Johns Hopkins University, 1923.

[1923] 2510 Madison Av.

FERDINAND CHRISTIAN LEE, M. D., *Associate in Anatomy*

A. B., Cornell University, 1915; M. D., Johns Hopkins University, 1919; Assistant and Instructor in Anatomy, 1920-23.

[1923; 1920] Owings Mills

WALTER HUGHSON, M. D., *Associate in Applied Anatomy and Surgery*

S. B., Princeton University, 1914; M. D., Johns Hopkins University, 1918; Assistant and Instructor in Anatomy, 1920-23

[1923; 1920] 1411 Eutaw Place

HORTON RYAN CASPARIS, M. D., *Associate in Pediatrics*

A. B., University of Texas, 1915; M. D., Johns Hopkins University, 1919; Assistant and Instructor in Pediatrics, 1920-1923; Resident Pediatrician, 1922-1923; *Pediatrician in charge, J. H. Dispensary.*

[1923; 1920] 512 N. Broadway

FRANCIS RAYMOND DIEUAIDE, M. D., *Associate in Medicine*

A. B., College of the City of New York, 1913; M. D., Johns Hopkins University, 1920; Bingham Fellow in Medical Research, 1920-1921; Assistant and Instructor in Medicine, 1921-23.

[1923; 1921] The Gwynnwood, Windsor Hills

JAMES JOSEPH MILLS, M. D., *Associate in Clinical Ophthalmology*

M. D., Baltimore Medical College, 1889; *Dispensary Ophthalmologist.*

[1923; 1903] 853 Park Av.

HARVEY BRINTON STONE, M. D., *Associate in Clinical Surgery*

A. B., Johns Hopkins University, 1902, and M. D., 1906; Adjunct Professor of Surgery, University of Virginia, 1907-10; *Assistant Visiting Surgeon.*

[1923; 1913] 18 W. Franklin St.

HARRY LOUIS HOMER, M. D., *Associate in Clinical Surgery*

M. D., University of Pennsylvania, 1904; *Dispensary Surgeon.*

[1923; 1916] 1011 N. Charles St.

GUY LEE BRYAN, JR., M. C. E., *Associate in Civil Engineering*

B. S. in Eng., Johns Hopkins University, 1917, and M. C. E., 1922.
[1923; 1918] Lombardy Apartments

CHARLES COLEMAN THACH, JR., PH. D., *Associate in History and Political Science*

S. B., Alabama Polytechnic Institute, 1912, and M. S., 1913; Fellow, Johns Hopkins University, 1917-18, and Ph. D., 1922.
[1923; 1919] 2735 Maryland Av.

CLYDE ALVIN CLAPP, M. D., *Associate in Clinical Ophthalmology*

M. D., University of Maryland and College of Physicians and Surgeons, 1902; *Dispensary Ophthalmologist.*
[1923; 1919] 513 N. Charles St.

ALAN CHURCHILL WOODS, M. D., *Associate in Clinical Ophthalmology*

A. B., Johns Hopkins University, 1910, and M. D., 1914; Assistant, Medical Dept. of Research Medicine, University of Pennsylvania, 1915-1919; *Assistant Visiting Ophthalmologist.*
[1923; 1919] 824 Park Av.

GEORGE HILLES NEWLOVE, PH. D., C. P. A., *Associate in Accounting*

Ph. B., Hamline University, 1914; A. M., University of Minnesota, 1915; Ph. D., University of Illinois, 1918; C. P. A., State of North Carolina, 1918, and State of Illinois, 1919; Instructor, University of Illinois, 1916-18; Dean, Washington School of Accountancy, 1919-23.
[1923] Washington, D. C.

JACOB HALL PLEASANTS, M. D., *Instructor in Clinical Medicine*

A. B., Johns Hopkins University, 1895, and M. D., 1899; *Chairman, Alumni Council; Member of Board of Trustees; Dispensary Physician.*
[1900] 201 Longwood Rd., Roland Pk.

WILLIAM RUSH DUNTON, JR., M. D., *Instructor in Clinical Psychiatry*

S. B., Haverford College, 1889, and A. M., 1890; M. D., University of Pennsylvania, 1893; Assistant Physician, Sheppard and Pratt Hospital; *Dispensary Psychiatrist.*
[1903] 714 E. Evesham Av., Govans

RONALD TAYLOR ABERCROMBIE, M. D., *Director of Physical Education*

A. B., Johns Hopkins University, 1901, and M. D., 1905.
[1905] 10 Whitfield Rd., Guilford

SAMUEL WOLMAN, M. D., *Instructor in Clinical Medicine*

A. B., Johns Hopkins University, 1902, and M. D., 1906; *Dispensary Physician.*
[1906] 2444 Eutaw Place

JOHN HENDRICKEN KING, M. D., *Instructor in Clinical Medicine*

A. B., Johns Hopkins University, 1899, and M. D., 1906; *Dispensary Physician.*
[1906] 1100 N. Charles St.

TRIGANT BURROW, M. D., PH. D., *Assistant in Clinical Psychiatry*

A. B., Fordham University, 1895; M. D., University of Virginia, 1899; Ph. D., Johns Hopkins University, 1909, and Assistant in Psychology, 1907-09; *Assistant Dispensary Psychiatrist.*
[1907] Tuscany Apts.

DE WITT BELLINGER CASLER, M. D., *Instructor in Clinical Gynecology*

A. B., Yale University, 1900; M. D., Johns Hopkins University, 1904; *Dispensary Gynecologist.*
[1907] 13 W. Chase St.

BERTRAM MOSES BERNHEIM, M. D., *Instructor in Clinical Surgery*

A. B., Johns Hopkins University, 1901, and M. D., 1905; *Dispensary Surgeon.*
[1909] 2313 Eutaw Pl.

EUGENE JOSEPH LEOPOLD, M. D., *Instructor in Clinical Medicine*
A. B., Johns Hopkins University, 1901, and M. D., 1905; *Dispensary Physician.*
[1909] 200 W. Lafayette Av.

MARTIN FRANCIS SLOAN, M. D., *Instructor in Clinical Medicine*
M. D., Baylor University, 1907; *Dispensary Physician.*
[1910] 330 N. Charles St.

WILLIAM LAWRENCE MILLEA, M. D., *Instructor in Clinical Obstetrics*
A. B., Clark University, 1908; M. D., Johns Hopkins University, 1912; *Assistant Visiting Obstetrician.*
[1913] 1020 N. Calvert St.

PAUL GALPIN SHIPLEY, M. D., *Instructor in Pediatrics*
M. D., Yale University, 1913; *Assistant Dispensary Pediatrician.*
[1913] 2412 Linden Av.

FREDERICK WILLIAM HOBELMANN, M. D., *Instructor in Clinical Urology*
M. D., Baltimore Medical College, 1901; *Dispensary Urologist.*
[1915] 33 Gunther Building

CHARLES ALEXANDER WATERS, M. D., *Instructor in Clinical Roentgenology*
M. D., University of Maryland, 1911; *Assistant Visiting Roentgenologist.*
[1915] 1100 N. Charles St.

JOHN ARCHIBALD CAMPBELL COLSTON, M. D., *Instructor in Clinical Urology*
Ph. B., Yale University, 1907; M. D., Johns Hopkins University, 1911; *Assistant in Urology.*
[1916] 1016 St. Paul St.

HOAGLAND COOK DAVIS, M. D., *Instructor in Clinical Laryngology*
M. D., University of Maryland, 1902; *Assistant Dispensary Laryngologist.*
[1916] 405 N. Charles St.

JOSEPH EDWARD GATELY, M. D., *Assistant in Clinical Dermatology*
M. D., University of Maryland, 1909; *Assistant Dispensary Dermatologist.*
[1916] 23 W. Franklin St.

JOHN THEODORE KING, JR., M. D., *Instructor in Clinical Medicine*
A. B., Princeton University, 1910; M. D., Johns Hopkins University, 1914; *Dispensary Physician.*
[1916] 1400 Eutaw Place

JOHN GARDNER MURRAY, JR., M. D., *Instructor in Clinical Obstetrics*
A. B., Johns Hopkins University, 1911, and M. D., 1915; *Dispensary Obstetrician.*
[1916] 1107 St. Paul St.

JOHN WILLIAM PIERSON, M. D., *Instructor in Clinical Roentgenology*
M. D., University of Maryland, 1905; *Assistant Visiting Roentgenologist.*
[1916] 1107 St. Paul St.

GEORGE LEWIS STICKNEY, M. D., *Assistant in Clinical Gynecology*
M. D., University of Maryland, 1910.
[1916] Latrobe Apts.

RUTH ELDRED FAIRBANK, M. D., *Instructor in Psychiatry*
A. B., Illinois College, 1911; M. D., Johns Hopkins University, 1916; *Assistant Resident Psychiatrist.*
[1917] The Johns Hopkins Hospital

JOHN EARLE UHLER, A. B., *Instructor in English*

A. B., Johns Hopkins University, 1913.

[1917] Cedarcroft

JACOB COHEN, M. D., *Instructor in Clinical Medicine*

A. B., Johns Hopkins University, 1908, and M. D., 1912; *Assistant Dispensary Physician.*

[1919] 223 S. Broadway

ELLIOTT H. HUTCHINS, M. D., *Instructor in Clinical Surgery*

A. B., St. John's College, 1902, and A. M., 1906; M. D., Johns Hopkins University, 1906; *Assistant Dispensary Surgeon.*

[1919] 2217 St. Paul St.

HARRY M. ROBINSON, M. D., *Instructor in Clinical Medicine*

M. D., University of Maryland, 1909; *Assistant Dispensary Dermatologist.*

[1919] 405 N. Charles St.

RUTH STOCKING LYNCH, PH. D., *Assistant in Zoölogy*

A. B., Goucher College, 1910; Fellow, Bryn Mawr College, 1911-12; Fellow, Johns Hopkins University, 1912-13, and Ph. D., 1915; Palmer Fellow, Wellesley College, 1913-14; Professor of Biology, Agnes Scott College, 1915-16; Acting Professor, Wells College, 1916-17; Assistant Professor of Biology, Carnegie Institute of Technology, 1917-18.

[1919] 1623 Bolton St.

ROBERT WILKINSON JOHNSON, JR., M. D., *Instructor in Clinical Orthopedic Surgery*

A. B., Princeton University, 1912; M. D., Johns Hopkins University, 1917; *Assistant Dispensary Surgeon.*

[1919] 4 E. Madison St.

ISRAEL WILLIAM NACHLAS, M. D., *Instructor in Clinical Orthopedic Surgery*

A. B., Johns Hopkins University, 1914, and M. D., 1918; *Resident Orthopedic Surgeon.*

[1919] 2312 Eutaw Pl.

REGINALD D. WEST, M. D., *Instructor in Clinical Ophthalmology*

M. D., Baltimore Medical College, 1907; *Dispensary Ophthalmologist.*

[1919] 405 N. Charles St.

JAY MCLEAN, M. D., *Instructor in Surgery*

S. B., University of California, 1914; A. M., University of Pennsylvania, 1917; M. D., Johns Hopkins University, 1919; Fellow, National Research Council, 1922-24 (Liebig Str. 20, Leipzig); *Assistant Resident Surgeon.*

[1919] [Absent on leave]

AGNES LATIMER BACON, A. B., *Volunteer Assistant in Biometry and Vital Statistics, School of Hygiene and Public Health*

A. B., Wellesley College, 1897.

[1919] 2316 N. Calvert St.

LESLIE NEWTON GAY, M. D., *Instructor in Clinical Medicine*

Ph. B., Lafayette College, 1913; M. D., Johns Hopkins University, 1917; *Dispensary Physician.*

[1919] 704 Cathedral St.

FREDERICK WILBUR MEDAUGH, B. OF ENG., *Instructor in Civil Engineering*

B. of Eng., Vanderbilt University, 1916.

[1919] 313 E. 31st St.

DONALD LESLIE AUGUSTINE, S. B., *Assistant in Medical Zoölogy, School of Hygiene and Public Health*

S. B., Macalester College, 1918, and Adjunct Professor of Biology, 1919-20.

[1920] Y. M. C. A.

LAWRENCE HENRY BAKER, PH. D., *Instructor in Greek*

A. B., Johns Hopkins University, 1917, Fellow, 1919-20, and Ph. D., 1920.

[1920] 3306 Gilman Terr.

FREDERICK KELLER BELL, PH. D., *Instructor in Pharmacology*

A. B., Johns Hopkins University, 1916, and Ph. D., 1920.

[1920] 821 W. Lanvale St.

EDWIN NASH BROYLES, M. D., *Instructor in Laryngology*

S B., University of Georgia, 1915; M. D., Johns Hopkins University, 1919.

[1920] The Gilman Apartments

NORMAN BROWN COLE, M. D., *Assistant in Clinical Medicine*

A. B., Harvard University, 1909, and M. D., 1914; *Assistant Dispensary Physician.*

[1920] 1035 N. Calvert St.

THOMAS F. COMBER, JR., S. B. IN C. E., *Instructor in Civil Engineering*

S. B. in C. E., Massachusetts Institute of Technology, 1914, and Assistant in Civil Engineering, 1914-15.

[1920] Johns Hopkins Club

VENTON L. DOUGHTIE, B. S. IN M. E., *Instructor in Mechanical Engineering*

B. S. in M. E., University of Texas, 1920, and Assistant in Mechanical Engineering, 1919-1920; Service Engineer of the Westinghouse Electric Company, 1920.

[1920] [Absent on leave]

WILLIAM THURBER FALES, S. B., C. P. H., *Instructor in Epidemiology, School of Hygiene and Public Health*

S. B., Massachusetts Institute of Technology, 1917; C. P. H., School of Public Health of Harvard University and the Massachusetts Institute of Technology, 1920.

[1920] 2938 Clifton Av.

ROBERT YOE FECHTIG, M. D., *Instructor in Clinical Ophthalmology*

M. D., Hahnemann Medical College, 1894; *Assistant Dispensary Ophthalmologist.*

[1920] 29 E. Mt. Vernon Place

ANDREW COLIN GILLIS, M. D., *Instructor in Clinical Neurology*

M. D., College of Physicians and Surgeons (Balt.), 1904; *Assistant Dispensary Neurologist.*

[1920] 914 N. Charles St.

WATSON WOMACK GRAY, M. D., *Instructor in Obstetrics*

A. B., Randolph-Macon College, 1915; M. D., Johns Hopkins University, 1919; *Resident Obstetrician.*

[1920] The Johns Hopkins Hospital

HUGH WILSON JOSEPHS, M. D., *Instructor in Pediatrics*

A. B., Harvard University, 1914; M. D., Johns Hopkins University, 1919; *Assistant Resident Pediatrician.*

[1920] The Johns Hopkins Hospital

FRANK WOLFERT KOUWENHOVEN, M. E., *Instructor in Mechanical Engineering*

M. E., Brooklyn Polytechnic Institute, 1916.

[1920] 3014 Guilford Av.

JOHN HAROLD LAMPE, B. S. IN ENG., *Instructor in Electrical Engineering*

B. S. in Eng., Johns Hopkins University, 1918.

[1920] 221 W. 29th St.

FRANCIS EDWARDS ALOYSIUS LITZ, PH. D., *Instructor in English*

A. B., St. Mary's University (Balt.), 1912, and A. M., 1914; Fellow, Johns Hopkins University, 1915-16, and Ph. D., 1921; Instructor in English, University of Texas, 1919-20; Secretary, American Literature Group, Modern Language Association, 1921-23.

[1920] 817 E. 33d St.

OTTO RUDOLPH ORTMANN, *Instructor in Psychology*

Instructor, Peabody Conservatory of Music.

[1920] 1713 E. Fairmount Av.

FREDERICK LEET REICHERT, M. D., *Instructor in Surgery*

Ph. B., Franklin and Marshall College, 1916; M. D., Johns Hopkins University, 1920; *Assistant Resident Surgeon.*

[1920] The Johns Hopkins Hospital

RAYMOND CLEVELAND SALTER, SC. D., *Instructor in Bacteriology, School of Hygiene and Public Health*

S. B., University of Wisconsin, 1915; S. M., Iowa State College, 1918; Fellow, Johns Hopkins University, 1919-20, and Sc. D. in Hygiene, 1920; Chief, Bureau of Bacteriology, Maryland State Department of Health.

[1920] 1923 Park Av.

DAVID CORBIN STREET, M. D., *Assistant in Clinical Medicine*

A. B., Johns Hopkins University, 1908, and M. D., 1912; *Dispensary Physician*

[1920] 712 Park Av.

HENRY M. THOMAS, JR., M. D., *Instructor in Clinical Medicine*

S. B., Haverford College, 1912; M. D., Johns Hopkins University, 1916; *Physician in charge, Dispensary.*

[1920] 1228 Madison Av.

JULIA ERNESTINE BECKER, S. B., *Assistant in Bio-Chemistry, School of Hygiene and Public Health*

S. B., Cornell University, 1918; U. S. Food Administration, 1918-1919.

[1921] 4015 Brookline Av.

C. SYDNEY BURWELL, M. D., *Instructor in Medicine*

A. B., Allegheny College, 1914; M. D., Harvard University, 1919; *Assistant Physician.*

[1921] 708 N. Carrollton Av.

SAMUEL REED DAMON, PH. D., *Instructor in Bacteriology, School of Hygiene and Public Health*

Ph. B., A. M., and Ph. D., Brown University, 1916, 1917, and 1921; Assistant Bacteriologist, Rhode Island State Board of Health, 1920-1921; Lecturer in Bacteriology, Clark University, 1921.

[1921] 1220 *Linden Av.*

JOHN GRAHAM EDWARDS, PH. D., *Instructor in Physiology*

A. B. and A. M., University of Virginia, 1915; Adam T. Bruce Fellow, Johns Hopkins University, 1920-21, Ph. D., 1921, and Assistant in Zoology, 1921-22.

[1921] 3125 N. Calvert St.

ELMER BERT FREEMAN, M. D., *Instructor in Clinical Medicine*

S. B., Austin College (Ill.), 1896; M. D., Baltimore Medical College, 1900.

[1921] 412 Cathedral St.

MARY GOVER, SC. D., *Instructor in Biometry and Vital Statistics, School of Hygiene and Public Health*

A. B., Goucher College, 1913; A. M., Johns Hopkins University, 1917, and Sc. D. in Hygiene, 1923.

[1921] 307 E. 30th St.

ROBERT ROGER HANNON, M. D., *Instructor in Medicine*

S. B., University of Washington, 1915; M. D., Johns Hopkins University, 1920; *Assistant Resident Physician.*

[1921] The Johns Hopkins Hospital

WILLIAM ALBERT HOFFMAN, S. B., *Assistant in Entomology, School of Hygiene and Public Health*

S. B., Cornell University, 1917; Teaching Fellow, Iowa State College, 1917-1918; Assistant, U. S. Bureau of Entomology, 1918-20; Assistant State Entomologist, New York, 1920-21.

[1921] 2118 Penrose Av.

JOHN GARDINER HUCK, M. D., *Instructor in Medicine*

A. B., Johns Hopkins University, 1913, and M. D., 1918; *Assistant Physician.*

[1921] Homewood Apts.

SCHACHNE ISAACS, A. M., *Instructor in Psychology*

A. B., University of Cincinnati, 1910, and A. M., 1912.

[1921] 3711 Towanda Av.

CURT P. RICHTER, PH. D., *Instructor in Psycho-Biology*

S. B., Harvard University, 1917, and Assistant in Pathology, 1916-17; Ph. D., Johns Hopkins University, 1921.

[1921] 614 Reservoir St.

WILLIAM FRANCIS RIENHOFF, JR., M. D., *Instructor in Surgery*

A. B., Cornell University, 1915; M. D., Johns Hopkins University, 1919; *Assistant Resident Surgeon.*

[1921] The Johns Hopkins Hospital

GEORGE ADOLPH STEWART, M. D., *Instructor in Clinical Surgery*

A. B., Johns Hopkins University, 1907, and M. D., 1911; Visiting Surgeon, St. Agnes Hospital; *Assistant Dispensary Surgeon.*

[1921] 2427 Madison Av.

THOMAS C. WHITNER, JR., PH. D., *Instructor in Chemistry*

B. S., Georgia School of Technology, 1916; Ph. D., Johns Hopkins University, 1920.

[1921] 2419 St. Paul St.

ABEL WOLMAN, B. S. IN ENG., *Instructor in Sanitary Engineering, School of Hygiene and Public Health*

A. B. and B. S. in Eng., Johns Hopkins University, 1913 and 1915; Chief Engineer, Maryland State Department of Health, 1918; Editor in chief, *Journal American Water Works Association.*

[1921] 1911 Eutaw Place

FRED HAROLD ALLEN, M. D., *Instructor in Psychiatry*

A. B., University of California 1913 and A. M., 1916; M. D., Johns Hopkins University, 1921; *Resident Psychiatrist.*

[1922] The Johns Hopkins Hospital

WILMAR MASON ALLEN, M. D., *Instructor in Obstetrics*

A. B., Haverford College, 1916; M. D., Johns Hopkins University, 1920; *Assistant Resident Obstetrician.*

[1922] The Johns Hopkins Hospital

CECIL H. BAGLEY, M. D., *Instructor in Surgery*

A. B., Johns Hopkins University, 1917, and M. D., 1921; *Assistant Resident Physician.*

[1922] The Johns Hopkins Hospital

EARL L. BURKY, S. B., *Assistant in Bacteriology*

S. B., University of Pennsylvania, 1920, and Scott Research Fellow in Hygiene, 1920-21.

[1922] 518 N. Broadway

EDGAR EVERETT DUNCAN, M. D., *Instructor in Obstetrics*

A. B., University of Arkansas, 1915; M. D., Johns Hopkins University, 1919; *Assistant Resident Obstetrician.*

[1922] The Johns Hopkins Hospital

AUGUSTUS ROI FELTY, M. D., *Instructor in Medicine*
A. B., Yale University, 1916; M. D., Johns Hopkins University, 1920; *Assistant Resident Physician.*
[1922] The Johns Hopkins Hospital

WARFIELD MONROE FIROR, M. D., *Instructor in Surgery*
A. B., Johns Hopkins University, 1917, and M. D., 1921; *Assistant Resident Surgeon.*
[1922] The Johns Hopkins Hospital

FRANK RODOLPH FORD, M. D., *Instructor in Medicine*
A. B., Johns Hopkins University, 1916, and M. D., 1920.
[1922] The Johns Hopkins Hospital

GEORGE HENRY GARDNER, M. D., *Assistant in Pathology*
A. B., Wittenberg College, 1917; M. D., Johns Hopkins University, 1921; *Assistant Resident Surgeon in Gynecology.*
[1922] The Johns Hopkins Hospital

LAWRENCE GETZ, M. D., *Instructor in Pathology*
A. B., Johns Hopkins University, 1914, and M. D., 1918.
[1922] 1111 W. Lanvale St.

ROBERT CARLYLE GILLIES, A. B., *Instructor in Political Economy*
A. B., Princeton University, 1920.
[1922] Homewood

GEORGE H. GROVE, M. D., *Assistant in Clinical Medicine*
M. D., University of Maryland, 1918; *Assistant Dispensary Physician.*
[1922] 1000 Cathedral St.

JULIAN DERYL HART, M. D., *Instructor in Pathology*
A. B., Emory University, 1916 and A. M., 1917; M. D., Johns Hopkins University, 1921; *Assistant Resident in Surgical Pathology.*
[1922] The Johns Hopkins Hospital

ARTHUR LEE HICHEW, M. D., *Assistant in Clinical Orthopedic Surgery*
M. D., Maryland Medical College, 1913; *Assistant Dispensary Surgeon.*
[1922] 330 N. Charles St.

JUSTINA HAMILTON HILL, M. S., *Instructor in Urology*
A. B., Smith College, 1916; M. S., University of Michigan, 1917; *Bacteriologist, Brady Urological Institute.*
[1922] 1728 St. Paul St.

WILLIAM SAMUEL HOFFMAN, PH. D., *Assistant in Physiological Chemistry*
A. B., Johns Hopkins University, 1918, and Ph. D., 1922.
[1922] 3917 Forest Park Av.

L. EMMETT HOLT, JR., M. D., *Instructor in Pediatrics*
A. B., Harvard University, 1916; M. D., Johns Hopkins University, 1920.
[1922] 3956 Cloverhill Rd.

FRANK BERGNER KINDELL, M. D., *Instructor in Pathology*
A. B., Oberlin College, 1915; M. D., Johns Hopkins University, 1922.
[1922] The Johns Hopkins Hospital

FOSTER ELLIS KLINGAMAN, A. M., *Instructor in Physics*
B. S., Gettysburg College, 1921, and A. M., 1922.
[1922] 2724 Maryland Av.

LOUIS FREDERICK KRUMREIN, M. D., *Assistant in Clinical Medicine*

A. B.. George Washington University, 1914; M. D., Johns Hopkins University, 1918; *Assistant Dispensary Physician.*

[1922] 722 Kenwood Av.

LAWRENCE SCHLESINGER KUBIE, M. D., *Instructor in Psychiatry*

A. B., Harvard University, 1916; M. D., Johns Hopkins University, 1921.

[1922] 535 N. Wolfe St.

ORTHELLO RICHARDSON LANGWORTHY, M. D., *Instructor in Anatomy*

A. B., Colgate University, 1918, and A. M., 1921; M. D., Johns Hopkins University, 1922.

[1922] 606 N. Broadway

RICHARD S. LYMAN, M. D., *Instructor in Psychiatry*

A. B., Yale University, 1918; M. D., Johns Hopkins University, 1921.

[1922] 301 University Parkway

PAUL BEATTIE MACCREADY, M. D., *Instructor in Laryngology*

S. B., Princeton University, 1916; M. D., Johns Hopkins University, 1921.

[1922] 1217 E. Preston St.

JAMES GRAHAM MARSTON, M. D., *Assistant in Immunology, School of Hygiene and Public Health*

A. B., Johns Hopkins University, 1913; M. D., University of Maryland, 1917; Assistant Surgeon, U. S. Public Health Service, 1918 to 1921.

[1922] 3908 Duvall Av.

JAMES PATRICK MOLLOY, JR., M. D., *Instructor in Psychiatry*

A. B., St. Ignatius College (Chicago), 1916; M. D., Johns Hopkins University, 1921.

[1922] The Johns Hopkins Hospital

WILLIAM J. ORR, M. D., *Instructor in Pediatrics*

M. D., University of Buffalo, 1920.

[1922] 702 N. Broadway

WILLIAM A. PERLZWEIG, PH. D., *Instructor in Medicine*

S. B., Columbia University, 1913, A. M., 1914, and Ph. D., 1915; *Chemist to the Medical Clinic.*

[1922] 2407 Madison Av.

JOSEPH B. PINCUS, M. D., *Assistant in Pediatrics*

S. B., Columbia University, 1919, and M. D., 1921; *Assistant Dispensary Physician.*

[1922] 520 N. Broadway

GEORGE WILLIAM SMALL, PH. D., *Instructor in English*

A. B., University of Tennessee, 1916; A. M., Johns Hopkins University, 1921, and Ph. D., 1923.

[1922] The Terraces, Mt. Washington

MARGARET GLADYS SMITH, M. D., *Instructor in Pathology*

A. B., Mt. Holyoke College, 1918; M. D., Johns Hopkins University, 1922.

[1922] 1237 N. Caroline St.

KO-CHI SUN, M. D., *Assistant in Obstetrics*

A. B., Johns Hopkins University, 1918, and M. D., 1922; *Assistant Resident Obstetrician.*

[1922] The Johns Hopkins Hospital

FRANCIS HUNTINGTON SWETT, PH. D., *Instructor in Anatomy*

A. B., Yale University, 1916, A. M., 1917, and Ph. D., 1922; Assistant, Yale Medical School, 1921-22.

[1922] 600 N. Broadway

RICHARD WESLEY TE LINDE, M. D., *Assistant in Gynecology*

A. B., University of Wisconsin, 1917; M. D., Johns Hopkins University, 1920; *Assistant Resident Surgeon.*

[1922] The Johns Hopkins Hospital

ERWIN WILLIAM TSCHUDI, A. M., *Instructor in Physics*

A. B., University of Cincinnati, 1920, and A. M., 1921.

[1922] 216 Prospect Av.

ALEXANDER ASHLEY WEECH, M. D., *Instructor in Pediatrics*

A. B., Johns Hopkins University, 1917, and M. D., 1921; *Assistant Resident Pediatrician.*

[1922] The Johns Hopkins Hospital

LAURENCE G. WESSON, PH. D., *Instructor in Physiological Chemistry*

S. B., Worcester Polytechnic Institute, 1910; Ph. D., Harvard University, 1919; Instructor, Case School of Applied Science, 1915-17.

[1922] 4013 Ridgewood Av.

CAROL VAN BUREN WIGHT, PH. D., *Instructor in Latin and English*

A. B., Johns Hopkins University, 1919, A. M., 1921, Ph. D., 1922, Edmund Law Rogers Fellow, 1921-22.

[1922] 2417 Maryland Av.

HOWARD BANCROFT ANDERVONT, S. B., *Assistant in Filterable Viruses, School of Hygiene and Public Health*

S. B., Mount Union College, 1923.

[1923] 3323 Alto Av.

ARTHUR O. BABENDREIER, *Instructor in Drawing*

Sometime Instructor in the Maryland Institute, Baltimore.

[1923] 2620 Reisterstown Rd.

ANNA MEDORA BAETJER, A. B., *Assistant in Physiology, School of Hygiene and Public Health*

A. B., Wellesley College, 1920.

[1923] 500 Roland Av.

CHARLES YOUNG BIDGOOD, M. D., *Assistant in Urology*

S. B., University of Virginia, 1918 and M. D., 1920; *Resident Urologist.*

[1923] The Johns Hopkins Hospital

ALFRED BLALOCK, M. D., *Assistant in Surgery*

A. B., University of Georgia, 1198; M. D., Johns Hopkins University, 1922; *Assistant Resident Surgeon.*

[1923] The Johns Hopkins Hospital

CURTIS FIELD BURNAM, *Lecturer in Radium Therapy*

A. B., Central University (Ky.), 1895; M. D., Johns Hopkins University, 1900; Assistant Resident and Resident Gynecologist, 1901-1904; Associate in Gynecology, 1904-14.

[1923] 1418 Eutaw Pl.

RICHARD THRELKELD COX, A. B., *Instructor in Physics*

A. B, Johns Hopkins University, 1920.

[1923] Homewood

ROBERT GLENN CRAIG, M. D., *Assistant in Gynecology*

A. B., Washington and Lee University, 1917; M. D., Johns Hopkins University, 1922; *Assistant Resident Gynecologist.*

[1923] The Johns Hopkins Hospital

MARIAN MINOR CRANE, M. S., *Assistant in Physiology*

A. B., Smith College, 1918; M. S., Washington University (St. Louis), 1921; Chemist, Arizona State Laboratory, 1921-1922.

[1923] 724 N. Broadway

HENRY LAURAN DARNER, M. D., *Instructor in Gynecology*

A. B., Western Maryland College, 1916; M. D., Johns Hopkins University, 1920; *Resident Gynecologist.*

[1923] The Johns Hopkins Hospital

CHARLES AUSTIN DOAN, M. D., *Assistant in Anatomy*

S. B., Hiram College, 1918; M. D., Johns Hopkins University, 1923.

[1923] 600 N. Broadway

JOHN LANAHAN DORSEY, M. D., *Assistant in Clinical Medicine*

A. B., Johns Hopkins University, 1914, and M. D., 1918; *Assistant Dispensary Physician.*

[1923] 1129 St. Paul St.

MARY LORETTE DOUGHERTY, A. M., *Instructor in Education*

P. B., University of Chicago, 1916 and A. M., 1917; Assistant Professor and Professor of Education, Iowa State Teachers College, 1917-19; Director of Tests, Public Schools, Evanston, Illinois, 1922-23.

[1923] 2814 N. Calvert St.

NORMAN FITZHUGH EBERMAN, PH. D., *Instructor in Chemistry*

B. S., Franklin and Marshall College, 1919; Instructor, University of Maine, 1919-21, and M. S., 1921; Ph. D., Johns Hopkins University, 1923.

[1923] 124 Overland Av.

STUART WILSON EGERTON, M. D., *Assistant in Laryngology*

A. B., Johns Hopkins University, 1918, and M. D., 1922.

[1923] Tudor Hall

WILEY DAVIS FORBUS, M. D., *Assistant in Pathology*

A. B., Washington and Lee University, 1916; M. D., Johns Hopkins University, 1923; *Assistant Resident in Surgical Pathology.*

[1923] The Johns Hopkins Hospital

JONAS STEIN FRIEDENWALD, M. D., *Instructor in Pathology*

A. B., Johns Hopkins University, 1916, and M. D., 1920.

[1923] 1029 Madison Av.

CLARENCE ZENT GARBER, M. D., *Assistant in Pathology*

A. B., Oberlin College, 1918; M. D., Johns Hopkins University, 1923.

[1923] 518 N. Broadway

ROBERT DICK GILLESPIE, M. D., *Assistant in Psychiatry*

M. B., Ch. B., University of Glasgow, 1920; Diploma in Psychological Medicine, University of London, 1922; McCunn Research Scholar in Physiology, Glasgow University, 1922-23; *Assistant Resident Psychiatrist.*

[1923] The Johns Hopkins Hospital

ARTHUR GROLLMAN, PH. D., *Instructor in Chemistry*

A. B., Johns Hopkins University, 1920, and Ph. D., 1923.

[1923] 2608 Loyola Southway

ALAN FRANK GUTTMACHER, M. D., *Assistant in Anatomy*

A. B., Johns Hopkins University, 1919, and M. D., 1923.

[1923] 1209 Eutaw Place

GEORGE MARTIN HALL, PH. D., *Instructor in Geology*

A. B., Johns Hopkins University, 1915, and Ph. D., 1923

[1923] 511 *E. 38th St.*

PAUL MYRON HAMILTON, M. D., *Assistant in Pediatrics*

A. B., University of Colorado, 1918; M. D., Johns Hopkins University, 1922; *Assistant Resident Pediatrician.*

[1923] The Johns Hopkins Hospital

ALBERT LARPHIER HAMMOND, A. B., *Instructor in Philosophy*

A. B., Johns Hopkins University, 1914.

[1923] 2315 Maryland Av.

EDWARD M. HANRAHAN, JR., M. D., *Instructor in Clinical Anatomy*

A. B., Cornell University, 1915; M. D., Johns Hopkins University, 1919; *Assistant Dispensary Surgeon.*

[1923] 701 Cathedral St.

GEORGE WEBSTER HAUPT, S. B., *Assistant in Protozoology, School of Hygiene and Public Health*

S. B., Bucknell University, 1922.

[1923] 836 Park Av.

CLYDE ALEXANDER HEATLEY, M. D., *Assistant in Laryngology*

A. B., Union College, 1918; M. D., Johns Hopkins University, 1922; *Resident Laryngologist.*

[1923] The Johns Hopkins Hospital

NATHAN BERNARD HERMAN, M. D., *Assistant in Clinical Medicine*

A. B., Johns Hopkins University, 1914, and M. D., 1918; *Assistant Dispensary Physician.*

[1923] 1012 N. Charles St.

AMOS FRANCIS HUTCHINS, M. D., *Assistant in Clinical Urology*

A. B., St. John's College, 1908, and A. M., 1916; M. D., Johns Hopkins University, 1913; *Dispensary Urologist.*

[1923] 1010 *N. Charles St.*

RHODA MURIEL IVIMEY, M. D., *Assisant in Psychiatry*

A. B., Barnard College, 1911; M. D., Johns Hopkins University, 1922; *Assistant Resident Psychiatrist.*

[1923] The Johns Hopkins Hospital

CHESTER SCOTT KEEFER, M. D., *Assistant in Medicine*

S. B., Bucknell University, 1918; M. D., Johns Hopkins University, 1922; *Assistant Resident Physician.*

[1923] The Johns Hopkins Hospital

BERNARD V. KELLY, M. D., *Assistant in Clinical Ophthalmology*

M. D., College of Physicians and Surgeons, 1913; *Assistant Dispensary Ophthalmologist.*

[1923] 3522 Old York Road

JAROLD ELIJAH KEMP, M. D., *Instructor in Medicine*

A. B., Western Maryland College, 1917; M. D., Johns Hopkins University, 1921.

[1923] 1719 N. Calvert St.

PEARL VIVIAN KONTTAS, M. D., *Assistant in Medicine*

A. B., Reed College, 1918; M. D., Johns Hopkins University, 1923.

[1923] 800 N. Broadway

LEO ALOYSIUS LALLY, M. D., *Assistant in Clinical Medicine*

B. S., St. John's College (Washington, D. C.), 1918; M. D., University of Maryland, 1923.

[1923] 19 N. Luzerne Av.

HENRY ANDREW PETERSEN, M. D., *Assistant in Surgery*

A. B., University of Maine, 1917; M. D., Johns Hopkins University, 1923.

[1923] 518 N. Broadway

HORACE MANN POWELL, SC. D., *Instructor in Immunology, School of Hygiene and Public Health*

A. B., Indiana State Normal School, 1914; Fellow in Immunology, Johns Hopkins University, 1922-23, and Sc. D., 1923.

[1923] 4002 Ridgewood Rd.

CHALERM PROMMAS, M. D., *Voluntary Assistant in Pathology*

M. D., Chulalongkorn University, 1918, D. P. H., Johns Hopkins University, 1923.

[1923] Y. M. C. A.

WILLIAM HARRY RESNIK, M. D., *Assistant in Medicine*

Ph. B., Yale University, 1916; M. D., Johns Hopkins University, 1921; *Assistant Resident Physician.*

[1923] The Johns Hopkins Hospital

GUSTAV RIEHL, M. D., *Instructor in Pathology*

Humanistic Gymnasium, Vienna, 1905-1913; M. D., University of Vienna, 1921.

[1923] 1503 N. Broadway

JACK SANDGROUND, S. M., *Assistant in Helminthology, School of Hygiene and Public Health*

S. B., University College, Johannesburg, 1919, and S. M., 1920.

[1923]

EDGAR POE SANDROCK, M. D., *Assistant in Clinical Medicine*

A. B., Johns Hopkins University, 1903, and M. D., 1907; *Dispensary Physician.*

[1923] 15 W. Preston St.

WILLIAM JOHN SCOTT, M. D., *Assistant in Pediatrics*

A. B., Hampden-Sidney College, 1915; A. M., University of Virginia, 1917; M. D., Johns Hopkins University, 1922; *Assistant Resident Pediatrician.*

[1923] The Johns Hopkins Hospital

SAMUEL MARTIN SEIDLIN, M. D., *Assistant in Pathology*

S. B., Columbia University, 1919; M. D., 1923, and M. A., 1924; Assistant in Chemistry, Columbia University, 1918-1920.

[1923] 430 N. Broadway

WILLIAM EYRE SISSON, M. D., *Assistant in Obstetrics*

A. B., Brown University, 1918; M. D., Johns Hopkins University, 1922.

[1923] The Johns Hopkins Hospital

HANS SMETANA, M. D., *Instructor in Pathology*

Gymnasium Romerstadt, 1904-1912; M. D., University of Vienna, 1922.

[1923] 1503 N. Broadway

ALAN CALLENDER SUTTON, M. D., *Instructor in Clinical Anatomy*

A. B., Johns Hopkins University, 1912, and M. D., 1916; *Assistant Dispensary Physician.*

[1923] 1107 St. Paul St.

HANS CASPAR SYZ, M. D., *Instructor in Psychiatry*

Zürich Gymnasium, 1913; Swiss Staatsexamen, Zürich, 1919; M. D., University of Geneva, 1920.

[1923] The Johns Hopkins Hospital

ROGER KIRKBRIDE TAYLOR, PH. D., *Instructor in Chemistry*

A. B., Johns Hopkins University, 1920, and Ph. D., 1923.

[1923] 2919 St. Paul St.

CLARA MABEL THOMPSON, M. D., *Instructor in Psychiatry*

A. B., Brown University, 1916; M. D., Johns Hopkins University, 1920.

[1923] The Johns Hopkins Hospital

EUGENE NELSON VAN DYKE, M. D., *Assistant in Orthopedic Surgery*

S. B., Princeton University, 1916; M. D., Johns Hopkins University, 1920; Instructor in Orthopedic Surgery, Iowa State University Medical School, Iowa City, 1922-23; *Assistant Resident Surgeon in Orthopedics.*

[1923] The Johns Hopkins Hospital

GING HSI WANG, PH. D., *Assistant in Psycho-Biology*

A. B., National University (Peking), 1919; Ph. D., Johns Hopkins University, 1923.

[1923] 1209 N. Broadway

HARRY WASSERMAN, M. D., *Assistant in Clinical Medicine*

A. B., Johns Hopkins University, 1918, and M. D., 1922; *Assistant Dispensary Physician.*

[1923] 1708 Linden Av.

FREDERICK IGNACE WERTHEIMER, M. D., *Instructor in Psychiatry*

Neues Gymnasium, Nürnburg, 1913; M. D., University of Wurzburg, 1921.

[1923] The Johns Hopkins Hospital

JAMES CLARK WHITE, M. D., *Assistant in Pathology*

A. B., Harvard University, 1917, and M. D., 1923.

[1923] Pikesville

AUSTIN HISLOP WOOD, M. D., *Assistant in Clinical Urology*

M. D., University of Maryland, 1914; *Dispensary Urologist*

[1923] 817 Park Av.

HAROLD EDSON WRIGHT, M. D., *Assistant in Clinical Medicine*

M. D., University of Maryland, 1919; Associate in Physiology, *ibid.*, 1919-1923; *Assistant Dispensary Physician.*

LLOYD HIRAM ZIEGLER, M. D., *Assistant in Psychiatry*

A. B., Indiana University, 1914, and A. M., 1916; Fellow in Psychology, Indiana University, 1915-16; M. B., University of Minnesota, 1920; M. D., University of Minnesota, 1921; Instructor in Clinical Psychiatry, George Washington University Medical School, 1920-21

[1923] The Johns Hopkins Hospital

ADDITIONAL INSTRUCTORS

COLLEGE COURSES FOR TEACHERS

ALFRED BREIT — *Russian*

CHAO MING CHEN, A. B. — *Chinese*

WALTER F. COBB, M. D. — *Education*

Director of Physical Education and Hygiene, Public Schools, Baltimore.

JOHN J. DAVIS, S. B. — *French*

Fellow by Courtesy in Romance Languages.

PHILIP DOUGHERTY, A. M. — *Education*
Head of Department of History and Civics, Polytechnic Institute, Baltimore.

CARLETON E. DOUGLASS, A. M. — *Education*
Assistant Superintendent, Public Schools, Baltimore.

VICTOR DULAC, PH. D. — *French*
Professor of French, College of Notre Dame.

CLARICE EVANS, S. B. — *Education*
Director of Fine and Industrial Arts, Teachers Training School, Baltimore.

GRACE C. FAIRBANK — *Education*
Supervisor of Mathematics, Junior High Schools, Baltimore.

LESLIE H. INGHAM, PH. D. — *Education*
Head of Department of Science, City College, Baltimore.

JOHN W. LEWIS, A. B. — *Education*
Director of Americanization, Public Schools, Baltimore.

FOLGER MCKINSEY — *Journalism*
Editorial Staff, *The Sun*, Baltimore.

ETHEL M. STALEY, A. B. — *French*

ALTA E. THOMPSON, S. B. — *Education*
Instructor in English, Teachers Training School, Baltimore.

JOHN N. WARE, A. M. — *French*
Professor of Modern Languages, University of the South.

WINIFRED WELDIN, S. B. — *Education*
Director of Kindergarten–Primary Department, Teachers Training School, Baltimore.

ELISABETH G. WHITE, S. B. — *Education*
Head of Department of Mathematics, Eastern High School, Baltimore.

FRANCES ZUILL, A. M. — *Home Economics*
Supervisor of Home Economics, Public Schools, Baltimore.

WILFRED A. BEARDSLEY, PH. D. — *Spanish*
Professor of Romance Languages, Goucher College.

NIELS H. DEBEL, PH. D. — *Political Science*
Professor of Political Science, Goucher College.

KATHERINE J. GALLAGHER, PH. D. — *History*
Professor of History, Goucher College.

ANNETTE B. HOPKINS, PH. D. — *English*
Professor of English, Goucher College.

ERNEST P. KUHL, PH. D. — *English*
Professor of English, Goucher College.

RAYMOND P. HAWES, PH. D. — *Philosophy*
Assistant Professor of Philosophy, Goucher College.

ANNA IRENE MILLER, PH. D. — *English*
Assistant Professor of English, Goucher College.

JOHN VALENTINE NOBLE — *Spanish*

GUSTAVE L. VAN ROOSBROECK, PH. D. — *French*
Assistant Professor of Romance Languages, University of Minnesota.

JOHN L. STENQUIST, PH. D. — *Education*
Director, Bureau of Statistics and Research.

JULIE L. HEIBEL, A. M. — *Education*

[Besides 37 members of the University staff]

COURSES IN SOCIAL ECONOMICS

RICHARD A. BOLT, M. D. — *Health and Preventable Diseases*
General Director, American Child Hygiene Association.

COURTNEY DINWIDDIE — *Community Problems and Organization*
Director, National Child Health Council.

FRANCIS LEE DUNHAM, M. D. — *Social Medicine*
Psychiatrist, Maryland Child Labor Commission.

[Besides 7 members of the University staff]

COURSES IN BUSINESS ECONOMICS

J. WALLACE BRYAN, PH. D., LL. B., C. P. A. — *Elementary Accounting*

EVERT C. PALMER. — *Principles of Salesmanship*

J. EARLE UHLER, A. B. — *Business English; Public Speaking*

EDWIN T. DICKERSON, A. M., LL. B. — *Commercial Law*
Law School of the University of Maryland.

GEORGE L. RADCLIFFE, PH. D., LL. B. — *Principles of Suretyship*
Vice-President, Fidelity and Deposit Company.

W. CURTIS STITH, JR., A. B. — *Principles of Advertising*

GEORGE J. CLAUTICE — *Credits and Business Barometrics*

ALFRED H. HAAG — *Merchant Shipping*

[Besides 8 members of the University staff]

NIGHT COURSES FOR TECHNICAL WORKERS

PAUL N. DARRINGTON, M. E. — *Mechanical Engineering*

FRANK FAHM, JR., C. E. — *Civil Engineering*

JEFFERSON C. GRINNALDS, LL. B. — *Civil Engineering*

HENRY C. LOUIS, A. B., M. E. — *Electrical Engineering*

[Besides 13 members of the University staff]

SUMMER COURSES, 1922

ENGLISH BAGBY, PH. D. — *Psychology*
Assistant Professor of Psychology, Yale University

FLORENCE E. BAMBERGER, PH. D. — *Education*
Associate Professor of Education

WILFRED A. BEARDSLEY, PH. D. — *Spanish*
Professor of Romance Languages, Goucher College

FOWLER D. BROOKS, PH. D. — *Education*
Associate in Education

ALICE G. BUCHER
Geography and Science, Junior High Grades, Demonstration School
Teacher, Junior High School, Baltimore

EDWARD F. BUCHNER, PH. D. — *Director*
Professor of Education

ANNA M. CHESNO — *5A Grade, Demonstration School*
Teacher, Demonstration School of the Teachers Training School, Baltimore

OLIVER P. CHITWOOD, PH. D. — *History*
Professor of History, West Virginia University

WALTER F. COBB, M. D. — *Education*
Director of Physical Education and Hygiene, Public Schools, Baltimore

RHEINART P. COWLES, PH. D. — *Biology*
Associate Professor of Zoology

JOHN J. DAVIS, B. S. — *French*
Instructor in French

NIELS H. DEBEL, PH. D. — *Political Science*
Professor of Political Science, Goucher College

RUTH I. DENNY — *2nd Grade, Demonstration School*
Teacher, Eastern Liggett School, Detroit, Michigan

JOHN DENUES — *Public School Music*
Supervisor of Music, Public Schools, Baltimore

CARLETON E. DOUGLASS, A. M. — *Education*
Assistant Superintendent, Public Schools, Baltimore

ALBERT G. ELDRIDGE, A. M. — *Education and Geography*
Instructor in Geography and History, State Normal School, North Adams, Mass.

SOL BARUCH FINESINGER, A. B. — *Arabic*
Rayner Fellow in Semitic Languages

AGNES M. FLINN — *Education*
Leader of Public Athletic League, Baltimore

ALLEN W. FREEMAN, M. D. — *School Hygiene*
Resident Lecturer in Public Health Administration

GEORGE M. GAITHER — *Manual and Industrial Arts*
Supervisor of Industrial Education, Public Schools, Baltimore

ACHSAH E. GIBSON
History and Civics, Junior High Grades, Demonstration School
Teacher, Junior High School, Baltimore

J. ELLIOTT GILPIN, PH. D. — *Chemistry*
Collegiate Professor of Chemistry

ALBERT L. HAMMOND, A. B. — *Philosophy*
Instructor in Philosophy, College Courses for Teachers

HOWARD F. HART, A. M. — *Education*
Head of Department of Mathematics, Montclair High School, N. J.

ANABEL E. HARTMAN, A. M. — *English*
Instructor in English, University of Illinois

CAROLINE HAYDEN *Mathematics, Junior High Grades, Demonstration School*
Teacher, Junior High School, Baltimore

ELEANOR C. HEAVEY
French and Latin, Junior High Grades, Demonstration School
Teacher, Junior High School, Baltimore

PERCY L. KAYE, PH. D. — *Economics*
Head of Department of History and Economics, Baltimore City College

CHARLES W. LEMMI, A. M. — *Italian*
Assistant Professor of French and Italian, Goucher College

JOHN W. LEWIS, A. B. — *Education*
Director of Americanization, Public Schools, Baltimore

EUGENE B. LINK — *Manual and Industrial Arts*
Instructor in Electricity, Baltimore Polytechnic Institute

FRANCIS E. A. LITZ, PH. D. — *English*
Instructor in English

N. ANNETTE MANN, B. S. *English, Junior High Grades, Demonstration School*
Supervisor-Elect of English, Junior High Schools, Baltimore

M. GENEVIEVE MCGUINESS *6A Grade, Demonstration School*
Supervisor-Elect of Intermediate Grades, Public Schools, Baltimore

SARAH MESEROLL, S. B. *Education*
Supervising Assistant, Elmwood School, East Orange, N. J.

FRANCIS D. MURNAGHAN, PH. D. *Mathematics*
Associate Professor of Applied Mathematics

JOHN B. OPDYCKE, A. M. *Education*
New York City High Schools

OLIVIA O. OSBORN (MRS.) *4A Grade, Demonstration School*
Teacher, Demonstration School of the Teachers Training School, Baltimore

M. ROSE PATTERSON *Principal, Demonstration School*
Principal, Public Schools Nos. 12 and 72, Baltimore

CHARLES A. PETTIT *Manual and Industrial Arts*
Instructor in Carpentry and Pattern Shop, Baltimore Polytechnic Institute

EUGENE W. PRUITT, A. B. *Education*
Superintendent of Schools, Somerset County, Md.

CHARLES E. REEVES, A. M. *Education*
Formerly Superintendent of City Schools, Gregory, S. D.

GUSTAVE L. VAN ROOSBROECK, PH. D. *French*
Assistant Professor of Romance Languages, University of Minnesota

ROBERT B. ROULSTON, PH. D. *German*
Associate Professor of German

M. PAULINE RUTLEDGE *1st Grade, Demonstration School*
Critic and Demonstration Teacher, School of Education, University of Delaware

RAY K. SAVAGE, A. M. *Education*
Principal, Jefferson Junior High School, Rochester, N. Y.

J. GRACE SHAMBERGER *3rd Grade, Demonstration School*
Teacher, Public School No. 223, Baltimore

AGNES SNYDER, S. B. *Education*
Director of Student Teaching, School of Education, University of Delaware

ELLEN K. STACK *Kindergarten Assistant, Demonstration School*
Kindergarten Assistant, Public School No. 65, Baltimore

ROGER K. TAYLOR, A. B. *Chemistry*
Assistant in Chemistry

RAYMOND S. TOMPKINS, LL. B. *Journalism*
Editorial Staff of *The Sun,* Baltimore, Md.

ALBERT T. VOLWILER, PH. D. *Education*
Harrison Research Fellow in History, University of Pennsylvania

S. KENDIG WALLACE, A. B. *Biology*
Assistant in Biology

LETTILDA I. WAREHEIM *Kindergarten, Demonstration School*
Kindergarten Teacher, Public School No. 65, Baltimore

CARL J. WEBER, A. M. *English*
Head of Department of English, Colby College

DAVID E. WEGLEIN, PH. D. *Education*
Associate in Education; Assistant Superintendent of Public Schools, Baltimore

FRANCIS ZUILL, A. M. *Home Economics*
Supervisor of Home Economics, Public Schools, Baltimore

LECTURERS

THE JAMES SCHOULER LECTURESHIP

SIR PAUL VINOGRADOFF, Corpus Professor of Jurisprudence, Oxford University
The Relation of Political Science and Jurisprudence. [Four lectures]

THE GEORGE HUNTINGTON WILLIAMS MEMORIAL LECTURESHIP

COUNT ALBERT APPONYI, formerly Minister of Education of Hungary, and head of the Hungarian Peace Delegation at the Paris Conference, 1919
The Present Situation in the Near East.

BEFORE THE FOLLOWING DEPARTMENTS OF INSTRUCTION

Biology

FREDERICK V. RAND, PH. D., Department of Agriculture, Washington, D. C.
Bacteriology

History

TYLER DENNETT, A. B., of Washington, D. C.
American Commercial Policies in Eastern Asia.

Hygiene and Public Health

JOHN S. FULTON, M. D., Secretary, State Board of Health of Maryland
Public Health

WILLIAM T. HOWARD, M. D., of Baltimore
Biometry and Vital Statistics

CHARLES H. JONES, M. D., Commissioner of Health, Baltimore
Public Health

WILLIAM F. SNOW, M. D., General Director, American Social Hygiene Association
Venereal Diseases

J. H. MASON KNOX, JR., PH. D., M. D., of the Johns Hopkins Medical School
Child Hygiene.

Medicine

WILLIAM WEBBER FORD, M. D., D. P. H., of the School of Hygiene
Hygiene

EVANDER FRANCIS KELLEY, PHAR. D., of Baltimore
Pharmacy

EBEN CLAYTON HILL, M. D.,
Roentgenological Anatomy.

DAVID ISRAEL MACHT, M. D., of Baltimore
Pharmacology

ARTHUR MARRIOTT SHIPLEY, M. D., of Baltimore
Clinical Surgery

CHARLES WARDELL STILES, PH. D., D. SC., LL. D., of the United States Public Health Service
Medical Zoology

CURTIS F. BURMAN, M. D., of Baltimore
Radium Therapy

Political Science

Baron SERGIUS A. KORFF, formerly Professor of Jurisprudence in the University of Helsingfors
Constitutional Law

WILLIAM FRANKLIN WILLOUGHBY, A. B., Director of the Institute for Government Research, Washington
Public Administration

JOHNSTON SCHOLARS

WALTER NORTON HESS — Great Valley, N. Y. — 2506 *N. Charles St.*
A. B. Oberlin College 1913; Instructor, Pennsylvania State College 1913-15; A. M. Cornell University 1916 and Ph. D. 1919; Professor of Biology, De Pauw University, 1917– I
Zoölogy

GEORGE YURI RAINICH — Baltimore — 2328 *Guilford Av.*
University of Odessa 1908; Master of Pure Mathematics, University of Kazan 1913, Privatdozent 1912-17 and Professor 1917-18; Instructor, University of Odessa 1919-1922 I
Mathematics

GILBERT HAWTHORNE TAYLOR — Baltimore — 3044 *Guilford Av.*
A. B. De Pauw University 1909; Fellow, University of Michigan, 1910-14, Ph. D. 1914 and Instructor 1914-16; Fellow, American Academy in Rome, 1916-20; Professor of French and Spanish, Palmer College, 1921-22 II *Latin*

(3)

I. GRADUATE SCHOOL

The Roman numeral signifies year of residence as graduate student

FELLOWS BY COURTESY

WALTER RAYMOND AGARD — Anne Arundel Co. — *Annapolis*
A. B. Amherst College 1915; B. Litt. Oxford University 1921; Professor of Greek and Latin, St. John's College, 1923- I *Archaeology*

ERNEST JULIUS BECKER — Baltimore — 220 *W. Lanvale St.*
A. B. Johns Hopkins University 1894 and Ph. D. 1898; Principal, Western High School 1920- *Education*

ISRAEL EFROS — Baltimore — 3516 *Holmes Av.*
A. B. New York University 1913; A. M. Columbia University 1914 and Ph. D. 1915; Rayner Fellow, Johns Hopkins University 1918; Dean, Baltimore Hebrew College 1919- II *Philosophy*

ALEXANDER ELLET — Browning, Mo. — 2654 *Maryland Av.*
A. B. University of Colorado 1920; Instructor, Johns Hopkins University, 1922-23 II *Physics*

RAYMOND PHILIP DOUGHERTY — Baltimore — 1602 *Eutaw Pl.*
A. B. Lebanon Valley College 1897 and A. M. 1903; B. D. Bonebrake Theological Seminary 1910; Ph. D. Yale University 1918; Professor of Biblical Literature, Goucher College 1918- IV *Semitic Languages*

RAYMOND P. HAWES — Baltimore — 2206 *Barclay St.*
A. B. Brown University 1912 and A. M. 1913; Ph. D. Cornell University 1920; Assistant Professor of Philosophy, Goucher College 1920- IV *Philosophy*

ICHIRO OHGA — Darien, Manchuria — 2221 *Barclay St*
A. M. Tokyo Imperial University 1910; Professor of Botany, Educational Institute, Dairen, Manchuria I *Plant Physiology*

MARJORIE HOPE NICHOLSON — Baltimore — *Goucher College*
A. B. University of Michigan 1914 and A. M. 1918; Ph. D. Yale University 1920; Assistant Professor of English, Goucher College 1923- I *Philosophy*

CHARLES ALBERT SHULL — Chicago — 3014 *N. Calvert St.*
S. B. University of Chicago 1905 and Ph. D. 1915; Associate Professor of Plant Physiology, University of Chicago 1921- I *Plant Physiology*

BROMLEY SMITH — Baltimore — 3031 *Huntington Av.*
A. B. Bucknell University 1895 and A. M. 1896; Professor of English, Bucknell University, 1904-21; Otterbein College 1921-22 II *English*

ALEXANDER WEINSTEIN — Baltimore — 2606 *N. Calvert St.*
B. S. Columbia University 1913, A. M. 1914 and Ph. D. 1917; Research Assistant, Carnegie Institute of Washington 1917-19; Research Felllow, Columbia University 1921-22; Johnston Scholar, Johns Hopkins University 1922-23 II *Zoology*

LOIS WHITNEY — Baltimore — *Goucher College*
B. S. University of Chicago 1914, A. M. 1915 and Ph. D. 1921; Assistant Professor of English, Goucher College 1923- I *Philosophy*

LILLIAN MAY WILSON — Chicago, Ill. — 311 *Suffolk St.*
Ph. B. University of Chicago 1917 and A. M. 1918 II *Archaeology*

OLA ELIZABETH WINSLOW — Baltimore — *Goucher College*
A. B. Leland Stanford Junior University 1906 and A. M. 1914; Associate Professor of English. Goucher College, 1920- III *Sanskrit*

(14)

WILLIAM S. RAYNER FELLOW

SOL BARUCH FINESINGER — Baltimore — 2518 *Keyworth Av.*
A. B. Johns Hopkins University 1921 and A. M. 1923 III *Semitic Languages*

DU PONT DE NEMOURS FELLOWS

ARTHUR EDWARD OWENS — Syracuse, N. Y. — *Y. M. C. A.*
B. S. Syracuse University 1918 III *Chemistry*

DANA PORTER WELD — Atlanta, Ga. — 2523 *Madison Av.*
B. S. in Chem. Arkansas University 1917 and A. M. 1918 II *Chemistry* (2)

CHARLES A. W. VOGELER FELLOW

ELMER GEORGE SUHR — Kent, N. Y. — 2737 *Maryland Av.*
A. B. Wittenberg College 1923 I *Archaeology*

GEORGE PEABODY SCHOLARS

EDWARD EARLE FRANKLIN — Baltimore — 2632 *N. Charles St.*
A. B. Western Maryland College 1921; A. M. Johns Hopkins University 1923 III *Education*

AGNES SNYDER — Baltimore — 4812 *Wayne Av.*
B. S. Johns Hopkins University 1922 II *Education* (2)

WILLIAM H. GRAFFLIN SCHOLAR

JOHN RICHARD SAMPEY, JR. — Louisville, Ky. — 1528 *Linden Av.*
A. B. and B. S. Marion Institute 1918; S. B. University of Chicago 1920, S. M. 1921 and Ph. D. 1923; Assistant in Chemistry, University of Chicago 1922-23 I *Chemistry*

NELA RESEARCH FELLOW

EARNEST WILLIAM ATKINS — Canyon, Texas — *Homewood*
A. B. West Texas State Normal College 1920; A. M. University of North Carolina 1921 II *Psychology*

HYNSON, WESTCOTT AND DUNNING FELLOW

THOMAS BROOKS GRAVE — St. Louis, Mo. — 1318 *Bolton St.*
A. B. Johns Hopkins University 1919 V *Chemistry*

ADAM T. BRUCE FELLOWS

BRUCE LINEBERG — Baltimore — 602 *Parkwyrth Av.*
A. B. Ohio University 1915; A. M. Johns Hopkins University 1923 III *Zoölogy*

JOHN PAUL VISSCHER — Holland, Mich. — 3538 *Old York Rd.*
A. B. Hope College 1917; A. M. Johns Hopkins University 1920 V *Zoölogy*

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(2)

OTHER GRADUATE STUDENTS IN PHILOSOPHY

PAUL ACQUARONE — Providence, R. I. — 600 *Parkwyrth Av.*
Pennsylvania State College I *Botany*

PAUL WILLIAM BACHMAN — Philadelphia, Pa. — 3039 *St. Paul St.*
B. S. Johns Hopkins University 1923 I *Chemistry*

HERBERT NICKSON BAKER — Tonganoxie, Kan. — 3346 *Gilman Ter.*
B. S. Kansas Agricultural College 1920 I *Zoology*

ARTIE FLEET BARRIER — Danville, Va. — 2723 *Maryland Av.*
B. S. Roanoke College 1921 III *Chemistry*

OKIE BAUGUS — Carlisle, Ky. — 1209 *Eutaw Pl.*
A. B. Berea College 1922 II *Political Economy*

CHANDLER BAKER BEALL — Mayesville, S. C. — *Homewood*
A. B. Johns Hopkins University 1922 I *French*

CHARLES DALE BEERS — Asheville, N. C. — 3222 *Abell Av.*
A. B. University of North Carolina 1921 and A. M. 1922 II *Zoölogy*

EDWARD WILLARD BERRY — Baltimore — 19 *Elmwood Rd.*
Johns Hopkins University I *Geology*

CHARLES EVERETT BILLS — Newburyport, Mass. — 323 *Whitridge Av.*
B. S. Johns Hopkins University 1920 and A. M. 1923 III *Bio-Chemistry*

LEE WESLEY BLITCH — Blakely, Ga. — 1732 *Linden Av.*
B. S. Emory University 1922 II *Chemistry*

JOSEPHINE MARIE DE BOER — Wilmette, Ill. — 1411 *Rosedale St.*
B. S. Columbia University 1907; A. M. University of Minnesota 1922 I *French*

LUTHER ISAAC BONNEY — Middlebury, Vt. — 2304 *Fulton Av.*
A. B. State College 1906 I *Political Science*

BERTHA M. BOODY — Brookline, Mass. — 2712 *Maryland Av.*
A. B. Radcliffe College 1899; A. M. Columbia University 1912 III *Psychology*

FERDINAND GRAFT BRICKWEDDE — Baltimore — 849 *W. 35th St.*
A. B. Johns Hopkins University 1922 III *Physics*

HERBERT WHITTAKER BRIGGS — Baltimore — 4107 *Groveland Av.*
A. B. West Virginia University 1921 III *Political Science*

OTTO WASHINGTON BRITTINGHAM — Frederick Co. — *Brunswick*
A. B. Johns Hopkins University 1921 III *Psychology*

ANGELA MARIE BROENING — Baltimore — 16 *W. Lee St.*
A. B. Goucher College 1919; A. M. Johns Hopkins University 1923 IV *Education*

ROLAND WILBUR BROWN — Lehighton, Pa. — 202 *W. 27th St.*
B. S. Lafayette College 1917 I *Geology*

OWENS HAND BROWNE — Raleigh, N. C. — 341 *St. Paul Pl.*
B.S. North Carolina State College 1921 III *Chemistry*

CARL WILLIAM BUCHHEISTER — Upper Marlboro — *Johns Hopkins Club*
A. B. Johns Hopkins University 1923 I *Greek*

LENOIR HENDERSON BURNSIDE — Thomson, Ga. — 2435 *N. Charles St.*
A. B. La Grange College 1911 I *Psychology*

GEORGE LEWIS BURTON — Culpepper, Va. — *Homewood*
A. B. Randolph-Macon College 1907 and A. M. 1908 III *French*

ROBERT HAWTHORNE CANFIELD — Denver, Col. — *Homewood*
B. S. (C. E.) University of Colorado 1915 and M. S. (C. E.) 1923 I *Physics*

MARGARET MILLICENT CAREY — Baltimore — 1004 *Cathedral St.*
A. B. Bryn Mawr College 1920 I *English*

JOHN THOMAS CHAPPELL — Hamptonville, N. C. — 240 *W. Lanvale St.*
B. S. Guilford College 1913 V (2d term) *Chemistry*

CHAO MING CHEN — Nantai, Foochow, China — 2443 *Barclay St.*
A. B. Johns Hopkins University 1922 II *Political Economy*

LOUIS ALFRED CLARKE — Baltimore — *Granada Apts.*
A. B. Johns Hopkins University 1922 III *Geology*

HERBERT CLEAVER CLAUSER — Baltimore — 816 *St. Paul St.*
B. S. Albright College 1912 IV *Chemistry*

EDWIN LOUIS CLINE — Baltimore — 3915 *Barrington Rd.*
A. B. Johns Hopkins University 1922 III *Chemistry*

SAMUEL GWYNNE COE — Front Royal, Va. — 2417 *N. Calvert St.*
A. B. Washington and Lee University 1909 and A. M. 1916 I *History*

GABRIEL HIPPOLYTUS COLLIGNON — New Orleans, La. — *Loyola College*
A. M. Gonzaga University 1920 III *Mathematics*

ROBERT E. LEE COLLINS — Baltimore — *Ken Oak Rd.*
A. B. Johns Hopkins University 1921 III *Geology*

ETHEL COOPER — Bozman — 910 *St. Paul St.*
B. S. Johns Hopkins University 1922 II *Archaeology*

LINN FENIMORE COOPER — Coopertown, N. Y. — 718 *N. Charles St.*
A. B. Yale University 1921 I *Chemistry*

JAMES EARL COPENHAVER — Bel Air — 2731 *N. Calvert St.*
A. B. Emory and Henry College 1920; M. S. Vanderbilt University 1923 I *Chemistry*

WILLIAM HARRISON CRAIG — Baltimore — 609 *Woodbourne Av.*
A. B. University of Pittsburgh 1914 II *History*

WILLIAM HENRY CREW — Evanston, Ill. — 207 *W. 29th St.*
United States Naval Academy 1922 II *Physics*

WILLIAM ROBERT CULLEN — Baltimore — *Loyola College*
A. B. Woodstock College 1912 and A. M. 1921 I *Physics*

EDITH STERLING CURRIER — New York, N. Y. — 18 *Midvale Rd.*
A. B. Vassar College 1922 I *Psychology*

JOHN JAMES DAVIS — Blacksburg, Va. — 2633 *Guilford Av.*
B. S. Virginia Polytechnic Institute 1904 III *French*

JOHN DAY — Brink Haven, Ohio — 714 *Park Av.*
A. B. Ohio State University 1921 II *Archaeology*

ALFRED WILLIS DEARING — Washington, D. C. — 714 *Park Av.*
B. S. Virginia Military Institute 1921 III *Chemistry*

CHARLES FRANCIS DE GARIS — Hannibal, Mo. — 602 *Parkwyrth Av.*
M. D. Washington University 1912; A. B. University of Wisconsin 1915 I *Zoölogy*

MARGARET ACHSAH DEMPSTER — Baltimore — 1414 *Harlem Av.*
A. B. Goucher College 1923 I *Political Economy*

RYLAND NEWMAN DEMPSTER — Baltimore — 2831 *Oak St.*
B. S. in Eng. Johns Hopkins University 1918 and A. M. 1922; Registrar 1923- V *Education*

CHARLES EDWARD DEPPERMAN — Baltimore — *Loyola College*
A. M. Woodstock College 1921 II *Physics*

FRANK DIEHL — Baltimore — 2737 *Maryland Av.*
Ph. B. University of Michigan 1900; B. D. Union Theological Seminary 1904; A. M. Columbia University 1907 III *Philosophy*

WINTHROP BULKLEY DILLINGHAM — Milburn, N. J. — 702 *Lennox St.*
A. B. Williams College 1922 II *Chemistry*

EDNA LEOLA DIXON — Baltimore — 2206 *Elsinor Av.*
B. S. Johns Hopkins University 1922 II *Education*

CARROLL EDWARD DOBBIN — West Jonesport, Me. — *U.S.Geol. Surv.* (Wash.,D.C.)
A. B. Colby University 1916 IV *Geology*

FREDERICK WILLIAM DOERMANN — Lancaster, Ohio. — *Homewood*
A. B. Johns Hopkins University 1923 I *Physics*

ROY MELVIN DORCUS — Woodsboro — 2406 *St. Paul St.*
A. B. Johns Hopkins University 1922 II *Psychology*

JOHN GRAY DOUGLAS — Baltimore — 830 *W. North Av.*
A. B. Johns Hopkins University 1921 III *Geology*

RUSSELL DREW DRINKARD — Richmond, Va. — 1203 *Madison Av.*
B. S. University of Richmond 1923 I *Chemistry*

HELEN ELIZABETH EAGLESON — Seattle, Wash. — 2435 *N. Charles St.*
B. S. University of Washington 1920 and M. S. 1921 II *Psychology*

JAMES ROY ECKMAN — Washington, D. C. — 5 *Maryland Av.* (Wash., D. C.)
A. B. West Virginia University 1910; A. M. Harvard University 1917; M. S. George Washington University 1921 II *Chemistry*

EMILY WALCOTT EMMART — Baltimore — 817 *N. Fremont Av.*
A. B. Goucher College 1922 II *Zoölogy*

FREDERICK HOWARD ESMOND — Baltimore — 1212 *Mt. Royal Av.*
A. B. Oxford University 1908 I *Latin*

GEORGE HEBERTON EVANS, JR. — Baltimore — 919 *Cathedral St.*
A. B. Johns Hopkins University 1920 IV *Political Economy*

ABRAHAM FEDDER — Baltimore — 741 *Newington Av.*
A. B. Johns Hopkins University 1921 III *Political Economy*

JOSHUA TRACEY FENBY — Baltimore Co. — *Reisterstown*
A. B. Western Maryland College 1917; B. D. Westminster Theological Seminary 1921 I *Psychology*

LAWRENCE BRITTINGHAM FENNEMAN — Baltimore — 2729 *Guilford Av.*
A. B. Johns Hopkins University 1923 I *Political Science*

ABRAHAM LEONARD FINESINGER — Baltimore — 2518 *Keyworth Av.*
A. B. Johns Hopkins University 1921 and A. M. 1923 III *Psychology*

JACOB ELLIS FINESINGER — Baltimore — 2518 *Keyworth Av.*
A. B. Johns Hopkins University 1923 I *Zoölogy*

VIVIAN EZRA FISHER — Antelope, Idaho — 2838 *Guilford Av.*
A. B. University of Utah and M. S. 1922 I *Psychology*

PAUL ROBERT FOSSUM — Fergus Falls, Minn. — 2307 *N. Charles St.*
A. B. Park Region Luther College 1915; A. M. Johns Hopkins University 1923 IV *Political Economy*

KEENER CHAPMAN FRAZER — Selma, Ala. — 2528 *Maryland Av.*
A. B. Wofford College 1920; A. M. University of North Carolina 1921 II *History*

CLARENCE EUGENE GARLAND — Crandull, Tenn. — 2731 *N. Calvert St.*
A. B. Emory and Henry College 1918 IV *Chemistry*

CURTIS WISWELL GARRISON — Richmond, Va. — *Homewood*
A. B. University of Richmond 1923 I *History*

DOROTHY GETZ — Baltimore — 1111 *W. Lanvale St.*
A. B. Goucher College 1917 III *Chemistry*

ROBERT CARLYLE GILLIES — Baltimore — *Homewood*
A. B. Princeton University 1920 III *Political Economy*

HELEN GOLDEN — Elkins, W. Va. — *Lake Drive Apts.*
A. B. Goucher College 1921 II *Political Economy*

EVA RUTH GOLDSTEIN — Pittsburgh, Pa. — *Belvedere & Greenspring Avs.*
A. B. University of Pittsburgh 1920 and A. M. 1921 I *Psychology*

RICHARD ERNEST GRAUN — Berkeley, Cal. — 1219 *N. Charles St.*
A. B. University of California 1923 I *Psychology*

CHARLES DUNCAN GREGORY — Indiantown, N. C. — 2649 *Maryland Av.*
B. S. Wake Forest College 1916 III *Mathematics*

CLARENCE EDWIN GREIDER — Baltimore — 5207 *Wayne Av.*
B. S. Washburn College 1920; M. S. State University of Iowa 1921 III *Chemistry*

JAMES GRIFFITH — Georgetown, Texas — 1528 *Linden Av.*
A. B. Southwestern University 1923 I *Chemistry*

CECIL JEROME HAGGERTY — Holyoke, Mass. — 1203 *Madison Av.*
A. B. Williams College 1923 I *Chemistry*

RICHARD WALDO HAMBLETON — Baltimore — 2710 *Reisterstown Rd.*
B. S. in Chem. Johns Hopkins University 1922 II *Chemistry*

EDWARD R. HAMME — Baltimore Co. — *Reisterstown*
A. B. Gettysburg College 1909; B. D. Central Theological Seminary (Ohio) 1912 IV *Hebrew*

CLARA VIRGINIA HARTFIELD — Jackson, Miss. — 821 *N. Charles St.*
A. B. Hollins College 1921 III *History*

RUDOLPH LEONARD HASCHE — Washington, Pa. — 1636 *Eutaw Pl.*
B. S. Tarkio College 1918; M. S. Washington and Jefferson College 1918 I *Chemistry*

THOMAS HUGER HAZLEHURST, JR. — Charleston, S. C. — 748 *Reservoir St.*
A. B. College of Charleston 1923 I *Chemistry*

HELEN HEFNER — Grafton, W. Va. — 1209 *Eutaw Pl.*
A. B. Goucher College 1922 I *Political Economy*

MILDRED EDITH HILBERG — Baltimore — 502 *Rose Hill Ter.*
A. B. Goucher College 1923 I *Political Economy*

MARY JANE HILLE — Jasper, Mo. — 3308 *Gilman Ter.*
B. S. Johns Hopkins University 1921 III *Psychology*

NORMAND LOUIS HOERR — Peoria, Ill. — 3048 *Abell Av.*
A. B. Johns Hopkins University 1923 I *Zoölogy*

WILLIAM SIMON HOFFMEISTER — Baltimore — *Alto & Lyndhurst Avs.*
A. B. Johns Hopkins University 1923 I *Geology*

CHRISTIAN VANDEGRIFT HOLLAND — Eastville, Va. — 1732 *Linden Av.*
Ch. E. University of Virginia 1921 III *Chemistry*

JAMES QUINTER HOLSOPPLE — Hagerstown — 3000 *N. Calvert St.*
A. B. Juniata College 1920; A. M. Johns Hopkins University 1923 III *Psychology*

HAROLD STEPHENS HOLT — Fargo, N. D. — 1203 *Madison Av.*
B. S. North Dakota Agricultural College 1919; A. M. Harvard University 1921 III *Chemistry*

DWIGHT LUCIAN HOPKINS — Nokesville, Va. — 317 *N. Carey St.*
B. S. and M. S. University of Virginia 1923 I *Zoölogy*

HUI HSIEH — Nanwei, Kiangsu, China — 933 *Madison Av.*
B. S. Rutgers College 1922 I *Chemistry*

FRANCIS CHRISTIAN HUBER — New York, N. Y. — 1732 *Linden Av.*
Ch. E. Lehigh University 1922 II *Chemistry*

ARCHIBALD STUART HUNTER — Springfield, Mass. — 1203 *Madison Av.*
B. S. in Chem. Norwich University 1920 III *Chemistry*

LEE M. HUTCHINS — Fenville, Mich. — 3014 *N. Calvert St.*
B. S. Michigan Agricultural College 1913 V *Plant Physiology*

WILLIAM LEONARD HYDEN — Philadelphia, Tenn. — 1203 *Madison Av.*
B. S. Cumberland University (Tenn.) 1920; M. S. Lafayette College 1921 I *Chemistry*

SCHACHNE ISAACS — Baltimore — 3711 *Towanda Av.*
A. B. University of Cincinnati 1910 and A. M. 1912; Instructor, Johns Hopkins University 1921- III *Psychology*

CALVERT HUNTER JENKINS — Ashland, Va. — 2402 *St. Paul St.*
A. B. Randolph-Macon College 1920 I *History*

SALLIE ELIZABETH JONES — Baltimore Co. — *Owings Mills*
A. B. Goucher College 1923 I *Political Economy*

WALTER BRYAN JONES — Huntsville, Ala. — *Johns Hopkins Club*
A. B. University of Alabama 1918 and A. M. 1920 III *Geology*

KARL HAROLD KAISER — Anne Arundel Co. — *Arnold*
B. S. Washington College 1920 I *Education*

MARTHA KEIFER — Springfield, Ohio — 2941 *St. Paul St.*
A. B. Wells College 1923 I *Philosophy*

LEWIS BURNETT KELLUM — Baltimore — 2633 *N. Charles St.*
A. B. Johns Hopkins University 1919 III *Geology*

MAUDE PUSTAN KEMP — Baltimore — 3310 *Windsor Av.*
A. B. Wittenberg College 1923 I *Political Economy*

JAMES ROY KENNEDY — Washington, D. C. — 1432 *Newark St.* (Wash., D. C.)
A. B. Cornell University 1921 II *Physics*

ELAINE FLITNER KINDER (Mrs.) — New York, N. Y. — 126 *W. 27th St.*
B. S. University of Utah 1921 and A. M. 1922 I *Psychology*

FOSTER ELLIS KLINGAMAN — Nescopeck, Pa. — 2742 *Maryland Av.*
B. S. Gettysburg College 1921 and A. M. 1922; Instructor in Physics, Johns Hopkins University, 1922- II *Physics*

MAXWELL MCMICHAEL KNECHTEL — Washington, D. C. — *House Office Bldg.* (Wash., D. C.)
A. B. George Washington University I *Geology*

HELEN ELISABETH KNORR — Baltimore — 1913 *Chelsea Rd.*
A. B. Goucher College 1922 I (1st term) *Spanish*

ELSIE CLARK KRUG (Mrs.) — Baltimore — 2227 *St. Paul St.*
A. B. Goucher College 1909 II *English*

BERNARD KURRELMEYER — Baltimore — 1529 *Linden Av.*
A. B. Johns Hopkins University 1921 III *Physics*

ALBERT GEORGE LANGELUTTIG, JR. — Baltimore — 1926 *Linden Av.*
A. B. Johns Hopkins University 1922 II *Political Science*

MAX LATSHAW — Baltimore — 1802 *Madison Av.*
A. B. Leland Stanford Junior University 1916 II *Chemistry*

ELNORA MARGARET LAWTON — Baltimore — 2636 *Maryland Av.*
A. B. Goucher College 1916 V *English*

BENJAMIN SZOLD LEVIN — Baltimore — 2104 *Chelsea Ter.*
A. B. Johns Hopkins University 1922 II *Political Economy*

ABRAHAM JUDA LEVY — Baltimore — 3456 *Reisterstown Rd.*
A. B. Johns Hopkins University 1923 I *Semitic Languages*

RAPHAEL LEVY — Baltimore — 906 *Newington Av.*
A. B. Johns Hopkins University 1920 and A. M. 1922 III *French*

JOE BURTON LINKER — Chapel Hill, N. C. — 3235 *Abell Av.*
A. B. University of North Carolina 1918 and A. M. 1920 II *Mathematics*

MARIE LUCILLE LINTHICUM — Annapolis — 2513 *N. Charles St.*
B. S. Johns Hopkins University 1923 II *English*

GRACE LUBIN — Baltimore — 2401 *Eutaw Pl.*
A. B. Bryn Mawr College 1921 and A. M. 1922 I *Chemistry*

ROBERT HARDING LUCE — Minneapolis, Minn. — 602 *Parkwyrth Av.*
A. B. Carleton College 1922 II *Zoölogy*

OSCAR WILLIAM LUSBY — Covington, Va. — 824 *Beaumont Av.*
A. B. Randolph-Macon College 1922 II *Chemistry*

WALTER ARCHER MACNAIR — Houghton, Mich. — 207 *W. 29th St.*
B. S. Colgate University 1920 I *Physics*

WILLIAM CASSELL MALLALIEU — Baltimore — 2517 *Barclay St.*
A. B. Johns Hopkins University 1920 II *History*

OLGA MARX — Baltimore — 2407 *Madison Av.*
A. B. Barnard College 1915; A. M. Columbia University 1917 III *German*

PAUL RUSSELL MAXWELL — Mansfield, Ohio — 2721 *N. Charles St.*
B. S. Kenyon College 1922 I *Zoölogy*

CARROLL MCDOWELL — Arkansas City, Kan. — *Y. W. C. A.*
A. B. University of Kansas 1919 I *Political Economy*

MARY WILSON MCGEHEE — Amherst, Va. — *Y. W. C. A.*
A. B. University of Colorado 1916 I *Archaeology*

WINNIE MCGLANNERY — Lewisburg, W. Va. — 3422 *Guilford Ter.*
A. B. Goucher College 1919 II *Geology*

PAUL JOSEPH MCGRAW — Williamsport, Pa. — 607 *Pennsylvania Av.*
A. B. Mt. St. Mary's College 1919 and A. M. 1921 II *Latin*

HARRY JOHN MCNICHOLAS — Washington, D. C. — 3527 *Center St., N. W.*
A. B. Ripon College 1915 I *Physics* (Wash., D. C.)

ATHERTON H. MEARS — Washington, D. C. — 1215 *N. Calvert St.*
A. B. Johns Hopkins University 1923 II *Physics*

CLARA EMILIE MILLER — Baltimore — 425 *E. 22nd St.*
A. B. Goucher College 1923 I *Chemistry*

GEORGE SINCLAIR MITCHELL — Richmond, Va. — *Johns Hopkins Club*
A. B. University of Richmond 1923 I *Political Economy*

LUCIUS TERRELL MOORE — Culverton, Ga. — 3009 *Guilford Av.*
B. S. Emory University 1921 III *Mathematics*

CARRIE GUTMAN MOSES — Baltimore — 1803 *Eutaw Pl.*
Chemistry

MARGARET ELIZABETH MOYER — Tampa, Fla. — 1612 *Bolton St.*
B. S. Florida State College for Women 1923 I *Political Economy*

ALEXANDER ECTOR ORR MUNSELL — Baltimore — 10 *E. Franklin St.*
B. S. Harvard College 1918 I *Psychology*

EVERETT CLARK MYERS — Euclid, Ohio — 2825 *N. Calvert St.*
A. B. Western Reserve University 1921 III *Zoölogy*

JACOB ERNEST NADLER — Worcester, Mass. — *Homewood*
A. B. Clark University 1923 I *Zoölogy*

JAMES STEWART NAGLE — Baltimore — 2220 *Poplar Grove St.*
A. B. Dickinson College 1911 IV *Education*

LOUISE ANNA NELSON — Seattle, Wash. — 2930 *Guilford Av.*
Ph. B. University of Colorado 1903; A. M. Columbia University 1916 I *Psychology*

WINTHROP GILMAN NOYES — New York, N. Y. — *Belvedere Hotel*
A. B. Yale University 1891; A. M. Harvard University 1893 I *Biology*

LILLIAN MABEL NUSSMAN — Suffolk, Va. — 2737 *St. Paul St.*
A. B. Hollins College 1923 I *Political Economy*

MIRIAM ELIOT O'BRIEN — Baltimore — 6 *Roland Av.*
A. B. Bryn Mawr College 1920 and A. M. 1921 I *Psychology*

MILTON OFFUTT — Baltimore — *Calvert Court Apts.*
A. B. Princeton University 1921 I *History*

JOHN RATHBONE OLIVER — Baltimore — *Latrobe Apts.*
A. B. Harvard College 1894; M. D. Innsbruck University 1909 II *Greek*

BERTHA OVERBY — Richmond, Va. — 18 *E. Hamilton Av*
A. B. William and Mary College 1923 I *Political Economy*

ARTHUR EDWARD OWENS — Fabius, N. Y. — *Y. M. C. A.*
B. S. Syracuse University 1918 III *Chemistry*

GEORGE DAVID PALMER, JR. — Helena, Ark. — *Y. M. C. A.*
B. S. Clemson College 1919; A. M. Johns Hopkins University 1921 IV *Chemistry*

JAMES ERNEST PATE — Scottsville, Va. — 2719 *Oak St.*
A. B. Louisiana College 1916; A. M. Wake Forest College 1917; A. M. University of Virginia 1921 I *Political Science*

BOYD CRUMRINE PATTERSON — Crafton, Pa. — 2834 *Maryland Av.*
A. B. Washington and Jefferson College 1923 I *Mathematics*

ELMER CURRY PAYNE — Indianapolis, Ind. — 715 *N. Broadway*
A. B. Butler College 1922 I *Chemistry*

HELEN ADELINE PRATT — Lynn, Mass. — 708 *St. Paul St.*
A. B. Radcliffe College 1919 III *Chemistry*

OSBORNE ROBINSON QUAYLE — Baltimore — 3419 *Holmes Av.*
A. B. Swarthmore College 1919; A. M. Harvard University 1921 III *Chemistry*

ORLAND MERRECE REIFF — Bucyrus, Ohio — 2828 *Oak St.*
A. B. Oberlin College 1922 and A. M. 1923 I *Chemistry*

FREDERICK JASPERSEN RICH — Charlotte Hall — 2721 *N. Charles St.*
B. S. in Chem. Johns Hopkins University 1923 I *Chemistry*

LULU MCDOWELL RICHARDSON — Baltimore — 1102 *Brentwood Av.*
A. B. Goucher College 1916 II *French*

RUTH WALTERS ROGERS — Baltimore — 32 *W. 25th St.*
A. B. Goucher College 1915 III *Italian*

ERNEST CARL HENRY ROSCHEN — Baltimore Co. — *Reisterstown*
A. B. Johns Hopkins University 1922 II *Geology*

BENJAMIN BRAFMAN ROSENSTOCK — Frederick — *Homewood*
A. B. Johns Hopkins University 1922 I *Political Science*

ARTHUR EDWARD RUARK — Baltimore — 6010 *Henderson Av.*
A. B. Johns Hopkins University 1921 and A. M. 1923 III *Physics*

HAROLD BRENTON SCARBOROUGH — Baltimore — 4138 *Pimlico Rd.*
B. S. St. John's College 1904 and A. M. 1915 I *Education*

CARLETON HECKER SCHLESMAN — Allentown, Pa. — 1118 *Linden Av.*
Ch. E. Lehigh University 1922 II *Chemistry*

ERNST OTTOMAR VON SCHWERDTNER — Anne Arundel Co. — *Annapolis*
A. B. St. John's College 1917 II *German*

DOROTHY WILSON SEAGO — New Orleans, La. — 2435 *N. Charles St.*
A. B. Sophie Newcomb Memorial College 1920 II *Psychology*

RAPHAEL SEMMES — Baltimore — 222 *W. Lanvale St.*
A. B. Princeton University 1912; LL. B. Harvard University 1916 III *History*

ARCHIE D. SHAFTESBURY — St. John, Kans. — 2720 *Oak St.*
A. B. Southwestern College 1920 IV *Zoölogy*

JOHN LLOYD SHARETTS — Gettysburg, Pa. — 1716 *St. Paul St.*
B. S. Gettysburg College 1920 and M. S. 1921 I *Chemistry*

ALBERT SHAW, JR. — Hastings-on-Hudson, N. Y. — *Homewood*
A. B. Princeton University 1919 I *Political Economy*

EDWIN HERBERT SHAW, JR. — Baltimore — 2200 *Poplar Grove St.*
B. S. in Chem. Johns Hopkins University 1921 III *Chemistry*

JUDAL LEON SHERESHEFSKY — Erie, Pa. — 2101 *Brookfield Av.*
B. S. in Chem. University of Pittsburgh 1923 I *Chemistry*

LOUIS SHOCKET — Richmond, Va. — 2652 *Oswego Av.*
A. B. University of Richmond 1923 I *Political Economy*

JEANETTE R. SIEGEL — Baltimore — 204 *S. Patterson Pk. Av.*
A. B. Goucher College 1922 II *Political Economy*

CHARLES INTERVALE SILIN — Boston, Mass. — *Paris, France*
B. S. Harvard University 1921; Assistant, Johns Hopkins University 1921 III *Romance Languages* (Absent on leave.)

QUENTIN DREYER SINGEWALD — Baltimore — 17 *W. 29th St.*
A. B. Johns Hopkins University 1922 II *Geology*

SAMUEL ASA SMALL — Baltimore — *Mt. Washington*
A. B. University of Tennessee 1918 II *English*

LAURENCE LOWE SMITH — Belvedere, N. J. — 3100 *N. Calvert St.*
B. S. Lafayette College 1919 and M. S. 1920 II *Geology*

WALTER ROY SMITH — Greensboro — 3050 *Abell Av.*
A. B. Johns Hopkins University 1920 IV *Geology*

MAX SOLOFF — Brooklyn, N. Y. — 126 *W. 26th St.*
B. S. College of the City of New York 1923 I *German*

ISABEL CLARISSA STEWART — Seattle, Wash. — 2818 *Maryland Av.*
B. S. University of Washington 1920 and M. S. 1921 II *Psychology*

WILLIAM LOUIS STRAUS, JR. — Baltimore — *Alhambra Apts.*
A. B. Johns Hopkins University 1920 IV (2d term) *Geology*

GEORGE FREDERICK ADELBERT STUTZ, JR. — Washington, D. C.
Ch. E. Lehigh University 1922 II *Physics* — 413 *Quincy St.* (Wash., D. C.)

SHERLOCK SWANN, JR. — Baltimore — 908 *N. Charles St.*
B. S. Princeton University 1922 III *Chemistry*

MARY L. SWANSON — Chetopa, Kans. — 1008 *W. Balto. St.*
A. B. Provincial University 1923 I *Political Economy*

JOSEPH CAMILLUS THOMPSON, JR. — Baltimore — 1720 *N. Calvert St.*
B. S. in Chem. Johns Hopkins University 1922 II *Chemistry*

EDITH TOTTEN — Baltimore — 1120 *St. Paul St.*
A. B. Bryn Mawr College 1902; A. M. Columbia University 1919 IV *Psychology*

CLARISSA LUCRETIA TOWNSEND — Newton, Mass. — 1112 *N. Eutaw St.*
A. B. Goucher College 1923 I *Political Economy*

ERWIN WILLIAM TSCHUDI — Baltimore. — 216 *Prospect Av.*
A. B. University of Cincinnati 1920 and A. M. 1921; Instructor in Physics, Johns Hopkins University 1922 III *Physics*

DONALD KERR VANNEMAN — Baltimore — *Homewood*
A. B. Johns Hopkins University 1923 I *Political Economy*

PAUL SMITH WAGNER — Hershey, Pa. — *Homewood*
A. B. Lebanon Valley College 1917 II *Mathematics*

JOHN NOTTINGHAM WARE — Sewanee, Tenn. — 2735 *Maryland Av.*
A. B. and A. M. Randolph-Macon College 1901 III *French*

CALVIN NORWOOD WARFIELD — Baltimore — 644 *N. Carey St.*
B. E. Johns Hopkins University 1923 I *Physics*

PAUL FARWELL WARNER — Baltimore — 2705 *St. Paul St.*
A. B. Western Maryland College 1918; B. D. Westminster Theological Seminary 1921 II *Greek*

ROBERT DORSEY WATKINS — Baltimore — *Kenoak Rd.*
A. B. Johns Hopkins University 1922 III *Political Science*

ALBERT KATZ WEINBERG — Baltimore — *Station E*
A. B. Columbia University 1920 II *Psychology*

DANA PORTER WELD — Atlanta, Ga. — 2523 *Madison Av.*
B. S. in Chem. Arkansas University 1917 and A. M. 1918 II *Chemistry*

HERBERT WENDER — Atlanta, Ga. — 2118 *Madison Av.*
A. B. Oglethorpe University 1920 I *History*

BRUCE ALBION WENTZ. — Baltimore — 3101 *N. Calvert St.*
A. B. Franklin and Marshall College 1915 I *Psychology*

ANNABEL LEE WHITE — Baltimore — 2446 *Maryland Av.*
B. S. Johns Hopkins University 1923 I *Mathematics*

ELISABETH GENEVIEVE WHITE — Baltimore — 2446 *Maryland Av.*
B. S. Johns Hopkins University 1923 I *Education*

JAMES DEAN WILSON — Lansing, Mich. — *Homewood*
B. S. Michigan Agricultural College 1922 II *Plant Physiology*

PART–TIME STUDENTS

CHARLES EDWIN ADAMS — Baltimore — 3212 *Gwynn Oak Av.*
Ph. B. University of Chicago 1914 IV *Education*

VAZQUEZ CARLOS ARJONA — Annapolis — *Naval Academy*
B. S. Johns Hopkins University 1920 and A. M. 1923 III *Spanish*

NANCY FRANKLIN ARNOLD — Baltimore — 729 *Linwood Av.*
A. B. Notre Dame College of Maryland 1921 II *Psychology*

AVIS BOYD ATWATER (Mrs.) — Baltimore — 224 *Prospect Av.*
A. B. Bellevue College 1912 II *Political Economy*

RICHARD WAGNER AUSTERMANN. — Baltimore — 3321 *Forest Pk. Av.*
Ph. B. University of Wisconsin 1923 I *Physics*

WALTER ERNEST BAKER — Baltimore — *Evergreen School*
A. B. Columbia University 1912 III *Psychology*

JOHN TURNER BAMBERGER — Baltimore — 1332 *N. Caroline St.*
B. S. Johns Hopkins University 1923 I *French*

HOWARD SCHWAB BENEDICT — Baltimore — 2207 *Eutaw Pl.*
A. B. Johns Hopkins University 1923 I (2d term) *Political Economy*

EVELYN WYLIE BETTS — Baltimore — 2636 *Maryland Av.*
A. B. Goucher College 1910 III *Psychology*

NELLIE WARREN BIRDSONG — Baltimore — 433 *Kenneth Sq.*
B. S. University of Virginia 1911 and A. M. 1919 I *Education*

JEFFERSON DAVIS BLACKWELL. — Baltimore Co. — *Towson*
B. S. University of Missouri 1914 and A. M. 1923 I *Education*

MARGARET DONALDSON BOEHM. — Baltimore — *Roland Av.*
B. S. Johns Hopkins University 1920 IV *Philosophy*

AGNES EMILIE BUCHHOLZ — Baltimore Co. — *Catonsville*
B. S. Johns Hopkins University 1922 II *French*

H. LOUISE C. BUCHNER (Mrs.) — Baltimore — 2120 *Callow Av.*
B. S. Johns Hopkins University 1922. I *English*

MARY BUNWORTH — Baltimore — *Wentworth Apts.*
B. S. Johns Hopkins University 1923 I *French*

JAMES THOMAS BUNYAN. — Baltimore — 3104 *N. Calvert St.*
A. M. Columbia University 1920 I *Philosophy*

LILLIAN CROMBIE BURROUGHS — Baltimore — 2313 *E. Federal St.*
A. B. Goucher College 1917 III *Chemical Hygiene*

IRENE DYER COONAN — Westminster — 611 *St. Paul St.*
A. B. Western Maryland College 1920 I *Education*

CLARENCE GARFIELD COOPER — Baltimore Co. — *Towson*
B. S. Columbia University 1911 I *Education*

FRANCES ADELE COVENTRY — Lancaster, Pa. — 2030 *St. Paul St.*
A. B. Goucher College 1921 II *Medical Zoology*

RICHARD THRELKELD COX — Baltimore — *Homewood*
A. B. Johns Hopkins University 1920 III *Physics*

OCTAVIA AMELIA DALLAM — Baltimore — 1318 *Bolton St.*
B. S. Johns Hopkins University 1922 II *French*

GEORGE MCMILLAN DARROW — Prince George's Co. — *Glenndale*
A. B. Middlebury College (Vt.) 1910; A. M. Cornell University 1911 I *Plant Physiology*

WALTER HICKS DAVIS — Harford Co. — *Havre de Grace*
A. B. Washington College 1907 II *Education*

AUGUSTA DELLONE — Baltimore Co. — *Overlea*
B. S. Johns Hopkins University 1922 II *Education*

TYLER DENNETT — Washington, D. C. — *Stoneleigh Court Apts.* (Wash.)
A. B. Williams College 1904 I *History*

JAY KARL DITCHY. — Anne Arundel Co. — *Annapolis*
A. B. University of Michigan 1911; A. M. University of Illinois 1913 III *French*

AGNES DOETSCH — Baltimore — 14 *Merrymount Rd.*
A. B. Goucher College 1921 I *Botany*

SISTER MARY DENISE DOOLEY Baltimore *Notre Dame College*
A. B. Fordham University 1922 II *Latin*

MARY LORETTE DOUGHERTY Baltimore 2814 *N. Calvert St.*
Ph. B. University of Chicago 1916 and A. M. 1917 II *Education*

HILDA NORTH DULAC (Mrs.) Baltimore *Temple Court Apts.*
A. B. George Washington University 1920; A. M. Johns Hopkins University 1922 IV *Archaeology*

CORA LOUISE DURKEE Oxford, Mass. 1528 *Park Av.*
A. B. Mt. Holyoke College 1921 I *English*

CHARLES ARTHUR EBY Baltimore 2741 *Maryland Av.*
A. B. Loyola College 1912; LL. B. University of Maryland 1905 IV *History*

SISTER MARY GRATIA ENNISE Baltimore *Notre Dame College*
A. B. Fordham University 1922 I *Latin*

EARL WILBUR FLOHR Carroll Co. *New Windsor*
A. B. Bridgewater College 1916; A. M. Clark University 1923 I *Education*

IDA VIRGINIA FLOWERS Baltimore 530 *E. 22nd St.*
B. S. Johns Hopkins University 1923 I *Education*

WILLIAM RICHARDSON FLOWERS Baltimore 2054 *Kennedy Av.*
B. S. Johns Hopkins University 1920 and A. M. 1923 IV *Education*

SAMUEL E. L. FOGELSANGER Carroll Co. *Manchester*
Ph. B. Grove City College 1910 I *Education*

HARRY FERDINAND FRANK Baltimore Co. *Hamilton*
A. B. Johns Hopkins University 1917 I *Education*

ROSS GILBERT FROUNICK Attica, N. Y. 13 *E. Franklin St.*
A. B. Syracuse University 1914 I *German*

CHARLES FREDERICK GLOTH Baltimore 410 *St. Paul St.*
A. B. Yale University 1897 XVIII *Electrical Engineering*

EUNICE RATHBONE GODDARD Baltimore 13 *E. Read St.*
A. B. Mt. Holyoke College 1903; A. M. Columbia University 1906 VI *French*

SISTER MARY LUCILLE GORMAN Baltimore *Notre Dame College*
B. S. Fordham University 1921 I *Education*

EVA LAZARUS GREENBERG Baltimore 4100 *Forest Pk. Av.*
A. B. Goucher College 1922 I *Comparative Philology*

CAROLINE ELISE GROTE Baltimore 3202 *Vickers Rd.*
B. S. Johns Hopkins University 1919 III *Education*

SARA HAARDT Montgomery, Ala. 2326 *N. Charles St.*
A. B. Goucher College 1920 II *Psychology*

ANNA DOROTHEA HALBERG Mishicot, Wis. 701 *Cathedral St.*
B. S. Columbia University 1922 II *Psychology*

CLAUDE HAINES HALL, JR. Baltimore 1404 *Park Av.*
II *Physics*

KINGMAN ARTHUR HANDY Baltimore 902 *University Pkwy.*
II *Psychology*

FRANK PHILIP HINER Baltimore 2917 *W. North Av.*
A. B. Princeton 1901; A. M. Columbia University 1922 I *Psychology*

SISTER MARY ANGELINE HUGHES Baltimore *Notre Dame College*
A. B. Fordham University 1921 and A. M. 1922 I *English*

ALLAN HULSIZER Flemington, N. J. *Md. State Normal School* (Towson)
A. B. Harvard University 1920; A. M. Columbia University 1923 I *Education*

GORDON GROVER JONES Baltimore Co. *Colgate*
B. D. Westminster Theological Seminary 1911; A. B. W. Va. Wesleyan College 1917 I *Philosophy*

SISTER MARY CORDIA KARL Baltimore *Notre Dame College*
A. B. Hunter College 1916 I *Mathematics*

ELLEN BRANDENBURG KNIGHT (Mrs.) Baltimore 2001 *Callow Av.*
B. S. Columbia University 1904 and A. M. 1908 I *Biology*

GRACE AMANDA KRAMER Baltimore 319 *E. 25th St.*
B. S. Johns Hopkins University 1921 III *Education*

ESTHER FRANCES KUHN — Baltimore — 1017 *E. Preston St.*
A. B. Goucher College 1923 I *Chemistry*

FRANKLIN A. KULLER — Baltimore — 1931 *Park Av.*
A. B. Dickinson College 1914 and A. M. 1920 IV *Education*

MARY DABNEY LATANÉ — Baltimore — 1412 *Park Av.*
I *Psychology*

WALTER EASTBY LAWSON — Harford Co. — *Edgewood*
B. S. University of Washington 1917 and M. S. 1922 I *Chemistry*

MORRIS SAMUEL LAZARON — Baltimore — 1712 *Linden Av.*
A. B. University of Cincinnati 1909 and A. M. 1911 III *Semitic Languages*

JOHN WILLIAM LEWIS — Baltimore — 3405 *Alto Av.*
A. B. Colgate University 1917 II *Political Economy*

JAMES ANSON LONGAN — Baltimore — 2100 *Dobler Av.*
B. S. St. John's College 1920 II *Education*

HYME LOSS — Anne Arundel Co. — *Annapolis*
A. B. Minnesota University 1910; A. M. Harvard University 1916 I *French*

SISTER MARY COELINE LYONS — Baltimore — *Notre Dame College*
A. B. Fordham University 1923 I *Latin*

ALICE ELIZABETH MAGINNIS — Baltimore — 700 *E. 21st St.*
A. B. Goucher College 1921 I *Philosophy*

NATHA ANNETTE MANN — Baltimore — 2647 *N. Calvert St.*
B. S. Johns Hopkins University 1919 IV *English*

WOODWARD WARWICK MARCUS — Baltimore — *Homewood*
A. B. Western Maryland College 1919; B. D. Westminster Theological Seminary 1912 III *Political Science*

HENRIETTA JULIA MASBACH — Baltimore — 1112 *N. Eutaw St.*
A. B. Goucher College 1923 I *Education*

CLARENCE ALVEY MCBRIDE — Baltimore — 2513 *N. Charles St.*
A. B. St. John's College 1905 II *Education*

MARY THOMAS MCCURLEY — Baltimore — 7 *Midvale Rd.*
A. B. Goucher College 1910 I *Education*

MATTHEW ALOYSIUS MCLAUGHLIN — Baltimore — 331 *Mulberry St.*
A. B. La Salle College 1920 I *English*

ATHERTON H. MEARS — Baltimore — 1215 *Calvert St.*
A. B. Johns Hopkins University 1923 II *Physics*

JACOB ELRY METZGER — Prince George's Co. — *College Park*
B. S. Pennsylvania State College 1911 II *Plant Physiology*

ALICE ETTA MILLER — Cecil Co. — *Port Deposit*
B. S. Johns Hopkins University 1922 I (1st term) *Education*

FRANK BERTRAM MITCHELL — Anne Arundel Co. — *Annapolis*
A. B. Boston University 1914 III *French*

ELIZABETH MORRISSY — Elkhorn, Wis. — 3105 *N. Calvert St.*
A. B. Beloit College 1908; A. M. Johns Hopkins University 1922 III *Political Economy*

FREDERICK PETER MYERS — Washington, D. C. — 1727 *F St., N. W.* (Wash., D. C.)
A. B. Bridgewater College 1913; A. M. University of Virginia 1920; LL. B. National University Law School 1922 II *Political Science*

MARGARET STEPHANY NEWELL — Hamilton — *Franklin Av.*
A. B. Trinity College 1921 I *Education*

RACHEL BERTHE IRENE NOEL — Washington, D. C. — 907 *13th St., N. W.* (Wash., D. C.)
B. ès L. Collège Sevignée (France) II *French*

WILLIAM EUGENE OLIVET — Anne Arundel Co. — *Annapolis*
A. B. St. John's College 1919 and A. M. 1920 VI *French*

HAROLD HARSON O'NEILL — Anne Arundel Co. — *Annapolis*
A. B. St. Joseph's College 1914; A. M. University of Pennsylvania 1922 II *French*

ISAAC L. OTIS — Anne Arundel Co. — *Jessup*
A. B. University of New York 1899 I *Education*

DUDREA GRACE PARKER (MRS.) Baltimore 913 *St. Paul St.*
B. S. Johns Hopkins University 1923 I *English*

RICHARD ALEXANDER PARKER Baltimore 1633 *W. North Av.*
A. B. Johns Hopkins University 1921 III *Psychology*

EDITH PHILIPS Wayne, Pa. *Astor Court Apts.*
A. B. Goucher College 1913 I *Romance Languages*

ARLINE FEARON PRESTON Fallston 3018 *N. Calvert St.*
A. B. Bryn Mawr College 1920 and A. M. 1921 III (2d term) *Philosophy*

ALLIE W. RICHESON Baltimore 827 *N. Charles St.*
B. S. University of Richmond 1918 II *Mathematics*

SARAH LUCY ROCHE Baltimore 1815 *E. Lombard St.*
B. S. Johns Hopkins University 1922 II *Education*

EDNA ROTHHOLZ Baltimore 2108 *Bolton St.*
A. B. Goucher College 1914; A. M. Middlebury College 1921 *French*

OTTO K. SCHMIED Baltimore 2735 *Alameda Blvd.*
A. B. Johns Hopkins University 1913; LL. B. University of Maryland 1916 I *Education*

GEORGE LEWIS SCHWARTZ Wilmington, Del. 514 *Park Av.*
B. S. University of Washington 1915 and M. S. 1917 I *Chemistry*

ALFRED PRESTON SCOTT Baltimore 5209 *Midwood Av.*
A. B. Delaware College 1914 III *Education*

LOUISE CLERET SEIBERT Baltimore 2654 *Maryland Av.*
A. B. Goucher College 1920 II *Political Economy*

VIRGINIA MAE SHAFFER Baltimore 105 *Linwood Av.*
B. S. Johns Hopkins University 1923 I *English*

HELEN SHERBERT Baltimore 1800 *N. Calvert St.*
A. B. Goucher College 1916 V *Latin*

HUGH BARNETTE SPEIR Carroll Co. *Westminster*
A. B. Western Maryland College 1922 I *Education*

JOHN TURNBULL SPICKNALL Baltimore 121 *N. Kenwood Av.*
A. B. St. John's College 1917; B. D. Drew Theological Seminary 1922 I *History*

ETHEL MAY STALEY Baltimore 2112 *Brookfield Av.*
A. B. Goucher College 1911 V (1st term) *French*

EDGAR BENNETT STARKEY Baltimore 1808 *Linden Av.*
B. S. University of Maryland 1921 and M. S. 1923 I *Chemistry*

GEORGE A. STEELE Baltimore 1529 *Eutaw Pl.*
A. B. St. John's College 1884 and A. M. 1887 IV *Psychology*

DOROTHY RHETT STUART Baltimore 413 *Bretton Pl.*
A. B. Goucher College 1921 I *Botany*

CHARLES SWINGLE Prince George's Co. *Glenndale*
B. S. Kansas State College 1920 II *Plant Physiology*

JOHN CAREY TAYLOR Baltimore 1245 *N. Broadway*
B. S. Johns Hopkins University 1922 II *Education*

EARL WENTWORTH THOMSON Anne Arundel Co. *Annapolis*
A. B. Clark University 1913; A. M. Dartmouth College 1915 I *Physics*

JOHN EARLE UHLER Baltimore 319 *Gittings Av.*
A. B. Johns Hopkins University 1913 IV *English*

KATHERINE THERESA VALENTINE Baltimore 216 *Myrtle Av.*
B. S. Johns Hopkins University 1921 III *Education*

DONALD BEAUCHAMP VAN HOLLEN Baltimore 1316 *Eutaw Pl.*
A. B. Haverford College 1915; LL. B. Harvard University 1915 I *Psychology*

SISTER MELITA VARNER Baltimore *Notre Dame College*
A. B. Fordham University 1921 and A. M. 1922 I *English*

GERALDINE KLINE WALKER Baltimore 3728 *Greenmount Av.*
A. B. Goucher College 1922 I *Physics*

HUGH WELLER WARD Calvert Co. *Huntingtown*
A. B. Western Maryland College 1922. I *Education*

ALICE OLIVIA WHITE — Baltimore — 2446 *Maryland Av.*
A. B. Goucher College 1920 II *Psychology*

AMY ANITA WILSON — Bethel, Vt. — 416 *E. 22nd St.*
A. B. University of Vermont 1910; A. M. Cornell University 1922 I *History*

MARY S. WILSON — Baltimore — 2408 *Maryland Av.*
A. B. Western Maryland College 1922 I *Psychology*

HOMER BEST WINCHELL — Anne Arundel Co. — *Boone*
A. B. Princeton University 1916; A. M. Spanish School of Middlebury College (Vt.) 1921 I *Romance Languages*

CLINTON IVAN WINSLOW — Baltimore — 198 *Cedar Av.*
A. B. University of Nebraska 1918; A. M. Harvard University 1923 I *Political Science*

CARL GEORGE WOLF — Baltimore — 5202 *Harford Rd.*
A.B. Capitol University 1907; A. M. Johns Hopkins University 1921 V *Archaeology*

ELEANOR WHIGHT — Baldwin — 2512 *N. Calvert St.*
B. S. Johns Hopkins University 1920 II *French*

URSULA R. S. YEAWORTH — Baltimore — 6237 *Bellona Av.*
B. S. Johns Hopkins University 1923 I *Archaeology*

ADALBERT ZELWIS — Baltimore — 898 *W. Baltimore St.*
A. B. Allegheny College 1914 III *Sanskrit*

GRACE MILLER ZIEGLER (Mrs.) — Baltimore — 2933 *St. Paul St.*
A. B. Indiana University 1918 I *Political Economy*

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STUDENTS REGISTERED IN 1922-23 TOO LATE FOR INCLUSION IN THE REGISTER FOR THAT YEAR

OTHER GRADUATE STUDENTS IN PHILOSOPHY

ALBERT KATZ WEINBERG — Baltimore — 2310 *Eutaw Pl.*
A. B. Columbia University 1920 I *Philosophy*

TYLER DENNETT — Wash., D. C. — *Stoneleigh Court Apts. Wash.*
A. B. Williams College 1904 I *History*

PART-TIME STUDENTS

LORETTA BOLLMAN — Baltimore — 236 *W. Woodland Av.*
A. B. Goucher College 1909 II *Zoology*

CHARLES SWINGLE — Manhattan, Kansas
B. S. Kansas State Agricultural College 1920 I *Plant Physiology*

SAHIB SINGH SOKHEY — India — *Calcutta*
B. Sc. Punjab University 1907; M. B. and Ch B. Edinburgh University 1911 and M. A. 1912; Dr. T. M. and H. London School of Tropical Medicine I *Chemistry*

II. DEPARTMENT OF MEDICINE

CANDIDATES FOR THE DEGREE OF DOCTOR OF MEDICINE

Fourth Year

HENRY S. ACKEN, JR. — Maplewood, N. J. — 1727 *N. Broadway.*
A. B., Williams College. 1920.

WILLIAM BANKS ANDERSON. — Haw River, N. C. — 806 *N. Broadway.*
A. B., University of North Carolina. 1920.

DUDLEY CURTIS ASHTON. — Richmond, Va. — 520 *N. Broadway.*
A. B., Richmond College, 1920.

KONRAD ELIAS BIRKHAUG. — Bergen, Norway. — 606 *N. Broadway.*
S. B., Jamestown College, 1917.

CLEVELAND EARL BRANNER. — New Market, Va. — 1622 *E. Biddle St.*
A. B., Roanoke College, 1920.

GEORGE BERNHART BRIEL. — Richmond, Va. — 520 *N. Broadway.*
A. B., Richmond College, 1920.

DANIEL MILTON BRUMFIEL. — Iowa City, Ia. — 704 *N. Broadway.*
A. B., Lombard College, 1912; A. M., University of Illinois, 1913; Ph. D., State University of Iowa, 1917; Medical Student, University of Iowa, 1920-1922.

THOMAS TERRY BURGER. — Baltimore. — *Roland Av.*
A. B., Johns Hopkins University, 1920.

TAYLOR STUKES BURGESS. — Atlanta, Ga. — 1727 *N. Broadway.*
S. B., College of Charleston, 1920.

EMILY BEATRICE CARRIER. — Berkeley, Cal. — 1707 *E. Baltimore St.*
A. B. and A. M., University of California, 1918 and 1921; Medical Student, *ibid.*, 1918-1920.

GEORGE SCHOLL CATTANACH. — Baltimore. — 5824 *York Rd.*
A. B., Johns Hopkins University, 1920.

GEORGE ARCHIBALD CHALFANT. — Pittsburgh, Pa. — 1519 *N. Broadway.*
S. B., Lafayette College, 1920.

KATHERINE TSUICHEN CHEN. — Shanghai, China. — 808 *N. Broadway.*
A. B., Ohio Wesleyan University, 1920.

WILLIAM DEAN COLLIER. — Baltimore. — 139 *N. Broadway.*
A. B. and A. M., University of Missouri, 1919 and 1921; Ph. D., *ibid.*, 1922; Medical Student, *ibid.*, 1917-1919.

FRANCIS DANA COMAN. — Buffalo, N. Y. — 1222 *N. Broadway.*
A. B., Syracuse University, 1912 and A. M., Harvard University, 1920.

ARCHIBALD BARKLIE COULTER. — Baltimore. — 706 *N. Broadway.*
A. B., Catholic University of America, 1918.

JOSEPHINE JANUARY DANIELS. — St. Louis, Mo. — 1119 *N. Caroline St.*
A. B., Wellesley College, 1919.

THOMAS FARRELL DANIELS. — Savannah, Ga. — *Plaza Apt.* 10, *Park Av. and Wilson St.*
A. B., Mt. St. Mary's College, 1919.

WORTH BAGLEY DANIELS. — Raleigh, N. C. — 1119 *N. Caroline St.*
A. B., University of North Carolina, 1920.

JOHN ARCHIBALD V. DAVIES. — Salt Lake City, Utah. — 510 *N. Bdway.*
A. B., Princeton University, 1919; A. B., Rhodes Scholar, Oxford University, 1922.

WARD LEROY EKAS. — Williamstown, W. Va. — 1224 *N. Caroline St.*
A. B., Marietta College, 1920.

READ MCLANE ELLSWORTH. — Portland, Ore. — 518 *N. Broadway.*
A. B., Reed College, 1919; Graduate Student, *ibid.*, 1919-20.

ROY F. FEEMSTER. Ft. Worth, Tex. 104 *Jackson Place.*
A. B., Southwestern University, 1921.

EDWARD MAX FINESILVER. Hartford, Conn. 809 *N. Broadway.*
A. B., and A. M., Trinity College (Conn.), 1920.

ELLEN BOYDEN FINLEY. New York, N. Y. 1047 *N. Broadway.*
A. B., Vassar College, 1916.

MERRILL RUSSELL FOX. Collingswood, N. J. 1637 *W. North Av.*
A. B., Washington and Jefferson College, 1917.

ARABELLA SANGSTER GAULT. Coshocton, O. 808 N. Broadway.
A. B., The College of Wooster, 1919, Graduate Student, Ohio State University, 1919-1920.

LOUIS PORTER GOOD. York, S. C. 520 *N. Broadway.*
S. B., and A. M., Davidson College, 1920.

MORRIS H. GOODMAN. Baltimore. 100 *W. West St.*
A. B., Johns Hopkins University, 1920.

OSCAR CARL EDWARD HANSEN. Lima, Peru. 606 *N. Broadway.*
A. B., Universidad Mayor de San Marcos, 1919.

WILLIAM SESSIONS HANNAH. Montgomery, Ala. 518 *N. Broadway.*
A. B., University of Alabama, 1920; Medical Student, Tulane University, 1920-21.

THOMAS HARROLD, JR. Americus, Ga. 518 *N. Broadway.*
S. B., University of Georgia, 1918.

JAMES BRYAN HICKS. Graceville, Fla. 606 *N. Broadway.*
S. B., University of Alabama, 1920.

AKIBA JOSEPH HIMMELHOCH. Detroit, Mich. 521 *N. Wolfe St.*
A. B., University of Michigan, 1920.

BENJAMIN ERVIN HODGE. Chattanooga, Tenn. 520 *N. Broadway.*
A. B., Clark College, 1920.

MARGARET GROVE HUDSON Bloomsburg, Pa. 1720 *E. Madison St.*
S. B., Pennsylvania State College, 1920.

ALVIN EMANUEL KELLER. Ensley, Ala. 1129 *N. Caroline St.*
A. B., University of Alabama, 1920.

WILLIAM HOWELL KISER, JR. Atlanta, Ga. 410 *N. Broadway.*
A. B., Yale University, 1920.

CLEMENT I. KRANTZ. St. Paul, Minn. *Harlem Lane, Catonsville.*
A. B., Johns Hopkins University, 1920.

JOHN GROVE KUHNS. Mt. Joy, Pa. 1622 *E. Biddle St.*
A. B., Franklin and Marshall College, 1920.

HENRY WILLIAM LAMB. Portland, Me. 518 *N. Broadway.*
A. B., Bowdoin College, 1920.

OGILVIE MILLER LARIMORE. Clifton, Kans. 430 *N. Broadway.*
A. B., University of Kansas, 1920.

ELEANOR ISABEL LESLIE. Chicago, Ill. 800 *N. Broadway.*
A. B., Vassar College, 1916; M. S., University of Wisconsin, 1921; Medical Student, University of Wisconsin, 1920-21.

MAX LEVIN. Baltimore. 2223 *Mondawmin Av.*
A. B., Johns Hopkins University, 1920.

JOHNSON MCGUIRE. Alexandria, Va. 510 *N. Broadway.*
S. B., University of Virginia, 1920.

GEORGE CLYDE MCKINSTRY. Laurel, Miss. 606 *N. Broadway.*
S. B., University of Mississippi, 1918.

NEILL SMITH MCLEOD. Quitman, Ga. 606 *N. Broadway.*
S. B., Oglethorpe University, 1920.

LOUIS EVERETT MARTIN. Pasadena, Cal. 518 *N. Broadway.*
A. B., Colorado College, 1920.

VIRGINIA HELM MILNER. Union Star. Ky. 1720 *E. Madison St.*
A. B., University of Kentucky, 1920.

KENNETH STUART OLIVER. Germantown, Pa. 510 *N. Broadway.*
A. B., Haverford College, 1920.

CLIFFORD ASHMEAD OOSTHUISEN. Cape Province, S. Africa. 518 *N. Bdwy.*
A. B., University of Cape Town, 1919, and A. M., 1920; Medical Student, *ibid.*, 1920-21.

ELLA HUTZLER OPPENHEIMER. Baltimore. 9 *Lawina Rd., Windsor Hills.*
A. B., Goucher College, 1918; School of Hygiene and Public Health, 1919-1921.

RAWLEY MARTIN PENICK, JR. Shreveport, La. 510 *N. Broadway.*
Ph. B., Yale University, 1920.

HAROLD WARNICA PRICE. Toronto, Can. 518 *N. Broadway.*
B. A., University of Toronto, 1921; Medical Student, *ibid.*, 1919-1921.

DAVID MCKENZIE RIOCH. Indianapolis, Ind. 1522 *N. Broadway.*
A. B., Butler College, 1920.

FREDERICK WILLIAM ROBERTS. New Haven, Conn. 518 *N. Broadway.*
Ph. B., Yale University, 1920.

CHARLES DILLER RYAN. Springfield, Ill. 806 *N. Broadway.*
A. B., Harvard University, 1910.

LEROY WARREN SAUNDERS. Colerain, N. C. 518 *N. Broadway.*
A. B., Trinity College (N. C.), 1920.

JAMES WARREN SAYRE. Callao, Va. 606 *N. Broadway.*
A. B., Randolph-Macon College, 1920.

JOHN EDWIN SCARFF. Bellefontaine, O. 510 *N. Broadway.*
S. B., Princeton University, 1920.

LOUISE DE SCHWEINITZ. Bethlehem, Pa. 800 *N. Broadway.*
A. B., Smith College, 1918; Graduate Student, Columbia University, 1919-20.

NATHAN H. SHPRITZ. Baltimore. 1539 *N. Smallwood St.*
A. B., Johns Hopkins University, 1919.

ROBERT HOOPER SMITH. Baltimore. 3405 *Greenway.*
A. B., Williams College, 1919.

FREDERICK AMOS SNYDER. Hanoverton, O. 1622 *E. Biddle St.*
A. B., Johns Hopkins University, 1920.

WILLIAM ALFRED STRAUSS. Baltimore. 2437 *Washington Blvd.*
A. B., Johns Hopkins University, 1920.

WILLIAM CARL STUDE. Baltimore Co. *Catonsville.*
A. B., Johns Hopkins University, 1920.

MARSHALL JAMES THOMPSON, JR. Perdido Sta., Ala. 520 *N. Broadway.*
S. B., University of Alabama, 1920.

EDNA HUTCHINSON TOMPKINS. Cambridge, Mass. 313 *N. Broadway.*
A. B., Radcliffe College, 1913.

ROY HOPE TURNER. Dadeville, Ala. 606 *N. Broadway.*
S. B., Alabama Polytechnic Institute, 1920.

JAMES LEONARD VICKERS. Huntington, W. Va. 421 *N. Broadway.*
A. B., Johns Hopkins University, 1919; M. S., University of Wisconsin, 1921; Medical Student, University of Wisconsin, 1920-1921.

MARGARET CRAIGHILL VICKERS. Huntington, W. Va. 421 *N. Broadway.*
A. B., University of Wisconsin, 1920; Medical Student, *ibid.*, 1919-1921; M. S., University of Wisconsin, 1921.

JAMES ARTHUR WEINBERG. Lonaconing. 1404 *E. Chase St.*
A. B., Johns Hopkins University, 1921; Medical Student, University of Wisconsin, 1920-1921.

HERBERT SPENCER WELLS. McConnelsville, O. 120 *Jackson Place.*
A. B., Marietta College, 1920.

NELSON DAVID WIDMER. Upland, Cal. 520 *N. Broadway.*
A. B., Pomona College, 1920.

SCOTT JACKSON WILKINSON. Bethany, Ill. 806 *N. Broadway.*
A. B., University of Illinois, 1920.

CHARLES PEARSON WILSON. Linnton, Ore. 518 *N. Broadway.*
A. B., Reed College, 1920.

WILLIAM MILES WILSON. Portland, Ore. 518 *N. Broadway.*
S. B., Whitman College, 1920.

ROBERT BROY WRIGHT. Harrodsburg, Ky. 1022 *N. Broadway.*
S. B., Centre College (Ky.), 1920.

HUI CHING YEN. Foo Chow, China. 808 *N. Broadway.*
A. B., Oberlin College, 1920.

WILBUR H. YORK. Mt. Ranier. 1626 E. Biddle St.
A. B., Randolph-Macon College, 1916; Medical Student, University of Virginia, 1917-18, and Emory University, 1919-1922.

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Third Year

ROBERT TURNER ALLISON, JR. York, S. C. 1016 *N. Broadway.*
S. B., Davidson College, 1920.

JOHN TREXLER BAUER. Allentown, Pa. 1632 *Jefferson St.*
S. B., Muhlenberg College, 1921.

CLIFTON HAROLD BERLINGHOF. Scranton, Pa. 518 *N. Broadway.*
A. B., Wesleyan University (Ct.), 1921.

GEORGE PACKER BERRY. New York, N. Y. 1254 *N. Broadway.*
A. B., Princeton University, 1921.

RALPH FIRESTONE BOWERS. Frederick. 1016 *N. Broadway.*
A. B., Johns Hopkins University, 1921.

C. HOLMES BOYD. Baltimore. 116 *Jackson Place.*
A. B., Johns Hopkins University, 1921.

JAMES EDWARD BRESLIN. Providence, R. I. 1216 *N. Broadway.*
Ph. B., Brown University, 1921.

ELIZABETH LYNN BRYAN. Baltimore. 512 *N. Broadway.*
A. B., Goucher College, 1920.

BURDELLE S. CANNON. Baltimore. 2143 *Homewood Av.*
A. B., Johns Hopkins University, 1921.

FRANCIS BAYARD CARTER. Newark, Del. 1620 *E. Biddle St.*
A. B., University of Delaware, 1920; Medical Student, Oxford University, 1920-23.

LACHLAN MCARTHUR CATTANACH. Baltimore. 5824 *York Road.*
A. B., Johns Hopkins University, 1921.

ALEXANDER CAVINS. Indianapolis, Ind. 1522 *N. Broadway.*
A. B., Butler College, 1921.

ALVIN FREDERICK COBURN. Summerville, S. C. 1727 *N. Bdway.*
A. B., Yale University, 1921.

AGNES CONRAD. Madison, Wis. 1228 *N. Eden St.*
S. B., University of Arizona, 1915; M. S., University of Wisconsin, 1919; Medical Student, *ibid.*, 1920-22.

PAUL GAMBER CULLEY. Baltimore. 1532 *N. Broadway.*
A. B., Cornell University, 1921, and A. M., 1923; Medical Student, *ibid.*, 1921-1922.

JEAN PAUL DIXON. Moore, Pa. 221 *E. Preston St.*
A. B., Princeton University, 1921.

GEORGE BILLOW DORNBLASER. Pittsburgh, Pa. 1013 *N. Broadway.*
S. B., University of Pittsburgh, 1921.

CHARLES WELBY DORSEY, JR. Baltimore. 2804 *Elsinor Av.*
A. B., Williams College, 1921.

WATT WEEMS EAGLE. Statesville, N. C. 518 *N. Broadway.*
A. B., University of North Carolina, 1918; Graduate Student, *ibid.*, 1919.

LEWIS ANGEVIN ELDRIDGE, JR. Hempstead, L. I., N. Y. 2804 *N. Calvert St.*
A. B., Harvard University, 1921.

HOUSTON SPENCER EVERETT. Rockingham, N. C. 518 *N. Broadway.*
A. B. and A. M., University of North Carolina, 1920 and 1921.

GEORGE GROSS FINNEY. Baltimore. 1300 *Eutaw Place.*
A. B., Princeton University, 1921.

IRVINE MOORE FLINN, JR. Wilmington, Del. 1612 *E. Biddle St.*
A. B., Princeton University, 1921.

EDWARD LESTER FOOTE. Baltimore. 3821 *Ashburton Av.*
A. B., Johns Hopkins University, 1921.

MARSHALL NAIRNE FULTON. Providence, R. I. 1620 *E. Biddle St.*
Ph. B., Brown University, 1920; A. B., Oxford University, 1922.

SHERMAN SCOTT GARRETT. Champaign, Ill. 520 *N. Broadway.*
A. B., University of Illinois, 1921.

JOHN VIVIAN GOODE. Fort Worth, Tex. 606 *N. Broadway.*
A. B., University of Texas, 1920.

HARRIETT GRIGGS GUILD. Windham, Conn. 800 *N. Broadway.*
A. B., Vassar College, 1920.

GEORGE S. HELLER. Richmond, Va. 809 *N. Broadway.*
S. B., University of Virginia, 1921.

HELEN LOUISE HOPKINS. Los Angeles, Calif. 1250 *N. Broadway.*
A. B., University of California, 1920, and A. M., 1921.

NELSON JACOB HOWARD. Pocatello, Idaho. 1016 *N. Broadway.*
A. B., Johns Hopkins University, 1921.

JAMES THERON HUNTER. Eskridge, Kans. 104 *Jackson Place.*
S. B., Washburn College, 1920.

PAO-CHU. I. Hangchow, China. 104 *Jackson Pl.*
S. B., University of Chicago, 1921.

EDWARD CARROLL JAMES, JR. Atlanta, Ga. 606 *N. Broadway.*
S. B., and A. M., Oglethorpe University, 1920 and 1921.

JAMES THOMAS JOHNSON, JR. Cumberland. 1807 *N. Caroline St.*
A. B., Johns Hopkins University, 1921.

JOHN DUDLEY KEYE. Fargo, N. D. 518 *N. Broadway.*
S. B., Fargo College, 1920.

WILLIAM THEODORE KING. Binghamton, N. Y. 606 *N. Broadway.*
A. B., Hamilton College, 1921.

GROVER CLEVELAND KIRK. Washington, D. C. 1522 *N. Broadway.*
A. B., Temple University, 1913; A. M., University of Pennsylvania, 1916.

WILLIAM KRAUS. Pittsburgh, Pa. 809 *N. Broadway.*
S. B., University of Pittsburgh, 1920.

FREDERICK HENRY KROCK. Los Angeles, Cal. 606 *N. Broadway.*
A. B., Stanford University, 1922; Medical Student, *ibid.*, 1921-23.

HERMAN HENRY WILLIAM KUMM. Summit, N. J. *J. H. H.*
S. B., Haverford College, 1921.

SHIH-HSI LIN. Canton, China. 104 *Jackson Place.*
A. B., Johns Hopkins University, 1921.

LLEWELLYN W. LORD. Baltimore. 1011 *N. Charles St.*
A. B., Johns Hopkins University, 1921.

DOROTHY SOPHIE LUBIN. Bryn Mawr, Pa. 2401 *Eutaw Pl.*
A. B., Bryn Mawr College, 1921.

ARTHUR JOHN MCLEAN. Seattle, Wash. 104 *Jackson Place.*
A. B., Reed College, 1921.

EDWARD DAVIS MAIRE. Detroit, Mich. 518 *N. Broadway.*
A. M., and S. B., Kenyon College, 1921.

SAMUEL FREDERICK MARSHALL. Hagerstown. 1324 *N. Caroline St.*
A. B., Johns Hopkins University, 1921.

MAURICE WILLIAM MILLER. Summit Hill, Pa. 1216 *N. Broadway.*
A. B., Franklin and Marshall College, 1916.

DEWITT NEIGHBORS. Waelder, Tex.
A. B. and A. M., University of Texas, 1921; Medical Student, *ibid.*, 1921-23.

HENRY DARLING NILES. New York, N. Y. 606 *N. Broadway.*
A. B., Johns Hopkins University, 1921.

VERNON HYATT NORWOOD. Baltimore. *Windsor Hills.*
A. B., Johns Hopkins University, 1921.

CHARLES O'DONOVAN, JR. Baltimore. 5 *E. Read St.*
A. B., Catholic University of America, 1921.

LAURENCE S. OTELL. Branford, Conn. 606 *N. Broadway.*
A. B., Catholic University of America, 1919.

EDWARD MORSE PICKFORD. Washington, D. C. 1538 *N. Bdway.*
A. B., Johns Hopkins University, 1921.

GILBERT ALONZO RATCLIFF. Kingman, Ind. 104 *Jackson Place.*
A. B., Indiana University, 1920.

JUNIUS MOTT RAWLINGS. El Paso, Tex. 1254 *N. Broadway.*
S. B., Princeton University, 1921.

HELEN WEBB REITSMA. Cliftondale, Mass. 800 *N. Broadway.*
A. B., Mt. Holyoke College, 1921.

PHILIP ROTHMAN. Detroit, Mich. 1612 *E. Biddle St.*
A. B., Johns Hopkins University, 1922.

BENJAMIN HUGER RUTLEDGE, JR. Charleston, S. C. 1208 *Eutaw Place.*
Virginia Military Institute, 1917-19; A. B., Johns Hopkins University, 1921.

ROBERT SALINGER. Piedmont, Calif. 2801 *W. North Av.*
S. B., University of California, 1916; Graduate Student, Johns Hopkins University, 1920-1921.

DANIEL LAMONT SECKINGER. Savannah, Ga. 426 *N. Broadway.*
A. B., Lenoir College, 1913; A. M., University of North Carolina, 1915.

EZRA ABRAHAM SHARP. Providence, R. I. 1216 *N. Broadway.*
A. B., Harvard University, 1921.

HOPE SHERMAN. Baltimore. 800 *N. Broadway.*
A. B., Smith College, 1907; Ph. D., University of Chicago, 1920

MILTON SHERRY. Baltimore. 1104 *Light St.*
A. B., Johns Hopkins University, 1921.

MARY LOUISE SMALL. Baltimore. 718 *N. Broadway.*
A. B., University of Tennessee, 1917; A. M., Radcliffe College, 1918.

FRANK ROBERT SMITH, JR. Baltimore. 927 *N. Calvert St.*
A. B., Johns Hopkins University, 1921.

HOWARD CHANDLER SMITH. Gate City, Va. 518 *N. Broadway.*
A. B., William and Mary College, 1920.

OLIVE CUSHING SMITH. Baltimore. 4 *E. Biddle St.*
S. B., Johns Hopkins University, 1922; Student at Goucher College and at Newham College, Cambridge, England.

JOHN MURRAY STEELE, JR. Baltimore Co. *Garrison.*
A. B., Harvard University, 1921.

HYMAN STRAUSS. Bristol, Va.-Tenn. 539 *N. Wolfe St.*
A. B., Johns Hopkins University, 1921.

ELMER JAY TEAGARDEN, JR. Brewster, N. Y. 606 *N. Broadway.*
Ph. B., Yale University, 1920.

HARRY VERNON THOMAS. Wheeling, W. Va. 1216 *N. Broadway.*
S. B., Bucknell University, 1921.

THEODORE MCKEE TROUSDALE. Rome, Pa. 606 *N. Broadway.*
A. B., Cornell University, 1921.

WILLIAM FREMONT WAGNER. Los Angeles, Calif. 606 *N. Broadway.*
A. B., Pomona College, 1921.

ELMER GLENN WAKEFIELD. Nashville, Ark. 1507 *E. North Ave.*
S. B., University of Arkansas, 1921.

ZOK TSUNG WANG. Shanghai, China. 808 *N. Broadway.*
S. B., University of Chicago, 1921.

HERBERT SESSIONS WELLS. Hamakuapoko, T. H. 104 *Jackson Pd.*
A. B., Leland Stanford University, 1921; Medical Student, *ibid.*, 1920-1921.

MILO RITTER WHITE. Bristol, Ind. 606 *N. Broadway.*
A. B., George Washington University, 1921.

DEAN COPPER WIDENER. Okmulgee, Okla 828 *N. Broadway.*
A. B., Swarthmore College, 1918.

CHARLES REED WILLSON. Leetonia, O. 1519 *N. Broadway.*
A. B., Wooster College, 1921.

WILLIAM RIVES WILSON. Sturgis, Ky. 606 *N. Broadway.*
S. B., University of Kentucky, 1921.

Second Year

JAMES LIONEL ALLOWAY. Columbus, O. 810 *N. Broadway.*
A. B., Ohio State University, 1922.

DOROTHY HANSINE ANDERSEN. New York, N. Y. 1028 *N. Broadway.*
A. B., Mt. Holyoke College, 1922.

AUBREY W. ARMENTROUT. Linville, Va. 606 *N. Broadway.*
A. B., University of Kentucky, 1922.

J. TRAVIS BENNETT. Taylor, Tex. 606 *N. Broadway.*
A. B., University of Texas, 1922.

JOSEPH BERKSON. New York, N. Y. 809 *N. Broadway.*
S. B., College of the City of New York, 1920; M. A., Columbia University, 1922.

ARTHUR PROCTOR BLACK. Brattleboro, Vt. 1042 *N. Eden St.*
A. B., Amherst College, 1921.

SAMUEL SHIRLEY BLACKMAN, JR. Tullahoma, Tenn. 606 *N. Broadway.*
A. B., Vanderbilt University, 1922.

ABRAM JOEL BLECHMAN. Baltimore. 301 *S. Howard St.*
A. B., Johns Hopkins University. 1922.

BENSON BLOOM. Baltimore. 3310 *Auchentoroly Terr.*
A. B., Johns Hopkins University, 1922.

EARL L. BURKY. Reading, Pa. 518 *N. Broadway.*
S. B., University of Pennsylvania, 1920; Scott Research Fellow in Hygiene, *ibid.* 1920-21; M. S., 1922.

ROBERT MARION COTHRAN. Timmonsville, S. C. 1226 *N. Bdway.*
A. B., Presbyterian College of South Carolina, 1922.

CHARLES EDGAR CREEL. Clopton, Ala. 1626 *E. Biddle St.*
S. B., University of Alabama, 1922.

LEMUEL WHITLEY DIGGS. Hampton, Va. 1521 *N. Broadway.*
A. B., Randolph-Macon College, 1921; M. A., 1922.

JOHN WARNER DUCKETT. Houston, Tex. 606 *N. Broadway.*
A. B., University of Texas, 1922.

HARRISON SALES FORGRAVE, JR. St. Joseph, Mo. 1538 *N. Broadway.*
A. B., Johns Hopkins University, 1922.

CHALMERS LAUGHLIN GEMMILL. Hartsville, Pa. 518 *N. Broadway.*
S. B., Lafayette College, 1922.

CLARA REGINA GROSS. Baltimore. 916 *E. North Ave.*
A. B., Goucher College, 1920; Grad. student, University of Washington, 1921.

RUSSELL CLARK GROVE. Strasburg, Va. 520 *N. Broadway.*
A. B., Roanoke College, 1922.

WILLIAM ADAMS GUNTER, III. Montgomery, Ala. 518 *N. Broadway.*
S. B., University of Alabama, 1922.

ROBERT KENNETH GUSTAFSON. New Haven, Conn. 115 *W. Hamburg St.*
Ph. B., Yale University, 1912; Grad. student, Johns Hopkins University, 1921-22.

EDMUND PENDLETON HUNTER HARRISON, JR. Bel Air. 1538 *N. Bdway.*
A. B., Princeton University, 1922.

DUNCAN CHARTERIS HETHERINGTON. Colorado Springs, Colo. 518 *N. Bdway.*
A. B., Colorado College, 1919; A. M., University of Illinois, 1920; Ph. D., University of Illinois, 1922.

GEORGE ADOLPH HILLEMAN. Pittsburgh, Pa. 1622 *E. Biddle St.*
S. B., Haverford College, 1922.

DAVID GRANVILLE HUMPHREYS. Fernandina, Fla. 520 *N. Broadway.*
A. B., Washington and Lee University, 1922.

OLAN R. HYNDMAN. Houston, Tex. 917 *N. Broadway.*
S. B., Rice Institute, 1921.

SAMUEL HAROLD IMBODEN. Elizabethtown, Pa. 1619 *E. Preston St.*
S. B., Franklin and Marshall College, 1921.

CHRISTOPHER JOHNSTON. Baltimore. 709 *St. Paul St.*
A. B., Johns Hopkins University, 1922.

PAUL NUGENT JOHNSTONE. Kansas City, Mo. 3419 *Holmes Av.*
A. B., University of Missouri, 1922; Medical Student, Universities of Missouri, Wisconsin and Georgia, 1921-23.

EDMUND BREDOW KELLY. Baltimore. 1406 *Eutaw Pl.*
A. B., Princeton University, 1921.

JOSEF ALFRED KINDWALL. Minneapolis, Minn. 606 *N. Broadway.*
A. B., University of Minnesota, 1922.

SANDER EDWIN LACHMAN. Baltimore. 905 *Chauncey Ave.*
A. B., Johns Hopkins University, 1921.

ALBERT HENRY LAHMANN. Milwaukee, Wis. 914 *N. Patterson Pk. Av.*
A. B., University of Wisconsin, 1923; Medical Student, *ibid.*, 1922-23.

FRANCIS HOWARD LANGLEY. St. Petersburg, Fla. 1624 *E. Preston St.*
A. B., Ohio Wesleyan University, 1922.

WILLIAM ABNER LINTHICUM. Rockville. 234 *Laurens St.*
A. B., Randolph-Macon College, 1922.

RUTH LOVELAND. Hackensack, N. J. 2524 *Maryland Av.*
A. B., Wellesley College, 1920; Summer School, Cornell University, 1920.

DOROTHY LUCILLE LOYNES. Springfield, Mass. 1028 *N. Broadway.*
A. B., Brown University, 1921.

DONALD HECTOR MACDONALD. Baltimore. 1540 *N. Broadway.*
A. B., Johns Hopkins University, 1922.

JACOB HOLT MCCRACKEN, JR. Washington, N. C. 1624 *Preston St.*
A. B., Trinity College (N. C.), 1922.

LUCIUS EMMETT MADDEN. Columbia, S. C. 1614 *Biddle St.*
S. B., Clemson Agricultural College, 1922.

HOUSTON H. MERRITT, JR. Wilmington, N. C. 606 *N. Bdway.*
A. B., Vanderbilt University, 1922.

MORRIS MYERS. Baltimore. 2117 *Edmondson Av.*
A. B., Johns Hopkins University, 1922.

JAMES CLAGGETT OWINGS. Simpsonville. 810 *N. Broadway.*
A. B., St. John's College, 1922.

THOMAS MYERS PALMER. Tallahassee, Fla. 519 *N. Wolfe St.*
S. B., University of Florida, 1919; A. B., University of Oxford, 1923.

ERIC HOWARD PATTISON. New York, N. Y. 518 *N. Broadway.*
A. B., Williams College, 1922.

BAILLIE PRICE PORTER. Baltimore. 422 *Roland Av.*
S. B., Princeton University, 1922.

JULIAN PLEASANTS PRICE. Nanking, China. 810 *N. Broadway.*
A. B. and M. A., Davidson College, 1922.

JACOB RAVIDOWITZ. Jaffa, Palestine. 913 *N. Broadway.*
A. B., Johns Hopkins University, 1922.

FOUNT RICHARDSON. Cane Hill, Ark. 1222 *N. Caroline St.*
A. B., University of Arkansas, 1922.

BENJAMIN RONES. Baltimore. 4627 *Pimlico Rd.*
A. B., Johns Hopkins University, 1922; Medical Student, Harvard University, 1922-23.

EDMUND WILLIAM SCHACHT. Racine, Wis. 1029 *N. Broadway.*
S. B., Beloit College, 1922.

MERRIWELL TIECHE SHELTON. Chatham, Va. 1624 *Preston St.*
A. B., Trinity College (N. C.), 1922.

HENRY CORNELIUS SMITH. Johnson City, N. Y. 1525 *N. Bdway.*
S. B., Hamilton College, 1922.

LAWRENCE WILLIS SMITH. Marietta, O. 518 *N. Broadway.*
A. B., Marietta College, 1922.

RANDOLPH TUCKER SMITH. Camden, Ark. 518 *N. Broadway.*
A. B., Washington and Lee University, 1920; Grad. student, Johns Hopkins University, 1921-1922.

JESSE SAMUEL SPANGLER. Westminster. 1012 *N. Broadway.*
A. B., Franklin and Marshall College, 1922.

JOSEPH P. SPARKS. Peoria, Ill. 404 *E. 31st St.*
A. B., Johns Hopkins University, 1922.

RAYMOND ROSCOE SQUIER. Denver, Colo. 518 *N. Broadway.*
A. B., University of Colorado, 1922.

WILLIAM KURTZ STOWERS. Pine Ridge, Miss. 1226 *N. Bdway.*
S. B., Mississippi Agricultural and Mechanical College, 1922.

HELEN CLYMER STRAYER. Annapolis. 202 *Edgevale Rd., Rld. Pk.*
A. B., Dickinson College, 1922.

CHARLES LOWERY SUTTLES. Houston, Tex. 1525 *N. Broadway.*
A. B., Rice Institute, 1921.

MARGARET SWIGART. Chevy Chase. 1720 *E. Madison St.*
A. B., Goucher College, 1922.

ISAAC RIDGEWAY TRIMBLE. Baltimore. 8 *W. Madison St.*
A. B., Princeton University, 1922.

HENRY BROWN TURNER. New York, N. Y. 1028 *N. Broadway.*
A. B., Princeton University, 1920.

CHARLES RAYMOND WILCOX. Mt. Vernon, Ia. 802 *N. Patterson Pk. Av.*
S. B., Northwestern University, 1921; M. S., 1921.

LAWRENCE FOSS WOOLLEY. Salt Lake City, Utah. 810 *N. Bdway.*
A. B., University of Utah, 1922.

STANLEY WORDEN. Baltimore. 1844 *W. Saratoga St.*
A. B., Johns Hopkins University, 1922.

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First Year

EDWIN DWIGHT BARNETT. Santa Rosa, Cal. 928 *N. Caroline St.*
A. B., Stanford University, 1921.

RICHARD CURRY BLACKWELL. Quincy, Fla. 1016 *N. Broadway.*
A. B., University of Virginia, 1923.

THOMAS WALLACE BLAKE. Olympia, Wash. 806 *N. Broadway.*
S. B., Washington State College, 1923.

HARVEY GARNER BLAND. Cologne, Va. 1521 *N. Broadway.*
A. B., Randolph-Macon College, 1923.

ALLAN PENNY BLOXSOM. Houston, Tex. 712 *N. Broadway.*
A. B., Rice Institute, 1923.

CHARLES BOLLER. Buffalo, N. Y. 1639 *McElderry St.*
A. B., Williams College, 1923.

JAMES BORDLEY, III. Baltimore. 810 *Cathedral St.*
Ph. B., Yale University, 1923.

JOHN WILKINSON BRITTINGHAM. Augusta, Ga. 1521 *N. Broadway.*
Ph. B., Georgetown University, 1922, and A. M., 1923.

MADELAINE RAY BROWN. Providence, R. I. 800 *N. Broadway.*
A. B., Bryn Mawr College, 1920; A. M., Brown University, 1923.

EDWARD FRANKLIN BUCHNER, JR. Baltimore. 2120 *Callow Ave.*
A. B., Johns Hopkins University, 1923.

ELBERT HAYS CALDWELL. Scottsboro, Ala. 120 *Jackson Pl.*
S. B., Alabama Polytechnic Institute, 1923.

WILLIAM MCNEILL CARPENTER. Greenville, S. C. 1226 *N. Broadway.*
S. B., Furman University, 1922; A. B., University of North Carolina, 1923.

MURRAY MARCUS COPELAND. McDonough, Ga. 806 *N. Broadway.*
A. B., Oglethorpe University, 1923.

WILLIAM GAYLE CRUTCHFIELD. Stamping Ground, Ky. 812 *N. Bdway.*
A. B., University of Kentucky, 1922.

RICHARD CRALLE CUMMING. Winchester, Ky. 733 *N. Broadway.*
A. B., Kentucky Wesleyan College, 1923.

SARAH S. DEITRICK. Watsontown, Pa. 800 *N. Broadway.*
A. B., Wellesley College, 1918; Graduate Student, Bucknell University, 1922-1923.

JAMES MILTON PARKER DOOLEY. Bloomington, Ill. 1012 *N. Broadway.*
S. B., Illinois Wesleyan University, 1923.

HARRY EAGLE. Baltimore. 1204 *N. Caroline St.*
A. B., Johns Hopkins University, 1923.

FRANK R. FERLAINO. Brooklyn, N. Y. 716 *N. Broadway.*
S. B., Princeton University, 1922, and A. M., 1923.

ARTHUR IRVIN FINK. Baltimore. 916 *N. Broadway.*
A. B., Johns Hopkins University, 1923.

WHITMER BENNETT FIROR. Cascade. 1323 *Edmondson Ave.*
A. B., Johns Hopkins University, 1923.

LOUIS BARKHOUSE FLEXNER. Chicago, Ill. 1612 *E. Biddle St.*
S. B., University of Chicago, 1922.

CLESS YELVING FORDYCE. Middlebourne, W. Va. 927 *N. Bdway.*
A. B., West Virginia University, 1922.

FREDERICK SONGSTER FOSTER. Hopewell, Pa. 1254 *N. Broadway.*
S. B., Lafayette College, 1923.

CHARLES GESCHICKTER. Washington, D. C. 928 *N. Caroline St.*
A. B. and A. M., George Washington University, 1920 and 1922.

THOMAS CAMPBELL GOODWIN. Forest Hill. 1720 *N. Broadway.*
S. B. and M. S., University of Virginia, 1923.

JOSEPH BROWN GRAHAM. Talladega, Ala. 1226 *N. Broadway.*
S. B., Emory University, 1923.

JAMES ROBERT HAMILTON. Sheridan, Ky. 1619 *E. Preston St.*
A. B., University of Kentucky, 1923.

IRWIN CLAY HANGER. Staunton, Va. 1720 *N. Broadway.*
A. B. and A. M., University of Virginia, 1923.

HALDAN KEFFER HARTLINE. Bloomsburg, Pa. 1532 *N. Bdway.*
S. B., Lafayette College, 1923.

WILLIAM BRUCE HAWKINS. Springfield, Mass. 1042 *N. Eden St.*
A. B., Amherst College, 1922.

HENRY LOUIS HILGARTNER, JR. Austin, Tex. 1254 *N. Broadway.*
A. B., Princeton University, 1923.

ANNA HOROSCHAK. Perth Amboy, N. J. 715 *N. Bdway.*
S. B., Bucknell University, 1923.

HOWARD HANFORD HOPKINS. Baltimore. 2721 *N. Charles St.*
A. B., Johns Hopkins University, 1923.

WALTER BRENAMAN JOHNSON. Baltimore 2708 *N. Calvert St.*
A. B., Johns Hopkins University, 1923.

CHARLES BLAND JONES. Blackstone, Va. 521 *N. Wolfe St.*
S. B., College of William and Mary, 1923.

ALLEN IZARD JOSEY. Columbia, S. C. 1614 *E. Biddle St.*
S. B., University of South Carolina, 1923.

FRED RAYMOND LANDON. Burnet, Tex. 1016 *N. Broadway.*
A. B., Southwestern University, 1923.

JOSEPH LEVY. New York, N. Y. 539 *N Wolfe St.*
S. B., College of City of New York, 1921; A. M., Johns Hopkins University, 1923.

SAMUEL MCLANAHAN, JR. Baltimore. *The Cecil.*
A. B., Princeton University, 1923.

MARVIN MCDUGALD MCLEAN. Washington, D. C. 120 *Jackson Pl.*
S. B., Princeton University, 1923.

LINDUS CODY MARSH. Washington, D. C. 1512 *N. Broadway.*
A. B., Kenyon College, 1907; Graduate Student, Columbia and George Washington Universities.

GEORGE BURCH MEHLIN. San Diego, Cal. 120 *Jackson Pl.*
A. B., Pomona College, 1923.

LYMAN THOMPSON MEIKS. A. B., DePauw University, 1923.	Shelbyville, Ind.	1028 *N. Broadway.*
WILLIAM FELIX MENGERT. S. B., Haverford College, 1921.	Washington, D. C.	1012 *N. Bdway.*
WILLIAM MARTIN MILLAR. A. B., Lafayette College, 1923.	Danville, Pa.	1254 *N. Broadway.*
JAY FREDERICK MILLER. A. B., University of Oregon, 1922.	Medford, Ore.	907 *N. Broadway.*
MEYER MILLER. A. B., Johns Hopkins University, 1923.	Baltimore.	2260 *Linden Ave.*
WENDELL STANLEY MUNCIE. S. B., University of Illinois, 1921.	Olney, Ill.	1032 *N. Eden St.*
PAUL CLIFFORD PADGET. A. B., University of Michigan, 1923.	Lenoir City, Tenn.	1028 *N. Bdway.*
HELEN SINCLAIR PITTMAN. A. B., Smith College, 1921.	Elizabethtown, N. Y.	800 *N. Bdway.*
JOSEPH POCZOS. S. B., Trinity College (Conn.), 1923.	Bridgeport, Conn.	753 *E. Preston St.*
OSMER SAMUEL RANDALL. A. B., University of Missouri, 1923.	Fort Worth, Tex.	716 *N. Broadway.*
ERNEST HENRY RENNEBAUM. A. B., University of Illinois, 1921.	Franklinville, N. J.	1032 *N. Eden St.*
ANTOINE JOSEPH SCHNEIDER. A. B., Catholic University of America, 1922.	Washington, D. C.	120 *Jackson Pl.*
MARCUS SCHWARTZ. A. B., Columbia University, 1923.	New York, N, Y.	431 *N. Broadway.*
ALEXANDER RUSSELL SLAGLE. A. B., Princeton University, 1922; Graduate Student, Johns Hopkins University, 1922-23.	Baltimore.	828 *N. Broadway.*
HUGH HOLLINGSWORTH SMITH. A. B., Davidson College, 1923.	Easley, S. C.	810 *N. Broadway.*
WILBUR KENNETH SMITH. A. B., Johns Hopkins University, 1923.	Monkton.	1667 *Darley Ave.*
SLOAN GIFFIN STEWART. S. B., Princeton University, 1923.	Atlantic City, N. J.	1013 *N. Bdway.*
RICHARD ADOLPH STIEFEL. A. B., Baldwin-Wallace College, 1922.	Berea, O.	927 *N. Broadway.*
WILLIAM CURRY SULLIVAN. A. B., University of Rochester, 1923.	Rochester, N. Y.	1612 *E. Biddle St.*
VIVIAN TAPPAN. A. B., Barnard College, 1919; A. M., Columbia University, 1920.	Englewood, N. J.	708 *N. Broadway.*
MADELINE JOSEPHINE THORNTON. A. B., Syracuse University, 1923.	Schenectady, N. Y.	2313 *E. Federal St.*
SAMUEL KENDIG WALLACE. A. B., Johns Hopkins University, 1922.	Baltimore.	2839 *Walbrook Ave.*
HERBERT GERALD WARDEN. S. B., Colby College, 1923.	Lawrence, Mass.	1610 *E. Biddle St.*
HUGH WARREN. A. B., University of Michigan, 1923.	Kansas City, Mo.	521 *N. Wolfe St.*
GRACE EVELYN WILDER. A. B., Colby College, 1921.	Wilton, Me.	708 *N. Broadway.*
PALMER FRANCIS C. WILLIAMS. S. B., Princeton University, 1923.	Baltimore.	*Gilman Country Sch.*
RAYMOND WING. A. B., University of Texas, 1923.	Austin, Tex.	939 *N. Broadway.*

WALTER LAFOLLETTE WINKENWERDER. S. B., Beloit College, 1923.	Berlin, Wis.	606 *N. Broadway.*
CHARLES MAURICE WOLBERT. S. B., Lafayette College, 1921.	Easton, Pa.	1010 *E. Baltimore St.*
BLANDINA WORCESTER. A. B., Radcliffe College, 1923.	Boston, Mass.	708 *N. Broadway.*
BERNHARDT INGEMANN WULFF. A. B., Yale University, 1923.	Derby, Conn.	733 *N. Broadway.*
CHARLES TINDAL YOUNG. S. B., Clemson College, 1923.	Conyers, Ga.	806 *N. Broadway.*

PHYSICIANS ATTENDING SUMMER COURSES, 1923

WILLIAM H. AMBROSE. Greenfield, Ohio.
M. D., Eclectic Medical College, 1899; Cincinnati College of Medicine and Surgery, 1900.

ERNEST ELMO ARCHER. Paintsville, Ky.
M. D., University of Louisville, 1910.

ROBERT L. BAIRD. Dixon, Ill.
M. D., Hahneman Medical School, 1908.

JAMES MONROE BAMBER. New Orleans, La.
M. D., Memphis Medical College, 1908.

HENRY BEECHUM BURDESHAW. Dothan, Ala.
M. D., Tulane University, 1916.

CLARENCE MOORE BYNUM. Marshville, N. C.
M. D., Medical College of Virginia, 1914.

MALCOLM SAMUEL CAMPBELL. Malvern, Iowa.
M. D., Tufts Medical College, 1915.

HENRY STAPLETON DANIEL. Louisa, Va.
M. D., Medical College of Virginia, 1917.

FRANCIS EARL EAKIN. New Castle, Pa.
M. D., Jefferson Medical College, 1918.

G. RANSOM FAIRTHCLOTH. Williamsville, Va.
M. D., Maryland Medical College, 1909.

ALFRED J. FINN. Waterbury, Conn.
M. D., Bowdoin Medical College, 1920.

HOMER ALFONSO GILLIAM. Milburn, Ky.
M. D., University of Louisville, 1909.

BENJAMIN CHARLES HAMILTON, JR. Jefferson, Iowa.
M. D., Northwestern University, 1909.

GROVER C. HARDIE. Fort Pierce, Fla.
M. D., Atlanta School of Medicine, 1911.

MARK D. HILL. Oakland, Ill.
M. D., Hahneman Medical College, 1910.

JOHN FRANKLIN KIRKSEY. Mayfield, Ky.
M. D., University of Louisville, 1897.

HARRY E. LEVIT. Mt. Pleasant Sanatorium, Reisterstown, Md.
M. D., Medical College of South Carolina, 1920.

EDWIN RALPH LEWIS. Clinton, N. Y.
M. D., Baltimore Medical College, 1909.

ROBERT W. LOVE. Moorefield, W. Va.
M. D., Baltimore Medical College, 1897.

MAURICE ISADORE MENDELOFF. Charleston, W. Va.
M. D., College of Physicians and Surgeons, Baltimore, 1913.

JOSEPH EUGENE MERCER. Vidalia, Ga.
M. D., University of Georgia, 1913.

JOHN ALFRED NEWNHAM. Stuart, Florida.
M. D., Georgia College of Eclectic Medicine and Surgery, 1914.

WILLIAM GILCHRIST SAUNDERS. Jackson, Tenn.
M. D., Vanderbilt Medical School, 1907.

MAURICE E. SHAMER. Baltimore.
M. D., Baltimore Medical College, 1910.

HENRY CLAY SMITH. Crewe, Va.
M. D., Medical College of Virginia, 1911.

RALPH HOMER SMITH. Lancaster, Ohio.
M. D., Starling Medical College, 1905.

SAMUEL THOMAS TAPSCOTT. Searcy, Ark.
M. D., University Medical College of Kansas City, 1907.

IRVIN M. WERTZ. Hagerstown, Md.
M. D., University of Maryland, 1903.

CHICHESTER T. PEIRCE. Nuttsville, Va.
M. D., Medical College of Virginia, 1899.

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III. SCHOOL OF HYGIENE AND PUBLIC HEALTH

FELLOW BY COURTESY

MAYNARD MAYO METCALF, PH. D.

A. B. Oberlin College 1889 and Sc. D. 1914; Ph. D. Johns Hopkins University 1893; Associate Professor of Biology, Goucher College 1893-1897 and Professor 1897-1906; Professor of Zoology Oberlin College 1906-1914.

RESEARCH FELLOWS

ALFRED JAMES LOTKA — New York, N. Y. — 625 *St. Paul St.*
S. B. Mason College, Birmingham University (England) 1901 and Sc. D. 1912; A. M. Cornell University 1909 *Statistics*

MARGARET BAXTER MACDONALD — Baltimore, Md. — 837 *Hamilton Ter.*
A. B. Mount Holyoke College 1898; Ph. D. Bryn Mawr College 1902; Instructor Assistant Professor and Associate Professor in Agricultural Chemistry Pennsylvania State College 1907-1917; and Professor in Food and Nutrition 1917-1921 *Chemical Hygiene*

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GRADUATE FELLOWS

MARY JEANNETTE CHAPMAN — Brownsville, Texas — 1608 *Linden Av.*
A. B. Randolph-Macon Woman's College 1920 *Immunology*

FRANCES ADELE COVENTRY — Lancaster, Pa. — 419 *E. 22nd St.*
A. B. Goucher College 1920 *Medical Zoology*

VLADIMIR TRIPHON DIMITROFF — Providence, R. I. — 313 *Mosher St.*
A. M. Brown University 1921 *Bacteriology*

CALISTA POST ELIOT — Portland, Ore. — 20 *E. Mt. Vernon Pl.*
A. B. Reed College 1920 *Bacteriology*

MARY HARDY — Baltimore — 518 *Cathedral St.*
A. B. Bryn Mawr College 1920 *Physiological Hygiene*

CHESTER ALBERN HERRICK — Manhattan, Kansas — 1325 *Linden Av.*
S. B. and S. M. Kansas State Agricultural College 1921 and 1923 *Medical Zoology*

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ROCKEFELLER FOUNDATION FELLOWS

ARLINGTON AILES — Sidney, Ohio — 1502 *Eutaw Pl.*
M. D. Medical College of Ohio 1908

AFRANIO DO AMARAL — São Paulo, Brazil — 312 *W. Monum't St.*
Sc. B. e Lett. Bahia Gymnasium 1910; M. D. Bahia Medical School 1916

VINCENT GEORGE BABECKI — Plock, Poland — 1121 *Madison Av.*
M. D. Cracow University 1917

JOSEPH BALO — Budapest, Hungary — 310 *E. 22nd St.*
M. D. University of Budapest 1919

CLARENCE DALE BARRETT — Wooster, Ohio — 1520 *Eutaw Pl.*
M. D. Ohio State University 1914; Health Commissioner of Wayne County, Ohio

TELEMACO SEGUNDO BATTISTINI — Lima, Peru — 3208 *Elgin Av.*
M. B. University of Lima 1920; Graduate in Medicine University of Madrid 1922

LUCIEN LEROE BENEPE — Helena, Montana — 1317 *Madison Av.*
S. B. Montana State College 1921

YVES MARIE BIRAUD — Poitiers, France — 1211 *Madison Av.*
Ä. B. and S. M. University of Poitiers 1916 and 1919; M. D. University of Paris 1923

JAMES BAILEY BLACK — Tupelo, Miss. — 3109 *N. Calvert St.*
M. D. Tulane University of Louisiana 1918

PHRA BORIRAKSH — Bangkok, Siam — 24 *E. Mt. Vernon Pl.*
M. D. Chulalongkorn University 1912

GEORGE HUGH BOYD — Emory Univ., Ga. — 302 *W. Lanvale St.*
A. B. and S. M. Emory University 1917 and 1922

LUANG CHEDT — Bangkok, Siam — 24 *E. Mt. Vernon Pl.*
M. D. Chulalongkorn University 1915

CARL RUPP DOERING — Fort Worth, Tex. — 15 *Talbot Rd.*
A. B. Texas Christian University 1921; M. D. Baylor Medical College 1921

JOSEPH VITAL DEPORTE — Albany, N. Y. — 1020 *N. Calvert St.*
A. B. University of Oklahoma 1912; A. M. Princeton University 1914; Ph. D Cornell University 1916

MARTIN DZUIBAN — Kosice, Czechoslovakia — 2611 *Maryland Av.*
M. D. University of Prague 1918

COWASSHA RATANSHA EDIBAM — Camp Indore, India — 2652 *Maryland Av.*
M. B. B. S. University of Bombay 1913

STEPHEN ANTON PAUL EDERER — Budapest, Hungary — 929 *N. Broadway*
M. D. Hungarian Royal University of Budapest 1919

RAYMOND DURSTON FEAR — Deep River, Conn. — 2412 *Callow Av.*
A. B. and A. M. Hamilton College 1913 and 1917; M. D. Johns Hopkins University 1917

OCTAVIO CARLOS PINTO GUEDES — Rio Janeiro, Brazil — 115 *McMechen St.*
M. D. Faculty of Medicine, Rio Janeiro 1909; Diploma, Oswaldo Cruz Institute 1911

EUVALDO DINIZ GONCALVES — Bahia, Brazil — 312 *W. Monument St.*
M. D. Faculty of Medicine, Bahia 1911

EDWARD HANKE — Krolewska Huta, Poland — 1007 *Madison Av.*
M. D. Lemberg University 1919

HOU-KI HU — Wusih, China — *Homewood*
M. D. Government Medical College, Peking 1916 and Associate in Bacteriology 1919-1922; C. P. H. Johns Hopkins University 1923

TSE FANG HUANG — Amoy, China — 312 *W. Monument St.*
S. B. and S. M. University of Chicago 1921 and 1922; Rush Medical College 1919-1923

MAY FLORENCE HYLAND — Lincoln, Neb. — 312 *W. Monument St.*

MARTIN KACPRZAK — Plock, Poland — 3201 *Guilford Av.*
M. D. University of Kharkow 1915

SARANJAN KHAN — Bannu, India — 2213 *N. Charles St.*
S. B. Government College, Lahore, Punjab, India 1911; M. B. B. S. King Edward's Medical College, Lahore 1915

SHENTON STANLEY KING — St. John, N. B. — 312 *Mosher St.*
M. D. C. M. McGill University 1905

CHARLES KOENIG — Toledo, Ohio — 5018 *Denmore Av.*
M. D. Long Island College Hospital 1914

EDWARD AUGUSTUS LANE — Walkerton, Can. — 2626 *N. Charles St.*
A. B. Williams College 1912; M. D. Cornell Medical School 1916

HILARIO LARA — Imus, Cavite, P. I. — 904 *Madison Av.*
M. D. University of the Philippines 1919; C. P. H. Johns Hopkins University 1923

THOMAS JOHN LE BLANC — Cheboygan, Mich. — 3323 *Alto Av.*
A. B. and M. S. P. H. University of Michigan 1917 and 1920; C. P. H. Johns Hopkins University 1922

GUSTAVO DE SÁ LESSA — Rio Janeiro, Brazil — 117 *W. Franklin St.*
M. D. Faculty of Medicine, Rio Janeiro 1915

THOMAS WILLIAM MAHONEY — Springfield, O. — 1214 *Madison Av.*
M. D. University of Cincinnati 1913; District Health Supervisor of Ohio

WACLAW MAJEWSKI — Chelm, Poland — 1121 *Madison Av.*
M. D. University of Cracow 1915

HAR GOBIND DAYAL MATHUR — Jaipur State, India — 815 *N. Charles St.*
S. B. and M. B. B. S. Allahabad University 1911 and 1916

WILLIAM ALEXANDER MCINTOSH — Oberlin, Ohio — 726 *Reservoir St.*
A. B. and A. M. Oberlin College 1913 and 1915; M. D. Johns Hopkins University 1919; District Health Commissioner of Loraine County, Ohio

ANTONIO ORTIZ DE LANDAZURI — Madrid, Spain — 904 *Madison Av.*
Sc. B. e Lett. Institute of San Isidro 1910; M. D. University of Madrid 1922

KONRAD ORZECHOWSKI — Warsaw, Poland — 1121 *Madison Av.*
M. D. University of Cracow 1912; State Public Health Officer of District of Warsaw

HYNEC JAN PELC — Strakonice, Czechoslovakia — 1610 *Eutaw Pl.*
M. D. Medical Faculty, Prague 1919; C. P. H. Harvard and Massachusetts Institute of Technology School of Public Health 1920; Acting Director Division for Venereal Diseases, Ministry of Health, Prague

JOSE DE AGUIAR COSTA PINTO — Bahia, Brazil — 115 *McMechen St.*
Phar. D. and M. D. Faculty of Medicine, Bahia 1898 and 1900; Associate Professor of Legal Medicine and Hygiene, Bahia Medical School

GEORGE HERBERT RAMSEY — Lansing, Mich. — 809 *Park Av.*
A. B. Rutgers College 1913; M. D. College of Physicians and Surgeons, Columbia 1917

IRL CEPHAS RIGGIN — Suffolk, Va. — 2224 *N. Charles St.*
A. B. Western Maryland College 1913; M. D. Johns Hopkins University 1917

MAS SARDJITO — Weltevreden, Java — 904 *Madison Av.*
M. D. Weltevreden, Java 1916; M. D. University of Leiden 1923

THOMAS FORT SELLERS — Atlanta, Ga. — 907 *Cathedral St.*
A. B. Mercer University 1911; S. M. University of Michigan 1917

JAMES SHIRLEY SWEENEY — Gainesville, Texas — 312 *W. Monument St.*
A. B. and A. M. Texas Christian University 1917 and 1918; M. D. Vanderbilt University 1921

MISAO TANABE — Okayama, Japan — 1109 *St. Paul St.*
M. D. Okayama College 1918

RUSSELL BENTON TEWKSBURY — Boston, Mass. — 1210 *St. Paul St.*
S. B. Massachusetts Institute of Technology 1922

CORNELIS VAN NOORT — Rotterdam, Holland — 312 *W. Monument St.*
M. D. University of Leiden 1918

OSCAR VARGAS — San Jose, Costa Rica — 710 *Park Av.*
A. B. Costa Rican Lyceum 1915; Ph. Ch. University of Michigan 1922

ZENO COLOMANNUS ADAMUS ZAFFIRY — Budapest, Hungary — 834 *N. Eutaw St.*
M. D. and D. P. H. University of Budapest, 1915 and 1921

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CANDIDATES FOR THE DEGREE OF DOCTOR OF PUBLIC HEALTH

MILFORD EDWIN BARNES — Monmouth, Ill. — *The Altamont*
A. B. Monmouth College 1905; S. B. University of Chicago 1912; M. D. Rush Medical College 1914; London School of Tropical Medicine 1919; Senior State Director, International Health Board

PHRA BORIRAKSH — Bangkok, Siam — 24 *E. Mt. Vernon Pl.*
M. D. Chulalongkorn University 1912

LUANG CHEDT — Bangkok, Siam — 24 *E. Mt. Vernon Pl.*
M. D. Chulalongkorn University 1915

MARTIN DZUIBAN — Kosice, Czechoslovakia — 2611 *Maryland Av.*
M. D. University of Prague 1918

COWASSHA RATANSHA EDIBAM — Camp Indore, India — 2652 *Maryland Av.*
M. B. B. S. University of Bombay 1913

RAYMOND DURSTON FEAR — Deep River, Conn. — 2412 *Callow Av.*
A. B. and A. M. Hamilton College 1913 and 1917; M. D. Johns Hopkins University 1917

OCTAVIO CARLOS PINTO GUEDES — Rio Janeiro, Brazil — 115 *McMechen St.*
M. D. Faculty of Medicine, Rio Janeiro 1909; Diploma, Oswaldo Cruz Institute 1911

HOU-KI HU — Wusih, China — *Homewood*
M. D. Government Medical College Peking 1916 and Associate in Bacteriology 1919-1922; C. P. H. Johns Hopkins University 1923

EDGAR ERSKINE HUME — Frankfort, Ky. — War Dept., Washington.
A. B., A. M. and LL. D. Centre College 1908, 1909 and 1923; M. D. Johns Hopkins University 1913; Army Medical School 1917; C. P. H. Harvard—Massachusetts Institute of Technology School of Public Health 1921; D. T. M. Harvard School of Tropical Medicine 1922; Major, Medical Corps. U. S. A.

MARTIN KACPRZAK — Plock, Poland — 3201 *Guilford Av.*
M. D. University of Kharkow 1915

JOHN FOX KENDRICK — Charlotte, N. C. — 802 *Cathedral St.*
S. B. University of North Carolina 1912; M. D. Jefferson Medical College 1914; Senior State Director, International Health Board

SARANJAN KHAN — Bannu, India — 2213 *N. Charles St.*
S. B. Government College, Lahore, Punjab, India 1911; M. B. B. S. King Edward's Medical College, Lahore 1915

CHANG SEI KIM — Pyeng-yang, Korea — 1225 *Madison Av.*
M. D. Severence Union Medical College 1916

SHENTON STANLEY KING — St. John, N. B. — 313 *Mosher St.*
M. D. C. M. McGill University 1905

ARTHUR D. KNOTT — Salt Lake City, Utah — 101 *E. Monument St.*
A. B. Bethel College 1896; M. D. Vanderbilt University 1900

HSIEN WU KUNG — Peking, China — 526 *W. Mulberry St.*
M. D. Peking Union Medical College 1918

EDWARD AUGUSTUS LANE — Walkerton, Can. — 2626 *N. Charles St.*
A. B. Williams College 1912; M. D. Cornell Medical School 1916

HILARIO LARA — Imus, Cavite, P. I. — 904 *Madison Av.*
M. D. University of the Philippines 1919; C. P. H. Johns Hopkins University 1923

HAR GOBIND DAYAL MATHUR — Jaiper State, India — 815 *N. Charles St.*
S. B. and M. B. B. S. Allahabad University 1911 and 1916

WILLIAM ALEXANDER MCINTOSH — Oberlin, Ohio — 726 *Reservoir St.*
A. B. and A. M. Oberlin College 1913 and 1915; M. D. Johns Hopkins University 1919; District Health Commissioner of Loraine County, Ohio

DORIS AUDREY MURRAY — S. John, N. B. — *Riderwood, Md.*
A. B. McGill University 1915; M. D. Johns Hopkins University 1919

HYNEK JAN PELC — Strakonice, Czechoslovakia — 1610 *Eutaw Pl.*
M. D. Medical Faculty Prague 1919; C. P. H Harvard and Massachusetts Institute of Technology School of Public Health 1920; Acting Director, Division for Venereal Diseases, Ministry of Health, Prague

ANTONIO PENA — Bogota, Colombia — 712 *St. Paul St.*
M. D. National University of Colombia 1922

JOSE DE AGUIAR COSTA PINTO — Bahia, Brazil — 115 *McMechen St.*
Phar. D. and M. D. Faculty of Medicine, Bahia 1898 and 1900; Associate Professor of Legal Medicine and Hygiene, Bahia Medical School

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CANDIDATES FOR THE DEGREE OF DOCTOR OF SCIENCE IN HYGIENE

HOWARD BANCROFT ANDERVONT — Canton, Ohio — 3323 *Alto Av.*
S. B. Mount Union College 1923; Assistant, Johns Hopkins University. *Medical Zoology*

JUSTIN MEREDITH ANDREWS — Providence, R. I. — 1325 *Linden Av.*
Ph. B. Brown University 1923 *Medical Zoology*

ANNA MEDORA BAETJER — Baltimore — 500 *Roland Av.*
A. B. Wellesley College 1920; Assistant, Johns Hopkins University *Physiological Hygiene*

ELEANOR ALBERT BLISS — Baltimore — 1026 *N. Calvert St.*
A. B. Bryn Mawr College 1921 *Bacteriology*

GEORGE HUGH BOYD — Emory Univ., Ga. — 302 *W. Lanvale St.*
A. B. and S. M. Emory University 1917 and 1922 *Medical Zoology*

HENRY SAMUEL BROWN, JR. — Columbiana, Ohio — 3323 *Alto Av.*
S. B. Mount Union College 1920 *Medical Zoology*

LILLIAN CROMBIE BURROUGHS — Baltimore — 2313 *E. Federal St.*
A. B. Goucher Coulege 1917 *Chemical Hygiene*

MARY JEANNETTE CHAPMAN — Brownsville, Tex. — 1608 *Linden Av.*
A. B. Randolph-Macon Woman's College 1920 *Immunology* [Graduate Fellow 1923-24]

FRANCES ADELE COVENTRY — Lancaster, Pa. — 419 *E. 22nd St.*
A. B. Goucher College 1920 *Medical Zoology* [Graduate Fellow 1923-1924]

EMILY HAVILAND DAVIS — Baltimore — *Ten Hills*
A. B. Goucher College 1916 *Chemical Hygiene*

VLADMIR TRIPHON DIMITROFF — Providence, R. I. — 313 *Mosher St.*
A. M. Brown University 1921 *Bacteriology* [Graduate Fellow 1923-1924]

CARL RUPP DOERING — Fort Worth, Tex. — 15 *Talbot Rd.*
A. B. Texas Christian University 1921; M. D. Baylor Medical College 1921 *Statistics*

MARTHA OLIVER ECKFORD — Columbus, Miss. — 821 *N. Charles St.*
S. B. Mississippi State College for Women 1907; A. M. Columbia University 1913 *Bacteriology*

CALISTA POST ELIOT — Portland, Ore. — 20 *E. Mt. Vernon Pl.*
A. B. Reed College 1920 *Bacteriology* [Graduate Fellow 1923-1924]

WILLIAM THURBER FALES — Malden, Mass. — 2936 *Clifton Av.*
S. B. Massachusetts Institute of Technology 1917; C. P. H. Harvard University and Massachusetts Institute of Technology School of Public Health 1920; Instructor, Johns Hopkins University *Epidemiology*

WILLIAM ANTHONY FEIRER — Roselle Park, N. J. — 1210 *N. Charles St.*
S. B. Rutgers College 1922 *Bacteriology*

MARTIN FROBISHER, JR. — Baltimore — 606 *N. Gilmor St.*
S. B. in Hygiene Johns Hopkins University 1922 *Bacteriology*

MARY HARDY — Baltimore — 518 *Cathedral St.*
A. B. Bryn Mawr College 1920 *Physiological Hygiene* [Graduate Fellow 1923-1924]

GEORGE WEBSTER HAUPT — Sunbury, Pa. — 836 *Park Av.*
S. B. Bucknell University 1922; Assistant, Johns Hopkins University *Medical Zoology*

ARISTON JACUSALEM HERMANO — Jaro, Iloilo, P. I. — 904 *Madison Av.*
S. B. in Phar. University of Nebraska 1921 *Chemical Hygiene*

CHESTER ALBERN HERRICK — Manhattan, Kans.
S. B. and S. M. Kansas State Agricultural College 1921 and 1923 *Medical Zoology* [Graduate Fellow 1923-1924]

WILLIAM ALBERT HOFFMAN — New York City — 2118 *Penrose Av.*
S. B. Cornell University 1917; Assistant, Johns Hopkins University *Medical Zoology*

*FRANCIS OLIVER HOLMES — Cambridge, Mass. — 312 *W. Monument St.*
S. B. Massachusetts Institute of Technology 1921 *Medical Zoology*

TSE FANG HUANG — Amoy, China — 312 *W. Monument St.*
S. B. and S. M. University of Chicago 1921-1922; Rush Medical College 1919-1923 *Bacteriology*

HARRY DAYTON KRUSE — Bridgeton, N. J. — 2222 *N. Monroe St.*
A. B. Dickinson College 1922 *Chemical Hygiene*

THOMAS JOHN LE BLANC — Cheboygan, Mich. — 3323 *Alto Av.*
A. B. and M. S. P. H. University of Michigan 1917 and 1920; C. P. H. Johns Hopkins University 1922 *Statistics*

EDNA WILMA MCNALLY — Charlottesville Va. — 838 *Park Av.*
S. B. University of Virginia 1923 *Medical Zoology*

ETHELBERTA NORRIS — Baltimore — 110 *E. 20th St.*
S. B. Johns Hopkins University 1923 *Physiological Hygiene*

ELIZABETH INGERSOLL PARSONS — Marietta, O. — 1014 *N. Broadway*
A. B. Vassar College 1917 *Immunology*

PERSIS PUTNAM — Chicago, Ill — 615 *St. Paul St.*
A. B. Smith College 1911 *Statistics*

WILLIAM WESTBROOK REDFERN — Lansing, Mich. — 714 *Park Av.*
S. B. Michigan Agricultural College 1921 *Immunology*

JACK SANDGROUND — Johannesburg, S. Africa — 312 *W. Monument St.*
S. B. and S. M. University College, Johannesburg 1919 and 1920; Assistant, Johns Hopkins University *Medical Zoology*

*JACOB SCHAFFER — Wash., D. C. — 312 *W. Monument St.*
S. B. and S. M. George Washington Universiy 1918 and 1922; Chemist Department of Agriculture, Washington *Bacteriology*

THOMAS FORT SELLERS — Atlanta, Ga. — 907 *Cathedral St.*
A. B. Mercer University 1911; S. M. University of Michigan 1917 *Medical Zoology*

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* On leave of absence.

NINA SIMMONDS — Fontana, Wis. — 511 *N. Wolfe St.*
S. B. University of Wisconsin 1915; A. M. Johns Hopkins University 1922; Assistant and Instructor 1917-1920; Associate 1920– *Chemical Hygiene*

JAMES SHIRLEY SWEENEY — Gainesville, Tex. — 312 *W. Monument St.*
A. B. and A. M. Texas Christian University 1917 and 1918; M. D. Vanderbilt University 1921 *Statistics*

LUCY GRAVES TALIAFERRO — Baltimore — 194 *Oakdale Rd.*
A. B. Goucher College 1917 *Medical Zoology*

RUSSEL BENTON TEWKSBURY — Boston, Mass. — 1210 *St. Paul St.*
S. B. Massachusetts Institute of Technology 1922 *Statistics*

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CANDIDATES FOR THE CERTIFICATE IN PUBLIC HEALTH

ARLINGTON AILES — Sidney, Ohio — 1502 *Eutaw Pl.*
M. D. Medical College of Ohio 1908; Health Commissioner of Shelby County and Sidney, Ohio

CHARLES ALEXANDER BAILEY — New York, N. Y. — 700 *Gladstone Av.*
M. D. Long Island College Hospital 1899; Senior Field Director International Health Board

CLARENCE DALE BARRETT — Wooster, O. — 1520 *Eutaw Pl.*
M. D. Ohio State University 1914; Health Commissioner of Wayne County, Ohio

YVES MARIE BIRAUD — Poitiers, France — 1211 *Madison Av.*
A. B. and S. M. University of Poitiers 1916 and 1919; M. D. University of Paris 1923

JAMES BAILEY BLACK — Tupedo, Miss. — 3109 *N. Calvert St.*
M. D. Tulane University of Louisiana 1918

JOHN WILLIAM BROWN — El Paso, Tex. — 1846 *W. Saratoga St.*
M. D. Vanderbilt University 1910

JOSE GUIDOTE — Manila, P. I. — 903 *Madison Av.*
A. B. Ateneo de Manila 1909; Licentiate in Medicine and Surgery Santo Tomas University 1914

GEORGE GARDINER HAMPTON * — Tupelo, Miss.
M. D. Tulane University of Louisiana 1918; State Director, International Health Board

CHARLES KOENIG — Toledo, Ohio — 5018 *Denmore Av.*
M. D. Long Island College Hospital 1914; District Health Commissioner of Lucas County, Ohio

DANIEL HENRY LAWLER — Baltimore — 1405 *Eutaw Pl.*
M. D. University of Maryland 1912

THOMAS WILLIAM MAHONEY — Springfield, Ohio — 1214 *Madison Av.*
M. D. University of Cincinnati 1913; District Health Supervisor of Ohio

PEYTON PAGE NOTTINGHAM — Cheriton, Va. — 2321 *N. Charles St.*
M. D. University of the South, 1904.

GEORGE HERBERT RAMSEY — Lansing, Mich. — 809 *Park Av.*
A. B. Rutgers College 1913; M. D. College of Physicians and Surgeons, Columbia University 1917

MAS SARDJITO — Weltevreden, Java — 904 *Madison Av.*
M. D. Weltevreden, Java 1916; M. D. University of Leiden 1923

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CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN HYGIENE

MIGUEL BARCELON AFABLE — Manila, P. I. — 2652 *Maryland Av.*
A. B. Johns Hopkins University 1922

NORRIS MCLLOYD ERB — Baltimore — 2014 *N. Calvert St.*
Tri-State College 1916-1918

RUTH FOSTER — Boston, Mass. — 1211 *N. Calvert St.*
Goucher College 1921-1923

WILLIAM BANKS HUFF — Roanoke, Va. — *Y. M. C. A.*
A. B. Roanoke College 1916; M. D. University of Maryland 1922

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* Died Dec. 10, 1923

THOMAS PRESTON BELDEN JONES Los Angeles, Cal. 223 *W. 29th St.*
University of Southern California 1921-1923

PAULINE ANDERSON MEAD West Acton, Mass. 20 *E. Mt. Vernon Pl.*
A. B. Vassar College 1917

AMANDA LOUISE STOUGHTON Hartford, Conn. 20 *E. Mt. Vernon Pl.*
Columbia University 1921-1923

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SPECIAL STUDENTS

AFRANIO DO AMARAL Sao Paulo, Brazil 312 *W. Monument St.*
Sc. B. e Lett. Bahia Gymnasium 1910; M. D. Bahia Medical School 1916. *Chemical Hygiene*

VINCENT GEORGE BABECKI Plock, Poland 1121 *Madison Av.*
M. D. Cracow University 1917 *Sanitary Engineering; Public Health Administration; Afternoon Lectures*

JOSEPH BALO Budapest, Hungary 310 *E. 22nd St.*
M. D. University of Budapest 1919 *Bacteriology; Immunology*

TELEMACO SEGUNDO BATTISTINI Lima, Peru 3208 *Elgin Av.*
M. B. University of Lima 1920; Graduate in Medicine, University of Madrid 1922 *Immunology*

LUCIEN LEROE BENEPE Helena, Montana 1317 *Madison Av.*
S. B. Montana State College 1921 *Physiological Hygiene; Statistics*

MARGARET CLEVERS Washington, D. C. 914 *L St., N. W., Washington*
M. D. University of Ghent 1922 *Public Health Administration*

JOSEPH VITAL DEPORTE Albany, N. Y. 1020 *N. Calvert St.*
A. B. University of Oklahoma 1912; A. M. Princeton University 1914; Ph. D. Cornell University 1916 *Statistics*

STEPHEN ANTON PAUL EDERER Budapest, Hungary 929 *N. Broadway*
M. D. Hungarian Royal University of Budapest 1919 *Chemical Hygiene*

ROSE ESTERSON Baltimore 113 *N. Charles St.*
Goucher College 1918-1919 *Statistics*

EUVALDO DINIZ GONCALVES Bahia, Brazil 312 *W. Monument St.*
M. D. Faculty of Medicine, Bahia, 1911 *Chemical Hygiene*

EDWARD HANKE Krolewska Huta, Poland 1007 *Madison Av.*
M. D. Lemberg University 1919 *Physiological Hygiene; Public Health Administration; Afternoon Lectures*

MAY FLORENCE HYLAND Lincoln, Neb. 312 *W. Monument St.*
Statistics; Public Health Administration; Afternoon Lectures

ELMER CLAY KEFAUVER Frederick, Md. 1400 *Eutaw Pl.*
Franklin and Marshall College 1888-1889; M. D. University of Maryland 1891 *Epidemiology; Public Health Administration; Afternoon Lectures*

GUSTAVO DE SÁ LESSA Rio Janeiro, Brazil 117 *W. Franklin St.*
M. D. Faculty of Medicine, Rio Janeiro, 1915 *Statistics; Protozoology; Public Health Administration; Afternoon Lectures*

WACLAW MAJEWSKI Chelm, Poland 1121 *Madison Av.*
M. D. University of Cracow 1915 *Sanitary Engineering; Public Health Administration; Afternoon Lectures*

HAROLD HALL MCKINNEY Madison, Wis. 505 *Cathedral St.*
S. B. Michigan Agricultural College 1918; S. M. University of Wisconsin 1919; *Filterable Viruses; Protozoology*

CLAUDE WILLIAM MITCHELL Lincoln, Neb. *The Iowa, Washington, D. C.*
A. B., A. M. and Ph. D. University of Nebraska 1910, 1911 and 1913; M. D. University of Chicago 1916; Passed Assistant Surgeon, United States Public Health Service *Statistics; Public Health Administration; Afternoon Lectures*

FOSTER SPROULL MURRAY Halifax, Can. 312 *W. Monument St.*
A. B. and M. D. C. M. Dalhousie University 1922 and 1923 *Bacteriology; Immunology; Afternoon Lectures*

ANTONIO ORTIZ DE LANDAZURI *Madrid, Spain* *904 Madison Av.*
Sc. B e Lett. Institute of San Isidro 1910; M. D. University of Madrid 1922 *Sanitary Engineering; Statistics; Public Health Administration; Afternoon Lectures*

KONRAD ORZECHOWSKI — Warsaw, Poland — 1121 *Madison Av.*
M. D. University of Cracow 1912; State Public Health Officer of District of Warsaw *Sanitary Engineering; Public Health Administration; Afternoon Lectures*

IRL CEPHAS RIGGIN — Suffolk, Va. — 2224 *N. Charles St.*
A. B. Western Maryland College 1913; M. D. Johns Hopkins University 1917 *Epidemiology; Public Health Administration; Afternoon Lectures*

ALEXANDER JAMES HUTCHISON RUSSELL — Madras, India — *Hotel Altamont*
M. A., M. B. Ch. B. and M. D. St. Andrew's University 1902, 1906 and 1912; D. T. M. Liverpool School of Tropical Medicine 1912; D. P. H. Cambridge University 1918; Major Indian Medical Service *Statistics*

HARRY FERDINAND SCHAEFER — Baltimore, Md. — 906 *E. 20th St.*
Maryland State Department of Health *Epidemiology*

FRANCIS MILLER SMITH — Los Angeles, Cal. — 818 *N. Milton Av.*
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M. D. Detroit College of Medicine 1905; *Epidemiology; Public Health Administration; Afternoon Lectures*

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M. D. Okayama College 1918 *Filterable Viruses; Protozoology*

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MARY JANE HILLE, S. B.	*Chemical Hygiene*
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FRED WALTER HARTWICK — Detroit, Mich. — *Homewood*
Alma College I Professor Gilpin, Adviser

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Calvert Hall College II Dr. Mitchell, Adviser

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ALGER HISS — Baltimore — 1427 *Linden Av.*
Baltimore City College II Professor Lancaster, Adviser

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Towson High School II Professor Andrews, Adviser

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St. Paul's School (Concord, N. H.) II Professor Andrews, Adviser

WILLIAM ANDREW KEESE — Baltimore — 1914 *Cecil Av.*
Dickinson Seminary (Williamsport, Pa.) II Dr. Baker, Adviser

OTHO JAMES KELLER III — Frederick — 2721 *N. Charles St.*
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Baltimore City College II Professor Gilpin, Adviser

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PAUL MICHAEL LEVIN — Baltimore — 2223 *Mondawmin St.*
Baltimore City College II Professor Andrews, Adviser

KARL MINIFIE LEVY — Baltimore — 5 *W. 29th St.*
Friends School II Dr. Mitchell, Adviser

MEYER LIBAUR — Baltimore — 2604 *Springhill Av.*
Boys' High School (Brooklyn, N. Y.) II (1st term) Professor Andrews, Adviser

ENOCH HENRY LIGHT — Youngstown, O. — *Homewood*
Ohio State University I Professor Andrews, Adviser

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Central High School (Memphis, Tenn.) II Professor Andrews, Adviser

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Baltimore City College II Professor Vincent, Adviser

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Bel Air High School III Professor Weyforth, Adviser

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SAMUEL MORRISON — Baltimore — 1504 *Gough St.*
Baltimore Polytechnic Institute II Professor Andrews, Adviser

EUSTIS ESPEY MORSBURGER — Baltimore — 2434 *N. Calvert St.*
Catonsville High School II Professor Greene, Adviser

SIDNEY MUSHER — Washington, D. C. — *Hopkins Apts.*
Central High School (D. C.) II Dr. Mitchell, Adviser

EARL ALBERT NIELSON — Waterbury, Conn. — *Homewood*
Crosby High School (Waterbury) II Professor Gilpin, Adviser

DANIEL RAFFEL — Baltimore — 3517 *Springdale Av.*
Baltimore Polytechnic Institute II Professor Andrews, Adviser

MILBERN CARROLL REED — Hagerstown — 1306 *Linden Av.*
Washington County High School II Professor Greene, Adviser

WALTER VERNON REED — San Juan, P. R. — *Homewood*
Baltimore City College II Dr. Mitchell, Adviser

CHARLES FULTON RHEB — Baltimore Co. — *Relay*
Baltimore City College III Dr. Mitchell, Adviser

GEORGE FRANCIS SANDER — Baltimore — 1701 *E. Baltimore St.*
Baltimore City College III Professor Greene, Adviser

ROLAND LEE SANSBURY — Forestville — *Homewood*
Eastern High School (D. C.) II Professor Andrews, Adviser

HERMANN OTTO SCHMIDT — Baltimore — 2516 *E. Baltimore St.*
Baltimore City College II Professor Andrews, Adviser

MORRIS SCHREIBER — Petersburg, Va. — 1113 *W. Baltimore St.*
Petersburg (Va.) High School II Professor Andrews, Adviser

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Baltimore City College II Dr. Mitchell, Adviser

JESSE SLINGLUFF — Baltimore — 2925 *N. Calvert St.*
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Charlotte Hall School III Professor Gilpin, Adviser

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ERNEST ALBERT STRATHMANN — Baltimore — 1631 *N. Milton Av.*
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WALTER RAYMOND SULLIVAN — Baltimore Co. — *Garrison*
Donaldson School II Dr. Baker, Adviser

THURSTON TAYLOR — Baltimore — 108 *Longwood Rd.*
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Woodrow Wilson High School (Portsmouth) II Professor Andrews, Adviser

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Freshman

JACOB ALBERT ABRAHAM — Mt. Pleasant, Pa. — *Homewood*
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Erasmus Hall High School I Professor French, Adviser

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Boonton High School I Professor Andrews, Adviser

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University of Virginia I (2d term) Professor Hulburt, Adviser

HENRY AIRD BOSWELL — Troy, N. Y. — *Homewood*
Pennsylvania Military Preparatory School I Professor Andrews, Adviser

HEYWARD E. BOYCE — Baltimore — 4 *Club Rd.*
University School for Boys I Professor Swartz, Adviser

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Baltimore City College I Professor Lancaster, Adviser

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JAMES CLOUD CARR — Richmond, Ky. — *Homewood*
Kentucky Military Institute I Professor Andrews, Adviser

SHELBY GIBSON CARR — Richmond, Ky. — *Homewood*
Eastern Kentucky State Normal School I Professor Andrews, Adviser

WILLIAM BELLAMEY CHISWELL — Wilmington, N. C. — *Homewood*
Maury High School (Va.) I Professor Roulston, Adviser

HERMAN COHEN — Brooklyn, N. Y. — *Homewood*
Stuyvesant High School I Professor Andrews, Adviser

MAXWELL CONE — Baltimore — 2326 *Eutaw Pl.*
Park School I Professor Swartz, Adviser

ELI CONTRACT — Baltimore — 3814 *Falls Rd.*
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FRANKLIN DELANY COOLEY — Harford Co. — *Havre de Grace*
Havre de Grace High School I Dr. Baker, Adviser

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Little Falls High School I Professor Hulburt, Adviser

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Rock Hill College I Professor Lancaster, Adviser

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EDWIN LOUIS GOLDBERG — Baltimore — 2014 *Brookfield Av.*
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ELLIS GOLDSTEIN — Baltimore — 128 *W. Cross St.*
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IRWIN MYRON GRINSFELDER — Baltimore — 2020 *Eutaw Pl.*
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Columbia Grammar School I Professor Roulston, Adviser

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Triadelphia District High School (W. Va.) I Dr. Baker, Adviser

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GEORGE HEENER, JR. — Baltimore — 204 *E. 39th St.*
Loyola High School I Professor Hulburt, Adviser

RUEBEN HOFFMAN — Baltimore — 1531 *W. 36th St.*
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ISAAC NOYES NORTHUP — Baltimore — *Homewood*
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Harvard School I Professor Roulston, Adviser

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Newtown High School I Professor Andrews, Adviser

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MORRIS ROSENFELD — Baltimore — 2221 *Madison Av.*
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JOHN PAUL RYAN — Baltimore — 25 *Augusta Av.*
Mt. St. Joseph's High School I (1st term) Professor French, Adviser

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LESLIE BOWERS SCHWINN — Baltimore — 4853 *Park Hghts. Av.*
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JOHN AUGUST TASCHE — Sheboygan, Wis. — *Homewood*
Ripon College I Professor Andrews, Adviser

HOWARD DAVIS TODD — Baltimore — 2441 *N. Calvert St.*
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Special Students

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Baltimore Polytechnic Institute I Dr. Baker, Adviser

GEORGE MATTHIAS GRILL — Austria — *Lockenhaus*
I (1st term) Professor Kurrelmeyer, Adviser.

JAMES MENDELL — Key West, Fla. — 2723 *Maryland Av.*
Liceum Codrea Mu I Professor Gilpin, Adviser

*HENRY FRANZ ULLRICH — Baltimore — 2008 *Orleans St.*
Baltimore Polytechnic Institute I Professor French, Adviser

ROBERT JETT VAN HORN — Baltimore — *Maplewood, Pk. Hgts Av.*
Grafton High School (Va.) I Professor French, Adviser

JAMES RUSSELL YOUNG — Springfield, Ill. — 3039 *St. Paul St.*
University of Illinois I Professor Weyforth, Adviser

*LOUIS ZINS — Baltimore — 2048 *Wilkins Av.*
B. S. Worcester Polytechnic Institute, 1919 I Biology

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STUDENTS REGISTERED IN 1922-23 TOO LATE FOR INCLUSION IN THE REGISTER FOR THAT YEAR

COLLEGE GRADUATES PREPARING FOR MEDICINE

CARROLL JOSEPH DUGAN — Baltimore Co. — *Catonsville*
A. B. Catholic University 1922 I *Biology*

JAUL PROSSER STOUTENBURGH — Washington, D. C. — *Geophysical Lab. (Wash.)*
University of Illinois I Professor Mathews, Adviser

(2)

* Preparatory to Medicine.

V. SCHOOL OF ENGINEERING

GRADUATE STUDENTS

PURSUING ADVANCED COURSES

RICHARD CARVEL HENSEN — Baltimore — 238 *S. East Av.*
B. E. Johns Hopkins University 1923 I *Electrical Engineering*

HERMAN LEHMAN HOLSOPPLE — Hagerstown — 3000 *N. Calvert St.*
B. E. Johns Hopkins University 1923 I *Electrical Engineering*

JOHN HAROLD LAMPE — Baltimore — 221 *W. 29th St.*
B. S. in Eng. Johns Hopkins University 1918 and Instructor 1920- *Electrical Engineering* (Part-time)

(3)

UNDERGRADUATE STUDENTS

CANDIDATE FOR THE BACHELOR'S DEGREE

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General Staff Officers Academy (Russia) II *Mechanical Engineering*

Seniors

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University of Pennsylvania III M.E. Professor Smallwood, Adviser

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Special Students

EDWARD GIBBIN ARMIGER Baltimore *Dundalk*
Bliss Electrical School II E.E. Dr. Lee, Adviser

CHARLES MCDIARMID Fayetteville, N. C. 218 *Ridgewood Rd.*
Fayetteville High School (N. C.) I C.E. Professor Thompson, Adviser

ALEXANDER MITCHELL STEWART Baltimore 1112 *N. Eutaw St.*
Donaldson School I Chem. Professor Gilpin, Adviser

(3)

VI. SCHOOL OF BUSINESS ECONOMICS

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE IN ECONOMICS

Juniors

CLAUDE RICE DRITT — Baltimore — 529 *Ravenswood Av.*
University Preparatory School III Professor Weyforth, Adviser

THOMAS RAY GAITHER — Union Bridge — 3125 *N. Calvert St.*
Union Bridge High School III Professor Weyforth, Adviser

PHILIP WILLIAMS HOWARD — Baltimore — 835 *University Pkwy.*
Gilman Country School III Professor Weyforth, Adviser

IRWIN DWINELLE MEDINGER — Baltimore — 3543 *Liberty Hghts. Av.*
Baltimore City College III Professor Weyforth, Adviser

CHAUNCEY ROLAND TATUM — Baltimore — 1429 *W. Lombard St.*
Boys' Latin School IV Professor Weyforth, Adviser

(5)

Sophomores

CARROLL MELCHERS BERNDT — Baltimore — 3908 *Duvall Av.*
Friends School II Professor Weyforth, Adviser

WILLIAM JEROME BLOME — Baltimore — 3800 *Liberty Hghts. Av.*
Baltimore Polytechnic Institute II Professor Weyforth, Adviser

JAMES EDWARD BROWN — Baltimore — *Calvert Court Apts.*
Baltimore Polytechnic Institute II Professor Weyforth, Adviser

ROBERT LEE FOX — Baltimore — 951 *Brooks La.*
University of Pennsylvania I Professor Weyforth, Adviser

JACK HENRY GILLIECE — Baltimore — 541 *N. Fulton Av.*
Baltimore City College II Professor Weyforth, Adviser

GEORGE ELMER GORSUCH — Baltimore — 1702 *N. Rutland Av.*
McDonogh School II Professor Weyforth, Adviser

WILLIAM GEORGE HARRISON — Baltimore — 321 *Woodlawn Rd.*
Baltimore Polytechnic Institute II Professor Weyforth, Adviser

CHARLES RIDGELY HOWARD — Baltimore Co. — *Pikesville*
Marston's University School II Professor Weyforth, Adviser

YENS HOLGER JENSEN — Baltimore — 203 *E. 22d St.*
Baltimore Polytechnic Institute II Professor Weyforth, Adviser

ARMIN RAYMOND KEUCHEN — Baltimore — 3609 *Springdale Av.*
Baltimore Polytechnic Institute II Professor Weyforth, Adviser

JOHN JACKSON KIDD — Baltimore — 7 *Longwood Rd.*
Friends School II Professor Weyforth, Adviser

ALEXANDER ROBERTSON MIDDLETON — Centreville — 1012 *Cathedral St.*
St. Luke's School (Pa.) II Professor Weyforth, Adviser

CLARENCE LEROY MILLER — Baltimore — 2646 *N. Calvert St.*
University of Maryland I Professor Weyforth, Adviser

ARTHUR LEONIDAS NELSON — Baltimore — 211 *Goodwood Gardens*
Friends School II Professor Weyforth, Adviser

ALVIN NEUBERGER — Baltimore — 1725 *Linden Av.*
University of Pennsylvania I Professor Weyforth, Adviser

ROBERT TAYLOR SAUERWEIN, JR. — Baltimore — 32 *E. 25th St.*
Friends School II Professor Weyforth, Adviser

REGINALD CLYDE SMITH — Baltimore — 911 *Roland Av.*
New Philadelphia (O.) High School II Professor Weyforth, Adviser

FREDERICK HERBERT STECK — Baltimore Co. — *Sparrows Point*
Baltimore City College III Professor Weyforth, Adviser

LESTER DONN STEVENS — Baltimore — 2333 *Mondawmin Av.*
Baltimore City College II Professor Weyforth, Adviser

JOHN WALKER TAYLOR — Baltimore — 108 *Longwood Rd.*
Baltimore Polytechnic Institute II Professor Weyforth, Adviser

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Freshmen

WILLIAM FALCONER BAIRD, JR. — Baltimore — 1003 *Woodbourne Av.*
Baltimore City College I Professor Weyforth, Adviser

GEORGE WILLIAM BAHLKE, JR. — Baltimore — 4 *Talbot Rd.*
Baltimore Polytechnic Institute I Professor Weyforth, Adviser

JOHN GEORGE BAUERNSCHMIDT — Baltimore — 2802 *St. Paul St.*
Baltimore City College I Professor Weyforth, Adviser

BENJAMIN LEE BIRD — Baltimore — 704 *Reservoir St.*
Baltimore Polytechnic Institute I Professor Weyforth, Adviser

WILLIAM ALTON BORTNER — Baltimore — 108 *Cedar Av.*
Baltimore Polytechnic Institute I Professor Weyforth, Adviser

GEORGE TENNYSON BRIAN, JR. — Baltimore — 1913 *Cecil Av.*
Baltimore Polytechnic Institute I Professor Weyforth, Adviser

WALTER STEPHENS BROENING — Baltimore — 2218 *Mt. Holly St.*
Baltimore City College I Professor Weyforth, Adviser

EDWIN MINOR DAY — Washington, D. C. — 3100 *Calvert St.*
Central High School (D. C.) I Professor Weyforth, Adviser

PHILIP AUGUSTUS HANIGAN, JR. — Baltimore — *Hilton Court Apts.*
Baltimore City College I Professor Weyforth, Adviser

CHARLES B. HINES — Baltimore — *Rugby Rd.*
Calvert Hall High School I Professor Weyforth, Adviser

WILLIAM FALKNER HUNTER — Baltimore — 2938 *W. North Av.*
Baltimore Polytechnic Institute II Professor Weyforth, Adviser

STANLEY R. LEVY — Baltimore — *Marlborough Apts.*
Baltimore City College I (1st term) Professor Weyforth, Adviser

ARTHUR MARSH NINER — Baltimore — 1300 *W. Lafayette Av.*
Baltimore Polytechnic Institute I Professor Weyforth, Adviser

SEBASTIAN ODEND'HAL, JR. — Baltimore — 1206 *Linden Av.*
Boys' Latin School I (1st term) Professor Weyforth, Adviser

EDWARD MAGRUDER PASSANO — Baltimore Co. — *Towson*
Marston's University School I Professor Weyforth, Adviser

BERTRAM CLINTON PHELPS — Baltimore Co. — *Corbett*
Baltimore Polytechnic Institute I Professor Weyforth, Adviser

FRANK WILLIAM PHILLIPS — Baltimore — 5400 *Cleveland Av.*
Baltimore City College I Professor Weyforth, Adviser

JOSEPH CHARLES PHILLIPS — Baltimore — 5400 *Cleveland Av.*
Baltimore City College I Professor Weyforth, Adviser

NORMAN LAURENCE ROBINSON — Baltimore — 2518 *Madison Av.*
Baltimore City College I Professor Weyforth, Adviser

CARL HYMN SCHLOSBURG — Camden, S. C. — *Homewood*
College of Charleston (S. C.) I Professor Weyforth, Adviser

OSMAR PAUL STEINWALD — Baltimore — 1013 *W. Lanvale St.*
Baltimore Polytechnic Institute I Professor Weyforth, Adviser

VERNON BLAIR WINCHESTER — Baltimore — 2629 *St. Paul St.*
Baltimore Polytechnic Institute I Professor Weyforth, Adviser

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Special Student

JEROME DORSEY GOLDSTEIN — Baltimore — 947 *Brooks La.*
Baltimore City College II Professor Weyforth, Adviser

VII. ATTENDANTS ON COLLEGE COURSES FOR TEACHERS

(G) = Graduate; (A) = Academic; A = a C. C. for T. alternate.

The new courses authorized at the beginning of the session and therefore not announced in the June (1923) *Circular* are listed by subject and number continuously as indicated below:

EDUCATION

Education XXXIII. Educational Administration: The Measurement of a School. Dr. John L. Stenquist. — *Education XXXIV.* The Teaching of Sub-Normal Children. Miss Julia Heibel. (Public School 54).

FRENCH

French IX. Modern French Literature. Dr. Gustave L. van Roosbroeck.

CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE

IRENE NORBECK ANDERSON — Caribou, Me. — 2712 *Maryland Av.*
Caribou High School, Me. *Biology II A; Education I, IV and XXVI; Italian I (A); Spanish II*

FLORENCE IRENE ARNOLD — Baltimore — 4851 *Reisterstown Rd.*
Western High School *Psychology I and II.*

STELLA HANNAH BAMBERGER — Baltimore — 1029 *Madison Av.*
Western High School *Education XV; German III; History I A*

FLORENCE GEES GERARD BANGERT — Baltimore — 2200 *N. Calvert St.*
Western High School *Education IX and XXVI; History III; Italian I; Spanish II*

WINEFRED E. BARRETT — Baltimore — 710 *Gorsuch Av.*
Western High School *History III; Hygiene; Spanish I*

MARTHA ELIZABETH BEETHAM — Baltimore — *Woodbourne & Pratt Avs.*
Eastern High School *Hygiene I; Psychology I; Spanish II*

CORA WILHELM BICKEL (Mrs.) — Baltimore — *Hampton Court Apts.*
Maryland State Normal School *Philosophy I*

RUTH ATLAS BINSTOCK (Mrs.) — Baltimore — 1716 *Eutaw Pl.*
Portsmouth High School, Ohio *Oriental Seminary II*

CHARLOTTE ISABEL BLOGG — Baltimore — *Melrose & Bellona Avs.*
Bryn Mawr School *Art III; French IX; Greek IV (A); Journalism*

FLORENCE REBEKAH BONN — Baltimore — 3301 *Elgin Av.*
Maryland State Normal School *Education XIX; German I; Hygiene*

EMORY BENNETT BOWEN — Baltimore Co. — *Owings Mills*
Franklin High School *History I A; Hygiene; Spanish I*

GRACE DOLORES BROENING — Baltimore — 16 *W. Lee St.*
Western High School *German I and II; History I A and III; Hygiene*

ELIZABETH VIRGINIA BROWN — Baltimore — 2106 *N. Charles St.*
Eastern High School *Education XII*

MIRIAM RIGGS BURCH — Baltimore — 717 *N. Broadway*
Eastern High School *Education XXXIV; French III*

FLORENCE HELEN BURNER — Baltimore — 2316 *Ruskin Av.*
Western High School *French IX; Spanish II*

ELEANOR ROBINSON BYERS — Baltimore — 3432 *Piedmont Av.*
Western High School *Education XXII*

MARGARET MARY BYRNES — Baltimore — 340 *E. 20th St.*
Western High School *English IV; Education XII*

RUTH HELEN CARMEL — Baltimore — 3011 *Winfield Av.*
Western High School *Art II; English III; History II A; Psychology I and II*

ALICE CLEMENTINE CASPARI — Baltimore — 2807 *Mt. Holly St.*
Western High School *Education XV*

ANNA MAGDALENE CHESNO — Baltimore — 1917 *E. 32nd St.*
Western High School *English VI; French III; Sanskrit III (G)*

DORIS VIRGINIA CHURCH — Baltimore — 2112 *Mt. Royal Ter.*
Western High School *Home Economics II; Spanish I*

ALICIA GILMOR CLARK — Baltimore — 1119 *N. Calvert St.*
Bryn Mawr School *French IX*

ELIZABETH ANNA CONNELLY — Baltimore — 1728 *N. Bond St.*
Eastern High School *Hygiene; Spanish II*

JOHN COULBOURN — Baltimore — 302 *E. 27th St.*
Baltimore City College *Education XXII; English VIII; French IV; Hygiene; Spanish I and II*

IRENE MARY CUDLIPP (Mrs.) — Baltimore — 802 *N. Carrollton Av.*
Randolph-Macon Institute *Education VIII, IX and XII; Spanish II*

JAMES ALOYSIUS CULLEN — Baltimore — 1724 *N. Broadway*
Baltimore Polytechnic Institute *English V*

AUDREY WILLIAMS DAVIS — Baltimore — 322 *E. 22nd St.*
Girls' Latin School *English V*

OLIVER WESLEY DE VENISH — Baltimore — 816 *N. Eutaw St.*
Wilmington Conference Seminary, Del. *Hygiene; Philosophy I; Psychology I, XXXIV (G) and XXXVII (G)*

ALICE DIGGS — Baltimore — 3020 *Evergreen Ter.*
Western High School *Education XVII; French VI; Hygiene*

MARGARET ELIZABETH DOWNEY — Baltimore — 1575 *Abbottston St.*
Maryland State Normal School *Education XV*

KATHERINE CLARA ERLMEIER — Baltimore — 226 *S. 3rd St.*
Maryland State Normal School *French III; German III; History I A*

LETITIA CHARLOTTE FARRELL — Baltimore Co. — *Md. St. Normal School*
Education VI; History III; Hygiene

ANNA DORIS FINESINGER — Baltimore — 2518 *Keyworth Av.*
Western High School *Education IX and XII; Philosophy I; Psychology III*

MARY THERESA GALLAGHER — Baltimore — 2903 *Hudson St.*
Eastern High School *Art I and III; German III*

ELSA JOHANNA GERBODE — Baltimore — 1720 *E. 25th St.*
Eastern High School *German II and III; Hygiene*

LELIA FARINHOLT GLOCKER (Mrs.) — Baltimore — 2909 *Presstman St.*
Western High School *French III; History I A*

ELLEN HEPBURN GRAY — Baltimore Co. — *Reisterstown*
Franklin High School *Spanish I*

HELEN VIOLA GREENHOLT — Hamilton — 13 *Ailsa Av.*
Eastern High School *Education IX*

WINONA GREIMAN — Baltimore — 4306 *Springdale Av.*
York High School, Pa. *History II A; Psychology I*

ELMER ELLSWORTH HALL — Baltimore — 2023 *E. Preston St.*
Baltimore Polytechnic Institute *Education IV and VIII; History I A*

SPENCER ROSSELL HALL — Parkville — *Taylor Av.*
Baltimore Polytechnic Institute *Education IV and VIII; History I A*

CAROLINE HAYDEN — Catonsville — *Nunnery Lane*
Western High School *French V; Hygiene*

ELEANOR CECELIA HEAVEY — Howard Co. — *Ellicott City*
Maryland State Normal School *Education XXXII; History II A; Hygiene*

DOROTHY MARGARET HERBST — Baltimore — 1933 *E. 30th St.*
Eastern High School *History I A; Psychology III*

LEAH ELEANORA HILDEBRANDT — Baltimore — 2200 *N. Calvert St.*
Western High School *French IX; Spanish II*

MARGARET LAWRENCE HIRSCHMAN — Baltimore — 1939 *Harlem Av.*
Millersville State Normal School, Pa. *History III; Hygiene; Spanish I*

ARTHUR HODGES — Baltimore — 3013 *N. Calvert St.*
Beloit College, Wis. *Drawing; English V; French II; German I; Hygiene*

VIRGINIA CATHERINE HOLLOWAY — Hamilton — 310 *Strathmore Av.*
Western High School *Chemistry I*

SUSIE HARMAN HOLLSTEIN — Baltimore — 843 *University Pky.*
Western High School *French VI*

ESTHER IRENE HOLM — Baltimore — 2712 *Hugo Av.*
Manual Training High School, Brooklyn, N. Y. *English III; French V; History I A*

META ERNESTINE HORSTMEIER — Baltimore — 2904 *E. Baltimore St.*
Eastern High School *German III*

IVY MAY HUDSON — Baltimore — 711 *St. Paul St.*
Wesley Collegiate Institute, Del. *Psychology III*

HELEN MAY JOHNSON — Baltimore — 317 *E. North Av.*
Western High School *Education XII; Italian I*

MINOR COOPER KEITH JONES — Baltimore — 3801 *Charles St. Av.*
Baltimore City College *Chemistry III (Laby); History I A; Mathematics II*

RUTH JONES — Hamilton — *Glenmore & Beechland Avs.*
Eastern High School *English VI; German II; Spanish I*

CHESTER HERBERT KATENKAMP — Baltimore — 212 *E. Virginia Av.*
Baltimore City College *English III; History II A; Hygiene*

MARY ESTELLE WARNER KING — Baltimore — 3809 *Bonner Rd.*
Eastern High School *French III*

BERTIE J. KINNERSLEY — Baltimore — 1227 *E. North Av.*
Eastern High School *Education XII*

BESSIE EDNA KLEIBACKER — Baltimore — 1519 *E. North Av.*
Western High School *English VIII*

MENETTA ELIZABETH KOENIG — Baltimore Co. — *Woodlawn*
Western High School *English IV and V; Political Science*

HARRY WILLIAM KRAUSSE — Baltimore — 2703 *Westwood Av.*
Baltimore Polytechnic Institute *Psychology I*

BEATRICE DOROTHY LEVIN — Baltimore — 1427 *W. Baltimore St.*
Western High School *English IV; French II; German I; Oriental Seminary II; Psychology II and III*

MARY LEVIN — Baltimore — 2244 *Madison Av.*
Western High School *English III; French I; Psychology III*

MARY ETHEL MAGINNIS — Baltimore — 700 *E. 21st St.*
Western High School *English V; History III; Spanish I*

MATILDA BACKUS MALOY (Mrs.) — Baltimore — 1829 *Eutaw Pl.*
Eastern High School *History I A; Political Science*

LEONORA MCINTIRE — Baltimore — 3614 *Fairview Av.*
Park School *English I, III and VI; History II A; Psychology I; Spanish II*

IRENE ISABELLE MCLAUGHLIN — Baltimore — 405 *E. North Av.*
Western High School *Education XIII; Mathematics III; Spanish II*

ANNIE GERTRUDE MELVIN — Baltimore — 609 *Wyanoke Av.*
Crisfield High School *Education XXVII; Hygiene; Mathematics II*

EDITH VIRGINIA MILLER — Baltimore — 3017 *St. Paul St.*
Western High School *Education IX and XI; English VI; French VI and IX; Psychology I and III*

MARY ISABELLE MILLER — Baltimore — 3303 *Walbrook Av.*
Western High School *Biology IIIc (A); Spanish I*

JULIA MOHRLEIN — Baltimore — 1229 *Valley St.*
Western High School *Education XXIV and XXXIV; English IV*

HELEN LOUISE MOUL — Baltimore — 2425 *Arunah Av.*
Western High School *Hygiene*

KATHERINE FRANCES MUESSE — Baltimore — 1248 *N. Broadway*
Eastern High School *Hygiene; Psychology III; Spanish II*

NELLIE SMITH NORRIS — Baltimore — 3026 *St. Paul St.*
Western High School *Education IX; French II; Hygiene; Italian I*

FRANCES DOUB NORTH (Mrs.) — Baltimore — *Greenway Apts.*
Middletown High School *Education V; English V; Russian II*

NANCY J. OFFUTT — Baltimore — *Cambridge Apts.*
Bryn Mawr School *Education XXI; English IV and V; History III*

SUMNER ABRAHAMS PARKER — Baltimore — 913 *St. Paul St.*
Baltimore City College *Italian I*

JOSEPHINE LASSER PERETZ (Mrs.) — Baltimore — 905 *Whitelock St.*
Trenton High School, N. J. *History I A*

ETHEL MCCAW POST (Mrs.) — Baltimore — 3308 *Gilman Ter.*
Bryn Mawr School *Biology I A; History III; Mathematics II; Psychology XXXIV (G)*

GEORGE HARRY POUDER — Baltimore — 2108 *Mt. Royal Ter.*
Baltimore City College *English VII; French V and IX; History III*

MARGARET JUNKIN PRESTON — Baltimore — 816 *St. Paul St.*
Bryn Mawr School *Education XXI*

CECILIA CHARLOTTE PRINCE — Baltimore — 3703 *Forest Park Av.*
Eastern High School *Psychology III; Spanish I*

ADDIE BELLE ROBB — Sparrows Point. — 713 *E. St.*
Western High School *Education VI and XXIV; English II and IV; History I A and III; Spanish I*

FLORA LILLIAN RODENHI — Baltimore — 17 *W. Hamilton Av.*
Maryland State Normal School *Education IV*

MARY ELIZABETH ROMMEL — Baltimore — 1600 *Bolton St.*
Western High School *Art II; French IX; Italian I; Philosophy I*

MARY PAULINE RUTLEDGE — Perryville, Md. — 1529 *Eutaw Pl.*
Washington Hall School *History II A; Spanish I*

ANITA HANNAH RYTTENBERG (Mrs.) — Baltimore — 2411 *Lakeview Av.*
Savannah High School, Ga. *German III; Journalism; Philosophy I*

EMMA ADALINE SCHAD — Baltimore — 1804 *N. Calvert St.*
Western High School *Education XXI; Hygiene; Spanish II*

HELENA CLARA SCHARF — Baltimore — 914 *N. Stricker St.*
Western High School *History II A; Hygiene*

HILDA JEANETTE SCHEUER — Baltimore — 721 *Lennox St.*
Maryland State Normal School *English II and III; French IV*

MILDRED SCHMINCKE — Baltimore — 324 *N. Calhoun St.*
Western High School *Education XII; History II A*

JOHN ALBERT SCHNEIDER — Baltimore — 127 *E. Woodland Av.*
Baltimore City College *English II; French V; German III; Russian II; Spanish I*

MARY ELIZABETH SHAMLEFFER — Baltimore — 408 *N. Caroline St.*
Eastern High School *French III*

GERTRUDE TYSON SHIPLEY — Baltimore — 2134 *Bolton St.*
Western High School *Education XXI; English VI; French III*

FREDA SIGMUND — Baltimore — 1643 *Poplar Grove St*
Maryland State Normal School *French III; German III*

NANNETTE SILBERT — Baltimore — 2309 *McCulloh St.*
Hygiene; Political Science; Psychology I

OLIVE CARROLL SLATER — Baltimore — 305 *Roberts St.*
Western High School *Italian II*

EDITH AMELIA SMITH — Hamilton — 6 *Fair Oaks Av.*
Western High School *Education XXXII; English III; Spanish II*

LEONORE BENTLEY SMITH — Baltimore — 3021 *Huntingdon Av.*
Lewisburg High School, Pa. *English III and VIII*

MARIE EMILIE STAIB — Baltimore — 1621 *W. North Av.*
Western High School *French III*

BEATRICE DUNDERDALE STOKES — Baltimore — 1639 *N. Calvert St.*
Bryn Mawr School *French IX; Spanish II*

HELEN STROMBERG — Baltimore — 2106 *Eutaw Pl.*
Western High School *Education XIX*

MARTHA STROMBERG — Baltimore — 2106 *Eutaw Pl.*
Western High School *Education XIX*

MARY FRANCES SULTZER — Baltimore — 415 *E. Lafayette Av.*
Eastern High School *Education XIX; Hygiene; Spanish II*

ELIZABETH TEMPLEMAN — Baltimore — 4305 *Springdale Av.*
Western High School *Art II; English III; History II A; Psychology I; Spanish II*

LIDA LEE THOMASON — Baltimore — 1634 *Ellamont Av.*
Western High School *Education IV and XXIII; English VII; French II; History III*

MILDRED ELIZABETH TYSON — Baltimore — 101 *W. Hamilton Av.*
Eastern High School *Education IV*

EDNA ELIZABETH WATSON — Baltimore — 1203 *W. Franklin St.*
Western High School *English II; Hygiene*

EMMA MATHILDE WEBER — Baltimore — 1315 *N. Calvert St.*
Bryn Mawr School *Education IV and XXXII; History III; Political Science II and III (A)*

KATHERINE ELEANOR WEBSTER — Baltimore — 900 *Madison Av.*
Western High School *History II A*

LOUISA AVONDALE WEEDON — Baltimore — 1306 *W. Lexington St.*
Maryland State Normal School *French IV; Psychology I*

MARY THERESA WEIDEFELD — Baltimore — 220 *Tramore Rd.*
Maryland State Normal School *History III; Hygiene*

DOROTHY DELPHINE WHITING — Baltimore — 1603 *John St.*
Western High School *Chemistry II; English IV; Mathematics I*

IDA AMELIA WHOLEY — Baltimore — 2118 *N. Charles St.*
Maryland State Normal School *French VI; Home Economics II*

JOHN ERNEST WIMMER — Baltimore — 534 *N. Fulton Av.*
Baltimore City College *Education XXXII; French II; History III; Italian I*

DE SILVA ISABEL ZELLER — Baltimore — 1122 *N. Charles St.*
High School, Elmira Heights, N. Y. *Chemistry III; English I; History III*

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CANDIDATES FOR MATRICULATION

ADA MARY ANDREW — Baltimore — 3305 *Windsor Mill Rd.*
Maryland State Normal School *Education XV; English IV; Spanish I*

JANE ELLEN BACKUS — Baltimore — 2930 *Guilford Av.*
Jamestown High School, N. Y. *Art I; French I; Greek Elements; History III; Hygiene; Oriental Seminary I*

ANNA BERCOWITZ. — Baltimore — 2704 *Reisterstown Rd.*
Western High School *Art I; English III; French IV; German II and III.*

FRANCES E. BUTTON — Baltimore — 3239 *Eastern Av.*
Maryland State Normal School *History I A; French IV*

NELLIE PENNINGTON BYRNES (Mrs.) — Baltimore — 805 *St. Paul St.*
Maryland State Normal School *Education IX (G)*

MARY CATHERINE LORETTA CASEY — Baltimore — 1327 *N. Central Av.*
Eastern High School *Education XII*

ELIZABETH NORTH DUNHAM (Mrs.) — Baltimore — *The Cecil Apts.*
Radcliffe College *Art III; French VIII; Italian II*

HELEN MACKINTOSH DUSHANE — Baltimore — 4304 *Greenway*
Bryn Mawr School *English IV*

SUZANNE WHEATLY FOSTER — Baltimore — 1329 *Bolton St.*
Harrisburg State Normal School, Va. *French II; Political Science*

MARY AGNES GROGAN — Baltimore — 3317 *Westerwald Av.*
Maryland State Normal School *Spanish I*

MARGARET ALICE HARNEY — Baltimore Co. — *Pikesville*
Mt. St. Agnes College *Education XIX*

JULIA ELIZABETH HEIL — Baltimore — 3308 *Gwynn Oak Av.*
Eastern High School *Chemistry I; Education XIII; English IV; Philosophy I; Spanish I*

ROSINA COBLENS JOSEPH — Baltimore — 1513 *Eutaw Pl.*
Western High School *Education IX; Oriental Seminary II*

HILDA ANNA LOUISE KRATSCH — Baltimore — 3324 *E. Baltimore St.*
Eastern High School *German III; Psychology II*

SARA VIOLA LAMM — Baltimore — 120 *S. Clinton St.*
Maryland State Normal School *Education XII*

BEATRICE KUNKEL MARRIOT — Baltimore — 709 *Reservoir St.*
Friends School *Art II; Education V; English I; French VI*

HELEN BENNETT PALEN — Baltimore — 1511 *Bolton St.*
Ithaca High School, N. Y. *Home Economics II*

ADA ANDASIA PURNELL — Baltimore — 1226 *N. Calvert St.*
Snow Hill High School, Md. *Education IX; Home Economics I*

STANLEY JOHN REYNOLDS — Annapolis — *Bow* 193
Baltimore Polytechnic Institute *History III*

HARRIET QUYNN RIGNEY — Baltimore — 1808 *St. Paul St.*
Western High School *French IX; History III; Psychology III*

SISTER MARY IRENE (WILLSON) — Baltimore — *Mt. St. Agnes College*
Rock Hill High School *French I; Hygiene; Mathematics II*

FRANCES A. ZELWIS (Mrs.) — Baltimore — 7 *N. Carey St.*
Naugatuck High School, Conn. *French II; Sanskrit III G*

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SPECIAL STUDENTS

SYLVIA ADALMAN (Mrs.) — Baltimore — 3610 *Woodbine Av.*
History II A

CHARLES E. ADAMS — Baltimore — 3212 *Gwynn Oak Av.*
Graduate School *Education XII*

MARGARET ADAMS — Baltimore — 3219 *Belmont Av.*
Education XXII

MARY ALICE ADAMS — Baltimore — 522 *Lyndhurst St.*
Psychology III; Spanish II

CARRIE FRANK ADLER (Mrs.) — Baltimore — 1718 *Eutaw Pl.*
History II A

REBEKAH P. AITKEN — Baltimore — 302 *W. Lanvale St.*
Education XXXI

MILTON A. ALBERT — Baltimore — 112 *S. Ellwood Av.*
LL. B. University of Maryland 1923 *Education XXXII*

DELIA R. ALFORD — Baltimore — 3806 *Gwynn Oak Av.*
Psychology I

MARGRETTA HAZZARD ALFORD — Baltimore — 102 *E. 25th St.*
English II

MARY NEWMAN ALLISON — Baltimore — 716 *N. Arlington Av.*
Education XXXI

JAKE ALPERIN — Memphis, Tenn — 734 *W. North Av.*
Johns Hopkins University *French I*

JENNIE ALTER (Mrs.) — Baltimore — 2221 *E. Baltimore St.*
Art I

ESTELLE CAROLINE AMOLSKY — Baltimore — 820 *Brooks La.*
Journalism

ELIZABETH NOWLIN ANDERSON — Baltimore — 603 *Cathedral St.*
Home Economics II

MARY CATHERINE ANDERSON — Baltimore — 2809 *Mt. Holly St.*
Education I

ELIZABETH ANGLE — Mercersburg, Pa. — 14 *E. Franklin St.*
English I and II

NELLIE ARMIGER — Baltimore — 1233 *Harford Av.*
Education XVII

ANNIE NEWELL ARMSTRONG — Baltimore — 2102 *Erdman Av.*
Spanish I

ALBERT SAUER ASENDORF — Baltimore — 2128 *W. Lexington St.*
Johns Hopkins University *Education IX*

NELLIE VAN FOSSEN ASHCOM — Baltimore — 1622 *Bolton St.*
Education XXXI

JULIA AUDOUN — Baltimore — 2636 *Maryland Av.*
Italian II

FRANCES ERLMEIER AUSTIN — Baltimore — 226 *S. 3d St.*
French III; History I A

MINNIE KATHERINE BACH *English I*	Baltimore	2040 *W. Lanvale St.*
PAUL WILLIAM BACHMAN Graduate School *French I*	Baltimore	3039 *St. Paul St.*
LULU AUGUSTA BACHTELL *Education XXXI*	Baltimore	2115 *Allendale Rd.*
IRENE VIRGINIA BAER *Education V*	Baltimore	*Raspeburg*
JACOB A. BAER Johns Hopkins University *Education XXXII*	Baltimore	1551 *N. Fulton Av.*
DEBORA BAKER *Education XXII*	Baltimore	944 *Cold Spring La.*
HELEN K. BAKER *English VII*	Baltimore	544 *University Pkwy.*
LESLIE W. BAKER *Education XIII*	Baltimore	621 *Munsey Bldg.*
MISSOURI E. BAKER *Education XIV*	Catonsville	*Eden Ter.*
HELENE ERNESTINE BALANTINE *Political Science; Psychology I*	Scranton, Pa.	1217 *St. Paul St.*
EDNA ELIZABETH BALDWIN *Education XXI*	Baltimore	*Normandie Apts.*
MARY HAMILTON BALDWIN *Art II; English V; History II A; Spanish II*	Baltimore	3951 *Clover Hill Rd.*
ROSA BALDWIN *Education IX*	Baltimore	3951 *Clover Hill Rd.*
SUZANNE PIERCE BALDWIN *Education XII*	Baltimore	*Normandie Apts.*
ELIZABETH STEWART BALLANTINE (Mrs). *French II*	Baltimore	*Hopkins Apts.*
JENNIE BAMBERGER *English V; History III*	Baltimore	2408 *Linden Av.*
JENNIE MARY BARRETT *Education XIX*	Baltimore	710 *Gorsuch Av.*
MARGARET RACHEL BARRETT *Education VIII; Psychology III*	Geneseo, N. Y.	*Gilman Country School*
SARAH VIRGINIA BARROW *Mathematics I*	Blackstone, Va.	1217 *St. Paul St.*
ANNA A. BARTHEL *Education XXXIV*	Baltimore	319 *Augusta Av.*
SUSIE ADELAIDE BASSETT *Education XXII*	Baltimore	3218 *Fait Av.*
HARRIET G. BASTABLE (Mrs.) *Philosophy I*	Baltimore	2225 *St. Paul St.*
CASSIE MAY BAUM *Education I*	Baltimore	1306 *N. Gilmor St.*
ELISE SMITH BAUM *Education XII and XVII*	Baltimore	2742 *N. Calvert St.*
ANNA LOUISA BAXTER *Home Economics I*	Baltimore	1422 *W. Fayette St.*
HELEN REBECCA BEALMEAR *Education V and VII*	Baltimore	3408 *Elgin Av.*
JULIA F. BECK *Education XIX*	Baltimore	218 *Laurens St.*
ANNA ROSALIE BECKER *French III*	Baltimore	925 *Poplar Grove St.*
SOPHIE MARGARET BECKER A. B. Cornell University, 1913 *Education XIII*	Baltimore	4015 *Brookline Av.*

HATTIE V. BELL — Baltimore — 3404 *Hilton St.*
Education XXV

MARY BELL — Baltimore — 2837 *St. Paul St.*
Education XVII

JESSIE BENNETT — Baltimore — 426 *E. Lafayette Av.*
Home Economics II

LILLY B. BENNETT — Baltimore — 106 *W. North Av.*
French V

EMILIE ELIZABETH BENSON — Baltimore — 3608 *Roland Av.*
A. B. Goucher College, 1923 *Education I and IV*

MARY B. BERGLAND — Baltimore — 1116 *N. Charles St.*
French V

MARGARET HARWOOD STOCKETT BERKLEY — Baltimore — 1305 *Park Av.*
German II

JOSEPH M. BERKOWITZ — Baltimore — 2414 *Callow Av.*
A. B. Johns Hopkins University 1920 *English V*

SARAH BERKOWITZ — Baltimore — 1025 *W. Baltimore St.*
Psychology III

SARAH R. BERKOWITZ (Mrs.) — Baltimore — 2414 *Callow Av.*
English V

MINNIE BERNSTEIN — Baltimore — 3920 *Norfolk Av.*
Education XXII

EDWARD W. BERRY — Baltimore — 19 *Elmwood Rd.*
Graduate School *French II*

FRANCES M. BERRY — Baltimore — 1836 *Bolton St.*
Ph. B. University of Chicago 1911 *History III*

ROZELL BERRYMAN — Baltimore — 4224 *Euclid Av.*
Education VI-VIII

LEOLA VIVIAN BESKIN — Baltimore — 3221 *Powhatan Av.*
Journalism

HARVEY CLEVELAND BICKEL — Baltimore — 307 *Dolphin St.*
Philosophy I

KATHARINE ELIZABETH BIDDISON — Hamilton — 10 *Ailsa Av.*
Education XIV

MARIE M. BING — Hamilton — 45 *Southern Av.*
Education XXXII

MAY GARDNER BLACK (Mrs.) — Baltimore — 2321 *N. Charles St.*
M. A., Blue Mountain College 1904 *English VI; French III*

JEFFERSON DAVIS BLACKWELL — Baltimore Co. — *Towson*
Graduate School *Education VI*

LEE WESLEY BLITCH — Baltimore — 1732 *Linden Av.*
Graduate School *German I*

ESTELLE MCLAUGHLIN BLOCK (Mrs.) — Baltimore — 1704 *Ellamont Av.*
Home Economics I and II

ISIDORE BLOOM — Baltimore — 3310 *Auchentoroly Ter.*
Johns Hopkins University *Journalism*

WILLIAM HOWARD BOCKMILLER — Meridale — *North Bend Rd.*
Education XII

MARIE BOCKOVER — Baltimore — 1542 *Gorsuch Av.*
Education XXXIV

JOSEPHINE DE BOER — Baltimore — 1411 *Rosedale St.*
Graduate School *German II*

CHARLES BOLLER — Buffalo, N. Y. — 1639 *McElderry St.*
Medical School *French I*

NELLIE SHUTZE BOND — Baltimore Co. — *Sparrows Point*
Education XXIII

BERTHA M. BOODY — Baltimore — 2712 *Maryland Av.*
Graduate School *Psychology III*

EVELYN LEE BOONE *English III and V*	Baltimore	249 *McCurley St.*
GERTRUDE LEE BOONE *English II and III*	Baltimore	4009 *Belle Av.*
WILLIAM TAYLOR BOUCHELLE *German I*	Baltimore	2104 *St. Paul St.*
JESSIE BOUSTEAD *Education XII and XXI*	Baltimore	723 *W. North Av.*
EVA COOK BOWEN *Education XXXI*	Baltimore	3711 *Barrington Rd.*
SISTER M. EVANGELIST (BRADLEY) *Mathematics I*	Mt. Washington	*Mt. St. Agnes College*
ELEANOR BRADY *Education IV*	Baltimore Co.	*Lutherville*
LILLIAN DONOVAN BRAUN *English II*	Baltimore	1733 *N. Broadway*
GEORGE BREWER *Oriental Seminary II*	Baltimore	1417 *W. Lanvale St.*
SADIE BAYNES BRIDGES *History II A; Spanish II*	Baltimore	14 *E. Franklin St.*
HOWARD LEWIS BRIGGS Johns Hopkins University *Art I*	Baltimore	4107 *Groveland Av.*
HENRY W. BRINK *Russian I*	Baltimore Co.	*Catonsville*
AGNES BRITTAIN *English IV*	Baltimore	*Greenway Apts.*
HANNAH BROADBELT *Education XXV*	Baltimore	26 *E. 25th St.*
MARY LUCIA BROENING *Education XIX; History I A; Hygiene*	Baltimore	16 *W. Lee St.*
SARAH AUGUSTA BROHAWN *Education XXVII*	Baltimore	522 *N. Stricker St.*
SYLVIA SONIA BRONSTEIN *French V; History II A; Spanish I*	Baltimore	2212 *Eutaw Pl.*
PAULINE H. BROOKS *Education XXII*	Baltimore	4012 *Roland Av.*
JEANNETTE T. BROTHERTON *Italian I*	Baltimore Co.	*Catonsville*
HENRY SAMUEL BROWN, JR. School of Hygiene *Chemistry III*	Baltimore	3323 *Alto Av.*
RICHARD THOMAS BROWN *History II A*	Windsor Hills	6 *Prospect Circle*
JULIA BROWNOLD *Education XXXIII*	Baltimore	3414 *Fairview Av.*
HELEN BRULLE *Journalism*	Baltimore	110 *E. Preston St.*
LOLA BRUMBLE *History III*	Baltimore	226 *N. Liberty St.*
ARTHUR H. BRYAN S. B. State College of Washington 1919 *Education XVI*	Baltimore	46 *Raspe Av.*
ALICE GRAHAM BUCHER *Chemistry III*	Baltimore	1014 *Beaumont Av.*
CARL W. BUCHHEISTER Graduate School *Art I*	Baltimore	*Hopkins Club*
AGNES EMILIE BUCHHOLZ Graduate School *Spanish II*	Baltimore	*Beechwood & Summit Avs.*
EMILY LEONORE BUCHHOLZ *French III*	Baltimore	1519 *Park Av.*

LEONA C. BUCHWALD *History I A*	Baltimore	3502 *Powhatan Av.*
WILLIAM MASON BUCK *Education IV*	Baltimore	1303 *John St.*
LELAH BUCKINGHAM Graduate School *Psychology III*	Baltimore	128 *W. Franklin St.*
MAGGIE WELSH BUCKMAN (Mrs.) *Education XII*	Morrell Pk.	1125 *Sexton St.*
HELEN BUCKMASTER *Art I*	Baltimore	131 *John St.*
MINNA DOROTHY BUCHNER *Home Economics I*	Baltimore	4101 *Belvieu Av.*
HILDA BULL *Education IV; French II; Psychology I*	Baltimore	1336 *N. Eden St.*
GLADYS ESTELLA BURGOON *Education XXV and XXXI*	Baltimore	2339 *N. Calvert St.*
SISTER MARY FILIONA (BURKE) *Education IX*	Baltimore	116 *W. Lafayette Av.*
MARY JEANNETTE BURKE A. B. Goucher College 1920 *Education XIII*	Baltimore	2503 *Shirley Av.*
LENOIR HENDERSON BURNSIDE Graduate School *Psychology III*	Baltimore	2435 *N. Charles St.*
HARRIETT BEALL BURROUGHS *Psychology I*	Baltimore	1508 *Park Av.*
JOSEPH HOBART BUSHEY Johns Hopkins University *Art I*	Baltimore	1507 *E. North Av.*
ELIZABETH FRANKLIN BYRD *English IV*	Baltimore	3611 *Liberty Heights Av.*
CHARLES NELSON BYRN *Journalism*	Baltimore	731 *Reservoir St.*
MARGARET MARY CADOGAN *Education XIV and XV*	Baltimore	1515 *Mt. Royal Av.*
ELIZABETH M. CAHILL *Education XXVII*	Baltimore	710 *Park Av.*
HENRY HADDEN CALLARD *Journalism*	Baltimore	*Gilman Country School*
ALICE LEHMANN CAMERON (Mrs.) *French II*	Baltimore	617 *Reservoir St.*
ALICE V. CAMERON *French VIII; Spanish III*	Baltimore	617 *Reservoir St.*
RUTH H. CAMERON *Home Economics I*	Baltimore	625 *N. Calhoun St.*
MARIE ALLEN CAMPBELL (Mrs.) *Education XXXIV*	Baltimore	1231 *Poplar Grove St.*
MARIETTA CANNON *Education XXV; History III*	Baltimore	923 *Cathedral St.*
CHARLES H. CAREY *Art I*	Baltimore	2220 *N. Charles St.*
JAMES CAREY *History III*	Baltimore	2220 *N. Charles St.*
EDITH M. CARL *Education XXI*	Baltimore	9 *Strathmore Av.*
AGNES GILL CARLISLE *English IV*	Baltimore	*Hopkins Apts.*
IVA IRENE CARNEY *English III; History II A*	Baltimore	1525 *Belt Av.*

MARIE ALICE CARON — Baltimore — 611 *St. Paul St.*
Political Science

LEONORA E. CARPENTER — Baltimore — 1317 *Park Av.*
History I A

LOUISE ELIZA CARPER — Catonsville — 141 *Newburg Av.*
History II A

CHARLES BORROMEO CARROLL — Baltimore — *Piedmont & Ellamont Avs.*
Art I and III; History III and XV (G)

KATHERINE JOSEPHINE CARROLL — Baltimore — 1612 *E. Preston St.*
Education XXXIII

LOUISE EDITH CARROLL — Baltimore — 101 *E. 25th St.*
Education XIV; Mathematics I

MARIA ROSE CARROLL — Baltimore — *Beechfield Av.*
Education I

EXUM CARTER — Baltimore — 1703 *N. Calvert St.*
Journalism

WILTON SNOWDEN CARTER — Baltimore — 1924 *Linden Av.*
Chemistry I

ELLA I. CASEY — Baltimore — 1327 *Central Av.*
Education XII

VIRGINIA MARGARET CASHMYER — Baltimore — 407 *E. 22nd St.*
Education XXII

MARY LEE CASTLEMAN — East Falls Church, Va. — *Remington Av. & 31st St.*
Psychology III

GAIL CHADWICK — Howard Co. — *Ellicott City*
French III

ROBERT CHAMBERS — Baltimore — *Park Hgts. Av. & Division La.*
Johns Hopkins University *French V; Italian I*

EDNA MARGARET CHASE — Baltimore — 804 *Winston Av.*
Education XXXI

VICTORIA JOSEPHINE CHESNO — Baltimore — 1917 *E. 32nd St.*
Education XXIII; Sanskrit III (G)

MARIE CATHERINE CHITTICK — Baltimore — 3001 *W. Presstman St.*
History I A and III

EVA CLOUD CLAIBORNE — Baltimore — 2115 *Allendale Rd.*
Education XXXI

BERTHA LEWIS CLARK — Baltimore — 149 *W. Lanvale St.*
English I

RUTH CLIFTON — Baltimore — 5106 *Wilson Av.*
Education XXI

STELLA IRENE CLIFTON — Baltimore — 1207 *Mosher St.*
Education XXII

LIDA F. COCKEY (Mrs.) — Baltimore — 1818 *Park Av.*
Education XXI

ELISE COHEN — Baltimore — *Marlborough Apts.*
English VI; French II; German I

HELEN COHEN — Baltimore — *Linden & Chauncey Avs.*
Education XII

HERMAN COHEN — Brooklyn, N. Y. — *Homewood*
Johns Hopkins University *French V*

JACOB HARRY COHEN — Baltimore — 1815 *Ruxton Av.*
Johns Hopkins University *Psychology I*

MARIAN C. COHEN — Baltimore — 909 *Stiles St.*
History I A

MOSES COHEN — Baltimore — 4615 *Old Pimlico Rd.*
Johns Hopkins University *English III*

GRACE AMANDA COLE *Education XXI*	Baltimore	1040 *McDonough St.*
BESSIE RAY COLEMAN *Home Economics I*	Baltimore	837 *N. Fremont Av.*
EDITH GERTRUDE CONFER *Education XXXIII*	Baltimore	2215 *E. North Av.*
MARY JOSEPHINE CONLON *Education XXV*	Baltimore	1027 *Edmondson Av.*
GEORGE ATWILL CONNER Johns Hopkins University *Education IX*	Baltimore	1811 *Penrose Av.*
VESTA CONRADI *French VI*	Baltimore	224 *E. 25th St.*
VERDA COOK *Chinese I*	Baltimore	421 *St. Paul Pl.*
RAYMOND WARD COOKE *French II; Political Science*	Baltimore	*Mt. Washington*
CLARENCE G. COOPER Graduate School *Education VI*	Baltimore Co.	*Towson*
ETHEL COOPER *German I; History III*	Baltimore	910 *St. Paul St.*
UNA CORBETT A. B. Goucher College 1919 *Art I; Education XXXII*	Baltimore	433 *N. Milton Av.*
LORLE CORBITT *English II*	Baltimore	409 *E. 25th St.*
JEANNETTE STEWART CORNS *Education XV*	Baltimore	517 *N. Milton Av.*
EDNA EARL CORRELL *Education XIX and XXXIII*	Baltimore	13 *W. Preston St.*
BERNARDINA CORRIGAN *Education XVII*	Baltimore	1511 *Bolton St.*
MARGARET MARY CORRIGAN *History III*	Baltimore	3311 *Guilford Av.*
MARY VIRGINIA WINIFRED CORRIGAN *Journalism*	Baltimore	1511 *Bolton St.*
ANNA MATTHEWS CORSE *Education XII*	Baltimore	720 *Lennox St.*
ELIZABETH LOUISE COST *English III; History I A*	Baltimore	921 *N. Fulton Av.*
SISTER MARY LORETTO (COSTELLO) *Hygiene*	Baltimore	1385 *N. Gilmor St.*
MAE COUGHLIN *Education I, VIII and IX*	Baltimore	*Greenway Apts.*
MARGARET C. COUGHLIN *Education V*	Baltimore	1155 *Riverside Av.*
MARGARET HUNT COULSON (Mrs.) *Psychology III*	Baltimore	2121 *Bolton St.*
HARRIETT H. COWMAN *Education XIII*	Baltimore	*Cecil Apts.*
BEULAH GERTRUDE COX *Hygiene*	Baltimore	2325 *W. Lanvale St.*
LILLIE CRANMER *Education XII*	Baltimore	4503 *Penhurst Av.*
CLARA MAY CROCKETT *Education XII*	Baltimore	1723 *Chilton St.*
CONSTANCE CROMWELL *Psychology III*	Baltimore	3805 *Garrison Blvd.*
BERENICE MILDRED CRONIN *French II*	Sparrows Point	1016 *F St.*

LAVINIA RUSSELL CROUSE — Baltimore — 702 *Gladstone Av.*
English III

ELIZABETH C. CURRAN — Baltimore Co. — *Relay*
Education XXXIV

EDITH STERLING CURRIER — New York, N. Y. — 18 *Midvale Rd.*
Graduate School *Psychology III*

MILDRED EDWARDS CURTIS — Baltimore — 1026 *Edmondson Av.*
Psychology III

VIRGINIA GWYNN CURTIS — Baltimore — 1026 *Edmondson Av.*
Education I; English II; History I A; Hygiene; Psychology I

M. THERESA DALLAM — Baltimore — 1318 *Bolton St.*
S. B. Johns Hopkins University 1916 *French IV*

MARIE DANDRIDGE — Baltimore — 2202 *Maryland Av.*
Education XXXII

CARRIE VIRGINIA DARE — Baltimore — 4307 *Norwood Rd.*
Spanish III

EMILY DASHIELL — Baltimore — 211 *W. 29th St.*
LL. B. Washington College 1917 *History III*

EMANUEL M. DAVIDOVE — Baltimore — 1737 *E. Baltimore St.*
LL. B. George Washington University 1923 *Education XXXII*

WILLIAM ALBERT DAVIES — Baltimore — 2115 *Maryland Av.*
Journalism

LORENDA DAVIS — Baltimore — 22 *N. Milton Av.*
Education XXVIII

MARY DAVIS (Mrs.) — Baltimore — 3407 *Fairview Av.*
English II

OLIVE REBECCA DAWKINS (Mrs.) — Baltimore — 3310 *Carlisle Av.*
Home Economics I

JOHN DAY — Baltimore — 3951 *Clover Hill Rd.*
History III

MILDRED LEE DELEVETT — Baltimore — 2928 *Winchester St.*
Spanish I

AUGUSTA DELLONE — Baltimore Co. — *Overlea*
Graduate School *Education VI and XXI*

MARGUERITE DENICKE — Baltimore — 24 *Mt. Vernon Pl.*
Journalism

FREDA G. DENOWITCH — Baltimore — 730 *E. Baltimore St.*
Education XVII

MIRIAM DEWALD — Baltimore — 1912 *W. North Av.*
Education IX

FRED BARTLETT DIDIER — Baltimore — 116 *E. Preston St.*
Education XXXII; French II; History II A; Political Science

EDNA LILLIAN DIEHL — Baltimore — 215 *W. 29th St.*
Education IV

RHETA DIETZ — Baltimore — 1834 *N. Bond St.*
Education IV

WILHELMINA DIETZ — Baltimore — 2439 *Lauretta Av.*
Education XXV

CATHERINE SCHNEPFE DIGGS — Baltimore — 2101 *Erdman Av.*
Education XVII; Psychology I

MARY COLLADAY DIGGS — Baltimore — 2122 *Bolton St.*
Spanish I

WINTHROP BUCKLEY DILLINGHAM — Milburn, N. J. — 702 *Lennox St.*
Graduate School *German I*

VLADIMIR TRIPHON DIMITROFF — Providence, R. I. — 313 *Mosher St.*
School of Hygiene *Chemistry III*

EMMA ADELAIDE DINSMORE — Baltimore — *Chadford Apts.*
Education XXXII; English II; French IV

AMELIA DIPPEL *Home Economics I*	Baltimore	2501 *McElderry St.*
MABEL DISHAROON *Education IV*	Baltimore	1615 *Rosedale St.*
EVELYN MARIE DITMAN *French IV*	Baltimore	51 *Southern Av.*
THELMA SUSAN DITTO *Journalism*	Baltimore	2207 *Ruskin Av.*
EDNA LEOLA DIXON Graduate School *German I; Education IX and XXI*	Baltimore	2206 *Elsinor Av.*
MAY ROSE DIXON *Education IX; English III*	Baltimore	2108½ *Lake Av.*
CLARA S. DOBBIN *French III*	Baltimore	*Walbert Apts.*
ANNA LAVINIA DONAHUE *Education XXI*	Baltimore	411 *E. 22d St.*
LORETTA G. DONAHUE *Education XXI*	Baltimore	411 *E. 22d St.*
RAYMOND NELSON DONELSON *Education XII*	Baltimore	857 *W. 36th St.*
LILLIAN DONOVAN *Education XV and French IV*	Baltimore	513 *N. Carrollton Av.*
BLANCHE ELIZABETH DOTTERWAY *Philosophy I; Psychology III*	Baltimore	*Mercy Hospital*
GEORGE COCHRAN DOUB Johns Hopkins University *Art I; English I and IV; History III; Russian II*	Cumberland	*Mt. Washington*
JOHN GRAY DOUGLAS Graduate School *Education XXXII*	Baltimore	830 *W. North Av.*
ROSA B. DUBEL *Education XVII*	Baltimore	1047 *W. Lanvale St.*
FRANCES MAITLAND DUBOIS *English VII*	Baltimore	41 *W. Preston St.*
AMANDA NAOMI DUFF *English III; History I A*	Baltimore	3807 *Edmondson Av.*
MARY EMILY DUFFUS (Mrs.) *Education VII; French I*	Baltimore	500 *E. 42d St.*
BEULAH MAY DUNBRACCO (Mrs.) *Education XXXIV*	Baltimore	2718 *St. Paul St.*
LILLIAN ESTELLA DURFEE *French III*	Baltimore	1905 *W. Saratoga St.*
MARY ELLEN DWYER *Education XIII*	Baltimore	1630 *E. Oliver St.*
HELEN ELIZABETH EAGLESON Graduate School *Psychology III*	Seattle, Wash.	2435 *N. Charles St.*
MARGARET WAUGH EBAUGH *Mathematics I*	Baltimore	2312 *Arunah Av.*
CATHERINE GRETCHEN EBERT *English VI*	Irvington	*Woodlawn Av.*
PAUL JONES EDEL *English I*	Baltimore	14 *Wendover Rd.*
LUCILLE MARGUERITE EDGETT *English V*	Baltimore	1500 *Linden Av.*
MARGARET LIDA EDGETT *French III*	Baltimore	1500 *Linden Av.*
BERTRAM L. EDMONSTON *English VII*	Baltimore	3315 *Beech Av.*
EDITH CHARLOTTE EISNER *English III; Psychology I*	Baltimore	*Georgian Court Apts.*

AUDREY CLAIRE ELIASBERG *Psychology III*	Baltimore	*Emersonian Apts.*
SAILE FORD ELLENDER *Art I*	Baltimore	1917 *Eutaw Pl.*
FLORENCE MAY ELY *Education XXII*	Baltimore	2106 *Rosedale St.*
MARY ELIZABETH ELY *Education XIX*	Baltimore	2018 *W. North Av.*
ALICE EMORY *Education XXII*	Baltimore	342 *E. 22d St.*
ANN ENGLE *Spanish I*	Baltimore	*Boulevard Apts.*
EDNA MARIE ENGLE *Home Economics II*	Baltimore	801 *Hamilton Ter.*
FREDA EPSTEIN *Education XXI*	Baltimore	2424 *Eutaw Pl.*
MARY ELEANOR EVANS *English II*	Govans	505 *Beaumont Av.*
EUGENIA FAIRFAX EVERSFIELD *English II*	Baltimore	3814 *Montgomery Av.*
BESSIE G. EVITT *Education XVII*	Baltimore	421 *Forest Rd.*
WILLIAM GEORGE EWALD Johns Hopkins University *English I; History I A; Philosophy I; Psychology III*	Baltimore	2004 *St. Paul St.*
RUTH A. FALKENSTEIN *Education XVII*	Baltimore	1005 *St. Paul St.*
GLOVER PATTERSON FALLON *Art I*	Baltimore	6 *Elmhurst Rd.*
DAVID MENDEL FARRELL Johns Hopkins University *German II*	Portsmouth Va.	*Homewood*
GERTRUDE HELEN FENZEL *Education XXI*	Baltimore	1536 *Pennsylvania Av.*
SOL BARUCH FINESINGER Graduate School *Journalism*	Baltimore	2518 *Keyworth Av.*
LEONA ELIZABETH FINNELL *Education XVII*	Baltimore	1702 *Bolton St.*
MABEL CORNELIA FIROR *French III*	Baltimore	715 *Newington Av.*
FANNYE GERBER FISH *English III*	Baltimore	2308 *Mondawmin Av.*
EDITH M. FISHER *Journalism*	Baltimore	*Mt. Washington*
SYLVIA ESTELLE FISHER *Education XXII*	Baltimore	1609 *Ruxton Av.*
JESSIE JOSEPHINE FITZGERALD *Education XIX*	Baltimore	3516 *Springdale Av.*
ESTELLE JEANETTE FLEISCHMANN *Education IV; English VI*	Baltimore	*Park Hghts. & Slade Avs.*
EARL W. FLOHR Graduate School ***Education VI***	Carroll Co.	*New Windsor*
IDA VIRGINIA FLOWERS Graduate School *Education XII and XXXIII*	Baltimore	530 *E. 22nd St.*
F. OLA FLUHARTY *Art I*	Baltimore	5 *Longwood Rd.*
SAMUEL E. L. FOGELSANGER Graduate School *Education XXIV*	Frederick Co.	*Manchester*

EDMUND CLIFTON FORBELL Johns Hopkins University *Education XXXII*	Rockville Center, N. Y.	*Homewood*
MARIAN FAULKNER FORD *Psychology III*	Baltimore	1921 *N. Payson St.*
JULIA VIRGINIA FORRESTER *Education XXV*	Baltimore	2019 *W. North Av.*
TERESSA FOUNTAIN *Education XIII; Political Science*	Baltimore	2157 *Chelsea Ter.*
DANIEL MORDECAI FOX *English III*	Baltimore	1268 *E. North Av.*
VIOLA FOX *English VI*	Baltimore	1528 *Bolton St.*
FANNIE FRAIDIN *Art I; English V; French I; History III; Philosophy I*	Baltimore	2321 *Linden Av.*
MARY MAHON FRANCE (Mrs.) *Education XXVII*	Baltimore	2109 *E. Lombard St.*
ADA FRANK *Journalism*	Baltimore	941 *N. Mount St.*
HARRY FERDINAND FRANK Graduate School *Education VI*	Baltimore	2 *Rosedale Av.*
ALEXANDER CHARLES FRANKWICH Johns Hopkins University *Spanish I*	Baltimore	1640 *Braddish Av.*
PAULINE ALBERT FREDEN *Journalism*	Baltimore	19 *W. Chase St.*
MARY LOUISE FREEBURGER *History III*	Baltimore	539 *N. Carrollton Av.*
ESTHER FREILACHOFF *Education XXI*	Baltimore	27 *N. Collington Av.*
DOROTHEA EVA FRIESE A. B. Goucher College 1922 *Education XII*	Catonsville	*Violet Grove*
ROSS GILBERT FROUNICK *History III*	Baltimore	13 *E. Franklin St.*
ELEANOR FRUSH *English III; History I A*	Baltimore	4007 *Springdale Av.*
MARGUERITE ELIZABETH FRUSH *Education XXVIII; English VI*	Baltimore	4007 *Springdale Av.*
JEAN FULTON A. B. Goucher College 1914 *Education VIII*	Baltimore	2115 *Bolton St.*
CAROLINE M. FUSTING *Education V and XXI*	Baltimore	216 *W. Madison St.*
MARGUERITA GAINS *English I; French II*	Baltimore	3010 *N. Calvert St.*
HELEN ALETTA GAMBRILL (Mrs.) *English I*	Baltimore	*Homewood Apts.*
HELEN ELIOT GANS *History II A*	Baltimore	2254 *Linden Av.*
HELEN M. GARDNER *Education XXII*	Cecil Co.	*Perryville*
MARTHA GARTHE *Education XIX*	Baltimore	709 *Newington Av.*
LILLIAN ESTELLE GATCH *Education XIX*	Baltimore	1218 *W. Fayette St.*
SARAH LILLIAN GATCHELL *Education XXI*	Baltimore	1423 *W. Lombard St.*
HELEN GATES *Home Economics II*	Westfield, N. J.	2514 *McHenry St.*

RHONA MATILDA GAYLEARD *German I*	Baltimore	2284 *Washington Blvd*
FRED WILLIAM GEIB Johns Hopkins University *Psychology III*	Altoona, Pa.	2629 *N. Charles St.*
EMMA LOUISE GERHARDT *Education XXII*	Baltimore	514 *N. Arlington Av.*
LILLIAN MAUDE GERHARDT *Education XXII*	Baltimore	514 *N. Arlington Av.*
HELEN W. GIBBS *Art I*	Baltimore	1209 *St. Paul St.*
ACHSAH ELIZABETH GIBSON *Education XV; French I*	Baltimore	3631 *Elm Av.*
HELENE GIESE *Education XXI*	Baltimore	819 *N. Patterson Pk. Av.*
MARGARET ELIZABETH GILLASPEY *Education VIII*	Baltimore	610 *Chestnut Hill Av.*
DOROTHY GILLEN *Journalism*	Baltimore	4012 *Belle Av.*
HARRIET GILLILAN *Oriental Seminary I and II*	Baltimore	*Greenway Apts.*
MIRIAM GILMAN *Psychology III*	Baltimore	3510 *Holmes Av.*
RACHEL JANE GILMOUR *Education XXII*	Baltimore	533 *N. Calhoun St.*
DRUSILLA GILPIN (Mrs.) *Education XXXII*	Baltimore	1039 *W. Lanvale St.*
DAVID GIVNER Johns Hopkins University *Psychology I*	Baltimore	1827 *Madison Av.*
MINNIE MARGARET GLANTZ *Education XIX*	Baltimore	2002 *Kennedy Av.*
RAE M. GLANVILLE *Education XXV*	Baltimore	1110 *N. Eden St.*
J. PHILIP B. GLEISNER *Chemistry II; English VI; French II*	Baltimore	7 *Magnolia Av.*
FRANCIS WILCOX GLUCK Johns Hopkins University *German III*	Baltimore	519 *Rossiter Av.*
GWYNNETH GMINDER *Home Economics II*	Baltimore	607 *Lennox St.*
ANNIE JOSEPHINE GODFREY *Education XXI*	Baltimore	*Homewood Apts.*
MAUD GOLDSMITH *Education XXXIV*	Baltimore	*Marlborough Apts.*
HAROLD SIMMS GOODWIN Johns Hopkins University *French V; Journalism*	Baltimore	2624 *St. Paul St.*
SISTER MARY LUCILLE (GORMAN) Graduate School *Education IX*	Baltimore	*Notre Dame College*
EMMA CLARKE GORRELL *Education XXXII*	Baltimore	1609 *E. Biddle St.*
VIOLA MARIA GORSUCH *English I*	Baltimore	503 *St. Paul Bldg.*
CHRISTINA GRABAU *Journalism*	Baltimore	2654 *W. North Av.*
NELLIE ESTELLE GRADY *Chemistry I*	Baltimore	*Homewood Apts.*
MINNIE L. WICKHAM GRAHAM (Mrs.) *Education XXXII*	Baltimore	2824 *E. Madison St.*

EMILY ELIZABETH GRAVES — Baltimore — 1426 *Park Av.*
Psychology III

HORTENSE ROSYLN GREIF — Baltimore — *Emersonian Apts.*
History II A

ESTHER REBECCA GRIFFITH — Baltimore — 2225 *St. Paul St.*
Education IV

FRANCES GARNER GRIFFITH — Baltimore — 2159 *Chelsea Ter.*
Education XXI

JEFFERSON CLEVELAND GRINNALDS — Baltimore — 4001 *Norwood Av.*
Art III

IRMA M. GROELL — Baltimore — 930 *N. Calvert St.*
Journalism

WILLIAM BOTELER GROSS — Brunswick — *Homewood*
Johns Hopkins University *Education I*

CAROLINE E. GROTE — Baltimore — 3202 *Vickers Rd.*
Graduate School *English III*

GRACE CLARKSON GROVE — Baltimore — 2308 *Elsinor Av.*
History I A

MARTHA EVA GRUBE — Curtis Bay — 45 *Cedar St.*
A. B. Thiel College 1922 *Education XXVIII*

HELEN LOUISE GUIDER — Baltimore — *Mt. Washington*
Education XXII

ALAN MARTIN GUMP — Johnson City, Tenn. — *Homewood*
Johns Hopkins University *Art I*

JULIA CHRISTINE GUNTHER — Baltimore Co. — *Arbutus*
Education I

FANNIE FRANCESCA GUYTON — Baltimore — *York Rd. & 42nd St.*
Education XIX

MARY ELLA GWIN — Baltimore — 4303 *Maine Av.*
Hygiene

SARA HAARDT — Montgomery, Ala. — 2326 *N. Charles St.*
Graduate School *Psychology III*

MILDRED J. HADDAWAY — Baltimore — 2504 *Garrison Blvd.*
A. B. Western Maryland College 1912 *English III*

MARIE AUGUSTA HAFERKORN — Baltimore — 3244 *Eastern Av.*
Education XIV

EMILY HAGERTY — Baltimore — 16 *Overhill Rd.*
History III

HENRIETTA HAGERTY — Baltimore — 16 *Overhill Rd.*
History III

CLARA VIOLA HAHN — Baltimore — 714 *N. Carrollton Av.*
Chemistry I; Education I; English II and VI; French I; History III

HAZEL LILLIAN HAIGHT (Mrs.) — Baltimore — 1709 *N. Calvert St.*
Journalism

CLEMENT HAILE — Baltimore — 2519 *Maryland Av.*
German III

HARRIET NEWELL HALL — Baltimore — 2824 *Maryland Av.*
Home Economics I

KATHERINE DUKEHART HALL — Baltimore — 1808 *N. Calvert St.*
English III

MALYNDA O. HAMMEN — Baltimore — 257 *Robert St.*
Education XXI

MARY HARDY — Baltimore — 518 *Cathedral St.*
School of Hygiene *Chemistry III*

EDITH ELIZABETH HARMAN — Hanover, Pa. — 331 *Maryland Av.*
Education XII

SUSAN EMOLY HARMAN — Prince George Co. — *College Park*
A. B. Nebraska University 1917 and A. M. 1918 *English VIII and German IV*

FLORENCE OLIVIA HARPER — Baltimore — 1227 *E. North Av.*
Journalism

ANNIE FRANCES HARRIGAN — Baltimore — 1415 *N. Caroline St.*
Education XXXIII

EUNICE SEARS HARRIS — Farmville, Va. — 711 *St. Paul St.*
History II A; Psychology III

LESLIE A. S. HARRIS — Baltimore — 716 *E. North Av.*
Johns Hopkins University *Journalism*

KATHARINE KUHN HARRISON (Mrs.) — Baltimore — *Poplar Hill Rd.*
English VII; Oriental Seminary II

MARY ELLA HARRISON — Baltimore — 1617 *Eutaw Pl.*
History II A

CLARA VIRGINIA HARTFIELD — Jackson, Miss. — 821 *N. Charles St.*
Graduate School *Art I*

SOPHIA SIEGLE HARTIG — Baltimore — 3722 *Gwynn's Falls Pkwy.*
Education XIV

JULIA LUCILLE HARTMAN — Baltimore — 1411 *Linden Av.*
Chemistry I; Education XVI and XVII

SADIE ALBERTA HARTMAN — Baltimore — 2009 *Bolton St.*
Home Economics II

BESSIE MARIA HASKELL — Baltimore — 1708 *Hollins St.*
Education XXV

CARRIE LOUISE HASTINGS — Carroll Co. — *New Windsor*
A. B. Wellesley College 1912; A. M. Columbia University 1921 *History III*

ANNA VIRGINIA HATTER — Baltimore — 616 *Lennox St.*
Education XXII

NANNIE MOWELL HAWKINS — Baltimore — 3104 *N. Calvert St.*
Home Economics I

NAOMI HAWKINS — Baltimore — 1501 *Edmondson Av.*
Education XXII

BESSIE V. HEARN — Baltimore — 3027 *Arunah Av.*
Education XXXIV

ESTELLE HEEDE — Baltimore — 1624 *Chilton Av.*
Education XXXI

ROSE THERESA HEEDE — Baltimore — 1624 *Chilton Av.*
Education XXXI

VIOLET FLORENCE HEINER — Baltimore — 1360 *Washington Blvd.*
Education XXXI

CHRISTIAN PAUL HEINLEIN .. — Baltimore — 4415 *Pimlico Rd.*
A. B. Johns Hopkins University 1923 *Education IX*

ALMA LOUISE HEISE — Baltimore — 2930 *Guilford Av.*
English VII; Psychology III

EDNA SMITH HELM (Mrs.) — Baltimore — 2757 *W. North Av.*
Art I; History III

HELEN ELIZABETH HENDERSON — Baltimore — 3910 *Belle Av.*
Education XXII

RICHARD CARVEL HENSEN — Baltimore — 238 *S. East Av.*
Graduate School *Art I*

AGNES HERBERT — Baltimore — 806 *E. North Av.*
Education XIV

HATTIE CAROLYN HERBERT — Baltimore — 1911 *Gough St.*
English III

LILLIAN MAY HERRERA — Baltimore — 1222 *W. Lafayette Av.*
History II A

PENDLETON HERRING — Baltimore — 3945 *Cloverhill Rd.*
Johns Hopkins University *English VI; History III*

EVELYN WEEKS HERSEY A. B. Mount Holyoke College 1919 *Psychology III*	Baltimore	26 *S. Broadway*
HARRIET CROFT HESLOP *Education XII*	Baltimore	900 *St. Paul St.*
MAGDALENE HESTER (Mrs.) *Italian I; Oriental Seminary II*	Baltimore	106 *Edgevale Rd.*
MARY CORINNE HIBBERD *Home Economics II*	Baltimore	731 *Reservoir St.*
MARTIN M. HIHN *Education XIX and XXXIII*	Baltimore	1303 *N. Longwood St.*
ANNA V. HILBERT *History I A*	Baltimore	2133 *Denison St.*
GRACE BROWN HILDEBRAND *Education XXV*	Baltimore	508 *Ravenswood Av.*
MARY NETTIE HOBLITZELL *Education XV*	Baltimore	1519 *Park Av.*
HELENE ILSA HOFFERBERT *Education XXI*	Baltimore	40 *E. Hamilton Av.*
MARGARET ELIZABETH HOFMANN *Education XXXIV*	Baltimore	1523 *Hanover St.*
JEAN HOFMEISTER Graduate School *Art I*	Baltimore	3445 *Jenkins Av.*
SISTER MARY CLOTILDE (HOLBEIN) *French I*	Mt. Washington	*Mt. St. Agnes College*
MARGARET HOLLAND *English II; Spanish I*	Baltimore	2110 *Chelsea Ter.*
MARY ELIZABETH HOLMES *Education XIX*	Baltimore	521 *N. Carey St.*
HERMAN LEHMAN HOLSOPPLE Graduate School *German I*	Hagerstown	3000 *N. Calvert St.*
CARROLL S. HOOD *Psychology III*	Atlanta, Ga.	838 *Park Av.*
MARY T. CROSS HOOK (Mrs.) *French III*	Baltimore	407 *Ilchester Av.*
GRACE HOOPER A. B. Goucher College 1923 *Education VIII; Mathematics II*	Baltimore	2201 *Maryland Av.*
L. MABEL HOOVER *Education XIX*	Baltimore	1771 *Homestead St.*
NICHOLAS HUTCHINS HOPE *Education VIII*	Raspeburg Sta.	110 *W. Franklin Av.*
MAY HORANCZYK *Education XXXII*	Baltimore	307 *Robert St.*
MAUD MAY HORN *Education XIX*	Baltimore	*Glen Av. nr. Park Hgts Av.*
MARTHA FLORENCE HORNER *English IV*	Baltimore	1814 *N. Broadway*
HOWELL STANHOPE HOSKINS Johns Hopkins University *Education IX*	Baltimore	1210 *Linden Av.*
KATHERINE H. HOWE (Mrs.) *Education XXXII*	Baltimore	1517 *Park Av.*
HUI HSIEH Graduate School *French I*	China	933 *Madison Av.*
ETHEL HUBBARD *German II*	Baltimore	1407 *Mt. Royal Av.*
LOUISE GWYNN HUDGINS *English VI*	Baltimore	317 *E. 30th St.*
FLORENCE MAY HUFNAGLE *Education V and VII*	Baltimore	1214 *Bloomingdale Rd.*

ETHEL MARIE HUGHES *Education XXII*	Baltimore	2740 *Maryland Av.*
MILDRED CURTIS HUGHSON *History II A*	Baltimore	1411 *Eutaw Pl.*
ALLAN HULSIZER Graduate School *Education VI*	Towson	*Md. State Normal School*
MABEL LEE HUNT *Education XXII*	Baltimore	2121 *Bolton St.*
BELLA STEWART HUNTER *Education XXXIII*	Baltimore	934 *E. Preston St.*
ALICE HUNTING *French VI*	Baltimore	34 *W. 25th St.*
ELIZABETH SISCO HUNTING A. B. Goucher College 1901 *French VI*	Baltimore	34 *W. 25th St.*
MARIE HUTH *Education VIII*	Baltimore	2308 *Frederick Av.*
LUCY ELIZABETH HYDE *Education XII*	Norwich, N. Y.	2112 *Mt. Royal Ter.*
EDNAH MAY HYNES *English VI; French IV; Spanish I*	Hamilton	30 *Rosedale Av.*
DEBORAH ALICE IDDINGS *English III*	Baltimore	200 *E. 20th St.*
CATHERINE ELIZABETH JACKSON *Education XXIII*	Baltimore	717 *Roland Av.*
GRACE JACOBS *Journalism*	Baltimore	4811 *Crowson Av.*
ANNIE MAY JAMES *Education XXII*	Baltimore	1631 *E. Lafayette Av.*
ELLA CELESTE JENKINS *Education XXII*	Baltimore	1726 *W. Lanvale St.*
BURGESS HILL JENNINGS Johns Hopkins University *French V*	Baltimore	2635 *N. Calvert St.*
SAMUEL PATRICK JEPPI Johns Hopkins University *English III and V*	Baltimore	411 *S. Sharp St.*
ELEANOR JOHANNES *Education XXII*	Baltimore	2616 *Oswego Av.*
ANNA ELINE JOHNSON (Mrs.) *Journalism*	Baltimore	1608 *N. Fulton Av.*
BLANCHE M. JOHNSON *Education XXII*	Baltimore	4315 *Reisterstown Rd.*
EDNA ANNE JOHNSON *Education XXXIV*	Ten Hills	*Edmondson Av.*
ELIZABETH VALENTINE JOHNSON *Education XXXII*	Baltimore	1005 *Roland Av.*
ELLEN JOHNSON *Education XVII*	Baltimore	4302 *Ridgewood Av.*
AGNES REDDLE OWEN JOHNSTON *Art I*	Baltimore	709 *St. Paul St.*
ANNA JANE JOHNSTON *Education XXII*	Baltimore	2001 *Guilford Av.*
SARAH CLOPHAM SMITH JOHNSTON *Art I*	Baltimore	709 *St. Paul St.*
ISABELLE MELDRUM JOHNSTONE *History I A; Spanish I*	Baltimore	1517 *Mt. Royal Av.*
CHARLOTTE ABBOTT JONES *Education IX*	Baltimore	2814 *Norfolk Av.*
LOUISE JOSE *Education IV; Spanish I*	Baltimore	1525 *Park Av.*

CARRIE BLANCHE JOSSELYN A. B. Goucher College 1920 *Spanish II*	Baltimore	604 *N. Broadway*
FANNIE KAHN *History II A*	Baltimore	*Marlborough Apts.*
KARL HAROLD KAISER Graduate School *Education VI, IX and XII*	Anne Arundel Co.	*Arnold Station*
ANNE KATZNER *Journalism*	Baltimore	2322 *Eutaw Pl.*
ANNA CECELIA KAVANAGH *Education XXI*	Howard Co.	*Ellicott City*
LUCRETIA MARGUERITE KEECH *Italian II*	Baltimore	2425 *N. Calvert St.*
MARTHA KEIFER Graduate School *Psychology III*	Baltimore	2941 *St. Paul St.*
GRACE HOLLIS KELLUM *Art III*	Baltimore	2633 *N. Charles St.*
ALMA CATHERINE KELLY *Chemistry I; French IV*	Baltimore	*Y. W. C. A.*
ELIZABETH REBECCA KELLY *Education XXXIV*	Catonsville	*Orpington Rd.*
MAUDE PRESTON KEMP Graduate School *Psychology III*	Baltimore	3310 *Windsor Av.*
MARY ELLEN KENNADY *Education IV*	Baltimore	*University Apts.*
LULA MAGRUDER KENNARD *Education XXV*	Baltimore	604 *N. Carey St.*
BEATRICE GERTRUDE KENWORTHY *Philosophy I*	Baltimore	*Wentworth Apts.*
HARRIET KERCHOFF *Education XIX*	Baltimore	1318 *S. First St.*
MARY JEANNETTE KERNAN *French II*	Baltimore	1111 *Brentwood Av.*
ELIZA LYLE KERR *French VI*	Baltimore	2002 *Mt. Royal Ter.*
ADA RANDOLPH KETTLEWELL *Education XXV*	Baltimore	2513 *W. North Av.*
EVELYN REBECCA KIBLER *Education XXI*	Baltimore	619 *N. Potomac St.*
JOSEPH A. KINDWALL Medical School *Russian I*	Minneapolis, Minn.	606 *N. Broadway*
CHARLOTTE BAKER KING A. B. Hood College 1910 *History II A*	Baltimore	219 *W. Lanvale St.*
JAMES CHRISTOPHER KING *Chemistry II*	Baltimore	350 *Cathedral St.*
ROBERTA W. KING *Education IV*	Baltimore	3226 *Gwynns Falls Pkwy.*
LOUISE RICHARDSON KINSEY *French II; History I A*	Baltimore	544 *W. University Pkwy.*
MYRTLE HOX KINSEY *French III*	Baltimore	1614 *N. Bond St.*
AMELIA M. KIRWAN *Education XXXIV*	Baltimore	1426 *Harlem Av.*
HELEN VIRGINIA KLINE *Journalism*	Baltimore	1104 *E. North Av.*
EDITH KLINESMITH *French V*	Baltimore	2624 *St. Paul St.*
ELIZABETH RUTH KLIPPEL *History II A*	Baltimore	1109 *Union Av.*

DOROTHY BELLE KLITCH — Baltimore — 3220 *Auchentoroly Ter.*
Home Economics II

AUGUSTA KLOTZ — Baltimore — 3302 *Clifton Av.*
English I

CHARLES HAVEN KOLB — Baltimore — 306 *W. Hamilton Av.*
Education I

WILBUR LEWIS KOONTZ — Howard Co. — *Ellicott City*
A. B. St. John's College 1911; A. M. 1916 *Education IV*

HELEN KORBER — Baltimore — 601 *S. Ellwood Av.*
Education XXI

JOSEPH KORNBLATT — Baltimore — 4015 *Liberty Hghts. Av.*
Education XII

M. JOSEPHINE KRAGER — Baltimore — 639 *N. Carey St.*
Education XIX

GRACE AMANDA KRAMER — Baltimore — 319 *E. 25th St.*
Graduate School *Education XXXIII*

HELEN KRAMER — Baltimore — 319 *E. 25th St.*
Education XV and XXXIV; Hygiene

NORMA RAU KRAMER — Baltimore — 2308 *N. Fulton Av.*
Journalism

ELIZABETH KRIEGER — Baltimore — 408 *E. Chase St.*
Education XIV

ELSIE C. KRUG (Mrs.) — Baltimore — 2227 *St. Paul St.*
Graduate School *French II*

EVELYN DEMMITT KRUMM — Baltimore — 2820 *St. Paul St.*
Education IV

TE MING KU — Peking, China — 2625 *Maryland Av.*
Johns Hopkins University *German I*

FRANKLIN A. KULLER — Baltimore — 1931 *Park Av.*
Graduate School *Education VI; French I*

MIGNON VIVIAN LAGO (Mrs.) — Baltimore — 2119 *Guilford Av.*
Journalism

ELEANOR WILLIAMS LAMOTTE — Baltimore — 2001 *Guilford Av.*
Spanish I

CHARLOTTE MARIE LANDIS — Baltimore — 4115 *Penhurst Av.*
Art I

ELIZABETH LANDWEHR — Baltimore — 2315 *Frederick Av.*
Education XXXIV

FLORENCE RAYMOND LANE — Baltimore — 416 *E. 22d St.*
Chemistry I

ALBERT GEORGE LANGELUTTIG — Baltimore — 1926 *Linden Av.*
Graduate School *Art I; History III*

JAMES A. LATANÉ — Baltimore — 1412 *Park Av.*
Art I

MARY DABNEY LATINÉ (Mrs.) — Baltimore — 1412 *Park Av.*
Art I

TILLIE LAUBHEIMER — Baltimore — 1408 *Mt. Royal Av.*
Education XXXIV

ARTHUR H. LAUPHEIMER — Baltimore — *Plymouth Hall Apts.*
Psychology III

BERTHA DARLING LAWTON — Baltimore — 3108 *Auchentoroly Ter.*
Education XXII

ESTHER LAZARUS — Baltimore — 2131 *Callow Av.*
English VI; French II; History II A; Political Science; Psychology I

ISABEL LAZARUS — Baltimore — 506 *Harwood Av.*
Education VI (G); History III

ETHEL NORTON LEAHY (Mrs.) — Baltimore — 501 *Falls Road Ter.*
French V

MARY TERESA LEE — Baltimore — 2752 *Maryland Av.*
Education XIII

MARY WEBB LEE — Baltimore — 2708 *Guilford Av.*
French III

MINNIE VIRGINIA LEE — Baltimore — 1505 *Bolton St.*
Spanish I

MILDRED LEEDY — Baltimore — 1931 *Eutaw Pl.*
Psychology III

E. SUSANNE LEHMAN — Baltimore — 2037 *Cliftwood Av.*
Education XVII

FANNIE BUXTON LEPS — Baltimore — *Guilford Apts.*
Education IV and XII

HELEN MAY LERIAN — Baltimore — *Athol Av.*
Education XXV

ISIDORE RICHARD LEVET — Baltimore — 1823 *Jefferson St.*
Journalism

NANNETTE LEVIN — Baltimore — 2543 *Madison Av.*
French IV

IDA LEVINSON — Baltimore — 4025 *Reisterstown Rd.*
English III

FLORENCE LEVINSON — Baltimore — 4025 *Reisterstown Rd.*
English II and III

CELINA HILLMAN LEWIS — Baltimore — 2905 *Garrison Blvd.*
Philosophy I

R. ELEANOR LEWIS — Baltimore — 2721 *Parkwood Av.*
History I A

ENOCH H. LIGHT — Youngstown, Ohio — *Homewood*
Johns Hopkins University *German II*

SELMA LINDE — Baltimore — 1717 *E. Baltimore St.*
A. B. Goucher College 1921 *Education I, VIII and IX*

MARIE LUCILE LINTHICUM — Baltimore — 2513 *N. Charles St.*
Graduate School *English V; German III*

CHARLES W. LIPSCOMB — Baltimore — 309 *E. 28th St.*
Psychology III

FANNIE MARY LOCHARY — Baltimore — 1126 *Linden Av.*
Education XXII

MARY M. LOCHMAN — Baltimore — 1625 *N. Caroline St.*
Education V, VII and XXXIV

MARY NELLIE LOGAN — Baltimore — 2803 *Frederick Av.*
Education XIX

C. LORETTA LOHMULLER — Baltimore — 1704 *E. North Av.*
Home Economics I

EMMA LOHRFINK — Baltimore — 510 *E. 21st St.*
Education XIII; Mathematics III

JANET MAY LONG — Baltimore Co. — *Ruxton*
Psychology I

JAMES ANSON LONGAN — Baltimore — 2100 *Debler Av.*
Graduate School *Education XXI*

IDA GERTRUDE LORMAN — Baltimore — 2317 *Guilford Av.*
Education XXI

HILDA LOUIS — Baltimore — 1724 *Eutaw Pl.*
Education XIX

KATHERINE ADALAIDE LOVERING — Pikesville — *Waldron Av.*
Education XII

JOHN LUCKTON — Baltimore — 139 *N. Glover St.*
Russian I

LILLIAN PAULINE LUKE — Baltimore — 4404 *Springdale Av.*
Education IV; English VI; French V and VI; History I A; Spanish III

IDA CLAIRE LUTZKY LL. B. University of Maryland 1923 *Philosophy I*	Baltimore	2201 *Division St.*
PAULI LYMAN (Mrs.) *Spanish I*	Baltimore	301 *University Pkwy.*
WALTER AUBREY MACCUBBIN B. Eng. Johns Hopkins University 1920 *Education IV; Oriental Seminary II*	Baltimore	1624 *E. Preston St.*
MURIEL BLANCHE MACEY *Education I*	Govans	5001 *Tioga Av.*
KATHERINE PAULINE MACK *Education XXXIV*	Baltimore	1710 *E. Federal St.*
MARGARET ANNA MADISON *Education XXII*	Baltimore	931 *Poplar Grove St.*
RUTH MARGARET MAGILL *Education XXI*	Baltimore	2234 *Guilford Av.*
ALICE ELIZABETH MAGINNIS A. B. Goucher College 1921 *Mathematics II*	Baltimore	700 *E. 21st St.*
GERTRUDE SOPHIA MAINZ *Home Economics I*	Baltimore	138 *S. East Av.*
ADA OLIVIA MALLONEE *Education XII*	Baltimore Co.	*Pikesville*
ELIZABETH MALOOLY *Education XIX*	Baltimore	1003 *E. Preston St.*
ELIZABETH MANN *English VI; French IV; Spanish I*	Baltimore	3017 *Clifton Av.*
FRANCES JOSEPHINE MANN S. B. Johns Hopkins University 1923 *Education XXVII*	San Juan, P. R.	2647 *N. Calvert St.*
LOUISE ADAMS MANN *French VI*	Baltimore	2647 *N. Calvert St.*
ANNIE LEE MANNING *Education XIV*	Baltimore	3421 *Mondawmin Av.*
FRANCES MARION MANNING *Education XXIII; Spanish I*	Baltimore	3421 *Mondawmin Av.*
FRANCES MARCHANT *Oriental Seminary II*	Baltimore	110 *Beechdale Rd.*
ROBERT S. MARINO Johns Hopkins University *Art I*	Baltimore	*Walker & Wiedner Avs.*
THOMAS REESE MARSH Johns Hopkins University *Education I*	Baltimore	5250 *Reisterstown Rd.*
HELEN MARSHALL (Mrs.) *English II*	Baltimore	*Tudor Hall Apts.*
ELEANOR H. MARSHALL (Mrs.) *Oriental Seminary II*	Baltimore	818 *W. 40th St.*
JEAN GILMAN MARSHALL *Oriental Seminary II*	Baltimore Co.	*Pikesville*
REBECCA SNOWDEN MARSHALL *Psychology III*	Baltimore	*Tudor Hall Apts.*
MARY FRANCES MARTIN *Education XXXI*	Baltimore	2054 *Kennedy Av.*
HENRIETTA JULIA MASBACH Graduate School *Education XXI and XXXIII*	Baltimore	1112 *N. Eutaw St.*
NETTIE MATTHEWS *Psychology III*	Baltimore	701 *Lennox St.*
CELESTE KLEINLE MAXWELL (Mrs.) A. B. Goucher College 1912 *English VI*	Baltimore	319 *Roland Av.*
WILLA VENESE MAYER (Mrs.) *Chemistry I*	Baltimore	1216 *Mosher St.*
JAMES AVAS MAYFIELD A. B. Hanover College 1923 *Education XVII; Hygiene*	Baltimore	*Y. M. C. A.*

JOSÉ RAFAEL MAYMI Johns Hopkins University *Italian I*	San Juan, P. R.	1607 *John St.*
CLARENCE ALVEY MCBRIDE Graduate School *Education XXI*	Baltimore	2513 *N. Charles St.*
HANNAH A. MCCARTHY *English III*	Baltimore	2753 *Maryland Av.*
GRACE LILLIAN MCCAULLEY A. B. Goucher College 1923 *Education XIII and XIV*	Baltimore	2201 *Mt. Holly St.*
EDITH BENDER MCCLEARY (Mrs.) *French III; Mathematics III*	Baltimore	3214 *Gwynn Oak Av.*
ANNA SEDONIA MCCLINTOCK *History I A*	Baltimore	229 *N. Linwood Av.*
MARY THOMAS MCCURLEY Graduate School *Education V and VI*	Baltimore	7 *Midvale Rd.*
JOHN MCDAIRMANT *History I A; Spanish I*	Baltimore	4303 *Ridgewood Av.*
JOSEPH MELTON MCDANIEL Johns Hopkins University *English VI*	Baltimore	1721 *E. Lanvale St.*
CATHERINE ELIZABETH MCELROY *Education XXXI*	Baltimore	2145 *Mt. Holly St.*
MARY DOROTHY MCFAUL *Education IV*	Baltimore	3903 *Roland Av.*
MAYBELLE PLACIDE MCGARVEY *Italian I*	Baltimore	613 *E. Chase St.*
MARY W. MCGEHEE Graduate School *Art I; History III*	Baltimore	*Y. W. C. A.*
MARJORIE MCGONIGLE *English III*	Baltimore	1600 *Johnson St.*
MARGERY N. MCGONIGLE *Education XXXIV*	Baltimore	4000 *Groveland Av.*
MARIE GENEVIEVE MCGUINESS *Education IX (G) and XXI*	Baltimore	513 *N. Schroeder St.*
HELEN VERONICA MCHALE *Education XIV*	Baltimore	419 *E. Fort Av.*
HELEN AVERY MCILHENNY *Home Economics I*	Baltimore	1004 *Edmondson Av.*
ELIZABETH MAINSTER MCLAIN *Education XXII*	Baltimore	715 *Gorsuch Av.*
CHARLES MORDECAI MCLANE Johns Hopkins University *Psychology III*	Baltimore	2406 *St. Paul St.*
GLADYS BRAGG MCLEAN (Mrs.) *Chemistry I; French III*	Baltimore	104 *Jackson Pl.*
INA CRAIG MCMULLEN *Psychology III*	Baltimore	1913 *Eutaw Pl.*
ELLA HINES MCNALLY (Mrs.) *English VII*	Baltimore	*Pen Lucy Av.*
ARCHIBALD NEWTON MCPHERSON Johns Hopkins University *Education I and IX*	Baltimore	2202 *Maryland Av.*
SAIDEE FULLER MCSHERRY *Education XIII; Political Science*	Baltimore	2201 *Roslyn Av.*
PAULINE ANDERSON MEAD *Chemistry III*	Baltimore	20 *E. Mt. Vernon Pl.*
ELTON YOUNG MEARS *Journalism*	Baltimore	24 *E. Preston St.*
CHARLES HAMILTON MEDDERS *English IV; German I; History III*	Baltimore	330 *N. Charles St.*
MARY MEDFORD *Education I*	Baltimore	2539 *St. Paul St.*

ETHEL BAILEY MELVIN — Baltimore — 609 *Wyanoke Av.*
Art I; Education IX (G); Philosophy I; Spanish II

MINNIE MENCKE — Baltimore — 423 *N. Chester St.*
Education XXVII

JAMES MENDELL — Baltimore — 2723 *Maryland Av.*
Johns Hopkins University *English I*

EDITH LOUISE MENKEL — Baltimore — 2901 *Guilford Av.*
Education XXXIV

EDNA S. MERRITT — Baltimore — 2425 *Madison Av.*
Education XXV

IDA GILL MESSERSMITH — Baltimore — 410 *N. Carey St.*
Education XXII

MYRTLE MEUSHAW — Baltimore — 2104 *Allendale Rd.*
Education XIV and XXXII; English II

ELIZABETH CHARLOTTE MEYER — Baltimore — 2505 *Garrison Blvd.*
History II A

TILLY EVELYN MEYER — Baltimore — 2505 *Garrison Blvd.*
French I

LILLIAN DEMILLIOUR MIDDLETON — Baltimore — 3640 *Elm Av.*
Education IX (G)

KATHERINE M. MILBOURNE — Baltimore — 4005 *Hawthorne Av.*
Education XXII

GRACE THOMAS MILLAR — Baltimore — 1313 *N. Caroline St.*
Education XXI

HELEN DAWSON MILLAR — Baltimore — 1719 *St. Paul St.*
Education XXII

ALICE ETTA MILLER — Cecil Co. — *Port Deposit*
Graduate School *Education VI*

ANNA CHRISTINE MILLER — Baltimore — 425 *E. 22d St.*
A. B. Goucher College 1923 *Education XV*

EVE LEE MILLER — Baltimore — 2217 *Brookfield Av.*
English VI

FLORENCE GORDON MILLER — Baltimore — 3718 *York Rd.*
Education XXXI

RUTH GERALDINE MILLER — Baltimore — 363 *N. Calvert St.*
Art II; Education XXXII; English III; French IX; Spanish III

MARY H. MILLS (MRS.) — Baltimore — 853 *Park Av.*
French VI

GRACE W. MINK — Baltimore — 710 *E. North Av.*
History III

FRANCES MORELL MITCHELL — Baltimore — 3816 *Norwood Av.*
Home Economics I

MARGUERITE MAE MITCHELL — Baltimore — 2419 *Arunah Av.*
Psychology III

CORA ADELE MOFFETT — Baltimore — 2743 *Maryland Av.*
Spanish I

HELEN C. MOHR — Baltimore — 2135 *W. Baltimore St.*
Education XXXII

MARGARET VIRGINIA MOLER — Baltimore — 417 *N. Charles St.*
Home Economics II; Spanish I

JULIA AMANDA MOORE — Baltimore — 117 *Hawthorn Rd.*
Education XXI

JOHN DUER MOORES — Baltimore — 318 *N. Fulton Av.*
French IV; German I; History I A

MARY WINIFRED MORAN — Baltimore — 1821 *Harford Av.*
Education XII and XIV

ABE MORGAN — Baltimore — 1934 *Wilkins Av.*
Johns Hopkins University *German II; Oriental Seminary II; Russian I*

BELLE CAPLES MORRIS (Mrs.) *Education IV; French II*	Baltimore Co.	*Towson*
JOSEPHINE MORRIS *Education XII; English VI*	Baltimore	535 *N. Carey St.*
M. EDNA MORRISON *French III*	Baltimore	2111 *Poplar Grove St.*
GRACE MARGARET MORROW *Education XXII*	Baltimore Co.	*Riderwood*
EUSTIS ESPEY MORSBERGER Johns Hopkins University *Education I*	Baltimore	2434 *N. Calvert St.*
MARIE MOUNT *Home Economics II*	Prince George's Co.	*College Park*
CATHERINE THERESA MULLEN *Chemistry III*	Baltimore	*University Apts.*
JAMES CLAYLAND MULLIKIN *English IV*	Baltimore	2441 *N. Calvert St.*
ELIZABETH LESTER MULLIN *Art I*	Baltimore	10 *E. Madison St.*
ELSIE MARGUERITE MUNKER *English II*	Baltimore	9 *Dolfield Av.*
ALEXANDER E. O. MUNSELL Graduate School *Psychology I*	Baltimore	10 *E. Franklin St.*
ELIZABETH MURRAY *Education XIX*	Baltimore	2932 *McElderry St.*
MABEL FRANCES MYERS *Education XXII*	Baltimore	1635 *E. North Av.*
MARCELLE COHN MYERS *English VI*	Baltimore	*Clark La.*
JACOB ERNEST NADLER Graduate School *Psychology III*	Worcester, Mass.	*Homewood*
JAMES STEWART NAGLE Graduate School *Education IV, XII and XXIV*	Baltimore	2220 *Poplar Grove St.*
ISIDORE NEISTADT Johns Hopkins University *Psychology I*	Baltimore	820 *E. Baltimore St.*
LOUISE ANNA NELSON Graduate School *French I; Psychology III*	Baltimore	2930 *Guilford Av.*
PETER CHARLES NEMPHOS *Mathematics I*	Baltimore	1527 *E. Baltimore St.*
MARIE AGNES NEVILLE *Education XII and XVII*	Baltimore	*Coleraine Rd.*
ELIZABETH NICKEL *Education XIX; French VIII*	Baltimore	2211 *Elsinor Av.*
ELIZABETH COMPTON NICOLS *Education I*	Baltimore	504 *Forest Rd.*
DOROTHY NICKERSON *English V; Psychology III*	Baltimore	2517 *N. Charles St.*
ANNE WHITRIDGE NILES *English III*	Baltimore	*The Cecil Apts.*
THIRZA JANE NINER *English III*	Baltimore	1300 *W. Lafayette Av.*
JOHN VALENTINE NOBLE Johns Hopkins University *English V; History III; Spanish III*	Baltimore	3006 *Independence St.*
EDWARD TAYLOR NORRIS *Art I*	Baltimore	*The Winona Apts.*
PEARL R. NORRIS (Mrs.) *Education XXXII*	Baltimore	5306 *Garrison Av.*
SOPHIE BISCOE NORRIS *Education XIII*	Baltimore	611 *Reservoir St.*

RANDOLPH NORWOOD *Art I*	Baltimore	13 *Lawina Rd.*
JOSEPH SZYMKOW NOVAK *Chemistry II; English I; Mathematics I*	Baltimore	1531 *W. Franklin St.*
MARIE CECELIA O'BRIEN *Education XXXIII*	Baltimore	3016 *Belmont Av.*
SARAH ELIZABETH O'CONNELL *Psychology III*	Baltimore	2816 *N. Calvert St.*
MARY LOUISE O'CONNOR *Education I*	Baltimore	2008 *Mt. Royal Ter.*
KATHERINE GENEVIEVE O'DONNELL *Education XXII*	Baltimore	1713 *Poplar Grove St.*
AGNES O'MALLEY *Home Economics I*	Baltimore	1012 *E. Preston St.*
HELEN DEICHES OPPENHEIM *Psychology III*	Baltimore	*The Park Circle Apts.*
ISAAC LEWIS OTIS Graduate School *Education VI and IX*	Anne Arundel Co.	*Jessup*
MARGARET OTTO *Education XIV*	Baltimore	2826 *St. Paul St.*
KATHERINE DUNN PAGON *Art I*	Baltimore	114 *St. Johns Rd.*
DUDREA GRACE PARKER (MRS.) Graduate School *French IX; Italian I*	Baltimore	913 *St. Paul St.*
HELEN FAITHFUL PARKS *Education XXI*	Baltimore	2424 *Barclay St.*
MYRTLE JANET PARKS *Journalism*	Baltimore	1531 *E. Preston St.*
ROBERT EARL PARKS Johns Hopkins University *Psychology I*	Baltimore	1531 *E. Preston St.*
JEANNETTE BRISCOE PARRAN *French II*	Baltimore	1643 *N. Calvert St.*
ELIZABETH PARRISH *Education XIV*	Baltimore	2817 *N. Calvert St.*
BOYD CRUMRINE PATTERSON Graduate School *German I*	Baltimore	2834 *Maryland Av.*
MARY ROSE PATTERSON *Education IX; English V; Hygiene; Spanish I*	Baltimore	631 *Euclid Av.*
MALVINA BANGS PEARSON *Education XXII*	Baltimore	1424 *Mt. Royal Av.*
GLENN RICHARDS PEASE A. B. Albion College 1915 *Education IV*	Anne Arundel Co.	*Millersville*
KATHERINE PIERCE PEERY *English I*	Harford Co.	*Bel Air*
JOHN ANGELO PENTZ Johns Hopkins University *French VI*	Baltimore	1831 *W. Lexington St.*
JEANNETTE V. PERKINS *Education XXXIV*	Baltimore	908 *W. Mulberry St.*
ANNA PERSCH *Political Science*	Baltimore	12 *N. Monroe St.*
MILDRED LEE PETTICORD *Education XII and XIV*	Baltimore	1433 *Madison Av.*
MARIE B. PFEIFFER *Journalism*	Rognel Heights	694 *7th Av.*
BERTRAM CLINTON PHELPS Johns Hopkins University *English III*	Baltimore	1317 *Eutaw Pl.*
CAROLYN ELIZABETH PHILLIPS *English II; Spanish I*	Baltimore	117 *S. Broadway*

PRENTISS IRENE PHILLIPS *Art I*	Baltimore	1 *Wendover Rd.*
RUTH ERNESTINE PHILLIPS *Education I*	Baltimore	1406 *Poplar Grove St.*
EMMA HELENA PICKER *Spanish I*	Baltimore	2228 *W. North Av.*
LENA PICKER *French III*	Baltimore	2228 *W. North Av.*
ELIZABETH OWENS PERKINS *Home Economics II*	Baltimore	4316 *Reisterstown Rd.*
MARGARET PHELPS *Psychology I*	Baltimore	1723 *Gorsuch Av.*
FLORENCE ETHEL PLITT *Education XV*	Baltimore	4008 *Belvieu Av.*
MARY RUMSEY POPE *Education XXII*	Baltimore	1113 *N. Caroline St.*
CHARLES GORDON POST, JR. Johns Hopkins University *Psychology I*	Baltimore	1811 *Park Av.*
ELIZABETH POTTER *Mathematics II*	Baltimore	508 *E. North Av.*
CAROLYN ENOS POTTS A. B. Goucher College 1917 *Education VIII*	Baltimore	2813 *St. Paul St.*
EDITH R. POWELL *Education XXXIV*	Mt. Washington	*Ridge Rd.*
HANS LUDWIG PRUESS *Education XXXII*	Baltimore	829 *N. Linwood Av.*
EDNA TODD PRICE (Mrs.) *Mathematics II*	Baltimore	610 *Wyanoke Av.*
ESTHER GRIEST PRICKETT *Education IV*	Baltimore	2001 *Park Av.*
MARJORIE HAMILTON PRIMROSE *Spanish I*	Baltimore	8 *W. 25th St.*
MARGARET AUSTIN PUGH *Education I*	Mt. Washington	*South Av.*
CECILIA KATHERINE QUANDT *Education XVII*	Baltimore	900 *N. Gilmor St.*
ANNE GILLINGHAM QUINAN *Education XXII*	Baltimore	704 *Reservoir St.*
MARY MARGARET TERESA QUINN *Education XXVIII; Spanish I*	Baltimore	1614 *Hollins St.*
FRANK A. RACHUK *Russian I*	Baltimore	3133 *Elliott St.*
CECILE IRENE RAINEY *Hygiene*	Baltimore	600 *N. Carey St.*
ETHEL P. RANDOLPH (Mrs.) *English VI*	Baltimore	*Sherwood Hotel*
GRACE RAWLINGS *Education XXV*	Baltimore	1529 *Eutaw Pl.*
EDNA EARLE RAWLS *English IV and VI; French VI; Psychology I*	Baltimore	4724 *York Rd.*
ALBERT WILLIAM RAYNER *Chinese I*	Baltimore	1814 *Eutaw Pl.*
MARY M. READ *Spanish I*	Baltimore Co.	*Pikesville*
MARY MIDDLETON READ *French V*	Baltimore Co.	*Pikesville*
MARGARET D. REANEY *Education I*	Baltimore	2809 *York Rd.*

MARION LOUISE REDDISH *Education XIII*	Baltimore	1413 *N. Caroline St.*
VIOLA REED *French I; Hygiene*	Baltimore	2736 *Mosher St.*
AUDREY MARY REESE *Journalism*	Baltimore	3400 *Auchentoroly Ter.*
EDITH FORD REESE (MRS.) *English VII*	Baltimore	4 *W. 39th St.*
LILLIAN PERRY REESE *Education XV*	Baltimore	4103 *Roland Av.*
LOIS REESE *English I*	Baltimore	2308 *Edgemont Av.*
BEULAH ESTHER REGESTER *Education XXV*	Baltimore	622 *Woodbourne Av.*
ALBERTA ELIZABETH REIER *Home Economics I*	Baltimore	1314 *Edmondson Av.*
ALICE ALMIRA REINDOLLAR *Home Economics I*	Baltimore	*Homewood Apts.*
EMILIE SOPHIA REINHARD *English V*	Baltimore	1509 *Bolton St.*
EVERHART EDMUND REUTTER *Education XII; German II; History I A*	Baltimore	3717 *Edmondson Av.*
ANNETTE SIMPSON RICARDS (MRS.) *Psychology III*	Baltimore	2218 *Reisterstown Rd.*
EDITH GRACE RICE *Art I*	Baltimore	604 *Lennox St.*
RUTH RICHARDS *Spanish I*	Baltimore Co.	*Pikesville*
STELLA M. RICHARDSON *Journalism*	Baltimore	600 *Linnard St.*
ELIZABETH SNOWDEN RIDGELY *Education XII*	Baltimore	1500 *Mt. Royal Av.*
FRANCES YOUNG RIENHOFF *French VI*	Baltimore	*Cold Spring La.*
LAURIE HOWARD RIGGS *Philosophy I*	Catonsville	*Edmondson Av.*
SALLIE C. RIGGS (MRS.) *Philosophy I*	Catonsville	*Edmondson Av.*
MARY VIRGINIA RILEY *Education XVI*	Baltimore	1406 *Linden Av.*
AMELIA M. RING *English VII*	Baltimore	806 *Whitelock St.*
HELEN VIRGINIA RITTER *English V*	Baltimore	3205 *Guilford Av.*
BESSIE KING ROBINSON *French III*	Baltimore	20 *E. Mt. Vernon Pl.*
HELEN EUGENIA ROBINSON *Education XIX*	Baltimore	513 *N. Carrollton Av.*
ELEANOR LYLES ROCHE *Education XII and XIV*	Baltimore	725 *Gorsuch Av.*
CORNELIUS ROE *History II A; Political Science; Psychology III*	Baltimore	716 *N. Fremont Av.*
MARY ROGERS *Education XXI; Italian I*	Baltimore	810 *N. Calvert St.*
RUTH WALTER ROGERS Graduate School *Art I*	Baltimore	32 *W. 25th St.*
MAXIM L. ROMANOFF *Russian I*	Baltimore	2218 *E. Lombard St.*

KATHERINE RONEY *Education XIV*	Baltimore	1517 *N. Bond St.*
ELSA ADELAIDE ROSCHEN *Education XIV*	Baltimore Co.	*Reisterstown*
FLORENCE ROSENSTEEL *Education XXXIV*	Baltimore	1105 *Brentwood Av.*
STELLA ROSENSTEIN *French IV*	Baltimore	3701 *Egerton Rd.*
JANE HELEN ROSS *Journalism*	Baltimore	2030 *St. Paul St.*
MARTHA ELIZABETH ROSSMEISL *Education XXI*	Baltimore	25 *N. Port St.*
FLORENCE BROUGHTON ROST *Education XII and XVII*	Baltimore	814 *Harlem Av.*
ELEANOR ROTH *Mathematics I*	Hamilton	105 *Rosemary Av.*
CARRIE ROW *Education XXII*	Baltimore	2003 *Denison St.*
EVA ROYER *Spanish II*	Baltimore	709 *N. Broadway*
ISAAC WILLIS RUSSELL Johns Hopkins University *German III; Philosophy I*	Baltimore	3902 *Groveland Av.*
CAROLINE SAHM *English IV*	Baltimore	107 *E. Lafayette Av.*
ELIZABETH SAKERS *Education XIX; Psychology III*	Baltimore	4315 *Forest Park Av.*
MARY ELIZABETH SALTER *Education XII*	Baltimore Co.	*Pikesville*
GEORGE FRANCIS SANDER Johns Hopkins University *Art I*	Baltimore	1701 *E. Baltimore St.*
GEORGE SONDRA SANDERS *Education IV and VI*	Baltimore	5237 *Linden Hghts. Av.*
GRACE SCHORR SANDERS *Education XIX*	Baltimore	152 *Wilson Av.*
LUCIE LEE SANTMYER *Education XXI*	Baltimore	120 *Rockwood Av.*
RIDGELY SAPPINGTON *French V*	Baltimore	519 *Munsey Bldg.*
MAURICE C. SATER Johns Hopkins University *Education I*	Baltimore	616 *W. 33d St.*
AGATHA SCALLY *Education XXXII*	Baltimore	3603 *Windsor Mill Rd.*
ELLEN IRENE SCALLEY *Education XII and XIV*	Baltimore	401 *Calvin Av.*
HAROLD BRENTON SCARBOROUGH Graduate School *Education I, IV, VI and XIII*	Baltimore	4138 *Pimlico Rd.*
NELLIE SCARBOROUGH *Education XII; History I A*	Baltimore	2101 *N. Charles St.*
MARIE CHAMBERS SCHAEFER (MRS.) *Education XII; History II A*	Baltimore	4123 *Roland Av.*
FRIEDA SCHARF *Hygiene*	Baltimore	914 *N. Stricker St.*
BETTY B. SCHAUB (MRS.) *French IV*	Baltimore	3847 *Garrison Av.*
MATTIE GRACE SCHAUT *Education XXI*	Baltimore	3516 *Clifton Av.*
MARY ELSIE SCHEIB *Education XXXI*	Baltimore	1643 *Ellamont St.*

SAMUEL SIDNEY SCHER *Mathematics II*	Baltimore	2706 *Allan Av.*
ISADORE SCHERR *Art II; History II A; Political Science; Psychology II*	Baltimore	613 *Cumberland St.*
MILTON WHITNEY SCHLUTTER Johns Hopkins University *Art I; Education I*	Baltimore	*Homewood*
LOUISE SCHMIDT *Education XXII*	Baltimore	3918 *Liberty Hghts. Av.*
THEKLA DOROTHEA SCHMIDT *French I*	Baltimore	313 *N. Paca St.*
MARGUERITE LAURA SCHMIDTMAN *Education XXI*	Baltimore	527 *E. 20th St.*
OTTO K. SCHMIED Graduate School *Education IV and XXI*	Baltimore	*The Alameda Apts.*
MAGDALENA SCHMUCK *German I*	Hamilton	42 *White Av.*
BERTHA M. SCHOOLS *Home Economics II*	Baltimore	909 *University Pkwy.*
FRANK EDWARD SCHRAEDER *Russian II*	Baltimore	212 *E. Preston St.*
MARGARET ARCHER SCHREITZ *Education XXII*	Baltimore	1611 *E. Biddle St.*
FLORENCE HUDSON SCHUBERT *Chemistry II and III; Education V; English I; German II; Political Science*	Baltimore Co.	*Pikesville*
MARIE ELIZABETH SCHUH *Education XXXIII*	Baltimore	500 *N. Patterson Pk. Av.*
BARBARA SCHUNCK *Education XIV*	Baltimore	19 *E. Eager St.*
HELEN ANNA SCHUOLER *Education XII*	Baltimore	1116 *N. Eutaw St.*
ALFRED PRESTON SCOTT Graduate School *Education XII*	Baltimore	5209 *Midwood Av.*
GWENDOLYN GARRETTSON SCOTT *Art I*	Baltimore	23 *E. Eager St.*
MARY ELIZABETH SCOTT *Art II*	Baltimore	3104 *Winfield Av.*
ELIZABETH SEARY *Art I*	Baltimore	2413 *St. Paul St.*
CORA HOWELL SHAFFER *Education XIV*	Baltimore	3601 *Bateman Av.*
ARCHIE D. SHAFTESBURY. Graduate School *Russian II*	Baltimore	2720 *Oak St.*
J. GRACE SHAMBERGER *Education XXXIII*	Baltimore	2804 *N. Calvert St.*
EDNA VIRGINIA SHANAHAN *Education IV*	Baltimore	19 *N. Highland Av.*
ELIZABETH WINSTON SHANNON *Art I*	Baltimore	701 *Cathedral St.*
ELIZABETH PAMELA SHANTZ *English V; Home Economics II*	Baltimore	2116 *N. Charles St.*
JEROME HERBERT SHAPIRO Johns Hopkins University *Journalism*	Baltimore	2308 *Tioga Pl.*
IDA SHAROGRODSKY *History II A*	Baltimore	2223 *Eutaw Pl.*
ANNA SHAW *Education XXI*	Baltimore	3022 *Garrison Blvd.*
HENRIETTA AMANDA SHAW *English III*	Towson	34 *Willow Av.*

JOSIE M. SHEA *Education XII*	Baltimore	2012 *Barclay St.*
HELEN SHERRY (Mrs.) *English VI; Oriental Seminary II*	Baltimore	2227 *E. Baltimore St.*
LULA ELIZABETH SHIELDS *Education XIV*	Baltimore	2401 *Elsinor Av.*
JOHN SMITH VAN BIBBER SHRIVER Johns Hopkins University *German III*	Baltimore	3004 *N. Calvert St.*
SIMON SIDAMON-ERISTOFF *English IV; History I A; Political Science; Psychology I*	Baltimore	2412 *St. Paul St.*
JEANNETTE R. SIEGEL Graduate School *Psychology III*	Baltimore	204 *S. Patterson Pk. Av.*
ALBERT EDWARD SIKORSKY Johns Hopkins University *German II*	Baltimore	822 *N. Broadway*
LUCINDA SILVER *History III*	Baltimore	5912 *Brackenridge Av.*
LINA SIMON (Mrs.) *Italian II*	Baltimore	1734 *Linden Av.*
ANN SIMONS *English II; French IV*	Baltimore	1610 *John St.*
QUENTIN DREYER SINGEWALD Graduate School *Art I*	Baltimore	17 *W. 29th St.*
MARGARET KEEN SLATER *Journalism*	Baltimore	2501 *Roslyn Av.*
URSULA GRAY SLAUGHTER *Education XXXII*	Baltimore	2720 *St. Paul St.*
MARGARET M. SLEMONS *Art I*	Baltimore	2134 *Bolton St.*
BEULAH PARKER SMALLWOOD *Journalism*	Baltimore	865 *Park Av.*
DOROTHEA ANNA SMITH *English III*	Baltimore	927 *N. Calvert St.*
ETTA WALTERS SMITH *History I A*	Baltimore	2401 *Garrison Av.*
HARRIET REYNOLDS SMITH *Russian II*	Baltimore	2001 *Park Av.*
MINNIE CECELIA SMITH *Education XXXIV*	Baltimore	404 *N. Carrollton Av.*
SARA ROSS SMITH *Education XXI*	Baltimore	2001 *Park Av.*
SYBIL SMITH *Home Economics II*	Baltimore	2704 *St. Paul St.*
LOUISE C. SMITHER *Education XII; English VI*	Baltimore	528 *N. Calhoun St.*
NELLIE GREEN SMULLEN (Mrs.) *Education XXXIV*	Baltimore	1609 *N. Broadway*
ELIZABETH ANNA SMYTH *Education XIX*	Baltimore	608 *E. Cedarcroft Rd.*
AGNES SNYDER Graduate School *Education I and IX; Psychology III*	Baltimore	4812 *Wayne Av.*
IDA GERTRUDE SORAN *Education XVI*	Baltimore	232 *W. Lafayette Av.*
HUGH BARNETT SPEIR Graduate School *Education XXXIII*	Carroll Co.	*Westminster*
REX LEWIS SPRINGER Johns Hopkins University *English III*	Morrell Park	1110 *Union Av.*
AGNES ADAMS STACK *Journalism*	Baltimore	308 *E. Lafayette Av.*

ELLEN KELLY STACK *English VI*	Baltimore	308 *E. Lafayette Av.*
MARIE ANTOINETTE STACK *Education XV*	Baltimore	1417 *Bolton St.*
ETHEL KATHERINE STAHL *Education XVII*	Baltimore	3901 *E. Lombard St.*
MARGARET STALEY *Education XXV*	Baltimore	835 *Harlem Av.*
ELIZABETH BANKARD STANSBURY (Mrs.) *Education XXII*	Mt. Washington	*Uffington Rd.*
NEVETT STEELE *English IV; Political Science*	Baltimore	*Garrison*
HELEN MATILDA STEGMAN *Mathematics III*	Baltimore	2637 *Guilford Av.*
SARAH STEIN *English III; Psychology I*	Baltimore	*Lake Drive & Eutaw Pl.*
ALMA STEPHENS *Education VIII*	Baltimore	1631 *E. North Av.*
MABEL LEIGH STEPHENSON *Home Economics II*	Baltimore	*25th & St. Paul Sts.*
PEGGY WARD STERLING *Education I*	Baltimore	3921 *Greenmount Av.*
FANNY KLEIN STEVAN *Art I*	Baltimore	2939 *W. Lanvale St.*
ISOBEL CLARISSA STEWART Graduate School *Psychology III*	Baltimore	2435 *N. Charles St.*
SADIE BELLE STEWART *History I A*	Baltimore	1550 *Moreland Av.*
LOUISE AUGUSTA STIEGLER *Education XII*	Baltimore	2453 *Maryland Av.*
EVELYN STILLINGS *Education I*	Brookline, Mass.	*Greenwood School*
THEA STINCHCOMB *Spanish I*	Baltimore	1706 *John St.*
ANNA CHARLTON STINEFELT (Mrs.) *Education XII; History II A*	Baltimore	33 *S. Fulton Av.*
MABEL BELMONTE STI NON *English V*	Baltimore	517 *N. Milton Av.*
ELIZABETH ADENA STORM *Education XXI*	Baltimore	706 *W. North Av.*
MARGUERITE KING STOTLER *Education XIX*	Baltimore	612 *N. Gilmor St.*
BARBARA ELLEN STOUFFER *French IV*	Baltimore	*Brexton Apts.*
AMANDA LOUISE STOUGHTON School of Hygiene *German I*	Baltimore	20 *E. Mt. Vernon Pl.*
MINNIE HARRISON STRAYER *History I A*	Baltimore	400 *N. Carey St.*
JANET L. STRITEHOFF *Mathematics I*	Baltimore	510 *N. Carey St.*
FLORENCE STROMBERG *Education XXII*	Baltimore	2106 *Eutaw Pl.*
ISAAC STROUSE *Psychology III*	Baltimore	*Emersonian Apts.*
LEONARD EDWARD STULMAN Johns Hopkins University *French V*	Baltimore	2406 *Liberty Hghts. Av.*
CAROLINE WHITAKER STUMP *Education XXIV*	Cecil Co.	*Perryville*

ELMER G. SUHR Graduate School *Art I; History III*	Baltimore	2737 *Maryland Av.*
MARGARET GORMLEY SUTHERLAND *History III*	Baltimore	923 *Cathedral St.*
CHARLES FRANCIS SVEC Johns Hopkins University *French I*	Baltimore Co.	*Relay*
MILDRED E. SWANN *Education XXXII*	Baltimore	2826 *Oak St.*
MARY L. SWANSON Graduate School *Psychology III*	Baltimore	1008 *W. Baltimore St.*
HELEN MARIE ANGELA SWEENEY *Psychology III*	Baltimore	101 *E. 33d St.*
AMELIA L. SWEITZER *Education XXVII*	Baltimore	3507 *Bank St.*
LENA ADELE TALBOTT *Education XIX*	Baltimore	*St. Paul Apts.*
KATHERINE LEONA TAMES *Education XIII; Mathematics III*	Hamilton	5304 *Harford Rd.*
CLARA VIRGINIA TAPMAN *French V*	Catonsville	*Glenwood Av.*
CHAUNCEY ROLAND TATUM Johns Hopkins University *German II*	Baltimore	1429 *W. Lombard St.*
JOHN CAREY TAYLOR Graduate School *Education I and VI*	Baltimore	1245 *N. Broadway*
RUTH TAYLOR *English V*	Baltimore	3601 *Garrison Av.*
THURSTON TAYLOR Johns Hopkins University *English VI*	Baltimore	108 *Longwood Rd.*
RUTH BOWIE TERRELL *Psychology I*	Baltimore	2612 *St. Paul St.*
ROSS JULIAN THALHEIMER Johns Hopkins University *Art I; French IV; Journalism*	Baltimore	*Riviera Apts.*
DOROTHY LITTLE THOMAS *Education XXXII*	Baltimore	350 *University Pkwy.*
ELLA FANNIE THOMAS *Education XXII*	Baltimore	4738 *Ready Av.*
ELLEN LOUISE THOMAS *Education IV*	Baltimore	1709 *Harlem Av.*
MARIAN VIRGINIA THOMAS *Education XXVIII*	Baltimore Co.	*Brooklyn Sta.*
MARY ADELE THOMAS *Education IV*	Baltimore	415 *E. 22d St.*
META C. THOMAS *Oriental Seminary I*	Baltimore Co.	*Raspeburg Sta.*
NELSON JOHN THOMAS *Education XVII; Russian II*	Baltimore	1716 *N. Broadway*
ELIZABETH CATHERINE THOMPSON *Education XIX*	Baltimore	2741 *St. Paul St.*
FRANCIS WILDE THOMPSON *Art I*	Baltimore	203 *Longwood Rd.*
GILFORD PALMER THOMPSON *Chemistry I; Education VI; Spanish I*	Baltimore	425 *N. Carey St.*
IDA MIRIAM THOMPSON *German I*	Baltimore	3930 *Cloverhill Rd.*
MARY GENEVIEVE THUMAN *Art III; English I; History III*	Baltimore	2401 *Shirley Av.*
MIGNON TIEFENBRUN *English III; Psychology I*	Baltimore	2034 *Brookfield Av.*

HELEN GOLDSBOROUGH TILGHMAN *Education XXI*	Baltimore	3420 *Clifton Av.*
HARRIET W. TIPTON *Education XXXII*	Baltimore	4704 *Park Hghts. Av.*
CLARISSA LUCRETIA TOWNSEND Graduate School *History III*	Baltimore	1112 *N. Eutaw St.*
LILLIAN R. TOWNSHEND (Mrs.) *Education XXVIII*	Baltimore	2832 *W. North Av.*
EMILY G. TRAVERS *Education XXI*	Baltimore	2432 *N. Calvert St.*
MARY RACHEL TRAVERS *English III*	Towson	*Idlewylde*
HELEN TRYBULOWSKI *German II*	Baltimore	625 *St. Paul St.*
MABEL AMELIA TUDOR *Education XII*	Baltimore	601 *N. Carrollton Av.*
CHARLOTTE BEATRICE TURNER *English I*	Baltimore	3406 *Bateman Av.*
JANE COLEMAN TYLER *Home Economics I*	Baltimore	3341 *Windsor Av.*
GLADYS R. TYSON *Education VI and XXIII*	Jenkintown, Pa.	303 *West Av.*
MARIE LOUISE TYSON *German I*	Baltimore	*The Bryn Mawr School*
HENRY FRANZ ULLRICH *Chemistry II; English I*	Baltimore	2008 *Orleans St.*
MARION S. UPHAM *Psychology III*	Baltimore	2105 *N. Charles St.*
VICTORIA VAIDEN *Psychology I; Russian II*	Baltimore	3918 *Clover Hill Rd.*
DONALD B. VAN HOLLEN *Psychology III*	Baltimore	463 *Lexington Bldg.*
WILLIAM O. VAN HORN *Education XIX*	Baltimore	217 *W. 25th St.*
KATHERINE SEYMOUR VAN METER *Education XXXII*	Baltimore	1508 *W. Fayette St.*
ALVERDA G. VAN SANT *Education XXV*	Baltimore	1516 *Harlem Av.*
FANNYE FOXWELL VAN SANT *Education XXI*	Baltimore	1729 *Bolton St.*
WILLIAM H. VICKERS *Psychology III*	Baltimore	463 *Lexington Bldg.*
ALVINA EGGERT VOGT *Education XXI*	Baltimore	219 *S. Broadway*
MARGARETHA ELLENOR VOLZ *Education XIX*	Baltimore	2932 *McElderry St.*
THEODORE VON KEMPE *History III; Hygiene*	Baltimore	2642 *N. Charles St.*
LUCY MARGARET WAGENER *English II and III*	Baltimore	4311 *Springdale Av.*
LILLIAN CHARLOTTE REBECCA WAGNER *Mathematics II*	Baltimore	2408 *N. Calvert St.*
ELEANOR KIRKBRIDE WALKER *Art I; English IV*	Baltimore	2134 *Bolton St.*
GEORGIA O. WALKER *Psychology III*	Baltimore	3510 *Cedardale Rd.*
MARIE ESTELLE WALLACE *Education XXI*	Baltimore	520 *N. Stricker St.*

M. CHAILLE WALLER *Education XIV*	Baltimore	1230 *W. Lanvale St.*
MARY T. WALSH *Education XXXIII*	Baltimore	4014 *Edmondson Av.*
ESTELLE SOPHIA WALTERS *Journalism*	Baltimore	3032 *Baker St.*
MARY GROTHAUS WALTHAM *Education XXXIV*	Baltimore	621 *N. Washington St.*
MARIE E. WANNER *History I A*	Baltimore	17 *Markley Av.*
MARGARET MOWE WANSTALL *Education XXV*	Baltimore	1606 *Bolton St.*
HELEN TERESA WARD *French I*	Baltimore	1539 *N. Bond St.*
MABEL WARD *French III; English VI*	Baltimore	117 *W. Franklin St.*
ELLA LOUISE WARDEN *Home Economics I*	Baltimore	125 *W. Lafayette Av.*
JULIA FRANCIS WARDSWORTH *Education XXVIII*	Baltimore	1003 *N. Calvert St.*
ESTELLE WARFIELD *Education XXV*	Baltimore	3349 *Windsor Av.*
FLORENCE T. WARWICK *English VII*	Baltimore	3304 *Alto Av.*
RUTH EVELYN WASKEY *Education XIV*	Baltimore	2402 *Reisterstown Rd.*
VIRGINIA E. WATTS *Education XXXII*	Baltimore	32 *S. Fulton Av.*
FRANCES ELIZABETH WAY *History II A*	Baltimore	1611 *N. Caroline St.*
MARY COX WEBB (Mrs.) *History I A*	Baltimore	28 *Roland Av.*
HELEN JEFFERSON WEBER *Home Economics II*	Baltimore	3443 *Guilford Ter.*
HELEN RUTH WEDI *Education XXV*	Baltimore	121 *S. Fulton Av.*
ANNIE BELL WEER *Education XXVIII*	Baltimore	2100 *Allendale St.*
ELSA WEILEPP A. B. Goucher College 1920 *English II*	Baltimore	2715 *St. Paul St.*
EMMA FRANCES WELCH *Education XVII*	Baltimore	334 *Presstman St.*
WINIFRED WELDEN *History I A*	Baltimore	1528 *Eutaw Pl.*
MARY HALBERT WELLENER *Education XXII*	Baltimore	1724 *N. Bond St.*
FLORENCE WELLER *Chemistry III; French I; History III*	Baltimore	1621 *E. 25th St.*
NANNIE B. WELLER *Education XXV*	Baltimore	13 *E. Read St.*
JOSEPHINE R. WELLMORE *Education XIV*	Baltimore	1415 *John St.*
FLORENCE ELIZABETH WELLS *Education XIII*	Baltimore	7 *Dolfield Av.*
GRACE ELY WELLS *Education XIII; Mathematics III*	Baltimore	7 *Dolfield Av.*
LAURA MARIE WELLS *Education XXII*	Baltimore	4707 *Edmondson Av.*

RUTH CECELIA WELLS — Baltimore — 3115 *Walbrook Av.*
French III

CLARIBEL PRATT WELSH (Mrs.) — Prince George's Co. — *College Park*
Home Economics II

MAMIE WELTNER — Baltimore — 4011 *Norfolk Av.*
Education XXI

EDITH ELIZABETH WEST — Baltimore — 1407 *N. Central Av.*
Education XXII

ALICE ELIZABETH WHEAT — Baltimore — 1036 *Brantly Av.*
Education XXXIV

CHARLOTTE FREDERICCA WHEATLEY — Baltimore — 4959 *Denmore Av.*
English III

MARY LILLIAN WHEDBEE — Baltimore — 1528 *Park Av.*
Psychology III

HELEN LOUISE WHEELER — Baltimore — 4304 *Kathland Av.*
Education XXI

ALICE H. WHITE — Baltimore — 2402 *N. Charles St.*
Spanish I

ALICE OLIVIA WHITE — Baltimore — 2246 *Maryland Av.*
Graduate School *Psychology III*

ANNABEL LEE WHITE — Baltimore — 2446 *Maryland Av.*
Graduate School *French IX; German III; Mathematics III*

ELIZABETH GENEVIEVE WHITE — Baltimore — 2446 *Maryland Av.*
Graduate School *Education VI and XXII; English V; Mathematics III*

THEODORE EVANS WHITELEY — Baltimore — 2629 *N. Charles St.*
Johns Hopkins University *Philosophy I*

HANNAH CATHERINE WHITELOCK — Cecil Co. — *Perryville*
Education XXIV

HESTER CECELIA WHITFIELD — Baltimore — 4425 *Park Hghts. Av.*
Mathematics II

REGINA WHITNEY — Baltimore — 3314 *Gwynn Oak Av.*
Education IX

CORALIE MAUDE WIEGMAN — Baltimore — 2231 *N. Calvert St.*
Education I; English II; Mathematics III; Psychology I

MARIE CATHERINE WIENEFELD — Baltimore — 2017 *W. Pratt St.*
French II

ROBERT HENRY WIENEFELD — Baltimore — 2017 *W. Pratt St.*
Johns Hopkins University *Oriental Seminary II*

MARY MARGARET WIERS — Baltimore — 16 *E. Lanvale St.*
Education XXII

CLARA WIGHTMAN — Baltimore — 1614 *Bolton St.*
Education XXII

VIRGINIA WIGHTMAN — Baltimore — 1614 *Bolton St.*
Education XII; History I A; Hygiene; Italian I

ELIZABETH LENORE WILD — Baltimore — 4004 *Brookline Av.*
Education I; English II

CHRISTINE ADELE WILHELM — Baltimore — 706 *Park Av.*
English VI

CATHERINE ANGELA WILKINSON — Baltimore — 1033 *Edmondson Av.*
Education XXXIV

ALVA MAE WILLIAMS — Baltimore Co. — *Relay*
Political Science

ELOISE FLORENCE WILLIAMS — Baltimore — 1901 *Rosedale St.*
Education XXVII

SUSAN ADGER WILLIAMS — Baltimore — 2101 *Bolton St.*
English III

WILLIAM ROBINSON WILLIAMS — Baltimore — 2122 *N. Charles St.*
Mathematics II; Political Science

CHARLES FOUNTAIN WILLIS *Education XII*	Baltimore	3026 *St. Paul St.*
ANN BOWES WILLOCK (Mrs.) *Art I and III*	Baltimore	801 *Falls Rd. Ter.*
JOHN SCOTT WILLOCK *Art III*	Baltimore	801 *Falls Rd. Ter.*
MARY MARJORIE WILLS *French IX; Home Economics II*	Baltimore	1012 *W. Lanvale St.*
CLARA CLIFTON WILSON *Education XIII*	Baltimore	4011 *Belvieu Av.*
CORNELIA ALICE WILSON *French III*	Baltimore	2708 *Guilford Av.*
M. JOSEPHINE WILSON *Education XXI*	Baltimore	238 *N. Carey St.*
MARY S. WILSON (Mrs.) Graduate School *Psychology III*	Baltimore	2408 *Maryland Av.*
KATE STANSBURY WINCHESTER (Mrs.) *Education XXVII*	Baltimore	3409 *Hilton St.*
MARGUERITE BALLS WIRTH *English II*	Baltimore	*Guilford Ter.*
HENRY MAURICE WITMYER *Chemistry I*	Baltimore	2326 *N. Charles St.*
MARGARET MAULSBY WITTERS *French IV and VI*	Baltimore	1824 *Bond St.*
HELENE MARGUERITE WITTMAN *Journalism*	Baltimore	2726 *Wilkens Av.*
OLIVER WOLCOTT A. B. Johns Hopkins University 1923	Mt. Washington *Education IX*	*St. Paul's School*
RHEA WOLF *English III; Psychology I*	Baltimore	*Park Hghts. & Spalding Avs.*
THELMA WOLLENBERG *Education XII and XIV*	Baltimore	3703 *North Rd.*
EVELYN HAMILTON WOOD *English II and III; Journalism*	Baltimore	3413 *Copley Rd.*
ROSA R. WOOTERS *Education XXXIV*	Baltimore	301 *E. 25th St.*
SIN HOP WONG Johns Hopkins University *Education IV; German I*	Baltimore	2723 *Maryland Av.*
HARRIET ELIZABETH WORTHINGTON *Education XIX*	Baltimore	2315 *W. Lanvale St.*
FANNIE CATHERINE WRIGHT *History I A*	Baltimore	4023 *Belle Av.*
JEAN LILLY YATER *French III*	Baltimore	519 *Ravenswood Av.*
KATHERINE ELIZABETH YEAWORTH *History III; Spanish I*	Baltimore	6237 *Bellona Av.*
URSULA REGINA YEAWORTH Graduate School *German I; History III*	Baltimore	6237 *Bellona Av.*
ALICE M. YOUNG *English III*	Baltimore	3806 *Forest Park Av.*
BESSY COLSTON YOUNG *French V; History III*	Baltimore	*Cold Spring La.*
CHARLES SIDNEY YUSTMAN Johns Hopkins University *Philosophy I*	Brooklyn, N. Y.	*Homewood*
RALPH LEE ZIMMERMAN *Education XII*	Baltimore	1104 *Brevard St.*

ALICE MARGUERITE ZOUCK *Education XII*	Baltimore	141 *W. Lafayette Av.*
FRANCES LOUISE ZUILL *French III; Home Economics II*	Baltimore	701 *Cathedral St.*

(1003)

UNIVERSITY EXTENSION CENTER: ANNAPOLIS, MD.

English I: English Composition

EDITH JERNINGHAM CHILDS	Annapolis	119 *Charles St.*
MIRIAM BYRD DRYDEN	Annapolis	108 *Market St.*
GEORGE FOX S. B. St. John's College 1923	Annapolis	86 *Market St.*
ELIZABETH VIRGINIA HARMON	Eastport	499 *Chesapeake Av.*
MARY ETHEL MCCARTY	Eastport	108 *Burnside St.*
NELLIE M. MCCRANE	Annapolis	*Gloucester Apts.*
ELIZABETH B. MILLIKEN (Mrs.)	Annapolis	75 *Spa View*
RUTH PARKER Johns Hopkins University	Anne Arundel Co.	*Glen Burnie*
J. WILLIAM PHIPPS Johns Hopkins University	Annapolis	*Wardour*
M. LUCY REDMOND	Annapolis	20 *Madison St.*
SADIE H. RICE	Anne Arundel Co.	*Arnold*
JOSEPHINE RIORDAN	Annapolis	142 *Charles St.*
ALMA ROBECK	Annapolis	193 *Gloucester St.*
GLADYS IOLA TAYLOR	Annapolis	43 *West St.*
M. THERESA WIEDEFELD Johns Hopkins University	Anne Arundel Co.	*Annapolis*
LILIAN WORTHINGTON	Anne Arundel Co.	*Annapolis*
EMMA H. WINTERODE	Anne Arundel Co.	*Crownsville*

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UNIVERSITY EXTENSION COURSE: ELKTON, MD.

Education III: Principles of Education

MARY INDIANA BOWLAND	Elkton	233 *E. Main St.*
KATHERINE MITCHELL BRATTON Johns Hopkins University	Elkton	255 *E. Main St.*
HUGH WRIGHT CALDWELL S. B. Johns Hopkins University 1922	Elkton	
FRANCES MCNEAL CLEAVES	Elkton	205 *Howard St.*
EDWIN BENJAMIN FOCKLER S. B. University of Delaware 1923	North East	
GENEVIEVE PRICE HINNAN A. B. Western Maryland College 1921	Elkton	227 *E. Main St.*
MARY HELEN SCOTT	Childs	

(7)

Total (1165)

VIII. ATTENDANTS ON COURSES IN SOCIAL ECONOMICS

AVIS BOYD ATWATER (MRS.) Baltimore 224 *Prospect Av.*
Immigrant Peoples; Social Legislation

MARY BARRINGTON BALDWIN Baltimore 509 *N. Carey St.*
Social Medicine

OKIE BAUGUS, A. B. Carlisle, Ky. 1209 *Eutaw Pl.*
Delinquency and Probation; Social Legislation; Administration, Finance, and Publicity of a Social Organization; Social Statistics; Conference

MAZIE BECKER Baltimore 3810 *Park Hghts. Av.*
Family Case Work

KATHARINE MACPHERSON BRISCOE Prince Frederick 911 *Cathedral St.*
History and Development of Social Work; Family Case Work; Immigrant Peoples

LELAH BUCKINGHAM Osgood, Ind. 128 *W. Franklin St.*
Delinquency and Probation; Social Legislation; Social Statistics; Administration, Finance, and Publicity of a Social Organization

ELSIE CARTON New York, N. Y. 2020 *Madison Av.*
Social Legislation; Social Statistics; Delinquency and Probation; Conference

MARGARET WALKE COUPLAND New Orleans, La. 19 *W. Cold Spring La.*
Delinquency and Probation; Social Statistics; Social Legislation; Administration, Finance, and Publicity of a Social Organization

DOROTHY GERALDINE CROCKER Baltimore 3803 *Juniper Rd.*
Case Record Writing; Social Legislation; Probation and Delinquency; Statistics

VIRGINIA WENTWORTH CROLL Baltimore 2329 *N. Calvert St.*
Family Case Work

IRENE CUDLIPP (MRS.) Baltimore 802 *Carrollton Av.*
Health and Preventable Disease

MARGARET ACHSAH DEMPSTER, A. B. Baltimore 1414 *Harlem Av.*
History and Development of Social Work; Family Case Work; Immigrant Peoples; Delinquency and Probation; Health and Preventable Disease

ANGELA DE BERNABEN DIDIER Baltimore 1721 *N. Calvert St.*
Social Medicine

MARGARET MARIE DONNELLY Baltimore 1801 *Edmondson Av.*
Social Medicine

FIELDING LEWIS DOUTHAT Danville, Va. 2737 *St. Paul St.*
Family Case Work; History and Development of Social Work; Health and Preventable Disease; Social Statistics; Immigrant Peoples

ROSE ESTERSON Baltimore 113 *N. Chester St.*
Social Statistics

S. ELIZABETH SPICER GERLACH (MRS.) Baltimore 2004 *Park Av.*
Social Medicine

HELEN GOLDEN, A. B. Elkins, W. Va. *Lake Drive Apts.*
Delinquency and Probation; Social Legislation; Administration; Finance and Publicity of a Social Organization; Social Statistics; Conference

BERTHA DORSEY HABERSHAM (MRS.) Baltimore 2115 *N. Charles St.*
Social Medicine

ROSABEL E. HALL Baltimore *Ken Oak Rd.*
Social Medicine

MARY STUART HARRISON Danville, Va. 2737 *St. Paul St.*
History and Development of Social Work; Family Case Work; Health and Preventible Disease; Immigrant Peoples; Social Statistics

HELEN HEFNER, A. B. Grafton, W. Va. 1209 *Eutaw Pl.*
Social Legislation; Delinquency and Probation

MILDRED EDITH HILBERG, A. B. Baltimore 502 *Rose Hill Ter.*
History and Development of Social Work; Family Case Work; Health and Preventable Disease; Immigrant Peoples; Delinquency and Probation

CARROLL SUDLER HOOD Atlanta, Ga. 838 *Park Av.*
History and Development of Social Work; Family Case Work; Health and Preventable Disease; Immigrant Peoples; Social Statistics

WILHELMINA HUSE Baltimore 1747 *Gorsuch Av.*
Social Medicine

SALLIE ELIZABETH JONES, A. B. Baltimore Co. *Owings Mills*
History and Development of Social Work; Family Case Work; Health and Preventable Disease; Immigrant Peoples; Delinquency and Probation

MAUDE PUSTAN KEMP, A. B. Baltimore 3310 *Windsor Av.*
History of Social Work; Social Case Work; Statistics; Health and Preventable Disease; Immigrant Peoples

JOHN WILLIAM LEWIS, A. B. Baltimore 3405 *Alto Av.*
Delinquency and Probation

JULIA ESTHER LUCAS Baltimore 1519 *Bolton St.*
Social Medicine

ELIZABETH MANN Baltimore 3017 *Clifton Av.*
Health and Preventable Disease

AGNES KATHLEEN MAXWELL Baltimore 2517 *N. Charles St.*
Delinquency and Probation; Social Statistics; Social Legislation

CARROLL MCDOWELL, A. B. Arkansas City, Kan. *Y. W. C. A.*
History and Development of Social Work; Family Case Work; Health and Preventable Disease; Immigrant Peoples; Social Statistics

MINNA MEETH Baltimore 3507 *Liberty Hghts. Av.*
Social Medicine

JOSEPHINE MORRIS Baltimore 535 *N. Carey St.*
Health and Preventable Diseases

MARGARET ELIZABETH MOYER, A. B. Tampa, Fla. 1612 *Bolton St.*
History and Development of Social Work; Family Case Work; Health and Preventable Disease; Immigrant Peoples; Delinquency and Probation; Social Legislation

LORINE MYERS Germantown, Pa. 2110 *Chelsea Ter.*
Health and Preventable Disease

LILLIAN MABEL NUSSMAN, A. B. Suffolk, Va. 2737 *St. Paul St.*
History and Development of Social Work; Family Case Work; Health and Preventable Disease; Immigrant Peoples; Social Statistics

BERTHA OVERBY, A. B. Richmond, Va. 18 *E. Hamilton Av.*
History and Development of Social Work; Family Case Work; Immigrant Peoples; Social Statistics; Health and Preventable Disease

MARY E. PETERS North East, Pa. 2116 *Chelsea Ter.*
Health and Preventable Disease

MABEL ANNA PUMPHREY Baltimore 2432 *Edmondson Av.*
Social Medicine

HATTIE A. REMINGTON Baltimore 403 *E. 22d St.*
Social Medicine

JEANETTE R. SIEGEL, A. B. Baltimore 204 *S. Patterson Pk. Av.*
Social Legislation; Delinquency and Probation; Advanced Social Case Work; Conference; Seminary

MARY LAURA SWANSON, A. B. Chetopa, Kan. 1008 *W. Baltimore St.*
History and Development of Social Work; Family Case Work; Health and Preventable Disease; Immigrant Peoples; Delinquency and Probation; Social Statistics; History

CLARISSA LUCRETIA TOWNSEND, A. B. Newton, Mass. 1112 *N. Eutaw St.*
History and Development of Social Work; Family Case Work; Health and Preventable Disease; Immigrant Peoples; Delinquency and Probation; Social Legislation

EMMA MATHILDE WEBER Baltimore 1315 *N. Calvert St.*
Health and Preventable Disease

ALICE H. WHITE — Baltimore — 2402 *N. Charles St.*
Health and Preventable Disease

GRACE MILLER ZIEGLER, A. B. (Mrs.) — Baltimore — 2933 *St. Paul St.*
Immigrant Peoples

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STUDENTS REGISTERED IN 1922-23 TOO LATE FOR INCLUSION IN THE REGISTER FOR THAT YEAR

DOROTHY GERALDINE CROKER — Baltimore — 3803 *Juniper Rd.*
Social Case Work; Social Medicine; Social Law; Community Problems; Dietetics; Political Economy

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IX. ATTENDANTS ON EVENING COURSES IN BUSINESS ECONOMICS

HENRY W. ADAMS	2814 W. North Av.	*Salesmanship*
W. WALLACE ADDISON	1016 N. Monroe St.	*Salesmanship*
W. T. ALBRECHT	340 Augusta Av.	*Business English*
EDWARD D. ALLEN	1113 Calvert St.	*Investments*
N. L. ANDERSON	2112 Walbrook Av.	*Business English*
CARL S. APPEL	301 E. 29th St.	*Credits and Business Barometrics*
AGNES T. ARMSTRONG (Mrs.)	2102 Erdman Av.	*Public Speaking*
J. DENNY ARMSTRONG	2102 Erdman Av.	*Corporation and Cost Accounting; Political Economy*
PHILIP E. ATKINSON	4500 Springdale Av.	*Salesmanship*
JOHN W. BACKER	3729 North Rd.	*Commercial Law*
BANKARD F. BAER	Raspeburg	*Commercial Law*
MILDRED L. BAER	Raspeburg	*Public Speaking*
DANIEL H. BAILEY	1616 Bolton St.	*Business English*
JAMES S. BALLARD	1707 Harlem Av.	*Principles of Business*
WILSON T. BALLARD	Ruxton	*Current Econ. Problems*
THOMAS E. BARRETT, JR.	3007 St. Paul St.	*Current Econ. Problems*
MARY A. BARRY	411 E. Preston St.	*Business English*
PAULINE F. BASS	306 Spalding Av.	*Elementary Accounting*
HAROLD W. BATCHELDER	716 Edgewood St.	*Investments*
CHARLES T. BATTERDEN	1030 Aisquith St.	*Elementary Accounting*
HENRY H. BAUER	744 N. Linwood Av.	*Current Econ. Problems*
MARTIN J. BAYLY	2769 W. North Av.	*Political Economy*
R. W. BEACH, JR.	1815 W. Lafeyette Av.	*Elementary Accounting; Commercial Law*
NORMAN S. BEAN	2107 Poplar Grove St.	*Salesmanship; Business Psychology*
FRANCES E. BECK	1819 Guilford Av.	*Business English*
JOHN A. BECK	2037 Hollins St.	*Credits and Business Barometrics*
FREDA S. BECKER	2028 N. Calvert St.	*Business Psychology*
FRANCIS X. BEES	704 E. 20th St.	*Salesmanship*
ALVIN BEHREND	2809 Elman Av.	*Business English*
CHARLES E. BELZ	1102 Gorsuch Av.	*Commercial Law*
ANITA J. BENGEL	4008 Fernhill Av.	*Political Economy*
JOSEPH M. BENNERS	616 Hopkins Apts.	*Commercial Law; Economic History; Investments*
HARRY BERGER	224 W. Woodland Av.	*Elementary Accounting*

ALLISON M. BERRY	12 E. Read St.	*Investments*
CARROLL BIDDISON	4507 Harford Rd.	*Salesmanship*
SYLVAN ARTHUR BIRKENWALD	2333 Madison Av.	*Commercial Law*
J. F. BIRKMEYER	1920 W. Balto. St.	*Commercial Law*
HENRY I. BITTORF	2219 Elsinor Av.	*Investments*
ALMA R. BLADIN	2711 Hugo Av.	*Suretyship*
OLNITA L. BLASE	3110 Harford Rd.	*Public Speaking*
WILLIAM J. BLOME	3800 Lib'ty Hg'ts Av.	*Commercial Law*
DORIS BLOOMBAUM	1919 Clifton Av.	*Business Enalish*
EDWIN BLUM	2735 Belair Av.	*Corporation and Cost Accounting*
J. D. BLUM	824 Chauncey Av.	*Salesmanship*
VERNON P. BODEIN	1836 N. Chester St.	*Merchant Shipping*
WILLIAM H. BOGGS	337 E. 21st St.	*Business English*
JOHN R. BOLAND	1227 E. Chase St.	*Salesmanship*
YAN TH. BOLGER	Sparrows Point	*Current Econ. Problems; Business English*
WILLIAM G. BOND, JR.	Cockeysville	*Suretyship*
FLORENCE R. BONN	3301 Elgin Av.	*Current Econ. Problems*
PAUL E. BORCHERDING	Bateman Apts.	*Credits and Business Barometrics*
ALVIN J. BORGMAN	Fullerton P. O.	*Political Economy*
HERBERT H. BORLEIS	3408 Leaverton Av.	*Suretyship*
GEORGE H. BOSSLE	995 Arlington Av., Govans	*Corporation and Cost Accounting*
HENRY H. BOWERMAN, JR.	1436 Holbrook St.	*Corporation and Cost Accounting*
GERALD I. BRANDON	3203 Garrison Av.	*Public Speaking*
DUDLEY W. BRANDT	19 Talbot Rd.	*Principles of Business; Public Speaking*
JACK H. BRANDT, JR.	906 St. Paul St.	*Principles of Business*
BERNARD L. BRANNON	1418 Harlem Av.	*Railway Economics and Problems*
FRED G. BREMMER	3028 W. North Av.	*Commercial Law*
MARGARET E. BRENNAN	308 E. 28th St.	*Corporation and Cost Accounting*
CATHERINE BRICKWEDDE	849 W. 35th St.	*Business English*
HORACE D. BRIGSTOCKE	2406 Madison Av.	*Business English*
JOHN K. BRIGSTOCKE	2406 Madison Av.	*Commercial Law*
NAOMI C. BROOKS	1811 N. Broadway	*Suretyship*
THOMAS W. BROOKS	2234 Linden Av.	*Salesmanship*
MINNIE A. BROSS	Y. W. C. A.	*Business English*
CHARLOTTE M. BROWN	4806 York Rd.	*Advertising*
ELIZABETH V. BROWN	2106 N. Charles St.	*Commercial Law*
STUART L. BROWN	1631 Hilton St.	*Investments*
CHARLES W. BROWNE	Forest Court Apts.	*Business Enalish*
HELEN BRULLE	110 E Preston St.	*Business Psychology; Political Economy*

FRED W. BRUNIER, JR.	14 Schley Av.	*Credits and Business Barometrics*
GERALD B. BRYAN	Homewood Apts.	*Adv. Public Speaking*
LUCIUS C. BRYAN	8 Singer Av.	*Salesmanship*
GEORGE M. BUCHER	1815 Madison Av.	*Adv. Public Speaking*
HENRY M. BUCHSBAUM	8 N. Monroe St.	*Investments*
WILLIAM J. BUCK	1129 N. Fulton Av.	*Political Economy*
HELEN S. BUDDO	17 Royal Oak Av.	*Business English*
EDWARD W. BUFFINGTON	3702 Greenway	*Business Psychology*
HENRY A. BUHMAN	4102 Brookline Av.	*Principles of Business; Elementary Accounting*
EMMA D. BURGESS	1608 E. 30th St.	*Business English*
R. W. BURMAN	2125 Denison St.	*Credits and Business Barometrics; Political Economy*
KENNETH E. BURNS	403 Lorraine Av.	*Credits and Business Barometrics*
ROBERT E. BURNS	1708 St. Paul St.	*Elementary Accounting*
HENRY R. BUSCH	1512 N. Caroline St.	*Commercial Law*
THOMAS B. BUTLER	Towson	*Investments*
CHARLES N. BYRN	731 Reservoir St.	*Current Econ. Problems*
MARTIN A. BYRNES	Magnolia	*Business Psychology*
CARMELITE CALLAHAN	2440 Guilford Av.	*Corporation and Cost Accounting*
HENRY H. CALLARD	Gilman Country Sch.	*Business Psychology; Principles of Business*
GEORGE M. CAMPBELL	702 Gladstone Av.	*Salesmanship*
WALTER CAPLES	409 Rosedale Ter.	*Suretyship*
ARTHUR C. CARLTON	1300 St. Paul St.	*Elementary Accounting*
RUTH H. CARMEL	3011 Winfield Av.	*Salesmanship*
JAMES H. CARTER	5017 Belleville Av.	*Principles of Business*
B. CHAMBERS (Miss)	4123 Roland Av.	*Salesmanship*
R. CARSON CHESNEY	100 W. Overlea Av.	*Public Speaking*
R. M. CHESNEY	136 S. Ellwood Av.	*Credits and Business Barometrics*
S. MELVIN CHESNEY	136 S. Ellwood Av.	*Elementary Accounting*
MARY M. CHRISMER	410 Hollen Rd.	*Elementary Accounting; Commercial Law*
J. RAYMOND CLARK	Pikesville	*Political Economy; Commercial Law*
ALBERT D. COCKEY	3933 Cloverhill Rd.	*Business English*
E. V. COGLEY	1202 N. Charles St.	*Commercial Law*
M. COHEN	1805 Moreland Av.	*Credits and Business Barometrics*
ADOLPH D. COHN	Park View Apts.	*Elementary Accounting; Commercial Law*
FRANCIS G. COLE	4401 Walnut Av.	*Investments*
OWEN L. COLLINS	4021 Bateman Av.	*Advertising*

MILDRED H. COLLISON	Mayo	*Suretyship*
LEROY N. COLLMUS	503 Orkney Rd.	*Salesmanship*
J. WELLINGTON COLTON	University Apts.	*Commercial Law*
VERNON W. CONAWAY	4101 Forest Park Av.	*Credits and Business Barometrics*
FLORENCE K. CONSHAFTER	2311 W. Lanvale St.	*Business Psychology*
JULIA A. CONSTANTINE	427 Kenneth Sq.	*Public Speaking*
JOSEPH C. COOK	1105 Pat'son Pk. Av.	*Public Speaking*
WILLIAM COOK	502 E. North Av.	*Public Speaking*
THERON M. COPELAND	2116 St. Paul St.	*Principles of Business; Advertising*
ALLAN K. COPSEY	50 E. 26th St.	*Elementary Accounting*
CHARLES T. CORRIGAN	3158 Elmora Av.	*Credits and Business Barometrics*
GEORGE T. CORRIGAN	Glyndon	*Business English*
DUDLEY P. COTTON	St. George Hotel	*Investments; Salesmanship*
W. RAMSAY COULSON	Cent'l Sav'ngs Bank	*Commercial Law*
K. M. COVINGTON	4924 Denmore Av.	*Commercial Law*
RODNEY L. CRAWFORD	2314 Montgomery Rd.	*Commercial Law*
WADE H. CRESWELL	Raspeburg	*Elementary Accounting*
ELSIE A. CROUT	1102 N. Monroe St.	*Credits and Business Barometrics*
JAMES A. CULLEN	1724 Broadway	*Political Economy*
KENT D. CURRIE	1600 Park Av.	*Advertising*
J. PERCY DAIGER	317 E. 22nd St.	*Advertising*
ROBERT E. DAIGER	317 E. 22nd St.	*Advertising*
JOSEPH DANZA	1606 N. Milton Av.	*Business English*
EMILY DASHIELL	211 W. 29th St.	*Current Econ. Problems*
ERMA H. DAVIS	Lutherville	*Advertising*
NANCY DAVIS	3911 Hawthorne Av.	*Business Psychology*
BARNETT D. DAVIDSON	2607 Allendale Rd.	*Current Econ. Problems*
ROBERT B. DAVIS	100 W. Belvedere Av.	*Elementary Accounting*
BURTON O. DAVISON	1828 E. Lafayette Av.	*Credits and Business Barometrics*
HENRY B. DECKER	G'rison Av. & H'llns St.	*Public Speaking*
WILLIAM C. DECKER	3500 Cedardale Rd.	*Salesmanship*
SELDA D. DEITZ	2252 Brookfield Av.	*Credits and Business Barometrics*
HENRY A. DENKER	Hilton Av. Catsvlle	*Credits and Business Barometrics*
E. R. DESCH	1026 Bennett Pl.	*Commercial Law*
JOHN DESPEAUR	307 S. Chester St.	*Suretyship*
CORTLANDT W. DIETRICH	Raspeburg	*Credits and Business Barometrics*
OTTILIA DIETRICH	810 S. 6th St.	*Credits and Business Barometrics*
CHARLES E. DISHLER	1924 E. Lanvale tS.	*Commercial Law*

C. Walter Donoghue	121 S. Gilmor St.	*Commercial Law*
George W. Dorsey	Linthicum Heights	*Salesmanship*
Cochran Doub	St. Paul School	*Commercial Law*
Joseph T. Downey	1331 Herkimer St.	*Commercial Law*
Helen E. Doyas	141 S. East Av.	*Business English*
Claude R. Dritt	529 Ravenswood Av.	*Commercial Law*
Katherine Dudley	1413 John St.	*Business Psychology*
Robert F. Duer, Jr.	321 University P'kw'y	*Elementary Accounting*
John G. Dunbar	2404 N. Charles St.	*Investments*
Charles W. Eackles	606 N. Ellwood Av.	*Corporation and Cost Accounting*
Catherine M. Ebert	114 W. Franklin St.	*Public Speaking*
Melvin W. Eck	160 N. Ellwood Av.	*Business English*
A. J. Eckenrode	3803 Hamilton Av.	*Elementary Accounting*
Anna Edelstein	1124 S. Charles St.	*Business English*
John G. Eggen	1806 N. Calvert St.	*Political Economy*
N. A. Ellinghaus	3814 Belle Av.	*Business English*
Martin A. Ellingsworth	4914 Laurel Av.	*Commercial Law*
Thomas E. Ellis	1808 Park Av.	*Commercial Law*
Lee R. Ellwood	4212 Harford Ter.	*Elementary Accounting*
Kenneth D. Engle	1919 Kennedy Av.	*Advertising*
William L. Ensor	4115 Belvieu Av.	*Investments*
W. Carl Eppers	826 E. North Av.	*Business Psychology*
T. S. Evans	712 W. North Av.	*Commercial Law*
Jacob B. Fagan	1926 Frederick Av.	*Credits and Business Barometrics*
Mary C. Falconer	1613 Ashburton St.	*Business English*
Norwood B. Falconer	317 University P'kw'y	*Adv. Public Speaking*
James E. Fannon	442 E. 28th St.	*Suretyship*
Edythe E. Farber	1817 E. Fairmount Av.	*Business English*
A. D. Farley	4959 Denmore Av.	*Commercial Law*
Ida A. Fedder	724 Newington Av.	*Business English*
Nathan L. Fedderman	1819 Linden Av.	*Salesmanship*
Mary Feeney	1108 E. Lanvale St.	*Elementary Accounting*
Edgar F. Felder	624 S. Kenwood Av.	*Salesmanship*
Charles R. Fields	2335 McElderry St.	*Elementary Accounting*
Edith M. Fisher	Mt. Washington	*Advertising*
Ruth R. Fisher	Mt. Washington	*Advertising*
G. J. Flanigan	1838 W. North Av.	*Commercial Law*
Edwin M. Fleischman	Esplanade Apts.	*Investments*
Agnes E. Flynn	2708 Huntingdon Av.	*Business English*
Albert F. Forster	111 N. Columbia Av.	*Commercial Law*
George E. Foss	Central Savgs Bank	*Commercial Law*
Daniel M. Fox	1268 E. North Av.	*Salesmanship; Advertising*
Mattie G. Fox	1525 W. Lombard St.	*Business English*

LAWRENCE F. FOX	2719 N. Calvert St.	*Advertising*
CARL C. FRECH	507 Oakland Av.	*Business English*
ALFRED L. FREUD	2116 Brookfield Av.	*Salesmanship*
GERTRUDE D. FRIEDEL	1631 N. Appleton St.	*Business English*
BESSIE FRIEDMAN	2513 Shirley Av.	*Business Psychology*
MARY E. FROHWITTER	3039 Brighton St.	*Business English*
ANDREW E. GABARDINE	3310 E. Lombard St.	*Salesmanship*
H. O. GALE	2904 Walbrook Av.	*Credits and Business Barometrics*
HERBERT GANDEL	3744 Cottage Av.	*Elementary Accounting; Commercial Law*
WILLIAM C. GANTT	300 E. 30th St.	*Principles of Business; Commercial Law*
W. L. GARDINER	3415 Forest Pk. Av.	*Corporation and Cost Accounting*
JAMES D. GARRETT	Woodrow Apts.	*Investments*
ROBERT P. GASTON	2115 Homewood Av.	*Economic History*
WILBUR W. GEIST	1309 Linden Av.	*Salesmanship*
LEO C. GERAGHTY	619 Linnard St.	*Elementary Accounting*
M. LORETTA GERAGHTY	606 Wyanoke Av.	*Business English*
IDA M. GETTEMULLER	3112 Harford Rd.	*Public Speaking*
ADAM J. GEYER	1322 N. Caroline St.	*Principles of Business*
FREDERICK GEYER	1518 Bolton St.	*Salesmanship*
LILLIE M. GEYER	1708 E. Chase St.	*Principles of Business*
OSCAR R. GIES	Catonsville	*Commercial Law*
WILLIAM H. GIESE	Ridgely & Rusk Avs.	*Credits and Business Barometrics*
WILLIAM A. GISSEL	1930 Hanover St.	*Credits and Business Barometrics*
RAYMOND M. GLACKEN	2443 N. Charles St.	*Advertising*
GEORGE P. GLEISNER	7 N. Magnolia Av.	*Corporation and Cost Accounting*
HARRY M. GRAFTON	3400 Fairview Av.	*Current Econ. Problems*
REGINA GRAHAM	912 E. Biddle St.	*Adv. Public Speaking*
EDWIN BERNARD GREEN	2309 Maryland Av.	*Current Econ. Problems*
J. EDWARD GREEN	7 West 27th St.	*Corporation and Cost Accounting*
JOSEPH P. GREEN	5023 St. Georges Av.	*Salesmanship*
ROSE GREENBLATT	1100 Whitelock St.	*Elementary Accounting*
G. MITCHELL GRIFFITH	6002 York Road	*Credits and Business Barometrics*
L. O. GROVES	4016 Brookline Av.	*Business English*
W. J. GUERIN	Cons. Gas & Elec. Co.	*Commercial Law*
J. BROOKE GUNNING	2022 Robb St.	*Salesmanship*
JOHN H. GUNTHER	Arbutus	*Salesmanship*
HENRY GUTSMUTH, JR.	227 S. Ellwood Av.	*Elementary Accounting*
MILFORD I. GUYTON	504 Ravenswood Av.	*Commercial Law*
ALEXANDER HACK	2810 Rockrose Av.	*Economic History*

DOROTHY HACKET	1110 N. Eutaw St.	*Investments*
HARRY H. HAHN	3128 Harford Av.	*Political Economy*
MARGARET A. HAMILTON	2410 N. Calvert St.	*Suretyship*
HERMAN E. HAMMAN	W. Franklin Av.	*Commercial Law*
E. J. HAMMOND	414 E. 22nd St.	*Commercial Law*
H. F. HANN	3014 Tyndale Av.	*Commercial Law*
C. T. HARDEN	2510 Ashton St.	*Commercial Law*
JOHN W. HARDESTY	1831 Edmondson Av.	*Commercial Law; Business Psychology; Elementary Accounting*
MARY S. HARRISON	2737 St. Paul St.	*Political Economy*
WILLARD HARTMAN	1111 N. Caroline St.	*Adv. Public Speaking*
LORETTA HASENKAMP	2708 Elsinor Av.	*Public Speaking*
ALEX C. HASKELL	602 E. Randall St.	*Salesmanship*
LEO HASLBECK	41 Rosekemp Av.	*Corporation and Cost Accounting*
JOHN HASLING	O'Donnell & 11th Sts.	*Public Speaking*
CARROLL HARTMAN HAUSE	439 Evesham Av.	*Business English*
J. TRIPLETT HAXALL, JR.	1037 St. Paul St.	*Salesmanship; Investments*
JOEL L. HAYES	Halethorpe	*Commercial Law*
FREDERICK H. N. HEEMANN	Hamilton	*Adv. Public Speaking*
L. A. HEINZENBERGER	1505 Ellamont St.	*Salesmanship*
FRANK M. HERRING	619 Grantley St.	*Business English*
CHARLES E. HERGERT	1409 W. Lanvale St.	*Business English*
ADA W. HERRMANN	142 Overland Av.	*Elementary Accounting*
CARROLL F. HERWIG	1773 Homestead St.	*Suretyship*
J. EDWARD HEWES	Glyndon	*Commercial Law*
GEORGE L. HEWITT	768 W. Cross St.	*Public Speaking*
JAMES B. HIGGINS	710 St. Paul St.	*Business Psychology; Political Economy*
LUTHER P. HIMLER	1608 E. 29th St.	*Investments*
LEONARD K. HIRSHBERG, JR.	1937 Madison Av.	*Salesmanship*
JOSEPH R. HIRSCHMANN	1708 Eutaw Pl.	*Advertising*
EARL R. HITCHCOCK	2121 Madison Av.	*Corporation and Cost Accounting*
CONWAY S. HODGES	615 Park Av.	*Business Psychology*
CHARLES E. HOFFMAN	Catonsville	*Credits and Business Barometrics*
H. LEE HOFFMAN	Catonsville	*Advertising*
MARGARET E. HOLLIDAY	327 E. North Av.	*Public Speaking*
GUY T. O. HOLLYDAY	Swann & Edmondson Avs.	*Investments*
RICHARD C. HOPKINS	803 W. 35th St.	*Elementary Accounting*
CARROLL S. HOOD	838 Park Av.	*Political Economy*
C. EARLE HOOPER	1609 W. Fayette St.	*Commercial Law*
EDNA I. HORN	609 Park Av.	*Business English; Public Speaking*

JOHN H. HORST	6210 Walnut Av.	*Investments*
MARY F. HOUSE	3816 Gwynn Oak Av.	*Public Speaking*
HOU-KI HU	310 W. Monument St.	*Current Econ. Problems*
JOSEPH R. HUDSON	28 Bayonne Av.	*Public Speaking*
LAWRENCE W. HUDSON	2702 W. Fairm'nt Av.	*Elementary Accounting; Commercial Law*
HOWARD A. HUGHES	2714 N. Calvert St.	*Principles of Business; Political Economy*
G. R. HYDE	Evesham Av., Govans	*Salesmanship*
HARRY Z. ISAACS	2314 Mt. Royal Av.	*Investments*
C. R. JACKSON	605 E. 37th St.	*Commercial Law*
HOWARD C. JACOBS	1259 William St.	*Elementary Accounting*
LOTTA H. JANOWITZ	1737 Eastern Av.	*Business Psychology*
MICHAEL A. JAWORSKI	2801 O'Donnell St.	*Business English*
SAMUEL P. JEPPI	411 S. Sharp St.	*Commercial Law; Investments*
CARL E. JOHNSON	Sparrows Point	*Elementary Accounting*
EMMA E. JOHNSON	1914 N. Charles St.	*Business English*
JOHN F. JOHNSON	506 Ch'tnut Hill La.	*Business English*
WILLIAM W. JOHNSON	2017 E. North Av.	*Elementary Accounting; Commercial Law*
MINOR C. K. JONES	Mt. Washington	*Merchant Shipping; Commercial Law; Elementary Accounting*
SALLIE E. JONES	Owings Mills	*Political Economy*
VIOLA F. JOYCE	1701 N. Bond St.	*Business Psychology*
JACOB KADLICK	1619 Moreland Av.	*Elementary Accounting; Commercial Law*
ANNE M. KALL	3810 Woodbine Av.	*Public-Speaking*
W. E. KATENKAMP	4006 Edmondson Av.	*Investments*
MILDRED LEE KATHE	2018 N. Fulton Av.	*Credits and Business Barometrics*
BENJAMIN J. KATZNER	2322 Eutaw Pl.	*Business English*
MALCOLM G. KEECH	2425 N. Calvert St.	*Commercial Law*
J. ADREON KELLER	3021 St. Paul St.	*Economic History*
BENJAMIN F. KENNEY	3516 Clifton Av.	*Credits and Business Barometrics*
JAMES W. KENNY	3947 Canterbury Rd.	*Political Economy*
HARRY W. KERBER	Dundalk	*Commercial Law*
C. CROMWELL KESSLER, JR.	Adamstown	*Suretyship*
BALDWIN KETURRAH	698 Gladstone Av.	*Advertising*
ARMIN R. KEUCHEN	3609 Springdale Av.	*Commercial Law*
GERARD J. KIEL	947 Bennett Pl.	*Commercial Law*
PIERRE KIEL	947 Bennett Pl.	*Commercial Law*
SAMUEL P. KILBOURNE	1421 W. Saratoga St.	*Investments*
LOREN P. KIRKLAND	1122 N. Charles St.	*Political Economy*
RAYMOND D. KITTINGER	2320 E. Balto. St.	*Political Economy*
LOUIS N. KLAVANS	2915 Ulman Av.	*Salesmanship*

ELMORE J. KLEEMAN	2813 W. North Av.	*Commercial Law*
DANIEL E. KLEIN	3816 Barrington Rd.	*Investments*
CARROLL S. KLINGELHOFER	Towson	*Credits and Business Barometrics*
WILLIAM A. KOEGEL	1710 Johnson St.	*Credits and Business Barometrics*
HARRY KOESTER, JR.	Montebello Park	*Elementary Accounting*
AMOS A. KORB	Sherbrook Av.	*Credits and Business Barometrics*
HARRY KRATZ	3415 Copley Rd.	*Credits and Business Barometrics; Commercial Law*
ROGER R. KRAUK	1533 Poplar Grove St.	*Public Speaking*
JOSEPH F. H. KRAUS	1924 Ridgewood Av.	*Commercial Law*
DOROTHEA KRAUSZ	3602 Norwood Av.	*Public-Speaking*
EMILIE W. KREISEL	1049 N. Broadway	*Credits and Business Barometrics*
WALTER J. KRIEGER	1048 Harford Av.	*Elementary Accounting; Commercial Law*
CHARLES H. KRONEBERGER	3607 Springdale Av.	*Adv. Public Speaking*
HARRY J. KRUG	2405 E. Madison St.	*Elementary Accounting*
OTTO KRUSE	2754 Harlem Av.	*Corporation and Cost Accounting*
MARY V. KURTZ	820 N. Stricker St.	*Advertising*
KONRAD KVIDING	506 Hollen Rd.	*Corporation and Cost Accounting*
CONRAD LANG	339 S. Bentalou St.	*Elementary Accounting*
WILLIS L. LANGFORD	711 Hayward Av.	*Commercial Law*
CARL J. LANGHIRT	1338 N. Luzerne St.	*Elementary Accounting*
HERBERT L. LANGRALL	613-14 American Bldg	*Credits and Business Barometrics*
EUGENE A. LANNON	604 Arlington Av., Govans	*Commercial Law*
ETHEL A. LANSING	1552 N. Fulton Av.	*Business English*
DOROTHY A. LAUTERBACH	Reisterstown	*Elementary Accounting; Business English*
KENNETH W. LAUTENBACH	2325 W. Lanvale St.	*Public Speaking*
BERNARD S. LAZARUS	Lake Drive Apts.	*Salesmanship*
ESTHER LAZARUS	2131 Callow Av.	*Political Economy*
IZETTA McC. LEIGHT	4255 Pk. Hghts. Av.	*Business English*
E. MORGAN LEISTER	1010 Warwick Av.	*Public Speaking*
JOHN W. LEONARD	2526 E. Fayette St.	*Business English*
MILDRED A. LEONARD	2925 St. Paul St.	*Elementary Accounting*
ANNA E. LEUSCHNER	4500 Loretto Av.	*Business English*
JOHN H. LEWIN	3004 N. Calvert St.	*Elementary Accounting*
CHARLES W. LEWIS	122 W. Woodland Av.	*Commercial Law*
RUTH E. LEWIS	2721 Parkwood Av.	*Political Economy*
IRWIN LICHTER	2120 Brookfield Av.	*Public Speaking*
LANDY L. LINSTID	617 Appleton St.	*Principles of Business; Salesmanship*

HARRY E. LINTON	141 Randall St.	*Political Economy*
W. R. LOVE	Hamilton	*Commercial Law*
LEROY H. LOWENTHAL	Riviera Apts.	*Commercial Law*
WILLIAM J. MABEN	4 E. Hamilton Av.	*Current Econ. Problems*
ROBERT G. MACCUBIN	1414 N. Broadway	*Elementary Accounting*
LEE C. MACHEN	1104 N. Fulton Av.	*Elementary Accounting*
CHARLES B. MAGRUDER	2632 Loyola S'thway	*Public Speaking*
JOHN A. MAGUIRE	2330 Reisterstown Rd.	*Corporation and Cost Accounting*
ELIZABETH MANN	3017 Clifton Av.	*Political Economy*
JAMES R. MANNING	Poplar Hill Rd.	*Current Econ. Problems*
DOUGLAS B. MANSUR	2018 W. Saratoga St.	*Elementary Accounting; Commercial Law*
IRMA E. MARKLEY	15 W. Hamilton Av.	*Business English*
ROLAND E. MARKLEY	11 Willax St.	*Salesmanship*
JOHN E. MARSHALL	1207 Poplar Grove St.	*Credits and Business Barometrics*
VERNON L. MARSHALL	1227 N. Pat'son Pk Av.	*Political Economy; Commercial Law*
L. RICHARD MATTHEWS	1021 Appleton St.	*Political Economy; Commercial Law*
JULIUS G. MAURER	3702 Wilkens Av.	*Political Economy; Public Speaking*
CHARLES L. MCBRIDE	1513 Hanover St.	*Credits and Business Barometrics*
THELMA MCCLEARY	3103 Pennsylvania Av.	*Business English*
J. L. MCEVOY	1326 Aisquith St.	*Elementary Accounting; Commercial Law*
JOSEPH H. MCGOWAN	1827 Edmondson Av.	*Business English*
DOUGLASS A. MCKAY	3004 Presbury St.	*Railway Economics and Problems; Political Economy*
MARGARET D. MCKAY	11 Cedar St.	*Public Speaking*
EDWARD M. MCKEWEN	Woodbourne & Pratt Avs.	*Commercial Law*
EVELYN H. MCKINLEY	4 St. Paul St.	*Advertising*
PHILIP S. MCLAUGHLIN	3800 Egerton Rd.	*Suretyship*
ROBERT F. MCLELLAN	3029 Windsor Av.	*Salesmanship; Advertising*
HAROLD W. MCQUOID	2570 Druid Pk. Drive	*Political Economy*
E. Y. MEARS	24 E. Preston St.	*Political Economy*
R. SHEDRICK MEEK	2132 N. Calvert St.	*Suretyship*
E. MAE MEETH	603 Wellesley St.	*Adv. Public Speaking*
EINAR P. MERLEES	2026 Park Av.	*Elementary Accounting; Business English; Merchant Shipping*
RANDOLPH S. MERRITT	Windsor Court Apts.	*Salesmanship*
ANDREW T. MERSHON	1617 Montpelier St.	*Investments*
A. E. MEYER	Catonsville	*Commercial Law*

WILLARD A. MILBURN	Gwynnwood Apts.	*Business English; Public Speaking*
ARTHUR N. MILLER	Nat'l Exchange Bk.	*Commercial Law*
EVE L. MILLER	2217 Brookfield Av.	*Public Speaking*
MAURICE H. MILLER	1811 N. Appleton St.	*Public Speaking; Advertising*
M. LOUISE MILLER	1820 W. Mulberry St.	*Political Economy*
RUTH G. MILLER	363 N. Calvert St.	*Salesmanship; Advertising*
WILLIAM K. MILLER	3918 Norfolk Av.	*Current Econ. Problems*
ROBERT MITCHELL	Gardenville	*Advertising*
CHARLES F. MOERSCHEL	Gardenville	*Advertising*
EUGENE MONFALCONE	1010 N. Pat'son Pk. Av.	*Business English*
GRACE E. MOORE	106 E. Wylie Av.	*Business English*
M. W. MOORE	2113 Maryland Av.	*Advertising*
ROBERT C. MORRILL	2725 Winchester St.	*Elementary Accounting*
EDWARD J. MORRIS	535 N. Carey St.	*Merchant Shipping*
M. ADELE MORRIS	2145 Huntingdon Av.	*Business English*
WILLIAM S. MORSELL, JR.	Bowen	*Suretyship*
MARION M. MORTON	516 N. Arlington Av.	*Advertising*
RUTH MOYER	100 Rosalind Av.	*Political Economy*
MELVIN J. MUHLY	4311 Maine Av.	*Commercial Law*
MARY C. MURPHY	627 Cumberland St.	*Business English; Public Speaking*
THOMAS A. MURPHY, JR.	Relay	*Salesmanship*
FRANCIS K. MURRAY	Elkridge	*Suretyship*
G. W. MURRAY	Lake Drive Apts.	*Public Speaking*
DANIEL M. MUTH	4914 Laurel Av.	*Business English*
ELKAN H. MYERS	Park Heights Av.	*Investments*
CAROLINE H. NAPFEL	315 Augusta Av.	*Elementary Accounting*
JEROME H. NARUNSKY	3716 Springdale Av.	*Political Economy*
LAWRENCE NASTVOGEL	3508 Old York Rd.	*Elementary Accounting*
ANNA B. NAU	745 N. Chester St.	*Suretyship*
CHARLES F. NAUMANN	3924 Fait Av.	*Credits and Business Barometrics*
JAMES S. NEALE, JR.	2326 N. Charles St.	*Political Economy; Salesmanship*
CARROLL T. NELSON	1947 Penrose Av.	*Salesmanship*
ELMER A. NEUBAUER	232 N. Payson St.	*Public Speaking*
ERNEST T. NEWELL	3433 Mondawmin Av.	*Public Speaking*
KATTIE NEY	2113 Brookfield Av.	*Advertising*
DUDLEY F. NICHOLSON	301 W. Lanvale St.	*Political Economy*
ROBERT W. NICOLLS	22 E. 25th St.	*Salesmanship; Investments*
J. M. NOAKES	Park and Euclid Avs.	*Commercial Law*
ALBERT E. NONEMAKER	1743 E. Lafayette Av.	*Principles of Business*
F. LEE NORMINE	322 E. North Av.	*Investments*
LYELL B. NORRIS	2623 Barclay St.	*Advertising*
VICTOR J. NORRIS	1430 Riverside Av.	*Merchant Shipping; Business English*

RANDOLPH NORWOOD	13 Lawina Rd.	*Advertising*
MAURICE NOTKIN	2539 McCulloh St.	*Commercial Law*
FLORENCE J. NUGENT	100 Augusta Av.	*Elementary Accounting*
J. JULIAN NUGENT	2510 N. Charles St.	*Business English*
WILLIAM J. NUGENT	1309 Harlem Av.	*Business English*
JOHN F. O'CALLAGHAN	5 Newton Av., Arlington	*Corporation and Cost Accounting*
JOSEPH O'CONNELL	1421 Hollins St.	*Business English*
J. B. O'CONNOR	1113 Ensor St.	*Elementary Accounting; Commercial Law*
R. PAGE O'CONNOR	University Apts.	*Investments*
S. HOWARD OLER, JR.	Swan & Edm'ns'n Av.	*Commercial Law*
SEYMOUR OPPENHEIMER	Johns Hopkins Univ.	*Elementary Accounting*
JACK McJ. ORNDORFF	321 Wyman Pk. Drive	*Suretyship*
JOSEPH F. OTENASEK	802 N. Glover St.	*Elementary Accounting; Commercial Law*
J. RICHARD OTEY	3400 Fairview Av.	*Commercial Law*
T. STEPHEN OURSLER	2203 Guilford Av.	*Commercial Law*
WILLIAM G. PACKARD	914 N. Charles St.	*Current Econ. Problems*
CAROLYN L. PARKER	876 Washington Blvd.	*Business English*
H. D. PARKER	528 N. Carey St.	*Elementary Accounting; Commercial Law; Business English*
C. L. PARSONS, JR.	2828 N. Calvert St.	*Elementary Accounting; Commercial Law*
WILLIAM M. PASSANO	Towson	*Business Psychology; Elementary Accounting*
ROBERT O. PASTERFIELD	507 N. Lakewood Av.	*Public Speaking*
CHARLES B. PATTINSON	526 N. Fulton Av.	*Advertising*
G. CLYDE PEREGOY	3639 Elm Av.	*Commercial Law*
MARGARET G. PERRY	1137 N. Fulton Av.	*Current Econ. Problems*
HELEN PHILLIPS	Y. W. C. A.	*Suretyship*
CHARLES H. PINKERTON	2901 Overland Av.	*Political Economy*
JOSEPH L. PLACHT	1101 E. Preston St.	*Commercial Law*
ETHEL PLACK	Towson	*Business English*
JOSEPH C. PLEINES	133 N. Streeper St.	*Principles of Business*
B. RANDOLPH POTTER	3961 Greenmount Av.	*Investments*
LEWIS E. PRATT	1928 E. 28th St.	*Commercial Law*
HAROLD H. PRISSMAN	2301 Callow Av.	*Business English*
CARL T. PRITCHETT	1020 Edmondson Av.	*Credits and Business Barometrics*
WALTER J. PUGH	1203 W. Lanvale St.	*Salesmanship*
CHARLES M. QUARTLEY	2113 Callow Av.	*Business Psychology*
ROBERT L. RANDOLPH	Baltimore Club	*Investments*
M. RANNEBERGER	2008 E. 30th St.	*Commercial Law*
LESLIE RAWLS	1725 Park Av.	*Commercial Law*
MICHAEL K. RAY	302 S. Collington Av.	*Corporation and Cost Accounting*
ARTHUR REICHETT, JR.	1701 Lansing Av.	*Suretyship*

HOWARD E. REIN	2120 Chelsea Ter.	*Commercial Law*
ELMER H. REINHARDT	3401 Cedardale Rd.	*Commercial Law; Public Speaking*
STANLEY J. REYNOLDS	1610 Linden Av.	*Political Economy*
EDWARD A. RHEB	Relay	*Political Economy*
MILDRED N. RICHARDSON	15 E. 21st St.	*Business English*
ELIZABETH A. RIDER	2218 Wilkens Av.	*Business English*
IRA RIGGES	1907 Clifton Av.	*Elementary Accounting*
LIPMAN RINBAUM	1405 Gough St.	*Salesmanship*
CHARLES E. RIORDAN	1301 Mt. Royal Av.	*Salesmanship*
HENRY C. RIX	623 N. Montford Av.	*Elementary Accounting*
PEARL R. ROBINSON	Normandie Apts.	*Elementary Accounting*
THELMA M. ROBINSON	Normandie Apts.	*Suretyship*
JOSEPHINE C. ROCHLITZ	2804 Philadelphia Av.	*Public Speaking*
JOHN RODMAN	1123 Wash'gton Blvd.	*Commercial Law*
JOHN A. ROHRER	3621 Lib'ty Hghts. Av.	*Commercial Law*
BENJAMIN T. ROME	3617 Springdale Av.	*Principles of Business*
SYLVAN ROSENSTEIN	3701 Edgerton Rd.	*Credits and Business Barometrics*
SAMUEL ROSENSTOCK	701 Cumberland St.	*Business Psychology*
ALMA S. ROTHHOLZ	2108 Bolton St.	*Investments*
EARLE B. RULAND	144 Belvedere Av.	*Salesmanship*
SELMA RULE	643 E. 29th St.	*Business English*
EVELYN RUNGE	4604 James Av.	*Business English*
EDMUND L. RUNGE	4101 Maplewood Rd.	*Commercial Law*
FRANK J. SACHA	510 N. Chester St.	*Business English*
WILLIAM L. SACKS	3726 Towanda Av.	*Public Speaking*
KATHERINE SAGAL	1815 Linden Av.	*Business Psychology*
ZENA SAGAL	1815 Linden Av.	*Business Psychology*
JOHN J. SCALLY	1036 Aisquith St.	*Commercial Law*
J. RIDGELY SCHAEFER	4106 Penhurst Av.	*Commercial Law*
JACOB SCHEINMAN	3912 Reisterstown Rd.	*Principles of Business*
MORGAN R. SCHERMERHORN, Jr.	Catonsville	*Elementary Accounting*
ANNA SCHMIDT	2516 E. Baltimore St.	*Current Econ. Problems*
EDWARD J. SCHMIDT	Bengies	*Corporation and Cost Accounting*
JOHN E. SCHMIDT	1518 N. Pat'son Pk. Av.	*Elementary Accounting*
LILLY SCHMIDT	2516 E. Baltimore St.	*Current Econ. Problems*
L. E. SCHMITT	111 McMechen St.	*Public Speaking; Salesmanship*
HARRY J. SCHNEIDER	Hamilton	*Commercial Law*
CHARLES M. SCHROTER	1521 Rutland Av.	*Investments; Commercial Law*
ALICE A. SCHUBERT	Pikesville	*Business Psychology*
FLORENCE H. SCHUBERT	Pikesville	*Business Psychology; Business English*
HARRY L. SCHUTZ	1926 E. 21st St.	*Business English*
DORA SCHULZ	1033 W. Lanvale St.	*Elementary Accounting; Commercial Law*

ELSIE E. SCHULZE	2011 E. 20th St.	*Business English*
HENRY SCHUTZ	Hamilton	*Political Economy*
R. ADELE SEITZ	11 W. Echodale Av.	*Political Economy*
WILLIAM J. SEWARD	Overlea	*Current Econ. Problems*
GEORGE L. SHAW	1818 W. Baltimore St.	*Current Econ. Problems*
MARGARET SHENTON	1811 W. Lombard St.	*Business English*
RICHARD C. SHERIDAN	Mt. Washington	*Advertising*
WALTER H. SIEBERT	3211 Elmora Av.	*Corporation and Cost Accounting*
LILA C. SIGWALD	2809 Riggs Av.	*Public Speaking*
R. M. SIGWALD	2809 Riggs Av.	*Public Speaking*
JOHN F. SILBERNAGEL, JR.	2311 Edmondson Av.	*Economic History; Investments*
LOUISE SILBERT	2309 McCulloh St.	*Public Speaking*
NANNETTE SILBERT	2309 McCulloh St.	*Principles of Business; Commercial Law; Public Speaking; Business Psychology; Elementary Accounting*
MINNIE E. SIMMS	2133 E. Preston St.	*Suretyship*
D. H. SIMS	2120 St. Paul St..	*Business English*
GEORGE P. SIMPSON (Miss)	3633 Lib'ty Hghts Av.	*Public Speaking*
ROBERT S. SKINNER	301 Roland Av.	*Investments; Elementary Accounting*
THEO. S. SKRZYNSKI	515 S. Wash'gton St.	*Elementary Accounting*
MAUDE M. SLACK	2524 Guilford Av.	*Investments*
LAWRENCE SMALL	3316 Chestnut Av.	*Elementary Accounting*
DWIGHT L. SMITH	2905 St. Paul St.	*Elementary Accounting; Investments; Business English*
G. L. SMITH	118 Cedar Av.	*Elementary Accounting; Commercial Law*
HELEN G. SMITH	311 E. 30th St.	*Corporation and Cost Accounting*
RALPH O. SMITH	4401 Fernhill Av.	*Business English*
W. D. SNYDER	1508 Henry St.	*Elementary Accounting; Commercial Law*
ANDREW C. SOEDER	4 N. Monroe St.	*Suretyship*
EDWARD B. SONNEBORN	2239 Linden Av.	*Business English*
GUSTAV SPATH	4916 Tioga Av.. Govans	*Railway Economics and Problems; Political Economy*
ALEXANDER W. SPEDDEN, JR.	1002 Brantly Av.	*Political Economy; Public Speaking*
JOHN A. SPITTEL	2745 Maryland Av.	*Business English*
LUDWIG A. STAIB, JR.	1663 W. North Av.	*Suretyship*
HENRY D. STANSBURY	1814 St. Paul St.	*Commercial Law*
WILLIAM E. STANSBURY	306 Cedarcroft Rd.	*Business English*
THERESA M. STARACE	1214 N. Eden St.	*Business English*
NEVETT STEELE	Garrison P. O.	*Political Economy*

JAMES K. STEUART	Ten Hills	*Political Economy*
J. WILMER STEVENS	Overlea	*Adv. Public Speaking*
REBA J. STOCKSDALE	106 E. Wylie Av.	*Business English*
AUGUST F. STOEBENER	1601 John St.	*Suretyship*
FREDERICK P. STORM	706 W. North Av.	*Principles of Business; Elementary Accounting*
CARL R. STRANGMANN	2610 N. Calvert St.	*Elementary Accounting*
WILLIAM R. STRAUS	1812 Eutaw Pl.	*Principles of Business*
GUSTAV A. STROTT	1014 Druid Hill Av.	*Principles of Business*
SAMUEL S. STROUSE	Marlborough Apts.	*Elementary Accounting; Commercial Law*
FREDERICK R. STROW	3909 Gwynns Falls Parkway	*Principles of Business*
WILLIAM R. STUARD		*Commercial Law*
LAWRENCE P. SULLIVAN	1711 Guilford Av.	*Salesmanship*
CLINTON C. SUTTON	1820 N. Caroline St.	*Political Economy; Commercial Law*
FRANKLIN W. SUTTON	1735 Bolton St.	*Commercial Law*
CARROLL SWANN	205 W. North Av.	*Business Psychology; Business English; Public Speaking*
ROBERT L. TAYLOR, JR.	2136 Mt. Holly St.	*Commercial Law*
THOMAS N. TAYLOR, JR.	3405 Elgin Av.	*Business Psychology*
WILLIAM J. TAYLOR	708 McKinley St.	*Current Econ. Problems*
ROSS J. THALHEIMER	Riviera Apts.	*Business Psychology*
PAUL B. THOMAS (MRS.)	903 Cathedral St.	*Current Econ. Problems*
PAUL B. THOMAS	903 Cathedral St.	*Current Econ. Problems*
COULTER MCK. THOMPSON	410 E. 27th St.	*Elementary Accounting*
JAMES W. THURSTAN	907 N. Charles St.	*Suretyship*
LAWRENCE F. TIEMAN	1761 E. North Av.	*Business English*
A. LEE TIPTON	Y. M. C. A.	*Elementary Accounting; Business Psychology*
A. HOWARD TONGUE	2424 N. Calvert St.	*Current Econ. Problems; Investments*
WILLIAM L. TOWNER	2400 Elsinor Av.	*Advertising*
GWENDOLYN TOWNSEND	Poplar Hill	*Political Economy; Commercial Law*
SYLVAN TRAUB	2140 Brookfield Av.	*Advertising*
WILLIAM M. TRAVERS	3505 Calloway Av.	*Political Economy*
BRISON C. TUCKER	3440 Auchentoroly Ter.	*Commercial Law*
ERNEST UEBERSAX	1601 N. Montford Av.	*Corporation and Cost Accounting*
FRANCIS V. ULRICH	4114 Fernhill Av.	*Elementary Accounting*
HARRY W. USILTON	Y. M. C. A.	*Salesmanship*
EUGENE VANNESS	1515 Park Av.	*Salesmanship*
WILBURT H. VESTER	1763 Montpelier St.	*Business Psychology*
ADELAIDE R. VINSON	517 N. Arlington Av.	*Elementary Accounting*
CHARLES C. WACKER	Rognel Heights	*Commercial Law*
G. E. WAGNER	1234 E. Preston St.	*Elementary Accounting; Commercial Law*

J. CALVIN WAGNER	3038 St. Paul St.	*Advertising*
LAWRENCE K. WAGNER	3038 St. Paul St.	*Elementary Accounting*
J. TRUITT WAIDNER	2922 St. Paul St	*Investments*
ROBERT R. WALDEN	Fullerton	*Business English*
UTHMAN WALKER	3510 Cedardale Rd.	*Public Speaking*
EDMUND B. WARD	1418 N. Bond St.	*Business Psychology; Principles of Business*
MARY A. WARD	1904 W. Mulberry St.	*Business English*
T. E. WARD	526 N. Calhoun St.	*Elementary Accounting*
STEWART WARNKEN	Linthicum Heights	*Current Econ. Problems*
JOSEPH WASE	1219 St. Mathew St.	*Corporation and Cost Accounting; Political Economy*
IRVING T. WATSON	13 E. Fort Av.	*Elementary Accounting*
PAUL O. WATTS	31 Talbot Rd.	*Salesmanship*
CLOYD S. WEAVER	338 Rosebank Av., Govans	*Elementary Accounting; Commercial Law*
C. ASBURY WEBER	515 Rose Hill Ter.	*Business English*
EMMA M. WEBER	1315 N. Calvert St.	*Current Econ. Problems*
HENRY W. WEBSTER	626 N. Broadway	*Commercial Law*
BERNARD J. WEIGMAN	914 Bennet Pl.	*Credits and Business Barometrics*
MARIE WERMANN	508 E. 42d St.	*Corporation and Cost Accounting*
MIRIAN G. WESLEY	Montebello Park	*Public Speaking*
DELIA M. WESSELMAN	North Bend Rd.	*Suretyship*
JOHN K. WESTERMAN	31 W. Hamilton Av.	*Business English*
LUTHER WESTERMAN	632 Melville Av.	*Business English*
JOHN E. WEYER	2655 Edmondson Av.	*Commercial Law*
WILLIAM S. WEYER	2655 Edmondson Av.	*Commercial Law*
EDITH B. WHITE	2138 Harford Av.	*Credits and Business Barometrics*
JOHN D. WHITE	424 N. Carey St.	*Elementary Accounting*
PAUL E. WHITE	2924 Walbrook Av.	*Salesmanship*
JOHN H. WHITELEY	Y. M. C. A.	*Credits and Business Barometrics*
DOROTHY D. WHITING	1603 John St.	*Adv. Public Speaking; Salesmanship*
EDITH M. WIEST	136 N. Luzerne St.	*Business English*
P. R. WIGGINS	427 E. 22d St.	*Commercial Law*
STANLEY A. WILLER	2309 Allendale Rd.	*Current Econ. Problems*
EDWARD S. WILLIAMS	2615 Oswego Av.	*Elementary Accounting*
ISABELLA N. WILLIAMS	Halethorpe	*Investments*
ROBERT L. WILLIAMS	29 E. Mt. Vernon Pl.	*Commercial Law*
ROGER B. WILLIAMS	17 W. Mulberry St.	*Elementary Accounting*
WILLIAM R. WILLIAMS	2122 N. Charles St.	*Political Economy*
FRANK WILSON	Catonsville	*Credits and Business Barometrics*
G. F. WILSON	Regis Apts.	*Elementary Accounting*
GEORGE WILTON	2754 Riggs Av.	*Suretyship*

JOHN P. WINZER	806 S. Linwood Av.	*Elementary Accounting*
VINCENT C. WITTMER	1822 E. Baltimore St.	*Business Psychology*
GERTRUDE WOLFF	2442 Maryland Av.	*Current Econ. Problems*
EDWARD WOLFSHEIMER	528 E. 38th St.	*Elementary Accounting*
JOHN WOMACK	1511 Munsey Bldg.	*Credits and Business Barometrics*
CLIFTON P. WRIGHT	2806 Parkview Ter.	*Principles of Business*
JOHN WROTEN	O'Donnel & 11th Sts.	*Public Speaking*
JOSEPH R. WUNDERLICH	1009 N. Bond St.	*Credits and Business Barometrics*
JOHN C. YAGLE	3018 Belmont Av.	*Credits and Business Barometrics*
ROBERT L. YEAGER	2905 St. Paul St.	*Corporation and Cost Accounting; Investments*
THOMAS S. YINGLING	720 N. Collington Av.	*Corporation and Cost Accounting*
VAN IDEN ZEILER	Y. M. C. A.	*Commercial Law*
ADOLPH W. ZIEGLER	Woodlawn	*Merchant Shipping*
ABRAHAM I. ZIMMERMAN	2103 Westwood Av.	*Public Speaking*
DORIS ZUBIN	2217 Brookfield Av.	*Public Speaking*
EDWARD C. ZULAUF	2835 Alameda Blvd.	*Salesmanship*

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STUDENTS REGISTERING IN 1922-23 TOO LATE FOR INCLUSION IN THE REGISTER FOR THAT YEAR

THOMAS E. BARRETT	3007 St. Paul St.	*Public Speaking*
GEORGE M. BUCHER	1815 Madison Av.	*Public Speaking*
W. J. BUCK	1129 N. Fulton Av.	*Corporation Finance*
ARTHUR R. WYATT	Reisterstown	*Corporation Finance*

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X. ATTENDANTS ON NIGHT COURSES FOR TECHNICAL WORKERS

MATHEMATICS 1–N

(*Plane Trigonometry; Elements of Calculus*)

PHILIP E. APPEL	1627 E. 32d St.	*Bethlehem Steel Co.*
WILLIAM K. BANES	319 E. 24th St.	*Ditch, Bowers & Taylor*
MICHAEL BANDORSKI	320 S. Collington Av.	*Maryland Drydock Co.*
JOSEPH F. BAUTZ, JR.	Lauraville	*Balt. & Ohio R. R.*
WILLIAM J. BOHMER	405 N. Kenwood Av.	*State Roads Comm.*
CHARLES E. CRESWELL	Raspeburg	*C. & P. Telephone Co.*
KENNETH S. CUNNINGHAM	2114 N. Charles St.	*Westinghouse Elec. Co.*
FRANK P. DOORY	508 Cording Av.	*Cons. Gas & Elec. Co.*
OSWALD A. K. EDEN	803 Hamilton Ter.	*Balt. & Ohio R. R.*
JAMES A. FOLL	33 Strathmore Av.	
FRANK R. GEISELMAN	2655 Frederick Av.	*Balt. & Ohio R. R.*
E. LEE HURLEY	713 N. Monroe St.	*Penna. R. R.*
MILDRED A. JOHNSON	452 E. 22d St.	*Baltimore Copper Works*
ALBERT T. LUTZ	2915 Penna Av.	*Cottman Co.*
GEORGE MASEK	719 N. Glover St.	*Curtis Bay C. & I. Wks.*
FRANK B. MILLER	3024 Abell Av.	*Continental Canning Co.*
KENNETH B. MILLER	1822 W. Mosher St.	*Baltimore Tube Co.*
CARL NOBLE MITCHELL	134 S. Potomac St.	*Balt. & Ohio R. R.*
JOHN J. MURRAY, JR.	Raspeburg	*Ellicott Machine Co.*
ROBERT O. PASTERFIELD	507 N. Lakewood Av.	*Balt. & Ohio R. R.*
FRANK J. PUNCOCHAR	Brooklyn	*U. S. Indus. Chem. Co.*
BERNARD RAY	431 S. Robinson St.	*Chesapeake Iron Works*
ORMAND H. RICHARDSON	716 Linward Av.	*Amer. Sugar Refining Co.*
E. W. ROBERTS	5226 St. Charles Av.	*United Railways Co.*
E. MILTON SEIFERT	1238 Wall St.	*Universal Machine Co.*
JESSIE M. SLEE	2327 Madison Av.	*U. S. F. & G. Co.*
WILLIAM B. SMOOT	3009 N. Calvert St.	*Cons. Gas & Elec. Co.*
DONALD I. SWEANY	2126 Callow Av.	
LEROY A. WILBUR	3221 Vickers Rd.	*Balto. Copper S. & R. Co.*
JOHN H. ZAISER	213 S. Pulaski St.	*H. E. Crook Co.*
E. FRANCIS ZIMMERMAN	521 Scott St.	*Cottman Co.*

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CHEMISTRY 1–N

(*General Inorganic Chemistry*)

F. MORGAN BARR	720 Cator Av.	*Hynson, Westcott & Dunning*
EDWARD N. EITEL	1539 N. Caroline St.	*Edgewood Arsenal*
CHARLES B. LEONARD	3002 Harford Rd.	*Baltimore Copper Works*
H. G. SHAFFER	1413 Mt. Royal Av.	*Edgewood Arsenal*

JOSEPH A. SMITH	1718 Guilford Av.	*Standard Oil Co.*
WALTER STUMPF	615 Joppa Rd.	*Black & Decker Mfg. Co.*
HERBERT K. TURK	116 Hamilton Av.	*Porcelain Enamel Co.*

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CHEMISTRY 2–N

(*Qualitative and Quantitative Analysis*)

FREDERICK E. BAUER	2114 Cliftwood Av.	*Baltimore Copper Works*
ROBERT BENTLEY, JR.	Pikesville	*Davison Chemical Co.*
ARTHUR W. P. BLOHM	2206 Walbrook Av.	*Health Dept.*
ELWOOD B. ENSOR	Highland Av., Mt. Washington	*Neely & Ensor Co.*
DONALD H. GOLDSBOROUGH	1904 Homewood Av.	*Water Dept.*
RICHARD T. HAMPTON	3013 Ellerslie Av.	*L. B. Breton Dental Co.*
HOWARD JOHNSON	520 N. Lakewood Av.	*Baltimore Copper Works*
L. SEXTON LEHMANN	Rogers Av., Mt. Wash.	*I. A. Shepperd Co.*
AARON LEVY	1032 E. Monument St.	*Shoeneman*
RUDOLPH W. MANN	1636 Chilton Av.	*Mutual Chemical Co.*
R. W. NEUMAN		
CLARENCE O'LEARY	Curtis Bay	*Curtis Bay Reserve Dept.*
EARLE B. SNADER	1806 N. Fulton Av.	*Carr-Lowrey Glass Co.*
WILLIAM H. WIRTH	501 N. Lakewood Av.	*Cons. Gas & Elec. Co.*

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CHEMISTRY 3–N

(*Organic Chemistry*)

ROBERT D. DINSMORE	3012 Springdale Av.	*H. N. Dinsmore*
WALTER A. FELDMAN	2340 Madison Av.	*U. S. Indus. Alcohol Co.*
CLARENCE L. KEEFER	1726 Bolton St.	*Sewer Dept.*
J. ATHEY KERNER	712 S. Boulden St.	*Gascogne & Co.*
L. LASKY	2012 Wilkins Av.	
SEBASTIAN G. LUTZ	739 S. 3d St.	
WALTER B. MANGELS	139 Montebello Ter.	*W. C. Robinson & Sons Co.*

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CIVIL ENGINEERING 1–N

(*Theory of Structures*)

BENJAMIN E. BEAVIN	Eastport, Md.	*Sanitary Comm., Anne Arundel Co.*
G. A. WETHERALL BELL, JR.	1407 John St.	*W. B. & A. Elec. R. R.*
HAZELTON A. BRANNOCK	514 Radnor Av., Govans	*Geo. K. Callis*
CHARLES A. FRAINIE	3714 Forest Park Av.	*Frainie Bros. & Haigley*
C. WM. GABRIO	1452 Hull St.	*Balt. & Ohio R. R.*
JAMES A. LONG, JR.	820 E. Fort Av.	*Balt. & Ohio R. R.*
ROBERT LUTZ	155 Dorchester Av.	
I. A. MCCLOSKEY	4000 Lib'ty Hghts Av.	*Blaw-Knox Co.*
BENJAMIN R. MAGINNIS	2418 E. Lafayette Av.	*Curtis Bay C. & I. Wks.*
CARL A. MALAN	900 S. Paca St.	*Cons. Gas & Elec. Co.*

GEORGE H. NEWTON	400 Lyman Av.	*Crown Cork & Seal Co.*
GUY E. ROGERS	527 East E. St., Sparrows Point	*Blaw-Knox Co*
MEYER TRETICK	2800 Remington Av.	*J. Sussman & Co.*
FRANK C. WACHTER	4920 Harford Rd.	*Bureau of Drafting*
JOHN H. WAGNER	53 White Av.	*Pangborn Corp. Hagerstown, Md.*

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CIVIL ENGINEERING 2–N

(*Structural Engineering*)

CONRAD A. BERGLER	3927 Greenmount Av.	*Bethlehem Steel Co.*
EDWIN C. CLAYTON	428 N. Arlington Av.	*Wm. A Hooper & Sons Co.*
JOHN FREDERICK DIETRICH	2302 E. North Av.	*Baltimore Steel Co.*
EDWIN V. HASENKAMP	324 S. Garrison Av.	*Bartlett-Hayward Co.*
J. LEROY HEINBUCH	Rueckert&Holder Avs.	*Chesapeake Iron Works.*
WILFRED F. HOLDEFER	1516 N. Caroline St.	*Bartlett-Hayward Co.*
CHARLES H. HURLEY	713 N. Monroe St.	*Curtis Bay C. & I. Wks.*
G. THOMAS KEMLER	Gardenville	*Curtis Bay C. & I. Wks.*
HENRY C. LAUTENKLOS	Southern & Eloise Avs.	*Bartlett-Hayward Co.*
BERNARD M. PITCHER	1635 Bentalou St.	*Spencer Construction Co.*
WILLIAM N. PURDY	1006 E. Federal St.	*United Railways Co.*
WILLIAM L. SCHNEIDER	911 N. Eutaw St.	*Sewer Dept.*
LEROY V. SCHUERHOLZ	1507 S. Charles St.	*Bureau of Drafting*
CHARLES W. SNYDER	2727 Pennsylvania Av.	*H. Doeleman*
RAYMOND A. SNYDER	2727 Pennsylvania Av.	*Balt. & Ohio R. R.*

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CIVIL ENGINEERING 3–N

(*Reinforced Concrete Construction*)

JOHN H. BARRON	3022 Abell Av.	*Sewer Dept.*
LUTHER M. FRANTZ	Manhattan Av., Mt. Washington	*Highways Dept.*
CHARLES GOETZ	2110 E. Pratt St.	*Standard Oil Co.*
KARL HARSER	312 S. Patt's'n Pk. Av.	*Balto. Car & Foundry Co.*
JOHN J. KIRCHNER	27 Woodlea Pl.	*Amer. Film Safe Corp.*
J. WALTER LAUTENBERGER	1738 Homestead St.	*Cons. Gas & Elec. Co.*
EDWIN G. LOEWER	333 E. 28th St.	*Chas. E. Hopps*
FRANK A. LUCAS	2722 Auchent'ly Ter.	*Sewer Dept.*
EVERETT S. MCCAULEY	329 E. 28th St.	*Balto. Poly. Inst.*
F. AUSTIN NACE	143 Prospect Av.	*Cons. Gas & Elec. Co.*
GEORGE W. NAGLER	604 S. Kenwood Av.	*Appeal Tax Court*
GORDON L. O'BRIEN	2110 Dobler Av.	*Water Dept.*
WALTER E. PLITT	3933 Lowndes Av.	*Paving Dept.*
JOHN A. ROHRER	3621 Lib'ty Hghts. Av.	*Ottenheimer Bros.*
GUILFORD P. ST. CLAIR	3108 Walbrook Av.	*Ordnance Dept., Wash., D. C.*
ARTHUR P. SHANKLIN, JR.	916 N. Calvert St.	*Sewer Dept.*

WM. J. WARMBOLD	2914 E. Pratt St.	*Tin Decorating Co.*
JAMES WOOD	643 W. Franklin St.	*Robt. L. Harris*
CHARLES E. ZEMAN	2510 E. Madison St.	*Balt. & Ohio R. R.*
RUDOLPH F. ZERNER	2016 E. Preston St.	*City Surveyor's Office*

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CIVIL ENGINEERING 4—N

(*Elementary and Advanced Surveying*)

G. C. BELLMIRE	2427 Barclay St.	*Balt. & Ohio R. R.*
EITEL M. FILES	4634 Pall Mall Av.	*Balt. & Ohio R. R.*
JOHN R. GROSS	300 S. Stricker St.	*Water Dept.*
LAWRENCE G. HEIL	2435 E. Hoffman St.	*Cons. Gas & Elec. Co.*
CARL H. IRVIN	1909 Wheeler Av.	*United Railways Co.*
ALBERT KREKEL	2803 Chelsea Ter.	*Porcelain Enam.& Mfg.Co.*
ALLAN W. MUND	1915 Hollins St.	*Ellicott Machine Co.*
JOSEPH L. THOMPSON	103 Shealy Av.	*City Surveyor's Office*

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CIVIL ENGINEERING 5—N AND 6—N

(*City Planning*)

B. EVERETT BEAVIN	Linthicum Heights	*Sanitary Comm., Anne Arundel Co.*
WILLIAM C. BROOKS	212 E. Street	*Topo. Survey Comm.*
L. E. D. GAUDREAU	3458 Park Hghts Av.	*Western Md. R. R.*
T. W. HACKER	1828 Munsey Bldg.	*Norton, Bird & Whitman*
FRANK HUART	Walbert Apts.	*City Hall*
IRVIN C. KNOWLES	710 E. 21st St.	*City Surveyor's Office*
J. J. LANG	2123 W. Fayette St.	*Topo. Survey Comm.*
WILLIAM S. LEAVERTON	729 Linnard St.	*Topo. Survey Comm.*
CARROLL M. LENDERKING	718 N. Fulton Av.	*J. Spence Howard*
L. B. MATHER	315 E. 22d St.	*Western Md. R. R.*
J. CURTIS MEDCALF	Windsor Mills Rd.	*Cons. Gas & Elec. Co.*
R. F. NORFOLK	Only, Va.	*Va. State Highway Dept.*
N. L. PAULY	1548 Gorsuch Av.	*Cons. Gas & Elec. Co.*
J. EARL PENN	1709 N. Calvert St.	*Cons. Gas & Elec. Co.*
OTTIE H. PRITCHETT	6 N. Montford Av.	*Cons. Gas & Elec. Co.*
ROBERT E. SCHMELLENKAMP, JR.	710 N. Gay St.	*Cons. Gas & Elec. Co.*
A. GORDON VAN NESS	309 Woodlawn Rd.	*Title Guar. & Trust Co.*
JOHN F. WICH	3418 Harford Av.	*Carrozza-Rowe Cons. Co.*

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ELECTRICAL ENGINEERING 1—N AND 2—N

(*Elements of Electricity and Magnetism and Direct Current Machinery*)

ERIC L. ANDERSON	1012 F St., Sparrows Pt.	*Bethlehem Steel Co.*
RAYMOND C. ASHLEY	927 St. Paul St.	*Balt. Copper S. & R. Co.*
ARTHUR C. BARNARD	4824 Park Hghts. Av.	*Balt. & Ohio R. R.*
STANLEY H. BURGEE	3600 Central Av.	*Cons. Gas & Elec. Co.*

DAVID M. BURGER	1501 St. Paul St.	*Keystone Elec. Co.*
CHARLES BURNHAM	1902 Cedar Rd.	*Burnham & Burnham*
ROBERT B. CALDWELL	720 N. Fulton Av.	*Electro-Mechanical Co.*
WILLIAM F. CALDWELL	2238 E. North Av.	*Cons. Gas & Elec. Co.*
JOHN F. DONLIN	420 E. F St., Sparrows Pt.	
OSCAR DORSCH	1624 Broadway	*Heda Electric Co.*
CLEMENT A. EARLES	229 N. Rose St.	*John S. Dobler*
EDWARD J. FARRELL	4108 Maine Av.	*General Elec. Co.*
MILTON S. J. GERMAN	2306 E. Monument St.	*John S. Dobler*
DAVID GOLDSTEIN	2914 Norfolk Av.	*Cons. Gas & Elec. Co.*
JAMES H. GORGES	3405 Clifton Av.	*Cons. Gas & Elec. Co.*
EVELYN W. GRAVES	Sudbrook Pk., Pikesville	*General Elec. Co.*
HOWARD H. HEINBUCK	Hamilton	*United Railways Co.*
WARREN R. HILL	941 N. Broadway	*Cons. Gas & Elec. Co.*
CHARLES E. HOCH	3918 Edmondson Av.	*Mack Truck Co.*
HARRY C. HOFFMAN	1042 Harford Av.	*Cons. Gas & Elec. Co.*
JAMES M. JEFFERS, JR.	25 S. Calhoun St.	*P. & H. Morton Co.*
THOMAS B. KELLEY	Randallstown, Md.	*Cons. Gas & Elec. Co.*
GEORGE E. KENNY	820 W. 37th St.	*Mt. Vernon Mills*
RAYMOND J. KOONTZ	1806 N. Fulton Av.	*Franklin Motor Car Co.*
JAMES E. LYONS	620 N. Arlington Av.	*United Railways Co.*
J. IRVIN MCCLAIN	747 N. Milton Av.	*Western Md. R. R.*
HAMILTON L. MCCORMICK	1016 N. Fulton Av.	*Cons. Gas & Elec. Co.*
ALLEN C. MCGOWAN	714 E. E St., Sparrows Pt.	*Bethlehem Steel Co.*
THOMAS H. MAY	661 Sterling St.	*C. & P. Telephone Co.*
STEPHEN J. MATOSEC	1022 Pennington Av.	*Balto. Car & Foundry Co.*
CHARLES O. MIDDLEKAUF	2332 Pennsylvania Av.	*Keystone Elec. Co*
DOUGLAS C. MITCHELL	Y. M. C. A.	*Cons. Gas & Elec. Co.*
JOHN S. O'TOOLE	739 N. Fulton Av.	
E. THORNTON PACKHAM	1121 Gorsuch Av.	*Standard Elec. Mach. Co.*
ALEX. PRESTON PETRE	829 University Pkwy.	*General Elec. Co.*
HARRY W. PROPF	414 Southway	*C. & P. Telephone Co.*
THOMAS J. REILLY, JR.	2543 E. Biddle St.	*Young & Selden Co.*
DAVID H. RIELY	1917 St. Paul St.	*H. C. Roberts Elec. Supply Co.*
GEORGE E. SELBY	1632 Ellamont St.	*Cons. Gas & Elec. Co.*
ETREBIL A. SCHAUB	101 Belmar Av.	*Cons. Gas & Elec. Co.*
MORRIS SCHEER	3730 Reisterstown Rd.	*Tucker Parthree Elec. Co.*
PERCY SHAW	1010 Roland Hgts. Av.	*F. C. Dorsey*
CHARLES H. THORNEY, JR.	4021 Falls Rd.	*F. C. Dorsey*
WM. RAYMOND TIMANUS	1944 W. Lexington St.	*Davison Chemical Co.*
JOSEPH M. TOWNSEND	628 N. Carrollton Av.	*Security Insurance Co.*
RUDOLPH A. VENZKE	410 S. Payson St.	*General Elec. Co.*
AUGUSTUS P. WALTERS	1723 Westwood Av.	*McCormick & Co.*
GEORGE NEVILLE WATERS	3628 Beach Av.	*Reliable Furniture Co.*
WILLIAM RAYMOND WILSON	409 York Rd.	*Wilson Elec. Co.*

ELECTRICAL ENGINEERING 3–N

(*Elementary Alternating Current Theory and Machinery*)

GEORGE E. BACK	1907 N. Pat's'n Pk. Av.	*Cons. Gas & Elec. Co.*
T. M. BARTHALOMEE	16 E. White Av.	*Cons. Gas & Elec. Co.*
EDINGTON D. BOND	725 N. Linwood Av.	*E. D. Bond*
N. S. BORTNER	427 E. 20th St.	*United Railways Co.*
HERBERT E. CAVANO	1527 E. Preston St.	*General Elec. Co.*
FREDERICK P. CHELTON	6 Furley Av.	*General Elec. Co.*
LAURENCE H. COLLINS	912 N. Payson St.	*Cons. Gas & Elec. Co.*
ELMER G. CORDES	1726 E. 28th St.	*Cons. Gas & Elec. Co.*
C. GRAHAM CROMWELL	3115 Clifton Av.	*C. & P. Telephone Co.*
J. NIXON CUSACK	1313 W. Lombard St.	*C. & P. Telephone Co.*
ANDREW F. DUNNIGAN	619 N. Luzerne Av.	*Ches. Bay Power Co.*
AUGUST E. ECKELS	26 Ailsa Av.	*Radio Corp. of Amer.*
GEORGE L. EWALT, JR.	2945 St. Paul St.	*Cons. Gas & Elec. Co.*
CHARLES W. FLICHMAN	Hamilton	*Maass & Kenper*
A. PAGE FREY	315 N. Fulton Av.	*United Railways Co.*
ALBERT GEIWITZ	1414 W. Saratoga St.	
CARL F. GOOSMAN	428 S. Payson St.	*Cons. Gas & Elec. Co.*
MALCOLM H. GRANT	1311 W. Lanvale St.	*C. & P. Telephone Co.*
OSCAR E. HAMSON	230 S. Gilmor St.	*Cons. Gas & Elec. Co.*
RICHARD E. HANNA	1126 Linden Av.	*Cons. Gas & Elec. Co.*
ALFRED H. HENKEL	208 Oakmont Av.	*Roland Elec. Co.*
WILLIAM A. HERRMAN	3501 Copley Rd.	*C. & P. Telephone Co.*
JAMES E. HIPP	4222 Harford Av.	*Cons. Gas & Elec. Co.*
CHARLES A. JOHN	3712 Gough St.	*John S. Dobler*
FRANK A. JOHNSON	Dundalk	*Cons. Gas & Elec. Co.*
CARL KALBFLEISCH	523 W. Lexington St.	*General Elec. Co.*
JOSEPH J. KIMMEL	823 Montford Av.	*Cons. Gas & Elec. Co.*
FRANK A. KNECHT	Halethorpe	
CHARLES A. KOOKE	5 Oread Av.	*Cons. Gas & Elec. Co.*
H. R. KRIEGER	1510 E. Biddle St.	*Cons. Gas & Elec. Co.*
MILTON B. LEMCHEN	925 Harlem Av.	*Am. Hammered Piston Ring Co.*
GILBERT LOWENTHAL	2802 Ulman Av.	*D. S. Wallerstein*
VERNON W. MAYER	2103 Lyndhurst Av.	*General Elec. Co.*
GEORGE MEYER	2743 W. Fairmont Av.	*Cons. Gas & Elec. Co.*
MAYFORT P. MILLER	3423 Reisterstown Rd.	*Westinghouse Elec. Co.*
ARTHUR E. NICKELS	Glendale Av.	*C. & P. Telephone Co.*
C. OAKFORD NEWMAN	4409 Garrison Av.	
ALLEN Z. PENTZ	2421 Barclay St.	*C. & P. Telephone Co.*
VINCENT E. POWERS, JR.	1715 Guilford Av.	*Radio Supply Co.*
ROLAND E. RANDALL	3308 E. Baltimore St.	*Cons. Gas & Elec. Co.*
HARRY N. REESE	2637 Oak St.	*United Railways Co.*
HENRY M. REIER	Glen Arm	
STEWART F. ROBERTSON	3112 Abell Av.	*Balto. Poly. Inst.*

BENJAMIN SCHWARTZ	1004 E. Baltimore St.	*D. Schwartz*
ARMIGER D. SHELLEY	3016 Winfield Av.	*General Elec. Co.*
E. J. SMITH	Lutherville	*Black & Decker Mfg. Co.*
DONALD A. STRITEHOFF	510 N. Carey St.	*Cons. Gas & Elec. Co.*
H. L. TYSON	Hamilton	*Cons. Gas & Elec. Co.*
CHARLES M. WOODRUFF	619 C St., Spar'ws Pt.	*Bethlehem Steel Co.*

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ELECTRICAL ENGINEERING 4–N

(*Alternating Current Theory*)

LEROY W. ALLEN	501 N. Robinson St.	
ADAM K. BACHER	3729 North Rd.	*Cons. Gas & Elec. Co.*
FRANK BALSAM	Y. M. C. A., Room 511	*Cons. Gas & Elec. Co.*
WILLIAM K. BANES	319 E. 24th St.	*Ditch Bowers & Taylor*
FORREST A. BERWAGER	1825 W. Baltimore St.	*Cons. Gas & Elec. Co.*
JOHN F. L. BOEHNE	1042 W. Barre St.	*Cons. Gas & Elec. Co.*
JOHN E. BRADY	113 Roland Av.	*Frank Brady*
STEPHEN J. DUHAN	123 N. Milton Av.	*John S. Dobler Co.*
MELVIN W. EMBURY	100 Woodlawn Av.	*United Railways Co.*
MORGAN S. GIBSON	117 W. 22d St.	*Cons. Gas & Elec. Co.*
THOMAS T. GORSUCH	1719 Rutland Av.	*Cons. Gas & Elec. Co.*
JAMES M. GRAFF	420 S. Robinson St.	
DE WILTON HASLUP	700 W. W'dbourne Av.	*General Elec. Co.*
LEWIS R. HEISE	518 Franklin Ter.	*Balt. & Ohio R. R.*
PERCY E. HOOVER	2023 Bank St.	*E. J. Rosenfeld, Inc.*
MARTY J. JURAS	2811 Chelsea Ter.	*Cons. Gas & Elec. Co.*
W. NORRIS KREBS, JR.	642 W. North Av.	*Cons. Gas & Elec. Co.*
THOMAS MARBURGER	406 E. Lanvale St.	*Cons. Gas & Elec. Co.*
M. S. OSBORN	4761 Pimlico Rd.	*Penna. R. R.*
NATHANIEL C. PERRY	46 E. 36th St.	*Y. M. C. A.*
WALTER E. PRICE	800 E. 41st St.	*Cons. Gas & Elec. Co.*
GEORGE W. SANDERS, JR.	1 W. Ecodale Av.	*Cons. Gas & Elec. Co.*
CHARLES M. SCHULZ	1907 McElderry St.	*Cons. Gas & Elec. Co.*
HERMAN E. SCHWARTZ	1703 E. Lombard St.	*Broadway Elec. Co.*
JOHN SKMPSKI	110 W. Woodlawn Av.	*Cons. Gas & Elec. Co.*
CARL J. SODERGREN	609 N. Robinson St.	*Cons. Gas & Elec. Co.*
WILLIAM H. VOHS	Ellicott City	*Cons. Gas & Elec. Co.*
NOBLE WATKINS	2698 St. Benedict St.	*Cons. Gas & Elec. Co.*
KARL E. WOLF	Park Hgts. & Belm'nt Avs.	*Cons. Gas & Elec. Co.*

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MECHANICAL ENGINEERING 1–N

(*Machine Design*)

ARTHUR H. ATKINSON, JR.	4029 Belle Av.	*U. S. Indus. Chem. Co.*
THOMAS F. BURKE	2802 Kennedy Av.	*C. M. Kemp Mfg. Co.*
RAYMOND L. EHRLINGER	22 S. Ellwood Av.	*Bethlehem Steel Corp.*
CHARLES T. FARNAN	Hopkins Apts.	*Eastn. Hdwe. & Sup. Co.*
HOWARD H. HARRIGAN	1208 E. Preston St.	*Baltimore Copper Works*
JESSE D. KAUFMAN	2916 W. North Av.	*Bartlett Hayward Co.*

ALBERT C. KLINGENBERG	102 N. Port St.	*J. C. Deming, Jr.*
WILLIAM F. KORFF	3914 Maine Av.	*Bartlett Hayward Co.*
JOSEPH KORNBLATT	4015 Lib'ty Hgts, Av.	*Balt. Poly. Inst.*
HENRY R. O'DONNELL	1743 N. Chester St.	*Metal Package Corp.*
LAWRENCE REECAMPER	345 S. Mount St.	*Appeal Tax Court*
ARTHUR A. RENNO	3001 Frederick Av.	
FELIX ROHOS	658 W. Portland St.	*Triangle Art Clothing Co.*
PAUL TILLACK	101 Ailsa Av.	*Bethlehem Steel Co.*
FRANCIS E. WIBLE	301 E. North Av.	*Ellicott Machine Corp.*
RALPH W. YOUNG	3915 Lloyd Av.	*Cons. Gas & Elec. Co.*
FRANK ZARUBA	206 Cherry St.	*Balto. Car & Foundry Co.*

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MECHANICAL ENGINEERING 2–N

(*Heat Engines*)

HENRY ALBERT, JR.	5310 Park Hghts. Av.	*Henry Albert*
W. T. E. BARKER	334 N. Charles St.	*Johns Mansville, Inc.*
EDWARD B. COLBURN	1206 John St.	*Cons. Gas & Elec. Co.*
CHARLES M. FITZ-PATRICK	2419 N. Calvert St.	*Bethlehem Steel Co.*
E. T. CRUSE HOFSTETTER	134 S. East Av.	*Cons. Gas & Elec. Co.*
HAL JENSEN	27 E. 31st St.	*General Elec. Co.*
DANIEL C. KLINE	812 W. 37th St.	*Poole Eng. & Mach. Co.*
JOHN H. KRATZ	3415 Copley Rd.	*Naval Exp. Sta. Annapolis*
HARLAN MEEKS	122 S. Eutaw St.	*Davison Chemical Co.*
ALONZO H. SCANLAND	513 E. 38th St.	*General Elec. Co.*
SAMUEL S. SCHER	2706 Allen Av.	*Cons. Gas & Elec. Co.*
NELSON M. SCHWANER	17 S. Linwood Av.	*Balt. Copper S. & R Co.*
CRAWFORD V. SEVIER	2627 Fait Av.	*Naval Exp. Sta. Annapolis*
WALTER P. SINCLAIR	13 S. Chester St.	*Naval Exp. Sta. Annapolis*
WILLIAM B. SMOOT	3008 N. Calvert St.	*Cons. Gas & Elec. Co.*
W. ALLEN SPILMAN	3032 Windsor Av.	*Western Elec. Co.*
LESLIE A. STEWART	204 Wyndhurst Av.	*Bethlehem Shipbldg. Corp.*
HARRY F. SWOPE, JR.	Lutherville	*Balt. & Ohio R. R.*
FRANK WHITEHOUSE	2424 N. Charles St.	*Amer. Sugar Refining Co.*
CHARLES F. WHITLOCK	526 E. 38th St.	*Cons. Gas & Elec. Co.*
ROBERT F. WYSOSKI	Brooklyn	*U. S. Indus. Chem. Co.*

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MECHANICAL ENGINEERING 3–N

(*Power Plant Calculations and Design*)

EMORY N. DILLS	Annapolis	*Cons. Gas & Elec. Co.*
F. WILLIAM DUHAN	211 N. Port St.	
JOHN DI EUGENIO	629 N. Duncan St.	*Universal Machine Co.*
FREDERICK GEBHARDT	Sykesville	*Springfield State Hosp.*
JOHN EAGER HOWARD	124 W. Lanvale St.	*Cons. Gas & Elec. Co.*
G. CALDER LITTLE	Dundalk	*Bethlehem Steel Co.*
S. RICHARD MALAN	900 S. Paca St.	*Appeal Tax Court*
KENNETH W. PAXTON	3305 Piedmont Av.	*Bethlehem Steel Co.*
WILMER L. SENNER	600 W. Streeper St.	*Lloyd E. Mitchell*

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XI. ATTENDANTS ON SUMMER COURSES, 1923

MARY ALICE ADAMS — Baltimore — 522 *Lyndhurst St.*
English Composition 1 and 3; *English Literature* 5

MARGARETTA HAZZARD ALFORD — Baltimore — 102 *E. 25th St.*
Education 16; *Geography*

MARY JANE ALFORD — Baltimore — 3208 *Guilford Av.*
A. B. Goucher College 1902 *Education* 1 and 11; *Psychology* 2

JUDSON LOWELL ANDERSON — Baltimore — 2104 *Rosedale St.*
Johns Hopkins University *Politics* 1; *Psychology* 3; *Spanish* 2

MARGARET ELIZABETH ANDERSON — Somerset Co. — *Deals Island*
Education 1 and 6

ADA MARY ANDREW — Baltimore — 3305 *Windsor Mill Rd.*
Biology 1 and 2

LYDIA ELIZABETH ANDREW — Baltimore — 3305 *Windsor Mill Rd.*
Education 28 and 29

ETHEL NOWELL ANDREWS (Mrs.) — Anne Arundel Co. — *Shady Side*
Education 8; *Music* 1; *Psychology* 2

KATHLEEN ARCHIBALD — Kent Co. — *Rock Hall*
Education 18B; *Manual and Industrial Arts* 8; *Music* 1

EDWARD GIBBONS ARMIGER — Baltimore Co. — *Dundalk*
Johns Hopkins University *English Composition* 2; *Mathematics* 2

GRACE STANSBURY ARNOLD — Baltimore — 533 *N. Fulton Av.*
Johns Hopkins University *English Composition* 1; *English Literature* 4

NANCY FRANKLIN ARNOLD — Baltimore — 729 *Lindwood Av.*
A. B. Notre Dame College of Maryland 1921 *Philosophy* 2; *Psychology* 1 and 2

HELEN KEYSER BACHRACH — Baltimore — 20 *Overhill Rd.*
A. B. Goucher College 1908 *English Literature* 1 and 2

JANE ELLEN BACKUS — Baltimore — 2930 *Guilford Av.*
Johns Hopkins University *English Literature* 4; *French* 6; *Psychology* 1

A. GRACE BAKER — Washington Co. — *Keedysville*
Education 5 and 22; *Music* 1

LESLIE W. BAKER — Baltimore — 621 *Munsey Bldg.*
Mathematics 2

WALTER ERNEST BAKER — Baltimore — *Evergreen School*
A. B. Columbia University 1912 *Psychology* 1

MARY HAMILTON BALDWIN — Howard Co. — *Savage*
English Composition 1; *French* 4; *Spanish* 3

ELIZABETH STEWART BALLANTINE (Mrs.) — Baltimore — *Homewood Apts.*
French 6

NATALIE BALLOU — Baltimore — 2738 *St. Paul St.*
Johns Hopkins University *English Literature* 3; *French* 1 and 2

REBECCA LOUISE BALLS — Baltimore — 5102 *York Rd.*
A. B. Notre Dame College 1901 *Education* 1 and 7; *English Literature* 1

STELLA HANNAH BAMBERGER — Baltimore — 1029 *Madison Av.*
Johns Hopkins University *Education* 18A; *Psychology* 2

AGNUS BANDEL — Baltimore — 102 *W. 27th St.*
A. B. Goucher College 1910 *Education* 6 and 17; *Psychology* 2

THOMAS ALLEN BANKS — Garner, N. C.
A. B. Trinity College 1922 *English Literature* 3, 4, and 5

WILLIAM RUPP BARNHART — Baltimore — 2304 *Mondawmin Av.*
Johns Hopkins University *French* 4 and 5

LOUISE BARNSLEY — Montgomery Co. — *Olney*
Education 18B, 21, and 22

HUBERT POINSETTE BARTON — Big Spring, Texas. — 3100 *N. Calvert St.*
Johns Hopkins University *English Literature* 4; *History* 3; *Italian* 3

LENA BARWICK — Baltimore — 1326 *W. North Av.*
Home Economics 1 and 2

NOLAND ELIAS BASLER — Carroll Co. — *Hampstead*
A. B. Western Maryland College 1908 *Education* 5, 23, and 24.

ADDISON JOYNES BEANE — Baltimore Co. — *Reisterstown*
A. B. Western Maryland College 1906; A. M. Columbia University 1920 *Education* 2, 3, and 4

ARABELLA MISSOULI BEATTY (Mrs.) — Baltimore Co. — *Dundalk*
Education 18B and 24; *Music* 2

SOPHIE MARGARET BECKER — Baltimore — 4015 *Brookline Av.*
A. B. Cornell University 1913 *Education* 10

RICHARD TOWNSEND BEEBE — Great Barrington, Mass. — *Eccleston*
Chemistry 1

ETHEL CLAIR BELL — Baltimore — 821 *W. Lanvale St.*
Music 1 and 2

JEAN ELIZABETH BELL — Baltimore — 2222 *N. Charles St.*
Spanish 3

MARY VIOLA BELL — Frederick Co. — *Tuscarora*
Education 9, 13, and 17

RUTH MARIE BENEZE — Baltimore — 3147 *Leeds St.*
Journalism 1 and 2

DOROTHY KATHRYN BENJES — Baltimore — 610 *E. Pratt St.*
Education 8 and 12

AMY CHRYSTELLE BENNETT — Wicomico Co. — *Salisbury*
A. B. Western Maryland College 1922 *Education* 6; *Hygiene; Psychology* 2

BESSIE BURNS BENNETT — Baltimore — 106 *W. North Av.*
S. B. Johns Hopkins University 1921; A. B. Davis and Elkins College 1923 *French* 1 and 2; *Psychology* 2

EMMA BENNETT — Baltimore — 445 *E. 22nd St.*
Education 17; *Psychology* 2

VIRGINIA RAPHAEL BENNETT — Baltimore — 1429 *N. Central Av.*
Economics 1; *Education* 18A; *History* 2

PAULINE BENSON — Baltimore — 4018 *Roland Av.*
Education 18B

MAXIMUS BERG — Baltimore — *Mt. St. Joseph's College*
Education 19; *English Literature* 4

ELSIE VIRGINIA BILBROUGH — Caroline Co. — *Greensboro*
Education 18B; *Manual and Industrial Arts* 8

ELIZABETH BILLINGSLEA — Carroll Co. — *Westminster*
A. B. Western Maryland College 1919; A. M. Columbia University 1922 *Education* 6 and 11; *Journalism* 2

NEVIN MCCAULEY BISER — Frederick Co. — *Frederick*
A. B. Newberry College 1914; A. M. University of South Carolina 1918 *Education* 1 and 6; *Psychology* 2

CHARLES EDWARD BISH — Carroll Co. — *Westminster*
Politics 1 and 2; *Psychology* 3

EDWARD CLINTON BIXLER — Carroll Co. — *New Windsor*
A. B. Western Maryland College 1901 *Education* 1, 2, and 6

MILDRED KAHN BLAUSTEIN — Baltimore — 2420 *Lakeview Av.*
Education 23, 30 and 31

NELLIE E. BLENTLINGER — Frederick Co. — *Frederick*
Education 18B and 24; *Music* 1

CELIA SYBIL BLOCK — Baltimore — 1706 *N. Smallwood St.*
Education 28 and 29

CHARLOTTE ISABEL BLOGG — Baltimore — *Melrose Av.*
Johns Hopkins University *English Literature* 5; *French* 1; *Psychology* 2

ISABEL OGIER BLOGG (Mrs.) — Baltimore — *Melrose Av.*
Education 28 and 29

LAURA GERTRUDE BLUNDEN — Baltimore — 1227 *Linden Av.*
Education 26; *English Literature* 4

LILLIAN SOPER BOCKMILLER — Baltimore — 2927 *Riggs Av.*
Education 8, 28, and 29

AVALON DRUMMOND BODLEY — Oak Hill, Va. — 3101 *N. Calvert St.*
Home Economics 1, 2, and 3

MARGARET DONALDSON BOEHM — Baltimore — *Roland Av.*
S. B. Johns Hopkins University 1920 *French* 2

MARGARET CABELL BOLES — Punxsutawney, Pa. — 121 *W. 24th St.*
A. B. Goucher College 1911 *Education* 7 and 8; *Journalism* 2

MARY ELLA BOLGIANO (Mrs.) — Baltimore — 322 *Woodlawn Rd.*
English Composition 2

ADONIRAM JUDSON BOLIN — Kent Co. — *Millington*
A. B. Wake Forest College 1899 *Education* 1, 11, and 14

ETTA CHESLEY BOND — Calvert Co. — *St. Leonard*
Economics 1; *Education* 23; *History* 3

FLORENCE REBEKAH BONN — Baltimore — 3301 *Elgin Av.*
Johns Hopkins University *Education* 5; *English Literature* 4; *French* 2

EVELYN LEE BOONE — Baltimore — 249 *McCurly St.*
Journalism 1 and 2

VIRGINIA SANDFORD BORNMANN — Baltimore — 909 *W. 36th St.*
French 5

ESTIE ELIZABETH BOSLEY — Carroll Co. — *Finksburg*
Education 18B and 20; *Manual and Industrial Arts* 8

MARY BLANCHE BOSLEY — Carroll Co. — *Finksburg*
A. B. Western Maryland College 1907 *Education* 5, 23, and 24

J. EDWIN BOWLAND — Somerset Co. — *Kingston*
S. B. University of Maryland 1915 *Education* 3, 6, and 10.

WILLIAM ALFRED NAIRN BOWLAND — Somerset Co. — *Princess Anne*
S. B. University of Maryland 1907 *Education* 1, 2, and 6

LILLIAN DONOVAN BRAUN — Baltimore — 1733 *N. Broadway*
Education 17; *English Literature* 4; *History* 3

MARY STANSBURY BRAUN — Baltimore — 1733 *N. Broadway*
Johns Hopkins University *Biology* 2; *English Literature* 5

MARY THERESA BRENNAN — Baltimore — *Cambridge Apts.*
Education 8 and 9

HOWARD LEWIS BRIGGS — Baltimore — 4107 *Groveland Av.*
Johns Hopkins University *Economics* 1; *History* 1; *Philosophy* 2.

EVA PAYNE BRINSFIELD — Baltimore — 418 *Lorraine Av.*
Education 21 and 29; *Hygiene*

VIOLA BROADWATER — Garrett Co. — *Grantsville*
Education 21 and 22; *Music* 3

CHARLES VINCENT BROCATO — Baltimore — 806 *Madison Av.*
Biology 1 and 2

CHRISTIAN BRODIE — Baltimore — *Mt. St. Joseph's College*
Education 19; *Spanish* 3

SARAH CATHERINE BROOKS — Richmond, Va. — 2206 *Elsinor Av.*
French 3 and 4.

ANNA MARY BROWN — Baltimore Co. — *Fowblesburg*
Education 5, 23 and 24.

ELIZABETH GILKISON BROWN — Baltimore — 910 *N. Calvert St.*
French 4.

ELIZABETH VIRGINIA BROWN — Baltimore — 2106 *N. Charles St.*
Economics 1 and 2

RICHARD THOMAS BROWN — Baltimore — 6 *Prospect Circle*
Geography; History 3; *Politics* 2

STANLEY CHEW BROWN — Baltimore — 2 *Club Rd.*
Journalism 1 and 2

WILLIAM LEE BROWN — Frederick Co. — *Frederick*
Education 5, 14, and 30

ARTHUR HERBERT BRYAN — Baltimore — 46 *Raspe Av.*
S. B. Washington College 1919 *Education* 6 and 18A; *Psychology* 3

H. LOUISE C. BUCHNER (MRS.) — Baltimore — 2120 *Callow Av.*
S. B. Johns Hopkins University 1922 *English Literature* 2

AGNES EMILY BUCHHOLZ — Baltimore Co. — *Catonsville*
S. B. Johns Hopkins University 1917 *French* 1; *Spanish* 2

MARY BUNWORTH — Baltimore — *Wentworth Apts.*
S. B. Johns Hopkins University 1923 *French* 1 and 2; *Italian* 3

HENRY CLYMER BURGARD — Manheim, Pa. — *Pylesville*
Education 6, 13 and 19

EDNA BURHENN — Baltimore Co. — *Hamilton*
French 6; *Music* 3

FLORENCE HELEN BURNER — Baltimore — 2316 *Ruskin Av.*
Johns Hopkins University *French* 2 and 3

ALICE RUTH BURROUGHS — St. Mary's Co. — *Mechanicsville*
English Literature 5; *History* 2; *Psychology* 2

JENNIE LAURA BURTON — Benton Harbor, Mich. — 3032 *Abell Av.*
Education 4; *History* 2

MARTHA BUSCHMAN — Baltimore — 2254 *Brookfield Av.*
Johns Hopkins University *English Literature* 3 and 4

JOSEPH HOBART BUSHEY — Baltimore — 1507 *E. North Av.*
Johns Hopkins University *Economics* 2; *German* 2; *Philosophy* 1

MARGARET MARY BYRNES — Baltimore — 340 *E. 20th St.*
English Composition 1; *History* 2

LAURA JEANNETTE CAIRNES — Baltimore — 4008 *Roland Av.*
A. B. Goucher College 1907 *English Literature* 2; *History* 1

NOEL CAMPBELL — Baltimore — *Mt. St. Joseph's College*
Education 19; *French* 7

MARETTA CANNON — Baltimore — 923 *Cathedral St.*
Education 22

HARRY LINGAN CAPLES — Baltimore Co. — *Towson*
A. B. Johns Hopkins University 1908 *English Literature* 1 and 2; *German* 1

IVA IRENE CARNEY — Baltimore — 1525 *Belt Av.*
Education 8 and 9; *English Literature* 3

SISTER MARY BENEDICTA (CARNEY) — Baltimore — *Mt. St. Agnes College*
A. M. Johns Hopkins University 1921 *Education* 10

LOUISE ELIZA CARPER — Baltimore — 141 *Newburg Av.*
Education 19; *English Composition* 1; *Psychology* 2

WILTON S. CARTER — Baltimore — 5430 *Park Hgts. Av.*
English Composition 1; *French* 7

EMMA CAULK — Wicomico Co. — *Sharpstown*
Johns Hopkins University *English Literature* 1, 4 and 5

IDA VIRGINIA LEE CAUTHORN — Baltimore — 915 *St. Paul St.*
Education 20; *English Composition* 1; *History* 2

MARY ANITA CLAUTICE — Baltimore — 1411 *Mt. Royal Av.*
French 6; *Music* 3

MAYNARD ARTHUR CLEMENS — Baltimore — 2044 *Kennedy Av.*
S. B. Columbia University 1913; A. M. Johns Hopkins University 1920 *French* 6; *German* 2

GLENNI HERBERT CLEMENSON — Barnesboro, Pa. — 1818 *St. Paul St.*
Economics 2; *Education* 12; *Philosophy* 2

PEARL SELBY CLEMENTS — Montgomery Co. — *Germantown*
Education 18B and 22

SAVILLE CLIFT — Baltimore — 2105 *St. Paul St.*
A. B. Goucher College, 1922 *Education* 1, 6, and 11

DAISY CLINE — Allegany Co. — *Lonaconing*
Education 6 and 7; *English Literature* 4

JULIA CLINE — Baltimore — 3516 *Cottage Av.*
Music 1 and 2

MARY FRANCES CLOUGH — Talbot Co. — *Easton*
Education 5 and 18B; *Music* 1

DAISY VIRGINIA COCHRAN — Baltimore — 624 *Cator Av.*
Biology 1 and 2

HELEN COHEN — Baltimore — *Strand Apts.*
Education 16; *Geography*

MOSES COHEN — Baltimore — 616 *S. Charles St.*
Johns Hopkins University *English Literature* 4; *French* 4 and 5.

ALICE BROOKE COLBURN — Harford Co. — *Bel Air*
Education 5, 18B, and 25

HANNAH EVELYN COLLIER — Wicomico Co. — *Nanticoke*
Education 21 and 22; *Music* 1

WILLARD HENRY COLLINS — Baltimore — 1127 *Madison Av.*
S. B. Bucknell University 1922 *Education* 6, 10, and 13

ELIZABETH ANNA CONNELLY — Baltimore — 1728 *N. Bond St.*
Johns Hopkins University *English Literature* 4 and 5; *History* 2

ELLA JOSEPHINE CONNER (Mrs.) — Baltimore — *Harford Rd. & Richmond Av.*
Education 21, 22, and 23

BESSIE COOK — Baltimore — 413 *N. Stricker St.*
Education 30 and 31

MADGE LANE COOKE — Baltimore — 1309 *John St.*
A. B. Wilson College 1903 *Hygiene; Journalism* 1 and 2

MINNIE ELIZABETH COOKERLY — Frederick Co. — *Middletown*
Education 18B and 22; *Music* 1

SARAH ELIZABETH CORKRAN — Dorchester Co. — *Rhodesdale*
A. B. Western Maryland College 1923 *Education* 6 and 13; *French* 3

JEANNETTE STEWART CORNS — Baltimore — 517 *N. Milton Av.*
Education 18A; *Geography; History* 3

E. HENRIETTA COULBOURN — Somerset Co. — *Crisfield*
Education 18B and 25; *Psychology* 2

JOHN COULBOURN — Baltimore — 307 *E. 27th St.*
Johns Hopkins University *English Literature* 3

HELEN DRURY COVINGTON — Baltimore — 611 *E. 33d St.*
Education 28 and 29

RONALD ATMORE COX — Baltimore — 2406 *Garrison Av.*
Biology 1 and 2; *English Literature* 2

MARGERY PATTERSON CRAIG (Mrs.) — Baltimore — 3421 *Guilford Ter.*
Psychology 2

HELEN KATHLEEN CRAWFORD — Frederick Co. — *Sabillasville*
Education 18B; *Music* 1; *Psychology* 2

ZAIDEE ELIZABETH CREEL — Baltimore — 733 *N. Fulton Av.*
English Literature 4; *History* 2; *Psychology* 3

HAROLD GOLDSBOROUGH CREW — Kent Co. — *Betterton*
Manual and Industrial Arts 1, 2, and 7

JOSEPH THOMAS CROMACK — Baltimore — 306 *Harwood Av.*
Manual and Industrial Arts 2, 3, and 7

ROBERT FLOYD CROMWELL — Frederick Co. — *Walkersville*
A. B. Western Maryland College 1922 *Education* 1, 6, and 19

JAMES ALOYSIUS CULLEN — Baltimore — 1724 *Broadway*
English Literature 5; *History* 2

GRACE H. DANDO — Allegany Co. — *Frostburg*
Education 18B, 19, and 22

SALLIE ELIZABETH DASHIELL — Somerset Co. — *Princess Anne*
Education 5 and 22; *Music* 1

OLIVER DONALD DAVIES — Baltimore Co. — *Rossville*
Education 6, 12, and 13

ELIZABETH DAVIS — Baltimore Co. — *Glyndon*
Education 5, 20, and 27

ELIZABETH AFFIE DAVIS (Mrs.) — Howard Co. — *Woodstock*
Education 21, 24, and 27

IDA EMELINE DAVIS (Mrs.) — Brooklyn, N. Y. — 210 *Roland Av.*
English Literature 1; *Journalism* 2; *Psychology* 1

MARIE STEPHENS DAVIS — Somerset Co. — *Crisfield*
Education 5 and 22; *Music* 1

ISABEL DAWSON — Baltimore — 41 *W. Preston St.*
English Composition 2; *English Literature* 3 and 4

THELMA GRACE DEAL — Carroll Co. — *Hampstead*
Education 18B, 22, and 27

IDA SELMA DEANE (Mrs.) — Baltimore — 2234 *Linden Av.*
English Composition 1

JACK DEAVOURS — Laurel, Mass. — 206 *E. 34th St.*
Johns Hopkins University *History* 2; *Journalism* 2; *Politics* 2

MIRIAM DEWALD — Baltimore — 1912 *W. North Av.*
Geography; History 2

ERNEST GIBSON DICKEY — Baltimore — 306 *Woodlawn Rd.*
Journalism 1 and 2

ALICE DIGGS — Baltimore — 3020 *Evergreen Ter.*
Johns Hopkins University *Education* 13, 18A, and 21

NELLIE PAULINE DILLARD — Carroll Co. — *Westminster*
Education 18B, 22, and 27

THELMA SUSAN DITTO — Baltimore — 2207 *Ruskin Av.*
Education 18B and 22; *Psychology* 2

MARY ROSE DIXON — Baltimore — 2108½ *Lake Av.*
Music 2 and 3

IDA M. DODD — Queen Anne Co. — *Centreville*
A. B. Western Maryland College 1896 and A. M. 1899 *Education* 9 and 18A.

LOUISE DOETSCH — Baltimore — 14 *Merrymount Rd.*
A. B. Goucher College 1910 *Education* 10 and 14

MARK SHELOON DOLBEY — Wicomico Co. — *White Haven*
A. B. Washington College 1918 *Education* 1 and 19; *History* 2

RAYMOND NELSON DONELSON — Baltimore — 857 *W. 36th St.*
Manual and Industrial Arts 3, 6, and 7

LILLIAN DONOVAN — Baltimore — 513 *N. Carrollton Av.*
Education 15, 18A, and 19

PATRICIUS DOUGHERTY — Baltimore — *St. Mary's Industrial School*
A. B. Mt. St. Joseph's College 1921 *English Composition* 3; *French* 7

MARGARET ELIZABETH DOWNEY — Baltimore — 1575 *Abbottston St.*
Johns Hopkins University *Education* 6 and 18A; *Politics* 1

FANNIE BARBARA DRISCOLL — Baltimore — 22 *Augusta Av.*
Education 18B and 30

CLAUDE RICE DRITT — Baltimore — 529 *Ravenswood Av.*
Johns Hopkins University *English Literature* 5; *Politics* 1 and 2

WALLACE GRIFFITH DRUMHELLER — Lansford, Pa. — 3000 *N. Calvert St.*
Johns Hopkins University *Biology* 1 and 2

MARY E. DUFFUS (Mrs.) — Baltimore — 8 *W. 25th St.*
Education 5, 13, and 18A

CASSIE BOND DUKE (Mrs.) — Calvert Co. — *Prince Frederick*
Economics 1; *Education* 4; *Psychology* 3

MARIE MILES DUNCAN (Mrs.) — Baltimore — *Cambridge Apts.*
Education 7, 8, and 18A

ELIZABETH VANDERIPE DUNHAM — Baltimore Co. — *Woodlawn*
Education 16, 18A, and 23

WARREN BENYEW DUNHAM — Baltimore Co. — *Woodlawn*
A. B. Princeton University 1890 and A. M. 1900 *Education* 1, 6, and 19

DAISY GERTRUDE DUNN — Baltimore — 2103 *N. Charles St.*
Music 1 and 2; *Psychology* 2

HAZEL SPENCER DYOTT — Talbot Co. — *Easton*
Education 5 and 22; *Manual and Industrial Arts* 8

NILES SPEANER EASTERDAY — Frederick Co. — *Frederick*
Manual and Industrial Arts 1, 6, and 7

MARGARET WAUGH EBAUGH — Baltimore — 2312 *Arunah Av.*
Education 14 and 17

CATHERINE GRETSHEN EBERT — Baltimore — 9 *S. Woodlawn Av.*
Education 8, 9, and 16

JENNIE ECKEL — Baltimore Co. — *Towson*
Education 18B

EDNA MARIE EISENBRANDT — Baltimore — *Ridge Rd.*
A. B. Goucher College 1916 *French* 2

HOWARD CLIFTON ELEY — Queen Anne's Co. — *Barclay*
Manual and Industrial Arts 1, 2, and 7

LILLIAN HOMER ELGIN (Mrs.) — Bennettsville, S. C. — 115 *W. Monument St.*
A. B. Columbia College 1909 *Education* 19; *History* 1 and 2

SAILE FORD ELLENDER — Baltimore — 1917 *Eutaw Pl.*
Journalism 1 and 2; *Psychology* 1

DOROTHY EMMA EMLET — Hanover, Pa. — *Randallstown*
Education 6 and 20

KATHERINE CLARA ERLMEIER — Baltimore — 226 *S. Third Av.*
Biology 2; *Education* 23; *Music* 2

MARY EMMA EUBANK — Baltimore — 1629 *St. Paul St.*
Education 18B and 22; *Music* 1

MARIE LETITIA FARRAN — Baltimore — 317 *E. North Av.*
Home Economics 2

DAVID MENDEL FARRELL — Portsmouth, Va.
Johns Hopkins University *Biology* 1 and 2

LETITIA CHARLOTTE FARRELL — Anne Arundel Co. — *Annapolis*
Johns Hopkins University *History* 2 and 3; *Manual and Industrial Arts* 8

MAUDE AUGUSTA FELL — Cecil Co. — *Calvert*
Education 6, 13, and 18A

LAURA MARION FICK — Baltimore — 136 *W. Virginia Av.*
Italian 2

ROSE MEEHAN FIELDS (Mrs.) — Baltimore — 611 *St. Paul St.*
Education 17; *Hygiene*

ELLWOOD NELSON FILBERT — Baltimore — 2325 *Oliver St.*
Manual and Industrial Arts 1, 3, and 7

ANNA DORIS FINESINGER — Baltimore — 2518 *Keyworth Av.*
Johns Hopkins University *Education* 9, 18B, and 22

LEONA ELIZABETH FINNELL — Baltimore — 1702 *Bolton St.*
Education 6 and 7; *Psychology* 2

ALEXANDER MURRAY FISHER — Baltimore Co. — *Eccleston*
Chemistry 1

LOUISE BATES FISHER — Caroline Co. — *Denton*
A. B. Western Maryland College 1922 *Education* 6 and 13; *Psychology* 2

CLARA BROOKS FISHPAUGH — Kayford, W. Va. — *Cockeysville*
A. M. Bethany College 1912 *Education* 5; *Psychology* 1 and 2

FRANCES E. FLORY — Frederick Co. — *Thurmont*
Education 18A; *Home Economics* 3

FLORENCE OLA FLUHARTY — Baltimore — 5 *Longwood Rd.*
Education 17; *Psychology* 2 and 3

SAMUEL E. L. FOGELSANGER — Queen Anne Co. — *Stevensville*
Education 1, 6, and 19

SERENA HELEN FOGERSON — Aurora, Mo. — *Millersville*
Education 6; *French* 2 and 4

MARY AGNES FOLEY — Baltimore — 1811 *Fulton Av.*
Economics 1; *French* 6

KATHERINE E. FOUT — Frederick Co. — *Frederick*
Education 18B; *Geography; Music* 1

EDWIN FORREST — Baltimore — 1 *Gwynndale Av.*
Education 23; *Italian* 2; *Spanish* 2

LEWIS S. FORNEY — Baltimore — 3816 *Dalrymple Av.*
S. B. Johns Hopkins University 1920 *Manual and Industrial Arts* 5 and 6

SUZANNE WHEATLEY FOSTER — Logan, Va. — 2706 *N. Charles St.*
Education 9; *French* 6; *History* 3

MARY ELIZABETH FOWLER — Baltimore Co. — *Towson*
Education 30 and 31

DANIEL MORDECAI FOX — Baltimore — 1268 *E. North Av.*
English Composition 2; *English Literature* 4 and 5

GEORGE FOX — Anne Arundel Co. — *Annapolis*
S. B. St. John's College 1923 *Education* 12 and 18A; *Psychology* 2

GEORGE DEGRUCHY FOX — Anne Arundel Co. — *Annapolis*
Biology 1; *English Composition* 1

HENRIETTA FOX — Baltimore Co. — *Fullerton*
Education 19 and 24; *Psychology* 2

VIOLA FOX — Baltimore — 1728 *Bolton St.*
Education 8, 9, and 16

JAMES CLARENCE FRANCIS — Baltimore Co. — *Raspeburg*
Education 21 and 22; *Geography*

EDWARD FRANK FREDL — Baltimore — 907 *N. Wolfe St.*
Manual and Industrial Arts 7

CHARLES THOMPSON FREESE — Baltimore — 1427 *N. Fulton Av.*
Manual and Industrial Arts 1, 6, and 7

HILDA BERTHA FRIEDMAN — Baltimore — 935 *W. Lexington St.*
Education 16; *Geography*

OWEN FRIEND — Garrett Co. — *Friendsville*
S. B. St. John's College 1918 *Education* 1, 18A, and 19

ANNA IONIA FRIESE (Mrs.) — Carroll Co. — *Westminster*
Education 21 and 24; *Manual and Industrial Arts* 8

MADELINE FUHRMAN — Cass, W. Va. — *Hamilton*
Education 18B and 31; *Manual and Industrial Arts* 8

CLARA GAINES FULTON (Mrs.) — Anne Arundel Co. — *Annapolis*
A. B. Virginia Intermont College 1907 *Education* 5, 18B, and 27

MARGARET L. GALLOWAY — Baltimore — 819 *N. Fulton Av.*
History 2

ANNA PERLE GARVER — Baltimore — 2203 *N. Charles St.*
History 3

JEFFERSON MONROE GEOGHEGAN — Somerset Co. — *Upper Fairmount*
Education 19 and 21; *Geography*

MARGARET CORE GEORGE — Baltimore Co. — *Randallstown*
Economics 1; *Education* 9; *English Literature* 1

HELEN S. GERAGHTY — Baltimore — 2126 *Maryland Av.*
English Composition 1 and 2; *Journalism* 2

ELSA JOHANNA GERBODE — Baltimore — 1720 *E. 25th St.*
Johns Hopkins University *Education* 6 and 13; *German* 1

PHARES B. GIBBLE — Baltimore — 112 *N. Conway St.*
A. B. Lebanon Valley College 1915 *Arabic*

MAUD GIBBONS — Prince George's Co. — *Upper Marlboro*
Education 6, 7, and 9

FREDERIC ANDREWS GIBBS — Baltimore Co. — *Ruxton*
Hygiene; Philosophy 1 and 2

PAUL BATES GILLEN — Baltimore — 11 *E. Hamilton Av.*
Manual and Industrial Arts 1, 6, and 7

HENRY GINSBERG — Baltimore — 237 *N. Gay St.*
Johns Hopkins University *Chemistry* 1

CAROLYN VIRGINIA GLANDING — Baltimore — 1641 *Ellamont St.*
Education 28 and 29

ESTHER GOMBOROV — Baltimore — 4014 *Belle Av.*
English Composition 1 and 3; *English Literature* 4

ELEANOR PATTERSON GRAHAM — Baltimore — 102 *Ridgewood Rd.*
A. B. Vassar College 1920 *Biology* 1 and 2

ALMA BELLE GRAVENOR — Wicomico Co. — *Sharptown*
Education 21, 22 and 23

ELLEN HEPBURN GRAY — Baltimore Co. — *Reisterstown*
Johns Hopkins University *English Composition* 1; *English Literature* 5; *Spanish* 2

JOSEPH ELLIOTT GREEN — Baltimore — 205 *N. Fulton Av.*
A. B. Johns Hopkins University 1908 *Education* 7 and 8

MARY NINA GREEN — Baltimore — 7 *Beechdale Rd.*
Economics 2; *English Composition* 2 and 3

HELEN VIOLA GREENHOLT — Baltimore Co. — *Hamilton*
Johns Hopkins University *English Literature* 4; *History* 2

ARTHUR LAWRENCE GREENWOOD — Kent Co. — *Millington*
Education 6 and 19; *Manual and Industrial Arts* 7

CHARLES DUNCAN GREGORY — Baltimore — 2649 *Maryland Av.*
S. B. Wake Forest College 1916 *Mathematics* 1

GEORGE GREGORY GRIM — Savannah, Ga.
S. B. Johns Hopkins University 1921 *Education* 2, 3, and 6

ERVIN CYRUS GRIMM — Dallastown, Pa. — 1425 *Poplar Grove St.*
Manual and Industrial Arts 1, 2, and 6

EDWARD CONRAD GRIMMER — Cape Charles, Va.
Education 6; *Psychology* 3

ALEXANDER BROWN GRISWOLD — Baltimore — *Linden Hill*
Italian 3

MARY LORETTO GROENINGER — Baltimore — 2519 *Guilford Av.*
Education 25; *Manual and Industrial Arts* 8; *Psychology* 3

MARY AGNES GROGAN — Baltimore — 3317 *Westerwald Av.*
Johns Hopkins University *Education* 19; *English Literature* 1; *Psychology* 2

WILLIAM BOTELER GROSS — Frederick Co. — *Brunswick*
Johns Hopkins University *Economics* 1; *English Literature* 4; *History* 2

RUSSELL CLARK GROVE — Strasburg, Va. — 520 *N. Broadway*
A. B. Roanoke College 1922 *German* 1

MARION GRUBB — Queen Anne Co. — *Sudlersville*
Education 7; *French* 1, 2, and 3

IOLA GRUMBINE — Baltimore — 609 *N. Carey St.*
Education 18A; *Geography; History* 3

SISTER M. CATHERINE (GURRY) — Baltimore — *Mt. St. Agnes' College*
A. B. Mt. St. Agnes College 1916; A. M. Johns Hopkins University 1921 *Education* 7

GERTRUDE GUYES — Baltimore — 3022 *Evergreen Ter.*
Education 5, 16, and 17

MARY ELLA GWIN — Baltimore — 4303 *Maine Av.*
Education 17; *Geography; Hygiene.*

FRANCIS BERNARD GWYNN — Charles Co. — *La Plata*
A. B. St. John's College 1907 *Education* 2 and 3; *Psychology* 2

KLEIN KINZER HADDAWAY — Baltimore — 2504 *Garrison Blvd.*
A. B. George Washington University 1920 *French* 7; *Philosophy* 2; *Psychology* 1

SUSAN LEONORA HAILE — Baltimore — 3226 *Abell Av.*
Education 18B and 24

MARY EVELYN HAINES — Baltimore Co. — *Dundalk*
Johns Hopkins University *Education* 15 and 18A; *History* 3

ELIZABETH BURNICE HALL — Baltimore — 918 *Newington Av.*
Home Economics 2 and 3; *Hygiene*

ELMER ELLSWORTH HALL — Baltimore — 2023 *E. Preston St.*
Johns Hopkins University *Education* 6; *Manual and Industrial Arts* 5 and 7

JOHN WESLEY HALL — Baltimore Co. — *Parkton*
Chemistry 3

LESTER AUGUSTUS HALL — Delmar, Del. — 2706 *N. Charles St.*
A. B. Western Maryland College 1913 *Education* 1, 6, and 10

SPENCER ROSSELL HALL — Baltimore — 2023 *E. Preston St.*
Johns Hopkins University *Education* 6 and 12; *Manual and Industrial Arts* 7

KINGMAN ARTHUR HANDY — Baltimore — 902 *University Pkwy.*
Psychology 2

ETTA BRIDGET HANIGAN — Howard Co. — *Woodstock*
Education 21, 24, and 27

ALICE ESTHER HANNA — Harford Co. — *Joppa*
Economics 1; *Education* 5 and 23

EVA LUELLA HARBAUGH — Frederick Co. — *Sabillasville*
Education 2, 6, and 13

ALICE DAVIS HARDTNER — Baltimore — 2004 *Bolton St.*
Music 1 and 2

EDITH ELIZABETH HARMAN — Anne Arundel Co. — *Hanover*
Education 18A and 23

MARY HELEN HARMAN — Anne Arundel Co. — *Hanover*
Education 18B; *English Literature* 4

SUSAN EMOLYN HARMAN — Prince George's Co. — *College Park*
A. B. Nebraska University 1917 and A. M. 1918 *Philosophy* 2; *Psychology* 1 and 2

ELIZABETH VIRGINIA HARMON — Anne Arundel Co. — *Eastport*
Education 5 and 18B; *Psychology* 2

MARY GERVASE HARRIS — Baltimore — 105 *S. Fulton Av.*
French 7

HANNAH MILLER HARRISON — Greenville, S. C. — 1907 *Linden Av.*
Education 18B; *Manual and Industrial Arts* 8; *Music* 1

MARGARET EDITH HARRISON — Baltimore — 2902 *Chelsea Av.*
Music 1 and 2; *Psychology* 3

WILLIAM SEBASTIAN HART — Baltimore — 1744 *Aliceanna St.*
Johns Hopkins University *Education* 6, 28, and 29

ANNA VIRGINIA HATTER — Baltimore — 616 *Lennox St.*
Education 18B; *English Composition* 2; *Music* 2

RUBY F. HAYMAN — Wicomico Co. — *Rockawalking*
Education 21 and 22; *Music* 1

MABEL LANKFORD HEAVENER — Montgomery Co. — *Kensington*
Education 4; *Music* 1 and 2

LILLIAN ELIZABETH HEISER — Baltimore Co. — *Irvington*
Education 12 and 16; *Geography*

JOHN TIFFANY STANSFIELD HELM — Carroll Co. — *New Windsor*
A. B. Blue Ridge College 1921 *Education* 6 and 10; *Psychology* 2

HELEN E. HENDERSON — Baltimore — 823 *Hamilton Ter.*
Education 21; *English Composition* 2

LOUIS WILLIAM HERBST, JR. — Baltimore — 1933 *E. 30th St.*
Manual and Industrial Arts 2, 5, and 7

SARA ELIZABETH HERMAN — Baltimore — *The Walbert Apts.*
Journalism 1 and 2; *Spanish* 2

LILLIAN M. HERRERA — Baltimore — 1222 *W. Lafayette Av.*
Education 12 and 15; *English Composition* 1

HARRIET CROFT HESLOP — Baltimore — 900 *St. Paul St.*
Home Economics 1, 2, and 3

ROBERT EDMUND HEYN — Baltimore — 2644 *N. Calvert St.*
Johns Hopkins University *Geography; History* 3

RACHEL ELIZABETH HICKERSON — Montgomery Co. — *Germantown*
Biology 1 and 2

SISTER MARY JOSEPHA (HIGGINS) — Baltimore — *Mt. St. Agnes College*
A. B. Mt. St. Agnes College 1907 *English Literature* 3; *German* 2

FLOYD HOUSE HIGHTMAN — Frederick Co. — *Burkittsville*
Education 12; *Geography; Politics* 2

MARGIE LILLIAN HILL — Baltimore — 2203 *Barclay St.*
Education 18B and 25

MABEL CHELTON HINTON — Reedville, Va. — 2710 *N. Charles St.*
Education 21, 22, and 23

ELIZABETH JANE HISS — Baltimore — 415 *Hawthorne Rd.*
English Composition 2; *Journalism* 1 and 2

ARTHUR HODGES — Baltimore — 2315 *N. Charles St.*
Johns Hopkins University *English Literature* 1 and 5

MARIE HOFMANN — Baltimore — 3304 *Clifton Av.*
Education 28 and 29

RHODA ANN HOFFMAN — Baltimore — 5443 *Ethelbert Av.*
French 6; *Manual and Industrial Arts* 8

LOTTIE DORETTA HOKE — Frederick Co. — *Emmitsburg*
A. B. St. Joseph's College 1911 *Education* 6; *English Literature* 4 and 5

NELL HOLLJIS — Baltimore — 3018 *N. Calvert St.*
Education 28 and 29

MARY ELIZABETH HOLLOWAY — Baltimore — 2006 *E. 31st St.*
Education 15; *History* 3

V. NAOMI HOOVER — Washington Co. — *Smithsburg*
Education 27 and 30; *Geography*

FRANCES PEARL HOPKINS — Wicomico Co. — *Salisbury*
Education 5; *Music* 3; *Psychology* 3

LEONARD FRANCIS HOPKINS — Baltimore — *Mt. St. Joseph's College*
Education 5; *Psychology* 3

MARY VIRGINIA HOPKINS — Baltimore — *Orangeville*
Education 18B and 26; *English Literature* 4

RUTH GUYTON HOPKINS — Baltimore — 726 *E. 21st St.*
Education 19 and 24; *Psychology* 2

MARTHA FLORENCE HORNER — Baltimore — 1814 *N. Broadway*
Education 8 and 9

WILLIAM EDWARD HORNER — Greenwood, Del. — 2627 *Maryland Av.*
Education 6; *English Literature* 2; *History* 1

GRACE ALLEM HOTTENSTEIN (Mrs.) — Millersburg, Pa. — 3916 *Kate Av.*
Education 8, 15 and 18A

ELSIE ELIZABETH HOWARD — Wicomico Co. — *Sharptown*
Education 21, 22 and 23

ETHEL HOWARD — Baltimore — 1901 *W. Lafayette Av.*
History 3

ROLLIN CARL HUDSON — Baltimore Co. — *Towson*
Johns Hopkins University *English Literature* 5

RUTH PASSMORE HULL — Baltimore — 2603 *Lyndhurst Av.*
English Literature 1; *Mathematics* 2

PHILENA M. HUTTON — Baltimore Co. — *Kingsville*
S. B. Johns Hopkins University 1918 *Education* 8 and 10; *Psychology* 2

JOSEPHINE ROHR HUTZELL — Washington Co. — *Boonsboro*
Education 21; *English Composition* 2; *Home Economics* 3

RICHARD ELKINS HYDE — Martinsburg, W. Va. — 2731 *N. Calvert St.*
A. B. West Virginia University 1921 *Education* 1, 6, and 19

SISTER MARY PIUS (HYLAND) — Baltimore — *Mt. St. Agnes College*
A. B. Mt. St. Agnes College 1906; A. M. Johns Hopkins University 1919 *Education* 11

SADYE MAY INSLEY — Wicomico Co. — *Bivalve*
Education 18B, 22, and 25

WALTER REID IRVING — Anne Arundel Co. — *Waterbury*
Johns Hopkins University *Education* 2 and 18A; *French* 7

CLARENCE ISAACS — Baltimore — 4101 *Forrest Park Av.*
English Composition 1 and 3; *English Literature* 4

ALVEY M. ISANOGLE — Carroll Co. — *Westminster*
A. B. St. John's College 1898 *Education* 1; *Psychology* 1

MARGUERITE FRANCES JACKMAN — Baltimore — 1929 *E. 31st St.*
Music 3; *Psychology* 3

ELIZABETH VAUGHAN JACOBS — Wicomico Co. — *Salisbury*
Johns Hopkins University *Biology* 2; *English Literature* 4; *Mathematics* 3

ANNE JACOBSON — Baltimore — 4000 *Park Hghts Av.*
Education 18B, 22, and 25

ROSE ETHEL JACOBSON — Baltimore — 4000 *Park Hghts Av.*
Education 18B, 22, and 25

BERTHA CANNON JEFFERSON (Mrs.) — Ellendale, Del. — 2705 *St. Paul St.*
Education 22, 23, and 27

OTIS PAYNTER JEFFERSON — Ellendale, Del. — 2705 *St. Paul St.*
Education 1, 19, and 23

THOMAS MITCHELL JENIFER — Baltimore Co. — *Loch Raven*
Johns Hopkins University *Biology* 1; *English Literature* 1; *Journalism* 2

ELLA CELESTE JENKINS — Baltimore — 1726 *W. Lanvale St.*
Education 18B

GENEVA MCCUBBIN JENKINS — Anne Arundel Co. — *Glen Burnie*
Education 5 and 18B; *Manual and Industrial Arts* 8

NAN RACHEL JENKINS — Nesquehoning, Pa. — 709 *W. North Av.*
Education 18B, 19 and 22

RUTH KATHERINE JENKINS — Baltimore — 318 *E. 22d St.*
Economics 2; *English Composition* 2 and 3

THEODORA JENKINS — Baltimore — 2503 *N. Charles St.*
Education 21, 23, and 24

WILEY WILLARD JENKINS — Carroll Co. — *Westminster*
Education 6; *Italian* 3; *Psychology* 2

MILDRED ELIZABETH JESTER — Harrington, Del. — 2134 *Bolton St.*
Education 18B and 19; *English Literature* 4

BLANCHE NAOMI JOHNSON — Baltimore — 307 *Warren Av.*
Education 28 and 29; *Music* 2

HELEN MAY JOHNSON — Baltimore — 317 *E. North Av.*
Johns Hopkins University *English Literature* 1; *Psychology* 1 and 2

ANNA JANE JOHNSTON — Baltimore — 2001 *Guilford Av.*
Education 18B

GORDON GROVER JONES — Baltimore Co. — *Colgate*
A. B. Wesleyan College 1917 *History* 1 and 2

MINOR COOPER KEITH JONES — Baltimore Co. — *Mt. Washington*
Chemistry 1 (lects.)

NEVA MURIEL JONES — Talbot Co. — *Trappe*
Education 4 and 22; *Music* 1

RICHARD BRADLEY JONES — Anne Arundel Co. — *Mayo*
Biology 1; *Education* 21; *English Composition* 1

SARAH ANNE JONES — Queen Anne Co. — *Chester*
Education 21, 22 and 27

ROSINA COBLENS JOSEPH — Baltimore — 1513 *Eutaw Pl.*
Johns Hopkins University *English Composition* 3; *English Literature* 4; *Hygiene*

FANNIE KAHN — Baltimore — *Marlborough Apts.*
Spanish 2

KARL HAROLD KAISER — Anne Arundel Co. — *Arnold*
S. B. Washington College 1920 *Education* 5 and 19; *Music* 3

GENEVIEVE KEEN — Nottingham, Pa.
Education 21 and 23; *English Literature* 2

SUE EMMA MONTGOMERY KEEN — Nottingham, Pa.
Education 21, 23, and 27; *English Composition* 1

MARY AGNES KEENAN — Baltimore — 3118 *N. Calvert St.*
English Composition 3; *Italian* 3; *Politics* 1

MILTON MAURICE KELLERT — Baltimore — 4056 *Park Hghts. Av.*
Manual and Industrial Arts 1, 2, and 7

BESSIE KELLY — Harford Co. — *Bel Air*
Education 22 and 27; *Manual and Industrial Arts* 8

BENJAMIN HARTON KENDALL — Shelby, N. C. — 2710 *N. Charles St.*
French 6 and 7; *German* 2

ELIZABETH MARY KENNEDY — Belle Vernon, Pa. — *Annapolis*
History 3; *Psychology* 2

ESTHER KATHARINE KING — Anne Arundel Co. — *Annapolis*
Education 5, 18B, and 27

JENNIE KLAWAN — Baltimore — 2408 *Westwood Av.*
English Composition 2; *Geography*

CHARLES EWALD KLEPPER — Baltimore — 149 *N. Wolfe St.*
Manual and Industrial Arts 3, 6, and 7

GEORGE YOUNG KLINEFELTER — Baltimore — 3211 *N. Charles St.*
Johns Hopkins University *Geography; History* 2; *Politics* 2

ADA M. KNIGHT — Dunnellon, Fla. — 601 *Linnard St.*
M. B. Florida State College 1920 *Music* 3

MINNIE BRUNING KNIPP — Baltimore — 1002 *W. Lanvale St.*
A. B. Goucher College 1917 *Education* 7; *Psychology* 2

ANNA ELIZABETH KNOWLES — Greenwood, Del.
Education 8; *English Literature* 3; *French* 5

GLADYS NELLIE KNOX — Carroll Co. — *Finksburg*
Education 18B and 22; *Music* 1

MILDRED OLIVE KNOX — Carroll Co. — *Finksburg*
Education 18B and 22; *Music* 1

CHARLES HAVEN KOLB — Baltimore — 306 *W. Hamilton Av.*
A. B. Western Maryland College 1902 and A. M. 1905 *Education* 1, 6, and 12

HELEN KRAMER — Baltimore — 319 *E. 25th St.*
Education 17; *Hygiene*

NORMA RAU KRAMER — Baltimore — 2308 *N. Fulton Av.*
Education 18B and 22; *Psychology* 2

HARRY WILLIAM KRAUSSE — Baltimore — 2703 *Westwood Av.*
Johns Hopkins University *Manual and Industrial Arts* 1 and 6

KARL LEE KREGLOE — Clifton Forge, Va. — *Cecil Apts.*
Education 19; *French* 6 and 7

ELLA VIRGINIA KRIEG — Frederick Co. — *Buckeystown*
Education 4 and 24; *Music* 1

EVA ELSIE KRUG — Baltimore — 2828 *E. Baltimore St.*
A. B. Goucher College 1921 *Education* 9 and 11; *History* 2

KATHARINE BARBARA KRUG — Baltimore — 828 *E. Preston St.*
Education 28 and 29

TE-MING KU — Peking, China — 2625 *Maryland Av.*
Johns Hopkins University *Economics* 1; *History* 3; *Politics* 1

SELMA KUDER — Baltimore — 2109 *Brookfield Av.*
Education 12; *Music* 2 and 3

AUSTIN ALGERNON LAMAR, JR. — Frederick Co. — *Middletown*
Johns Hopkins University *Economics* 1; *Geography; History* 2

EMERSON LAMB — Baltimore — 818 *W. 40th St.*
A. B. Bryn Mawr College 1912 *Education* 18B and 19; *French* 1

MARY ELIZABETH LAMB — Baltimore — 3510 *Duvall Av.*
L. B. Swarthmore College 1894 *Education* 6

ELEANOR WILLIAMS LA MOTTE — Baltimore — 2001 *Guilford Av.*
Education 5 and 23; *History* 3

OSCAR BATES LANDON — Somerset Co. — *Crisfield*
Education 18B and 21; *Psychology* 2

HATTIE CARRIE LANGLEY — Baltimore — 6019 *Foster Av.*
Education 8 and 9

MARY ELIZABETH LANSDALE — Baltimore — 2200 *Mt. Royal Ter.*
Chem. B. Cornell University 1921 *Education* 6 and 10; *Psychology* 2

NEVA PHARES LANSDALE — Allegany Co. — *Cumberland*
A. B. Western Maryland College 1914 *Education* 6 and 10; *Psychology* 2

EDITH LATANE — Baltimore — *Plaza Apts*
A. B. Goucher College 1896 *Economics* 1 and 2

EMMA JANE LAYFIELD (Mrs.) — Somerset Co. — *Manokin*
Education 18B, 22, and 27

ESTHER LAZARUS — Baltimore — 2131 *Callow Av.*
Economics 1; *English Composition* 1; *Philosophy* 2

HOWARD GWYNN LEASE — Baltimore — 1944 *Edmondson Av.*
Manual and Industrial Arts 1, 6, and 7

MAUD JULIA LE CORGNE — New Orleans, La. — 2103 *N. Charles St.*
English Literature 4; *Spanish* 3

FAT CHANG FRANK LEE — Baltimore — 211 *W. Mulberry St.*
English Composition 1; *French* 7

MINNIE VIRGINIA LEE — Baltimore — 1505 *Bolton St.*
Biology 1 and 2

CLAUDE MEHRING LE FEVRE — Littlestown, Pa. — 2707 *N. Calvert St.*
Education 14; *Mathematics* 2 and 3

MARY CUSHWA LEITER — Washington Co. — *Williamsport*
Education 21 and 24; *Psychology* 2

FRANCES DALE LEMEN — Baltimore — 20 *Augusta Av.*
English Literature 5; *History* 2; *Psychology* 2

BEATRICE DOROTHY LEVIN — Baltimore — 1427 *W. Baltimore St.*
Johns Hopkins University *Education* 28 and 29; *English Literature* 4

ALICE MAY LEWIS — Baltimore — 14 *N. Carey St.*
Education 8 and 12

ELSIE LEE LEWIS — Baltimore — 6217 *Wildey Av.*
A. B. Goucher College 1911 *Education* 1, 2, and 6

MARY HORTENSE LEWIS — Hallwood, Va. — 3101 *N. Calvert St.*
S. B. College of William and Mary 1921 *Home Economics* 1, 2, and 3

THOMAS WILLIAM LEYDON — Baltimore Co. — *Pikesville*
Johns Hopkins University *Education* 1

CHARLES BRUNO LIEBMANN — Baltimore — 709 *N. Luzerne St.*
Manual and Industrial Arts 1, 6, and 7

ROBERT HOMER LIKELY — Harford Co. — *Jarrettsville*
A. B. Hastings College 1915 *Education* 1 and 11; *History* 2

MARY JOENNA LILLY — Howard Co. — *Ellicott City*
Education 5; *Psychology* 2

EARL FREDERICK LIMBACH — Massillon, Ohio — 3000 *N. Calvert St.*
Johns Hopkins University *Biology* 1; *Spanish* 3

GEORGIANA LINTHICUM (Mrs.) Anne Arundel Co. *Annapolis*
English Composition 3; *Hygiene; Psychology* 2

MARIE LUCILE LINTHICUM Anne Arundel Co. *Annapolis*
S. B. Johns Hopkins University 1923 *English Literature* 3; *Italian* 1

MARY KNIGHT LINTHICUM Anne Arundel Co. *Annapolis*
Education 5 and 18B; *Music* 1

ELIZABETH ETHEL LINTON Baltimore 2207 *Callow Av.*
A. B. Goucher College 1911 *Education* 8, 9, and 12

GERTRUDE MATILDA LOCHER Washington, D. C. 810 *Park Av.*
Music 3

HARRY GEORGE LONG Baltimore 111 *S. Bouldin St.*
Economics 1; *English Composition* 1; *Politics* 1

JAMES ANSON LONGAN Baltimore 2100 *Dobler Av.*
S. B. St. John's College 1920 *Education* 1 and 6; *Psychology* 2

IDA GERTRUDE LORMAN Baltimore 2317 *Guilford Av.*
Education 18B.

LILLIAN FARMER LUCAS (Mrs.) McClellanville, S. C. 3324 *Gilman Ter.*
Education 21, 22, and 27

ELISE LEACOCK LUCKETT Baltimore 2315 *N. Calvert St.*
Education 18B and 23; *English Composition* 2

MARY SUSANNA LUTZ Baltimore 2518 *Francis St.*
A. B. Lebanon Valley College 1919 *French* 3 and 4; *Psychology* 2

RICHARD SHERMAN LYMAN Baltimore *Johns Hopkins Hospital*
A. B. Yale University 1913; M. D. Johns Hopkins University 1921 *Spanish* 3

BRANFORD GIST LYNCH (Mrs.) Baltimore 1140 *Longwood St.*
Biology 1 and 2

MAUDE C. MACARTHUR Baltimore 519 *N. Wolfe St.*
Education 16 and 18A; *Geography*

ALICE ELIZABETH MAGINNIS Baltimore 700 *E. 21st St.*
A. B. Goucher College 1921 *Education* 1, 7, and 15; *Mathematics* 3

ALBERTUS MAHONEY Wheeling, W. Va.
Mt. St. Joseph's College
A. B. Mt. St. Joseph's College 1920 *Chemistry* 1

ADA OLIVIA MALLONEE Baltimore Co. *Pikesville*
Education 12; *Home Economics* 2

ELIZA LOUISE MALLONEE Baltimore Co. *Pikesville*
Education 5, 20, and 25

MATILDA BACKUS MALOY (Mrs.) Baltimore 1829 *Eutaw Pl.*
Biology 2; *Economics* 2

MARY ANN MANLEY Allegany Co. *Midland*
Education 17; *Hygiene; Psychology* 2

FRANCES MARION MANNING Baltimore 3421 *Mondawmin Av.*
A. B. Goucher College 1913 *Education* 8, 17, and 18A; *Psychology* 2

THOMAS GEORGE MARCIN Baltimore Co. *Stemmers Run*
A. B. Loyola College 1922 *Chemistry* 1 (lectures)

SARAH ETHEL MARKER Carroll Co. *Westminster*
A. B. Western Maryland College 1922 *Biology* 2; *Education* 9 and 31

BELLE ROWE MARLOW Prince George's Co. *Laurel*
Education 22; *Music* 1

CHARLES RICHARD MARTIN, JR. Baltimore 601 *E. 28th St.*
Johns Hopkins University *Economics* 1; *French* 2; *Philosophy* 2

THELMA ESTELL MARVEL Dorchester Co. *Cambridge*
Education 21 and 22; *Music* 1

HENRIETTA MASBACH Baltimore 1112 *N. Eutaw St.*
A. B. Goucher College 1921 *Education* 5; *Psychology* 2

JOSEPHINE MATHERS Baltimore 1745 *Park Av.*
Education 23; *English Composition* 1

WILLA VENESE CARTER MAYER — Baltimore — 1216 *Mosher St.*
Biology 1 and 2

CLARENCE ALVEY MCBRIDE — Baltimore — 2513 *N. Charles St.*
A. B. St. John's College 1905 *Education* 1, 6 and 19

ROBERT RANKIN MCCANN — Baltimore Co. — *Parkton*
Education 21 and 22; *Geography*

MARK MCCARTHY — Baltimore — *Mt. St. Joseph's College*
Education 19; *French* 5

EDITH BENDER MCCLEARY (Mrs.) — Baltimore — *Howard Pk.*
Education 18A; *History* 2 and 3

ANNA SEDONIA MCCLINTOCK — Baltimore — 229 *N. Linwood Av.*
Education 18A; *Geography; History* 3

SISTER M. DIOMIRA (MCCUE) — Baltimore — 954 *Harlem Av.*
A. B. St. Mary's College 1921 *Economics* 1; *French* 6

KATHLEEN MCDERMITT — Allegany Co. — *Mt. Savage*
Education 21 and 23; *Spanish* 2

NELLIE GERTRUDE MCGEE — Baltimore — *Hill Top Pk.*
Education 15 and 17; *Hygiene*

ANNA MARIA NEWMAN MCGONIGLE — Baltimore — 4000 *Groveland Av.*
Education 30 and 31

MARJORIE MCGONIGLE — Baltimore — 1600 *Johnson St.*
Education 8 and 9; *English Literature* 3

HILDA CATHARINE MCGUIGAN — Baltimore Co. — *Halethorpe*
Education 19 and 24; *Psychology* 2

MARY JOSEPHA MCGUIGAN — Baltimore Co. — *Halethorpe*
Education 19 and 24; *Psychology* 2

MARY AMELIA MCKINLEY — Baltimore — 602 *Ravenswood Av.*
Home Economics 1 and 2

IRENE ISABEL MCLAUGHLIN — Baltimore — 405 *E. North Av.*
Education 18A; *English Literature* 5; *History* 2

HENRIETTA MCMAHAN — Talbot Co. — *Easton*
Education 18B; *Manual and Industrial Arts* 8

AUSTIN JOSEPH MCNAMEE — Baltimore — *Mt. St. Joseph's College*
Education 19; *French* 5

JAMES HUBERT MCNEILL — Washington, D. C. — 1645 *Park Rd.*
Johns Hopkins University *Embryology*

ERNEST THOMAS MCNUTT — Baltimore — 4315 *Fernhill Av.*
A. B. Western Maryland College 1898 *Education* 10; *Mathematics* 1

GWENDOLYN MCWILLIAMS — Dorchester Co. — *Rhodesdale*
A. B. Western Maryland College 1922 *Education* 8, 9, and 11

ELIZABETH WINSTON MEADE — Montgomery Co. — *Ashton*
English Literature 5; *German* 1

HOPE WICKES MEEKS — Kent Co. — *Chestertown*
Education 22; *Manual and Industrial Arts* 8; *Music* 1

HUGO MELE — Baltimore — 502 *N. Payson St.*
Manual and Industrial Arts 2, 4, and 7

SADIE MELTZER — Baltimore — 210 *S. Ann St.*
Education 18B; *Music* 1 and 2

GLADYS EDNA MELVIN — Queen Anne's Co. — *Grasonville*
Education 18B, 22, and 27

JACK MENDELL — Key West, Fla. — 2723 *Maryland Av.*
Johns Hopkins University *English Composition* 1 and 2; *History* 1

JOEL MENDELS — Baltimore — *Strathmore and Hope Avs.*
Biology 1; *English Composition* 3; *German* 2

GRACE ANN MERRYMAN — Carroll Co. — *Hampstead*
Education 18B, 21 and 24

IRIS LEE MESSICK — Wicomico Co. — *Tyaskin*
Education 8, 22 and 23

ALEXANDER ROBERTSON MIDDLETON — Queen Anne's Co. — *Centreville*
Johns Hopkins University *French* 4 and 5; *Politics* 1

EDWARD F. MILINAUSKY — Baltimore — *Raspeburg*
Johns Hopkins University *Chemistry* 1

EDITH VIRGINIA MILLER — Baltimore — 3017 *St. Paul St.*
Johns Hopkins University *Education* 8, 9, and 13

JULIA LETITIA MILLER — Baltimore — *Roland Pk.*
Education 8; *French* 7

MARY ISABELLE MILLER — Baltimore — 3303 *Walbrook Av.*
Johns Hopkins University *Chemistry* 4

JAMES CHURCHILL MILLS — Baltimore — 853 *Park Av.*
Johns Hopkins University *English Composition* 1; *French* 7

ETHEL PAULINE MITTEN — Carroll Co. — *Westminster*
Economics 2; *Education* 6; *English Composition* 1

MARY CATHERINE MONK — Baltimore — 3614 *Sycamore St.*
Education 18B, 21, and 24

HADASSAH JOANNA MOORE — Montgomery Co. — *Sandy Spring*
Johns Hopkins University *Education* 10; *English Literature* 3; *Philosophy* 2

MABEL E. MOORE — Lancaster, Pa. — 2518 *Frances St.*
A. B. Lebanon Valley College 1919 *French* 3 and 4; *Psychology* 2

MARIE EMMELION MOORE — Baltimore — 3007 *Belmont Av.*
Education 23; *Politics* 2

MARY EMMA MOORE — Baltimore Co. — *White Hall*
Education 18B, 21, and 22

MARY VERONICA MOORE — Baltimore — 3021 *McElderry St.*
Education 18B and 24

MELVIN LEROY MORITZ — Baltimore — 2730 *Fenwick Av.*
Manual and Industrial Arts 1 and 7

EDWARD ALLEN MORRIS — Baltimore — 4315 *Reisterstown Rd.*
A. B. Bates College 1921 *English Literature* 2; *Psychology* 2

EVELYN ASHTON MORRIS — Staunton, Va. — 3121 *Guilford Av.*
Economics 1; *Education* 6; *Psychology* 2

JOSEPHINE M. MORRIS — Baltimore — 535 *N. Carey St.*
Education 8, 9, and 17; *Hygiene*

CARRIE ELIZABETH MORRISON — Baltimore — 4210 *Groveland Av.*
Home Economics 1 and 2

EUSTIS ESPEY MORSBERGER — Baltimore — 2434 *N. Calvert St.*
Johns Hopkins University *English Literature* 3; *Journalism* 2

CHARLOTTE MOTTER — Frederick Co. — *Frederick*
Education 5, 18B and 22

ISABELLE WILHELMINA MUELLER — Baltimore — 1631 *Ashland Av.*
Johns Hopkins University *Education* 21 and 22; *Psychology* 2

KATHERINE FRANCES MUESSE — Baltimore — 1248 *N. Broadway*
Johns Hopkins University *English Literature* 1; *Psychology* 2 and 3

MARGARET ROMANA MULDOON — Harlan, Iowa — 113 *S. Broadway*
Italian 3; *Philosophy* 2; *Psychology* 2

STEPHEN MULLER — Baltimore Co. — *Upper Falls*
Education 21; *Geography; History* 3

NELLIE ELIZABETH ROYER MULLIGAN — (Mrs.) Baltimore — 26 *S. Payson St.*
A. B. Western Maryland College 1917 *Education* 9 and 10; *Hygiene*

THOMAS COLEMAN MULLIGAN — Baltimore — 26 *Payson St.*
A. B. Western Maryland College 1919 *Economics* 1; *History* 2; *Hygiene*

ALEXANDRIA WEEDON MULLIKIN — Talbot Co. — *Easton*
Education 8 and 13; *Psychology* 2

JAMES MCELDERRY MULLIKIN, JR. — Baltimore — 212 *Hawthorn Rd.*
Biology 1; *Economics* 2

GEORGE LELAND MURPHY — Dorchester Co. — *Rhodesdale*
Economics 1; *Education* 1 and 15

ELIZABETH MURRAY — Baltimore — 2932 *McElderry St.*
Education 21 and 24

MARGARET MYERLY — Carroll Co. — *Westminster*
Education 5, 18B, and 22

DELLA MARIE MYERS — Carroll Co. — *Westminster*
Education 21, 23, and 24

LILLIAN NATTIER — Neodesha, Kansas — 694 *Gladstone Av.*
Education 15 and 17

MARION CARLISLE NEEDHAM — Jacksonville, Fla. — 4806 *York Rd.*
S. B. Maryland College 1906 *Education* 18B and 22

MARION ALTHEA NELSON — Somerset Co. — *Crisfield*
Education 18A; *English Composition* 2; *History* 3

ALVIN NEUBERGER — Baltimore — 1725 *Linden Av.*
Johns Hopkins University *Economics* 1; *History* 2; *Psychology* 3

HELENE BRAFF DE NÉVELSTEN — Paris, France — 210 *Roland Av.*
Journalism 2

ETHEL NORRIS — Baltimore — 110 *E. 20th St.*
Johns Hopkins University *French* 3 and 5

LAURA VIRGINIA NORRIS — Baltimore — 3111 *Clifton Av.*
Music 1 and 3

FRANCES DOUB NORTH (Mrs.) — Baltimore — *Greenway Apts.*
Johns Hopkins University *Education* 6 and 12; *History* 3

THURLOW WASHBURN NULL — Carroll Co. — *Taneytown*
A. B. Gettysburg Theological Seminary 1905 *Education* 21 and 22; *Psychology* 2

WILLIAM JOSEPH O'BRENNAN — Baltimore — *Catonsville*
Education 2 and 21; *Psychology* 2

WINNIFRED ELIZABETH O'DELL — Baltimore Co. — *Randallstown*
Education 6 and 20

SEBASTIEN ODEND'HAL, JR. — Baltimore — 1206 *Linden Av.*
English Composition 3; *Geography; History* 3

ETHEL FORTENBAUGH OERTEL (Mrs.) — Baltimore — 1526 *Hollins St.*
Education 18B and 26

MARION OLIVER — Baltimore — 3725 *Harcourt Rd.*
Manual and Industrial Arts 2 and 7

MARGARET CHEETHAM O'NEAL (Mrs.) — LaGrange, Ga. — 1634 *N. Bentalou St.*
A. B. Goucher College 1912 *History* 1 and 2

ROSE OPPENHEIM — Baltimore — 1209 *W. North Av.*
Education 18B and 22

JESSIE B. ORR — Allegany Co. — *Lonaconing*
Education 21, 22, and 23

LESLIE W. ORR — Allegany Co. — *Lonaconing*
A. B. Western Maryland College 1912 *Education* 6 and 7; *English Literature* 4

EDNA OWENS — Wicomico Co. — *Mardela Springs*
Education 21, 23, and 24

MARY CAROLINE OYEMAN — Baltimore — 21 *Belmar Av.*
Johns Hopkins University *Education* 18B and 25

ALBERT GIBSON PACKARD — Spearfish, S. D. — *Denton*
Education 6 and 12; *Manual and Industrial Arts* 7

GEORGE LLOYD PALMER — Frederick Co. — *Frederick*
Johns Hopkins University *French* 3, 6, and 7

BEULAH DORCHESTER PARKER — Baltimore — 712 *Lennox St.*
Education 20, 21, and 23

RUTH PARKER — Anne Arundel Co. — *Glen Burnie*
Johns Hopkins University *Education* 18A and 19; *Psychology* 2

VERA REBECCA PARKER — Allegany Co. — *Cumberland*
A. B. Oskaloosa College 1922 *Education* 6; *Psychology* 2; *Spanish* 2

HELEN FAITHFUL PARKS (Mrs.) — Baltimore — 2424 *Barclay St.*
Education 18B and 25

MARY M. PARRISH (Mrs.) — Baltimore — 1746 *Park Av.*
A. B. Goucher College 1905 *Education* 8, 9, and 18A

RATLING JACK PARRISH — Kinbridge, Va. — 3000 *N. Calvert St.*
Education 9; *Spanish* 3

WILBUR CATRUP PEARCE — Anne Arundel Co. — *Annapolis*
English Composition 2 and 3; *English Literature* 3 and 4

GLENN RICHARD PEASE — Anne Arundel Co. — *Millersville*
A. B. Albion College 1915 *Education* 2 and 6

MARY AMANDA PERRIN — New Orleans, La.
A. B. Tulane University *Economics* 1; *Politics* 2

MARGARET GARTON PERRY — Baltimore — 1137 *N. Fulton Av.*
Economics 1; *Psychology* 2 and 3

RUTH ESTHER PERRY — Baltimore Co. — *Dundalk*
Education 18B, 22, and 25

ANNA PERSCH — Baltimore — 12 *N. Monroe St.*
Education 17; *Hygiene*

ANNA MARIE PERSOHN — Baltimore — 1212 *E. Monument St.*
Journalism 1 and 2

EMMA HELENA PICKER — Baltimore — 2228 *W. North Av.*
Home Economics 2; *Hygiene*

ROLAND SELLERS PIEL — Baltimore Co. — *Woodlawn*
Mathematics 2

SARAH ELIZABETH PIELERT — Baltimore Co. — *Bengies*
Education 22; *Geography*

SAMUEL PITLIK — Baltimore — 1818 *E. Baltimore St.*
A. B. Clark College 1917; A. M. University of Chicago 1918 *Arabic*

MARY ARMEDE POLAND — Allegany Co. — *Westernport*
Education 17, 21, and 23

CHARLES GORDON POST, JR. — New Brighton, N. Y. — 1811 *Park Av.*
Johns Hopkins University *German* 1; *Mathematics* 3

ETHEL MCCAW POST (Mrs.) — Baltimore — 3308 *Gilman Ter.*
Johns Hopkins University *Philosophy* 2; *Psychology* 1 and 2

NANNIE ELIZABETH POSTON — Baltimore — 1503 *N. Broadway*
Education 26; *Home Economics* 3; *Psychology* 1

MARY LEE POULTON — Baltimore — 614 *N. Arlington Av.*
Education 8 and 9; *English Composition* 1

DONALD WAYLES POWERS — Baltimore — 40 *Roland Av.*
A. B. Johns Hopkins University 1914 *Education* 6 and 12; *Psychology* 2

MARIAN PRICE — Baltimore — 732 *N. Gilmor St.*
Education 18B

ALICE DUDEK PRICE — Harford Co. — *Aberdeen*
A. B. Goucher College 1917; A. M. Johns Hopkins University 1923 *Education* 2 and 3; *Philosophy* 2; *Psychology* 3

HENRIETTA S. PURNELL — Allegany Co. — *Frostburg*
Education 19 and 22; *Manual and Industrial Arts* 8

JULIA A. QUINN — Allegany Co. — *Midland*
Education 22 and 27; *Psychology* 2

MARY MARGARET TERESA QUINN — Baltimore — 1614 *Hollins St.*
Education 5 and 18B; *Journalism* 2

CELIA QUITT — Baltimore — 2512 *Madison Av.*
Education 18B and 22

MARY B. RAIRIGH (Mrs.) — Caroline Co. — *Denton*
Education 18B, 21, and 22

ROBERT ESLEY RALEIGH — Baltimore — 3617 *Forest Park Av.*
Johns Hopkins University *German* 2; *History* 2; *Journalism* 2

MARY J. RANK (Mrs.) — Allegany Co. — *Frostburg*
Education 5 and 23; *Music* 1

LAURA P. REDMAN (Mrs.) — New York, N. Y.
A. B. Vassar College 1906 *Philosophy* 2

VIOLA REED — Baltimore — 2736 *Mosher St.*
English Composition 1; *Geography; History* 2

ANNIE A. REILLY — Allegany Co. — *Midland*
Education 22 and 27; *Psychology* 2

BRIDGETT VERONICA REILLY — Allegany Co. — *Midland*
Education 22 and 27; *Psychology* 2

VELMA GRACE REMLEY — Baltimore Co. — *Hamilton*
Education 5, 22 and 25

EBERHARD EDMUND REUTTER — Baltimore — 3717 *Edmondson Av.*
English Composition 1

MARY SUNDERLAND RICH — Baltimore — *Catonsville*
Education 7; *English Literature* 1 and 2

JANE R. RICHARDS (Mrs.) — Queen Anne's Co. — *Church Hill*
Education 5, 18B, and 20

HELEN AMANDA RICHARDSON — Harford Co. — *Norrisville*
Education 5, 22, and 27

ALICE W. RICHESON — Baltimore — 827 *N. Charles St.*
S. B. University of Richmond 1918 *Mathematics* 1

NANCY CORDELIA RIDOUT — Anne Arundel Co. — *Annapolis*
Education 23; *English Composition* 1; *History* 2

MARY VIRGINIA RILEY — Baltimore — 869 *Park Av.*
Education 16 and 17; *Geography*

HARVEY TILDEN RILL — Carroll Co. — *Hampstead*
Education 5 and 17; *Geography*

JOSEPHINE RIORDAN — Anne Arundel Co. — *Annapolis*
Education 19; *Music* 2 and 3

WILLIAM TOWNSEND RITTER — Baltimore Co. — *Woodlawn*
A. B. Johns Hopkins University 1921 *Education* 6, 10, and 13

ELIZABETH ROBINS — Baltimore — 226 *W. Lanvale St.*
English Composition 2

NATALIE MEGINNIS ROBINSON — Talbot Co. — *Royal Oak*
Education 5 and 24; *Psychology* 1

JANE FRANCES ROGERS — Baltimore Co. — *Riderwood*
Education 18B, 21, and 22

MARY ROGERS — Baltimore — 810 *N. Calvert St.*
Education 22; *English Composition* 1; *English Literature* 4

JESÚS MARIA ROLON — Aibonito, P. R. — 520 *Park Av.*
Johns Hopkins University *Philosophy* 1 and 2; *Psychology* 2

STANLEY CHARLES RONEY — Weyer's Lane, Va. — 2609 *N. Charles St.*
A. B. Hamilton College 1922 *Education* 8 and 9

JESSE RIGGS ROSSMAN. — Baltimore — *Catonsville*
Chemistry 4; *French* 7

EDNA ROTHHOLZ — Baltimore — 2108 *Bolton St.*
A. B. Goucher College 1914; A. M. Middlebury College 1921 *Education* 18A; *Spanish* 3

MARY ZOLLIKOFER ROWLAND — Baltimore — 1204 *Madison Av.*
A. B. Goucher College 1922 *French* 1, 2, and 3

MARY CATHERINE ROUTZAHN — Frederick Co. — *Myersville*
Education 20; *English Composition* 2; *Journalism* 2

NELLIE MAY ROYER — Allegany Co. — *Frostburg*
Johns Hopkins University *Education* 17; *English Literature* 4; *History* 3

RUTH ELVA RUHE — Baltimore — 3200 *Presbury St.*
A. B. Goucher College 1921 *French* 1; *Spanish* 1 and 2

EMMA JEANNETTE RUSSELL — Anne Arundel Co. — *Annapolis*
Education 5 and 18B; *Manual and Industrial Arts* 8

ISAAC WILLIS RUSSELL — Baltimore — 3902 *Groveland Av.*
Johns Hopkins University *English Literature* 2; *German* 1

MABEL N. RUSSELL — Garrettsville, O.
English Literature 5; *Home Economics* 2 and 3

METTA MOUND RUST — Baltimore — 1800 *Bolton St.*
Biology 1 and 2

ELIZABETH JANE RUTHERFORD — Baltimore — 344 *E. 22d St.*
A. B. University of Illinois 1919 and A. M. 1921 *Biology* 1 and 2

GRACE MABEL RUTTER — Caroline Co. — *Denton*
Education 14 and 18A

HENRIETTA RYLAND — Carroll Co. — *Westminster*
Education 18B, 22, and 27

THEODORE ENT SALTER — Baltimore — 223 *E. North Av.*
Music 1 and 2; *Psychology* 3

WALTER MORTIMER SAMSELL — Harford Co. — *Cardiff*
A. B. Randolph-Macon College 1911 *Education* 1, 6, and 10

ISRAEL SOLOMON SASLAW — Baltimore — 1113 *W. Baltimore St.*
Johns Hopkins University *Chemistry* 1

BLANCHE ELIZABETH SAUTER — Baltimore Co. — *Woodlawn*
Chemistry 4; *French* 7

NELLIE SCARBOROUGH — Harford Co. — *Street*
Education 15 and 17; *Hygiene*

EMMA ADALINE SCHAD — Baltimore — 1804 *N. Calvert St.*
Johns Hopkins University *English Composition* 1 and 3; *Hygiene*

FRIEDA SCHARF — Baltimore — 914 *N. Stricker St.*
Education 16 and 18A; *Geography*

HELENA CLARA SCHARF — Baltimore — 914 *N. Stricker St.*
Johns Hopkins University *English Composition* 3; *English Literature* 4; *Hygiene*

LILLIAN BARBARA SCHIMUNEK — Baltimore — 2844 *Hudson St*
Home Economics 1 and 2

FANNIE KERNGOOD SCHLOSS (Mrs.) — Baltimore — 30 *Talbot Rd.*
Education 28

GEORGE WILLIAM SCHLUDERBERG — Baltimore — 4718 *Eastern Av.*
Education 16 and 17; *History* 3

LOUISE SCHMIDT — Baltimore — 3918 *Liberty Hghts Av.*
Education 24; *Psychology* 2

JOHN ALBERT SCHNEIDER — Baltimore — 127 *E. Woodlawn Av.*
Johns Hopkins University *Biology* 1 and 2; *English Literature* 5

HELEN ANNA SCHUOLER — Frederick Co. — *Frederick*
Education 8 and 15; *History* 3

LEONARD SCHWARTZ — Alexandria, Va. — *Mt. St. Joseph's College*
Chemistry 4

EDITH DEAKINS SEIDENSTRICKER — Baltimore — 26 *W. 25th St.*
Home Economics 1 and 2

EDWARD CHARLES SEITZ — Carroll Co. — *Westminster*
Education 1, 3, and 6

LETTY MAY SELBY — Garrett Co. — *Selbysport*
Education 6, 7, and 9

MARY REBEKAH SELBY — Garrett Co. — *Selbysport*
Educaion 19, 21, and 22

RICHARD TELLARD SHACKELFORD — Baltimore — 1307 *Park Av.*
Chemistry 1

ANN CHRISTINE SHAMBURGER — Baltimore — *Y. W. C. A.*
Biology 1

KATE ISABEL SHANK — Frederick Co. — *Frederick*
Education 4, 5, 18B and 22

ROBERT H. SHARP — Baltimore — 2513 *N. Charles St.*
Johns Hopkins University *French* 5; *History* 2

DOROTHY BENETTA SHAPARD — Baltimore — *Homewood Apts*
Education 18B, 30 and 31

MARGARET MATILDA SHAW — Ormond Beach, Fla. — 831 *N. Howard St.*
English Literature 1 and 3; *Music* 3

DEPAUL SHEERIN — Baltimore — *Mt. St. Joseph's College*
A. B. Mt. St. Joseph's College 1920 *Education* 11

VICTORIA HAYDEN SHERIDAN (Mrs.) — Baltimore Co. — *Relay*
Education 19 and 24; *Psychology* 2

GEORGIA DAY SHERWOOD — Baltimore — 2131 *N. Calvert St.*
S. B. Johns Hopkins University 1922 *French* 1

MARY WALBURGA SHILLINGER — Talbot Co. — *Easton*
Education 5, 18B, and 22

MARGARET LEE SHIPLEY — Howard Co. — *Ellicott City*
Education 18B and 21

LOUIS SHOCKET — Baltimore — 221 *S. Bond St.*
A. B. University of Richmond 1923 *Education* 28 and 29

WINGATE DANIEL SHORT — Cecil Co. — *Charlestown*
Economics 2; *Politics* 2

GEORGE MCLEAN SHRIVER, JR. — Baltimore Co. — *Pikesville*
Johns Hopkins University *Biology* 1; *English Literaure* 1; *Journalism* 2

LILLIE SHUMAN — Monticello, Fla. — 2407 *N. Calvert St.*
A. B. Florida State College for Women 1919 *Education* 10; *Mathematics* 2; *Music* 3

NANNETTE SILBERT — Baltimore — 2309 *McCulloh St.*
Johns Hopkins University *Biology* 1 and 2

MARY ELENORA SIMMONS — Baltimore Co. — *Sparrow's Pt.*
Economics 2; *Education* 5 and 28

HARRIETT ELIZABETH SIMONDS — Baltimore Co. — *Owings Mills*
Education 18B, 22, and 25

ANNA SKRIVAN — Hartly, Del. — 1808 *N. Castle St.*
Johns Hopkins University *Biology* 1; *English Composition* 1; *English Literature* 5

ALEXANDER RUSSELL SLAGLE — Baltimore — 407 *Roland Av.*
A. B. Princeton University 1922 *Chemistry* 1

AUGUSTINE VIVIAN POLLITT SMITH — Wicomico Co. — *Salisbury*
A. B. St. John's College 1922 *Education* 1 and 6; *Psychology* 2

CONSTANCE HEISKELL SMITH — Ronceverte, W. Va. — 2735 *Maryland Av.*
A. B. Randolph-Macon College 1917 *Chemistry* 3 and 4

ETTA WALTERS SMITH — Baltimore — 2401 *Garrison Av.*
Education 7 and 18A; *English Composition* 3

LILY BLANCHE SMITH — Baltimore Co. — *Towson*
Hygiene

LOUISA ELIZABETH SMITH — Baltimore — 4023 *Philadelphia Av.*
Education 25; *Manual and Industrial Arts* 8; *Psychology* 3

MARGARET HELEN SMITH — Baltimore Co. — *Towson*
Education 19 and 24; *Psychology* 2

MAUDE FOUNTAIN SMITH — Dorchester Co. — *Hurlock*
Education 6 and 13

MILDRED AUDREY SMITH — Carroll Co. — *Westminster*
Education 18B, 22, and 27

REGINALD CLYDE SMITH — Baltimore — 910 *Roland Av.*
English Composition 1; *French* 5; *Mathematics* 3

WILLIAM RAINE SMITH — Baltimore — 720 *Gorsuch Av.*
English Composition 1; *French* 6

LOUISE C. SMITHER — Baltimore — 528 *N. Calhoun St.*
Education 8, 9, and 17; *Hygiene*

JESSIE LEITCH SNOW — Baltimore — 424 *Roland Av.*
English Literature 1; *Journalism* 2; *Politics* 2

AGNES SNYDER — Baltimore — 2401 *Shirley Av.*
S. B. Johns Hopkins University 1922 *Education* 1

MARIE BUSCHMAN SNYDER — Baltimore — 1906 *W. Franklin St.*
Education 5 and 18B

RUTH SOMERVILLE — Allegany Co. — *Lonaconing*
Education 6; *Home Economics* 1

IDA GERTRUDE SORAN — Baltimore — 232 *W. Lafayette Av.*
Education 22; *Psychology* 1

WILLIAM RISQUE SOWERS — Anne Arundel Co. — *Annapolis*
A. B. St. John's College 1923 *Education* 5, 11, and 13

HUGH BARNETTE SPEIR — Carroll Co. — *Westminster*
A. B. Western Maryland College 1922 *Education* 6, 10, and 13

ETHEL DIEFENDERFER SPENCER — Talbot Co. — *Easton*
Education 5 and 22; *Manual and Industrial Arts* 8

GERTRUDE LETITIA SPENCER — Baltimore — *Hopkins Apts.*
Economics 1; *Journalism* 1 and 2

LAURA VIRGINIA SPIELMAN — Howard Co. — *Lisbon*
A. B. Western Maryland College 1896 *Education* 1, 6, 7, and 9

GERTRUDE SPICER STABLER — Baltimore Co. — *Freeland*
Education 21 and 22; *Psychology* 2

ETHEL KATHERINE STAHL — Baltimore — 3901 *E. Lombard St.*
Education 30 and 31; *Spanish* 3

FLORENCE AGNES STANSBURY — Baltimore — 1037 *Edmondson Av.*
Education 15; *History* 3; *Politics* 2

RUBY STECKER — Ava, Mo. — *Millersville, Md.*
Education 6; *English Literature* 4; *History* 3

ALEXANDER ALAN STEINBACH — Norfolk, Va. — 2419 *Lakeview Av.*
A. B. Johns Hopkins University 1917 *English Literature* 2; *Philosophy* 1 and 2; *Psychology* 1

GRACE KINSEY STERLING — Baltimore — 3921 *Greenmount Av.*
A. B. Goucher College 1922 *Education* 14 and 18A

PEGGY WARD STERLING — Baltimore — 3921 *Greenmount Av.*
Education 26 and 31; *Manual and Industrial Arts* 8

ELIZABETH STEVENSON — Somerset Co. — *Marion*
Educaion 18B, 21, and 22

RUTH EDNA STEWART — Talbot Co. — *Oxford*
Education 21 and 24; *Manual and Industrial Arts* 8

LILLIE MAY STIEG — Baltimore — 3142 *Elmora Av.*
Education 20; *Psychology* 2

MORRIS LIVINGSTON STIER — Howard Co. — *Glenelg*
Education 5 and 19

MABEL DIANA STIFLER — Baltimore — 1913 *Greenmount Av.*
Education 18B and 22; *English Composition* 2

ANNA ZANG STINCHCOMB — Anne Arundel Co. — *Eastport*
Education 18B and 21; *Psychology* 2

MARSHALL STITELY — Baltimore — 1532 *Linden Av.*
Politics 2; *Psychology* 2

ELIZABETH ADAMS STONE — Caroline Co. — *Denton*
Education 18B and 21

ELLEN KATHERINE STONE — Carroll Co. — *Westminster*
Education 18B, 23 and 24

NETTA WORTHINGTON STOUFFER — Baltimore — 1820 *Park Av.*
Home Economics 1 and 2

MINNIE HARRISON STRAYER — Baltimore — 400 *N. Carey St.*
Education 15; *History* 3

ANNIE MILBURN STULL — Frederick Co. — *Frederick*
Music 1 and 2

CHARLES CALVIN THOMAS STULL — Frederick Co. — *Thurmont*
Manual and Industrial Arts 5; *Music* 3; *Politics* 2

SPENCER CLARENCE STULL — Frederick Co. — *Frederick*
Johns Hopkins University *Chemistry* 2; *English Literature* 5

CLARENCE OLIVER SULLIVAN — Carroll Co. — *Westminster*
Education 21 and 23; *English Composition* 1

EMILIUS ADAMS SULLIVAN — Baltimore — *Mt. Washington*
Economics 1; *Journalism* 1 and 2

ELEANOR SULTZER — Baltimore — 415 *E. Lafayette Av.*
Education 18B

MARY FRANCES SULTZER — Baltimore — 415 *E. Lafayette Av.*
English Composition 1 and 3; *Hygiene*

EMMA LOEWE SUTHERLAND — Baltimore — 2113 *Mt. Holly St.*
Music 1 and 2

DELIA CARROLL SUTTON — Baltimore — 2432 *N. Calvert St.*
Education 22

CHAUNCEY ROLAND TATUM — Baltimore — 1429 *W. Lombard St.*
Johns Hopkins University *History* 3; *Politics* 1 and 2

WILLIAM EDWARD FISHER TAYLOR — Baltimore — 3805 *Chatham Rd.*
Education 6 and 18A

FLORENCE THALHEIMER — Baltimore — *Esplanade Apts.*
Education 4; *French* 4

LOUISE EMILIE THALWITZER — Baltimore — 3405 *Piedmont Av.*
Education 6; *French* 2 and 4

DELMA SUMWALT THOMAS — Baltimore — 1515 *Poplar Grove St.*
Education 8 and 18A

MARY ELIZABETH THOMAS — Montgomery Co. — *Ednor*
English Composition 2 and 3; *Psychology* 2

WILLIAM BELBIN THOMAS — Queen Anne's Co. — *Grasonville*
French 6; *Mathematics* 2

LIDA LEE THOMASON — Baltimore — 1634 *Ellamont St.*
Johns Hopkins University *English Composition* 2; *French* 6 and 7

MARY CAROLINE THOMPSON (Mrs.) — Kent Co. — *Rock Hall*
Education 22; *Manual and Industrial Arts* 8; *Music* 1

PAULINE TILGHMAN — Baltimore Co. — *Woodlawn*
Education 21, 22, and 27

GEORGE LOUTRELL TIMANUS — Baltimore — 5100 *Wayne Av.*
M. D. University of Maryland 1914 *Education* 17; *Hygiene; Psychology* 2

MARY LETITIA TINLEY — Baltimore Co. — *Dundalk*
Education 18B, 22, and 25

MAXINE ALBERTA TOTZKE — Baltimore — *Hamilton*
Education 12 and 15; *History* 3

HELEN ALGIRE TOVELL — Baltimore Co. — *Reisterstown*
A. B. Goucher College 1920 *Education* 11; *History* 2 and 3

CAROLINE MAY TOWNSEND — Baltimore — 3312 *Westerwald Av.*
A. B. Western Maryland College 1911 *Education* 6 and 11; *Psychology* 2

HELEN TRELEASE (Mrs.) — Baltimore — 2307 *N. Charles St.*
Biology 1

ELIZABETH TREW — Kent Co. — *Chestertown*
Home Economics 1 and 2

SARA ELMA TUCKER — Harford Co. — *Forest Hill*
Home Economics 3

MABEL AMELIA TUDOR — Baltimore — 601 *N. Carrollton Av.*
Education 18A; *Home Economics* 1 and 2

LEONI ARCHER TURNER — Baltimore — 1815 *Park Av.*
English Literaure 5

SARAH ELIZABETH TYSON — Cecil Co. — *Port Deposit*
English Literature 3; *History* 3; *Psychology* 2

LEONARD WILLIAM UNGER — Washington Co. — *Smithsburg*
Manual and Industrial Arts 1, 2, and 5

CHARLES LEE UTTERBACK — Frederick Co. — *Brunswick*
Manual and Industrial Arts 2, 3, and 7

HAZEL BLANCHE UTTERBACK *Education* 18B and 25; *Psychology* 2	Frederick Co.	*Lewistown*
ALMIRA JAMES UTZ *Home Economics* 1, 2, and 3	Oak Park, Va.	*Arlington*
GEORGE ALBERT VAIDEN A. B. Bethany College 1908 *Education* 2, 6, and 14; *English Literature* 2	Baltimore	334 *E. 25th St.*
KATHARINE THERESA VALENTINE S. B. Johns Hopkins University 1921 *Education* 6 and 7	Baltimore	216 *Myrtle Av.*
SIBYL NORTON VEDDER *Embryology; Economics* 2; *English Literature* 5	Harford Co.	*Edgewood Arsenal*
MARGARETHA ELLENOR VOLZ *Education* 21 and 24	Baltimore	2932 *McElderry St.*
LEON HAMBLETON WADE *French* 5 and 6	Baltimore Co.	*Halethorpe*
JULIA ANNE WAGNER *Education* 8, 9, and 17	Allegany Co.	*Westernport*
ALICE GERTRUDE WALBECK *Education* 6; *French* 3; *Psychology* 2	Harford Co.	*Forest Hill*
MARY GROTHAUS WALTHAM (MRS.) *Education* 18B, 22, and 29	Baltimore	621 *N. Washington St.*
GRACE OLIVIA WANN *Economics* 1; *Education* 5 and 23	Baltimore Co.	*Upper Falls*
DOROTHY ELISABETH WARD A. B. Western Maryland College 1922 *Education* 6; *Italian* 3; *Psychology* 2	Carroll Co.	*Westminster*
MABEL WARD *Education* 18B; *Music* 1; *Psychology* 2	Baltimore Co.	*Larchmont*
HAZEL ANNA WARFEL *Education* 21; *Geography; History* 3	Montgomery Co.	*Sellman*
FRANCES MAYDWELL WARREN A. B. Western Maryland College 1919 *Education* 6; *French* 4; *Psychology* 2	Howard Co.	*Ellicott City*
FREDERICK WARREN, JR. A. B. Johns Hopkins University 1922 *Education* 6, 9, and 10	Howard Co.	*Ellicott City*
FRANCIS BATTAILE WATERS *French* 3, 5, and 6	Onley, Va.	921 *Harlem Av.*
ROBERT SYDNEY WATKINS Johns Hopkins University *Education* 7; *History* 1 and 2	Baltimore	111 *McMechen St.*
EDNA ELIZABERT WATSON Johns Hopkins University *English Literature* 3, 4, and 5	Baltimore	1203 *W. Franklin St.*
RUTH PERKINS WEAVER *Biology* 1 and 2	Baltimore Co.	*Woodlawn*
EMMA MATHILDE WEBER Johns Hopkins University *Biology* 1 and 2	Baltimore	1315 *N. Calvert St.*
CORA MARIE WEBSTER *Education* 18B; *Psychology* 2	Baltimore	2825 *Clifton Av.*
KATHARINE ELEANOR WEBSTER Johns Hopkins University *Education* 8 and 9	Baltimore	900 *Madison Av.*
RALPH RAYNER WEBSTER S. B. St. John's College 1921 *Education* 1 and 6; *Psychology* 2	Somerset Co.	*Deal's Island*
LOUISA AVONDALE WEEDON Johns Hopkins University *Economics* 1; *Politics* 1	Baltimore	1306 *W. Lexington St.*
MARIE ANTOINETTE WEIDENHAMMER S. B. Johns Hopkins University 1921 *Education* 6, 11, and 13	Baltimore	213 *S. Calhoun St.*
ELSA WEILEPP A. B. Goucher College 1920 *Education* 8, 9, and 18A	Baltimore	2715 *St. Paul St.*
DOROTHY WEISKITTEL *Education* 25 and 26; *Manual and Industrial Arts* 8	Baltimore Co.	*Cockeysville*
EMMA FRANCES WELCH *Education* 8 and 9	Baltimore	334 *Presstman St.*

JOSEPHINE REBECCA WELLER — Washington Co. — *Smithsburg*
Education 5 and 27; *English Composition* 1

MARY ALICE WENCHEL — Baltimore — 521 *N. Wolfe St.*
Education 16 and 18A; *Geography*

BRUCE ALBION WENTZ — Lancaster, Pa. — 3133 *N. Calvert St.*
A. B. Franklin and Marshall College 1915 *French* 2

AUGUST REINLE WERNER — Baltimore — 2414 *Edmondson Av.*
S. B. Washington College 1922 *Education* 1, 6, and 18A

SISTER ROSE GERTRUDE (WHALEN) — Baltimore — 954 *Harlem Av.*
A. M. Notre Dame University 1922 *English Literature* 1; *German* 2

CLARENCE EMORY WHARTON — Georgetown, Del. — 3121 *Guilford Av.*
Education 19, 20, and 21

AGNES MILDRED WHEELER — Harford Co. — *Bel Air*
Education 18B, 21, and 22

ANNABEL LEE WHITE — Baltimore — 2446 *Maryland Av.*
S. B. Johns Hopkins University 1923 *French* 2; *Psychology* 1

HELEN WHITE — Allegany Co. — *Lonaconing*
Education 6; *Home Economics* 1

THEODORE EVANS WHITELEY — Baltimore — 507 *Beaumont Av.*
Johns Hopkins University *History* 2 and 3; *Spanish* 2

HESTER CECELIA WHITFIELD — Baltimore — 4425 *Park Heights Av.*
Mathematics 2

MYRTLE WHITTEN — Fillmore, Ill. — 2738 *St. Paul St.*
A. B. Greenville College 1917 *Education* 10; *Politics* 2; *Psychology* 2

LILLIAN MAUD WIDERMAN — Baltimore Co. — *Randallstown*
Education 5 and 24; *Music* 1

CLARA WIGHTMAN — Baltimore — 1614 *Bolton St.*
Education 18B

VIRGINIA WIGHTMAN — Baltimore — 1614 *Bolton St.*
English Literature 1; *Psychology* 2

HOWARD WILLIAM WILKINS — Baltimore — 1905 *W. Lanvale St.*
Manual and Industrial Arts 1 and 2

ELIZABETH VIRGINIA DARE WILLIAMS — Baltimore — 3009 *Littleton Rd.*
Manual and Industrial Arts 1 and 7

PALMER FRANCIS CASTIGLINE WILLIAMS — Baltimore Co. — *Eccleston*
S. B. Princeton University 1923 *Chemistry* 1

ALMA MAY WILLING — Wicomico Co. — *Tyaskin*
Education 21, 22, and 23

CHARLES FOUNTAIN WILLIS — Baltimore — 3026 *St. Paul St.*
Education 6, 28, and 29; *Manual and Industrial Arts* 6

SISTER MARY IRENE (WILLSON) — Mt. Washingon — *Mt. St. Agnes College*
Education 4, 18B, and 19

CLAUDIA ELIZABETH WILSON — Darlington, S. C. — 810 *Park Av.*
Music 1 and 3

GERTIE MAHALA WILSON — Anne Arundel Co. — *Millersville*
Education 5 and 18B; *Manual and Industrial Arts* 8

JOHN ERNEST WIMMER — Baltimore — 534 *N. Fulton Av.*
Johns Hopkins University *English Literature* 4 and 5; *Mathematics* 3

JOSEPHINE WINAND — Baltimore — 1118 *N. Eutaw St.*
Education 9; *English Literature* 5; *History* 2

KATE STANSBURY WINCHESTER — Baltimore — 3409 *Hilton St.*
Education 18B, 28, and 29

ALOYSIUS WISEMAN — Baltimore — *Mt. St. Joseph's College*
Education 10; *Mathematics* 2

HILARY WISEMAN — Norfolk, Va. — *Mt. St. Joseph's College*
Mt. St. Joseph's College *Chemistry* 4

MARY TERESA WITTE — Allegany Co. — *Mt. Savage*
Education 30; *English Composition* 1; *English Literature* 4; *Spanish* 1

MINNIE JOHANNE WITTHAUS — Baltimore — 3621 *Greenmount Av.*
Education 16 and 18A; *Geography*

ELSA WILMA WOLF — Baltimore — *Emersonian Apts.*
English Composition 3; *English Literature* 4; *Psychology* 3

HAZEL WOOD (Mrs.) — Baltimore — 2034 *Park Av.*
English Literature 5

NELLIE JOHNSON WOODFORD — Baltimore — 16 *W. 24th St.*
Education 25 and 26; *Manual and Industrial Arts* 8

MARY FLORENCE WOODS — Baltimore — 2420 *N. Charles St.*
Education 18B

LILIAN WORTHINGTON — Anne Arundel Co. — *Annapolis*
Education 5 and 23; *Music* 1

RACHEL MAGDALEN WORTHINGTON (Mrs.) — Anne Arundel Co. — *Annapolis*
Education 21 and 27

ALICE WYMAN — Baltimore Co. — *Ruxton*
A. B. Goucher College 1920 *Economics* 1; *Education* 6 and 9

MORRIS YARMACK — Baltimore — 247 *N. Exeter St.*
Manual and Industrial Arts 2, 5, and 7

CARROLL IRA YOUNG — Carroll Co. — *Westminster*
Chemistry 1

MARY YOUNG (Mrs.) — Baltimore — *Walbrook*
Education 18B

THOMAS LORMAN YOUNG — Baltimore — 355 *Patapsco St.*
Manual and Industrial Arts 1, 2, and 7

MARY AGNES ZIMMISCH — Baltimore — 1423 *W. Mulberry St.*
English Literature 2; *History* 2; *Italian* 3

GOVERNMENT OF THE UNIVERSITY

FOR THE YEAR 1923-24

TRUSTEES

The Trustees are the ultimate source of authority in all matters pertaining to the University. They act collectively, through the standing committees named on page 9, and through the President of the University.

PRESIDENT

The duties of this office were thus defined by the Trustees, September 14, 1876:

The President of the University is the authorized means of communication between the Board and the various officers of instruction and administration employed in the University; it shall be his duty to consult with the Professors in respect to the development of their various departments and the general interests of the University; to determine the appropriate duties of the Associates and Fellows; and to exercise such superintendence over the buildings, apparatus, books and other property as will insure their protection and appropriate use. In respect to these matters and all others which concern the welfare of the University, he shall consult frequently with the Executive Committee, and he shall attend the meetings of the Board of Trustees. Purchases, alterations, repairs, and other incidental expenses must not be ordered by any of the officers of the University without his previous assent or the expressed authority of the Board.

By resolution of the Trustees, May 2, 1892, the President of the University was constituted a member *ex officio* of the Board, and also *ex officio* a member of the Executive Committee.

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By authority of the Trustees, the Academic Council has met since the organization of the University to guide the various departments of study, to select the Fellows, and to act upon such other matters as may be brought before them.

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G. Chinard
T. Frank
H. C. Lancaster
A. G. Christie
J. H. Gregory
C. D. Snyder
J. T. Singewald
E. A. Andrews
A. H. Pfund
J. C. French
A. Ember
A. Cohen
R. B. Roulston
D. S. Blondheim
W. B. Kouwenhoven
W. A. Patrick
B. E. Livingston
J. C. Smallwood
F. E. Bamberger
G. H. Cartledge
B. J. Johnson
F. D. Murnaghan
H. W. Waterfall
W. O. Weyforth
F. W. Lee
J. T. Thompson

By request of the Academic Council (October 8, 1883), this Board, consisting of the President, Professors, and Associate Professors, has charge of the arrangements for the instruction of graduate students and of the examinations for the degree of Doctor of Philosophy.

BOARD OF COLLEGIATE STUDIES

F. J. Goodnow (*Pres.*)
H. E. Greene
L. S. Hulburt
J. S. Ames
W. J. A. Bliss
J. H. Hollander
E. B. Mathews
J. M. Vincent
D. S. Johnson
W. P. Mustard
E. F. Buchner
E. A. Andrews
A. O. Lovejoy
J. B. Whitehead
C. K. Swartz
G. E. Barnett
D. M. Robinson
J. H. Latané (*Dean*)
C. W. E. Miller
J. E. Gilpin (*Sec'y*)
K. Dunlap
S. O. Mast
G. Chinard
T. Frank
H. C. Lancaster
J. H. Gregory
G. Hoisington
W. Kurrelmeyer
A. H. Pfund
J. C. French
A. Ember
A. Cohen
R. B. Roulston
D. S. Blondheim
W. B. Kouwenhoven
R. P. Cowles
J. C. Smallwood
G. H. Cartledge
B. J. Johnson
F. D. Murnaghan
H. W. Waterfall
W. O. Weyforth
F. W. Lee
J. T. Thompson
W. C. Atwater
R. T. Abercrombie
W. S. Paul
G. Gruenbaum
M. W. Pullen
J. R. Musselman
G. Boas
C. A. Nelson
R. C. Williams
B. Mitchell
R. N. Dempster (*Registrar*)

By request of the Academic Council (May 13, 1892), the Board of Collegiate Studies, consisting of the President and of representatives from each of the chief departments of undergraduate study, confers upon the progress made by the undergraduate and special students, and conducts the examinations for matriculation and for the baccalaureate degree, under the direction of the Academic Council. The other teachers of undergraduates may be called in from time to time to consult.

The following committees are authorized by the Board: *Academic Rules and Regulations*,—J. E. Gilpin, R. B. Roulston, R. T. Abercrombie; *Admission and Advanced Standing*,—J. H. Latané (chairman), E. F. Buchner, H. E. Greene, L. S. Hulburt, W. P. Mustard, R. B. Roulston, J. B. Whitehead; *College Curriculum*,—J. H. Latané (chairman), G. E. Barnett, W. J. A. Bliss, J. C. French, J. E. Gilpin, L. S. Hulburt; *Scholarships and Honors*,—J. E. Gilpin (chairman), R. B. Roulston, A. Cohen; *Student Affairs*,—J. C. French (chairman), J. S. Ames, C. K. Swartz; *Summer Courses and College Courses for Teachers*,—E. F. Buchner (chairman).

The Dean is *ex officio* a member of all committees.

ADVISORY BOARD OF THE MEDICAL FACULTY

F. J. Goodnow (*Pres.*)	Adolph Meyer	L. H. Weed (Dean)
W. H. Welch	W. H. Smith	E. K. Marshall, Jr.
H. M. Hurd	Walter Jones	W. T. Longcope
J. J. Abel	John Howland	J. M. T. Finney
J. W. Williams	W. G. MacCallum	

This Board was constituted by resolution of the Trustees (April 4, 1893), "to report to the Trustees from time to time their suggestions, and to prepare and carry forward the proper arrangements for the instruction and graduation of medical students."

ADVISORY COMMITTEE OF THE SCHOOL OF ENGINEERING

F. J. Goodnow (*Pres.*)	E. B. Mathews	A. G. Christie
J. B.Whitehead (*Dean*)	J. H. Latané	J. H. Gregory
J. S. Ames	J. C. W. Frazer	W. W. Ford
Frank Morley		

This committee was constituted by a resolution of the Trustees May 9, 1913. It consists of the President of the University, certain members of the Faculty representing engineering and cognate sciences, and the Dean of the College Faculty.

BOARD OF ENGINEERING STUDIES

F. J. Goodnow (*Pres.*)	J. C. French	W. C. Atwater
J. B.Whitehead (*Dean*)	W. B. Kouwenhoven	F. W. Medaugh
W. J. A. Bliss	J. C. Smallwood	F. W. Kouwenhoven
L. S. Hulburt	H. W. Waterfall	J. H. Lampe
A. G. Christie	F. W. Lee	T. F. Comber, Jr.
J. H. Gregory	J. T. Thompson	V. L. Doughtie
J. E. Gilpin	M. W. Pullen	G. L. Bryan, Jr.

This committee, appointed annually, acts for the Advisory Committee on all questions pertaining to undergraduate instruction in engineering.

ADVISORY BOARD OF THE FACULTY OF HYGIENE AND PUBLIC HEALTH

F. J. Goodnow (*Pres.*)	Raymond Pearl	W. W. Ford
W. H. Welch (*Director*)	J. H. Gregory	C. G. Bull
W. H. Howell (*Asst. Dir.*)	W. H. Frost	R. W. Hegner
E. V. McCollum		A. W. Freeman

By resolution of the Board of Trustees this Board is "instructed to report to the Trustees from time to time their suggestions and to prepare and carry forward the proper arrangements for the instruction and graduation of students in the School."

ADVISORY COMMITTEE ON THE DEGREE OF BACHELOR OF SCIENCE

F. J. Goodnow (*Pres.*)	J. E. Gilpin	A. O. Lovejoy
G. E. Barnett	L. S. Hulburt	W. P. Mustard (*Sec'y*)
E. F. Buchner	H. C. Lancaster	D. M. Robinson
K. Dunlap	J. H. Latané	R. B. Roulston
J. C. French		

This committee was constituted by resolution of the Trustees June 1, 1915, and subsequently enlarged, to supervise the course of study leading to the degree of Bachelor of Science.

COMMITTEE IN CHARGE OF THE COLLEGE COURSES FOR TEACHERS

E. F. Buchner (*Chairman* ———— (for Goucher College)

OFFICERS OF ADMINISTRATION OF THE SUMMER COURSES

F. J. Goodnow (*Pres.*)
E. F. Buchner (*Director*)
W. G. Boyce
R. N. Dempster

COMMITTEE ON THE LIBRARY

F. J. Goodnow (*Pres.*)
J. S. Ames
E. B. Mathews
W. W. Willoughby
W. P. Mustard
M. L. Raney (*Sec'y*)

COMMITTEE ON HOMEWOOD

R. B. Keyser
F. J. Goodnow
Blanchard Randall
Miles White, Jr.
John Glenn, Jr.
W. J. A. Bliss
E. B. Mathews
W. W. Willoughby
M. L. Raney
W. G. Boyce (*Sec'y*)
E. H. Bouton
Howard Baetjer
T. E. Straus
J. P. Thom

ADVISORY BOARD OF THE YOUNG MEN'S CHRISTIAN ASSOCIATION

F. J. Goodnow (*Pres.*) Eugene Levering J. H. Latané

COMMITTEE ON THE JOHNS HOPKINS PRESS

F. J. Goodnow (*Pres.*)
W. W. Willoughby
W. H. Smith
Raymond Pearl
C. W. Dittus (*Sec'y.*)
J. H. Gregory
M. L. Raney

OTHER OFFICERS

OFFICERS OF ADMINISTRATION

R. N. DEMPSTER, *Registrar of the University*
G. J. COY, *Registrar, Medical School*
M. LOUISE DURHAM, *Secretary, School of Hygiene*

TREASURER'S OFFICE

HENRY IDDINS, *Treasurer's Assistant*
S. P. NELSON, *Assistant Treasurer*

LIBRARIES

1. THE UNIVERSITY LIBRARY numbers 261,473 bound volumes, selected with especial reference to the instruction here given. It is arranged in several collections, of which these are the chief:

Reading Room	Romance Languages
Philosophy, Psychology, and Education	Mathematics
History	Physics and Astronomy
Political Economy and Political Science	Chemistry
Classics, Art, and Archæology	Geology and Civil Engineering
Sanskrit	Biology
Semitic	Medical Sciences
English and German	Hygiene and Public Health
	Electrical and Mechanical Engineering

The Reading Room is open daily from 9 a. m. to 9 p. m. (Saturday until 4 p. m.); the other rooms in accordance with special regulations.

The library receives the publications of the leading scientific societies of the world and the chief literary and scientific periodicals. Important books are received by the library as soon as published, through purchase or the courtesy of dealers.

THE MARYLAND DIOCESAN LIBRARY, numbering over 32,600 volumes, is also now housed on the University campus in Gilman Hall, and is open to the use of Faculty and students.

2. THE PEABODY LIBRARY is a choice collection of books purchased since 1861. It is particularly full in academic transactions, long historical series, and costly illustrated books. It numbers 252,582 volumes and pamphlets, well catalogued and arranged. It is open daily, without charge, from 9 a. m. to 10 p. m.

3. THE ENOCH PRATT FREE LIBRARY numbers 444,227 volumes and is open daily without charge.

4. THE MARYLAND HISTORICAL SOCIETY LIBRARY contains 35,500 volumes of historical works and is open daily.

5. Other libraries of Baltimore are the New Mercantile Library (30,000 volumes), the Bar Library (49,000 volumes), the Medical and Chirurgical Library (38,000 volumes).

6. Washington is so near that its museums and libraries may be easily visited. Among the chief institutions of interest to students are these:

The Library of Congress.
The Smithsonian Institution and National Museum.
The Army Medical and Surgical Museum and Library.
The U. S. Coast and Geodetic Survey.
The U. S. Geological Survey.
The U. S. Naval Observatory.
The Libraries of the Departments and Bureaus.
The Corcoran Art Gallery.

TREASURER'S OFFICE, BUDGET APPROPRIATIONS, FOREIGN SHIPMENTS, ETC.

I. The Treasurer's Office is open from 9 a. m. to 4 p. m., except on Saturday, when it is closed at 1 p. m.

II. For the several departments an annual allowance is made by the Trustees in the budget, and in deciding on the allowances they are governed by a consideration of the general interests of the University, as well as by the needs of special branches of instruction. A statement of the amount of the allowances and expenditures will be communicated to the several departments at intervals throughout the academic year, and special statements may be obtained at any time from the Treasurer upon request.

III. No member of the academic staff may incur a bill in the name of the University, unless authority is given for the same by the Trustees, in advance, either as an allowance in the annual budget, or as a special appropriation. Blank forms of application are provided for special requisitions.

IV. All bills should be *promptly* endorsed as correct by the person under whose authority the expense has been incurred and then referred to the Treasurer's Office for payment.

V. The Treasurer's Office will make purchases, at wholesale rates, of general supplies which are required for the current needs of the University, and the departments are expected to secure such supplies from the Treasurer's Office by requisition.

VI. Such petty cash books as are authorized by the Treasurer should be presented for balance and settlement every month.

VII. The wages of all persons employed by the University will be paid at the Treasurer's Office unless otherwise arranged.

VIII. When C. O. D. packages are expected, previous arrangements should be made for their reception.

IX. Outlays made for individuals (express parcels, postage, telegraph messages, etc.) are payable at once at the Treasurer's Office.

X. FOREIGN SHIPMENTS. All foreign shippers should be instructed to mail a Consular Invoice and a bill of lading, and a duplicate Consular Invoice by the following mail, all addressed to The Johns Hopkins University.

Goods for other parties (societies or individuals) must *not* be included in the University cases. Consignments must *not* be addressed to individuals if they are intended for the University and are to be entered through the Customs for University use.

Unless otherwise ordered, goods from Europe should be sent by steamer *direct to Baltimore.*

GENERAL STATEMENTS IN RESPECT TO THE COURSES OF INSTRUCTION

The Johns Hopkins University has had in view, from the beginning, two main objects—the advancement of learning through investigations conducted by its teachers and its properly qualified students, and the communication of learning through carefully planned courses of instruction. The facilities which it provides and its methods of administration are intended both for the encouragement of research, in the case of those competent to undertake it, and for the discipline and guidance of those whose chief concern is the acquisition of knowledge. The work of the University is carried forward—

I. Under the Faculty of Philosophy.
II. Under the Faculty of Medicine.
III. Under the Faculty of Hygiene and Public Health.
IV. Under the Faculty of Engineering.

I. The students enrolled under the Faculty of Philosophy are:

(1) Those who have obtained baccalaureate degrees from colleges of good standing, and who desire to follow advanced courses in scientific, literary, or historical subjects; and also persons who wish to take advantage of the opportunities for study and individual investigation here afforded, and who satisfy the instructors or professors concerned that they are prepared for such work. Women are admitted to these courses. The degrees of Master of Arts and Doctor of Philosophy are offered.

(2) Undergraduate students, who are, in most cases, looking forward to the degrees of Bachelor of Arts and Bachelor of Science in Economics. Women are not admitted to the undergraduate courses.

The requirements for admission to the undergraduate courses, the arrangement of these courses, etc., are stated on subsequent pages. Further information is given in the pamphlets entitled "The College of Arts and Sciences" and "The School of Business Economics of the Johns Hopkins University."

(3) Teachers in public and private schools, persons engaged in other pursuits, and others wishing to pursue courses of collegiate grade in the late afternoons and evenings and on Saturday mornings. Work accomplished in these courses will be credited, upon matriculation, toward the degree of Bachelor of Science. Women are admitted on the same terms as men.

Students registered primarily in other divisions of the University may register also in these courses, and, for satisfactory work in the same, receive credit towards the degrees for which they are matriculated.

Under a plan of co-operation with Goucher College, credits obtained in these courses, to the extent of forty-five hours, may be offered by women matriculating for the degree of Bachelor of Arts conferred by that institution.

Detailed information is given in the special announcement of the "College Courses for Teachers." See also the requirements for the degree of Bachelor of Science on subsequent pages of this Register.

(4) Persons seeking opportunities for instruction during the summer. Men and women are admitted to such courses as they are found by the respective instructors qualified to pursue with advantage. The program includes courses which may be offered in partial fulfillment of the requirements for the degrees of Master of Arts, Bachelor of Arts, Bachelor of Science, Bachelor of Engineering, and Bachelor of Science in Economics.

Detailed information is given in the special announcement of the Summer Courses. See the requirements for the various degrees on later pages of this Register.

(5) Persons engaged in affairs or contemplating entrance into business, desirous of pursuing evening courses of collegiate grade in the general field of Business Economics. Work accomplished in these courses will be credited, upon matriculation, towards the degree of Bachelor of Science. Women are admitted on the same terms as men.

Details regarding the "Courses in Business Economics" are given in a special announcement. Particulars as to the requirements for the degree of Bachelor of Science are given in this Register.

II. The students enrolled under the Faculty of Medicine are:

(1) Candidates for the degree of Doctor of Medicine. These must be college graduates, or must give evidence by examination that they possess the attainments indicated by a baccalaureate degree in arts or science. Women are admitted on the same terms as men.

(2) Doctors of Medicine desiring to pursue certain special courses, which are annually announced.

The terms of admission to the medical department, the general plan of instruction, and other detailed information are given in the "Catalogue and Announcement" of the department.

III. Students are enrolled under the Faculty of Hygiene and Public Health in the following classes, both men and women being admitted:

(1) Candidates for the degree of Doctor of Public Health.
(2) Candidates for the degree of Doctor of Science in Hygiene.
(3) Candidates for the degree of Bachelor of Science in Hygiene.
(4) Special students, not candidates for a degree.

Information in detail regarding the School of Hygiene is given in a separate announcement.

IV. The students enrolled under the Faculty of Engineering are:

(1) Those who have obtained degrees in Engineering from schools or colleges in good standing, and who desire to follow advanced courses or pursue investigations in engineering subjects. To such persons the degrees of Doctor of Engineering and Master of Engineering are offered.

(2) Undergraduate students who are looking forward to the degree of Bachelor of Engineering or Bachelor of Science in Chemistry.

(3) Practical workers for whom evening courses are provided.

I. FACULTY OF PHILOSOPHY

Advanced students are received whether they are candidates for a degree or not, and they are permitted to attend such lectures and exercises as they may select. On entering the University they are expected to present their diplomas and certificates from the institutions with which they have been connected, and also letters of introduction. They are not examined by the University for admission, but each instructor satisfies himself of the attainments of those who wish to follow his guidance before admitting them to his classes.

The professors are ready to give personal counsel to those who seek it; books and instruments adapted to investigation and advanced work have been liberally provided; seminaries limited to a few advanced students have been organized in various subjects; societies devoted to philology, to mathematical, physical, and natural science, and to history and political science, afford opportunities for the presentation of memoirs and original communications, and there are also conferences for the reading and discussion of philological, philosophical, biological, physical, geological, and chemical papers; during the year courses of lectures are given by resident and non-resident professors on topics to which they have given special attention; the libraries of the Peabody Institute and Maryland Historical Society, founded for the benefit of scholars, are easily accessible; the issuing, under the auspices of the Trustees, of publications devoted to mathematics, philology, biology, the modern languages, history, political science, and economics, brings the University into advantageous connection with other foundations; and the University reading room, which is constantly open, is liberally supplied with new and standard books and with the literary and scientific journals of this and other lands.

Instruction is carried on in the different departments by methods which vary with the nature of the subject and the character and proficiency of the scholars; but in all alike the end is the same,—that, while the students are becoming familiar with the work prosecuted and the results attained elsewhere, and are adding to their general intellectual culture, they may be encouraged to become independent and original investigators in their chosen fields of labor. Within reasonable limits the University will provide such books, apparatus, and material as may be requisite for this purpose.

The principal subjects in which advanced instruction is now provided are these:

Botany
Chemistry
Classical Archæology and Art
Education
English and Anglo-Saxon
Geology and Mineralogy
German
Germanic Philology
Greek
History

Latin
Mathematics
Pathology and Bacteriology
Philosophy
Physics
Physiology (Animal)
Plant Physiology
Political Economy
Political Science
Psychology
Romance Languages (French Spanish, Italian)
Sanskrit and Comparative Philology
Semitic Languages (Oriental Seminary)
Zoology

GRADUATE AND COLLEGIATE COURSES

ARCHAEOLOGY AND ART

The work in Archæology and Art is carried on by means of a Seminary, various courses of lectures, conferences with individual students, and practical exercises in the museums. The archæological material in the possession of the University includes the Cohen and Dennis collections of Egyptian Antiquities and good collections of Greek and Roman inscriptions, marbles, bronzes, vases and other terra cottas, coins, gems, etc., which not only serve the purpose of illustration but also form the basis of original investigation. These are supplemented by squeezes, photographs, and lantern slides, as well as by the casts belonging to the University and to the Peabody Institute. The Walters Art Gallery also contains a very valuable collection of Greek and Roman antiquities.

SEMINARY AND ADVANCED COURSES

The subjects treated in the Seminary, or presented in lectures, vary from year to year, so that in three or four years of continuous residence students are brought into contact with the most important of the ancient authors and with the principal fields of archæological research. These subjects include Greek and Roman architecture, epigraphy, palæography, private life, topography, mythology and religion, sculpture, painting, ceramics, coinage, gems, bronzes, and the Etruscan and Mycenaean civilizations.

For advanced students a reading knowledge of French and German is essential. For advanced students of Roman archæology a reading knowledge of Italian is indispensable, and for advanced students of Greek archæology an opportunity is given to learn modern Greek and to prepare for the fellowship examinations for the American School of Classical Studies in Athens.

The following courses (1, 6, 8, 11, 12, 13) are offered in 1924-25 unless otherwise stated. Notice of other courses for 1924-25 is reserved.

1. Archæological Seminary.

Selected problems and topics in Greek and Roman Archæology. The Seminary will be adapted to the needs of the members in the matter of preparation

of reports and papers. Subjects for research will be assigned to students along the lines in which they are interested.

Professor ROBINSON. *Monday*, 4 *p. m.*

2. Civilization and Art in Prehistoric and Minoan Times, and their Relation to Homer.

Professor ROBINSON. *First half-year.* 1925-26.

3. Outlines of Greek and Roman Architecture. Reading of Vitruvius.

Professor ROBINSON. *Second half-year.* 1925-26.

4. Roman Art and Archæology.

Professor ROBINSON. 1925-26.

5. An Introduction to Latin Epigraphy with practical exercises in the interpretation of inscriptions from the original stones and published texts.

Professor FRANK. 1923-24.

6. The History of Greek and Roman Sculpture.

Lectures on the History of Greek Sculpture, with an outline of Roman Sculpture, having especial reference to Roman busts and historical reliefs.

Professor ROBINSON. 1924-25. *Monday*, 5 *p. m.*

7. Greek Historical Inscriptions.

Lectures, with readings from Michel's *Recueil* and from Hicks and Hill, *Greek Historical Inscriptions*, from squeezes, photographs, and original stones.

Professor ROBINSON. 1926-27.

8. Topography and Monuments of Greece and Asia Minor. Centers of Greek and Roman Life.

Selections from the archæological passages in Pausanias and Strabo will be read and lectures will be given on the topography and history of the places described by them. Such sites as Athens, Delphi, Olympia, Corinth, Eleusis, Epidaurus, the Argive Heraeum, Pergamum, Sardis, Ephesus, Priene, Miletus, etc., will be studied. The Roman as well as the Greek monuments will be explained.

Professor ROBINSON. 1924-25. *Tuesday*, 4 *p. m.*

9. Greek and Roman Vases.

A brief account of the various early wares will be given but the principal study will be concentrated upon the Attic black-figured and red-figured vases as sources of information on Mythology and Private Life. Some sudy will be devoted finally to Arretine and other Roman vases.

Professor ROBINSON. 1926-27.

10. Minor Greek and Roman Arts.

Painting, terra-cottas, bronzes, gems, coins, etc.

Professor ROBINSON. [Not given 1924-25.]

11. Greek Epigraphy.

Considerable attention will be given to deciphering facsimiles and squeezes and to the epichoric alphabets. But the main aim will be to read and discuss inscriptions throwing light on the political and social history of Greece.

Professor ROBINSON.

12. Strabo.

Reading of passages dealing with Greek and Roman history and topography. Lectures on the excavations of such sites.

Professor ROBINSON.

13. Archæological and Colloquial Modern Greek (especially for students going to Greece).

Professor ROBINSON.

14. The Topography and Monuments of the Ancient Roman World.

Particular attention will be paid to the topography and monuments of Rome and Latium, but due regard will be given to the general topography of the Roman dominions and to the monuments of the important provincial towns.

Professor ROBINSON. [Not given 1924-25, but see no. 8.]

15. Roman Palæography.

Professor FRANK.

In the College Courses for Teachers Professor Robinson offers every year on Tuesday nights, 8-9.45 p. m., a course in the History of Art and Civilization (Ancient Art, first half-year; Mediæval and Modern Art, second half-year), and at intervals he gives also courses in American Art and in Oriental Art (Turkey, India, China, and Japan). In the Greek department he offers at intervals courses in Apollonius Rhodius, Aeschylus, Plato's Republic, Plato's views of rhetoric with readings in the Gorgias, Phaedrus, Ion, and Menexenus; and in the History Department a graduate course in Greek History in a three year cycle.

UNDERGRADUATE COURSES (OPEN TO GRADUATES)

1. Roman Life, as illustrated by Latin Literature and the Monuments.

Professor ROBINSON. [Not given 1924-25.]

2. History of Greek Literature.

Professor ROBINSON. *Tuesday*, 2 *p. m.*

3. Greek Life as illustrated by Greek Literature and the Monuments.

Professor ROBINSON. [Not given 1924-25.]

4. An Introductory Course in Roman Archæology and Art.

Professor ROBINSON. [Not given 1924-25.]

Courses 1 and 2 are parts of Latin 4 and Greek 4, respectively, but may be pursued by any student of the University. Taken together, they count as two-thirds of a course, and with the course in Greek Life or Roman Archæology as a full course. Students of Latin and Greek will benefit most by these courses, but no knowledge of Greek or Latin is required.

CHEMISTRY

The Chemical Laboratory is open for work from 9 a. m. to 5 p. m. on all week days except Saturday, when the working hours extend from 9 a. m. to 1 p. m. The members of the teaching staff are usually present for conference and consultation during these hours.

The department is amply provided with an equipment of apparatus and other facilities for a great variety of research and with a library which contains complete sets of all the more important chemical periodicals.

While instruction by means of lectures and examinations and by required historical investigation on the part of the students is not neglected, it is the conviction of the teaching staff that the *education* of a chemist is effected principally in the laboratory, and mainly through the daily contact of instructor and student at the working place of the latter.

It is desirable, though not required, that a student should have, at the beginning of his graduate work in chemistry, a good knowledge of physics, a knowledge of mathematics through calculus, and the ability to read scientific German and French. If he is deficient with respect to any of these subjects, he is advised to make up the deficiency as soon as possible after beginning his graduate work.

GRADUATE COURSES

Lectures

1. Physical Chemistry.
   Twice weekly through two years. Associate Professor PATRICK.
2. Advanced Inorganic Chemistry.
   Twice weekly through two years. Professor FRAZER.
3. Advanced Organic Chemistry.
   Twice weekly through two years. Professor REID.
4. Principles of Quantitative Analysis.
   Twice weekly, through the year. Dr. THORNTON.
5. Seminar in Colloidal Chemistry.
   One hour per week under the direction of Associate Professor PATRICK.
6. Journal Meetings.
   Weekly through the year.
7. Lectures upon assigned topics by advanced students.

Laboratory Courses

8. Physical Chemical Methods.
   Daily for eight weeks. Associate Professor PATRICK.
9. Inorganic Reactions.
   Daily for eight weeks. Professor FRAZER.

10. Organic Preparations (Advanced Course).
Daily for eight weeks. Professor REID.

11. Quantitative Chemistry.
Daily through the year. Dr. THORNTON.

Examinations

Examinations are given upon lecture and laboratory courses, and students who are candidates for the degree of Doctor of Philosophy are required to give evidence of adequate proficiency in each of the courses taken by them before beginning research. In addition to passing examinations in the required courses each candidate for the degree of doctor of philosophy is required to give evidence of sufficient preparation in the fundamental facts and principles of chemistry by passing in a creditable manner an examination set for him at a suitable time after he has completed all of the routine work required. Those who show themselves unable to pass this examination in a creditable manner are discouraged from attempting to secure the doctor's degree.

Dissertations

Having satisfied the above mentioned requirements, the student is assigned by the staff to one of its members, who proposes to him a problem for investigation which may be made the basis of the doctor's dissertation, and who henceforth directs his work in the laboratory. It sometimes happens that the student has good reasons for preferring some particular line of research and this course is allowed if the circumstances permit.

Special Students

For those who do not look forward to the degree of Doctor of Philosophy the rules are less rigid. A person admitted to the University as a special student is permitted to take any of the lecture or laboratory courses for which he is qualified by previous training.

UNDERGRADUATE COURSES

Students whose principal subject is chemistry and pre-medical students are required to pursue the courses in Chemistry during three years.

1 A: General Chemistry (For Pre-Medical students and those who expect to major in Chemistry).

a. *Lectures and recitations, three hours weekly through the year.* Associate Professor CARTLEDGE. [*Mon., Tues.,* 9.30; *Frid.,* 11.30.]

b. *Laboratory work, six hours weekly through the year.* Associate Professor CARTLEDGE and Assistants.

No previous work in Chemistry is required for admission, but students entering after a good high school course will be able to do somewhat more advanced work in the laboratory. The course covers substantially the subjects comprised in such a text as Smith's "General Chemistry for Colleges." The emphasis is placed upon a real familiarity with such compounds and reactions as are of common use in the laboratory. At the same time the student

should obtain at least a qualitative knowledge of the principles upon which the science rests. The laboratory work includes considerable inorganic preparation work and some quantitative experiments.

1 B: General Chemistry. (For Engineering students and Academic students who are taking Chemistry as the required Science course.)

a. *Lectures and recitations, three hours weekly, through the year.* Professor GILPIN. [*Wed., Thurs., Fri.,* 9.30]

b. *Laboratory work, six hours weekly, through the year.* Professor GILPIN and Assistants.

A general course in inorganic and organic Chemistry arranged to meet the needs of those who expect to take only one year's work in Chemistry. In the laboratory the students perform selected experiments in General Chemistry and the preparation of inorganic and organic compounds.

2. Inorganic Chemistry. (Advanced Course).

a. *Lectures and recitations, three hours weekly through the year.* Associate Professor CARTLEDGE. [*Mon., Tues.,* 8.30; *Frid.,* 10.30.]

b. *Laboratory work, six hours weekly through the year.* Associate Professor CARTLEDGE and Assistants.

During the first half-year the work of both class-room and laboratory is devoted to the study of the quantitative principles of Chemistry. A few reactions and processes are studied in a thorough and quantitative manner, on the one hand to provide a good working knowledge of the Physical-Chemical foundation of the science, and on the other hand to develop a good laboratory technique. In the second half-year the laboratory work follows A. A. Noyes' "Qualitative Chemical Analysis," while the lectures treat of the types of chemical reactions, as furnishing applications of the principles to the operations involved in analytical chemistry.

Prerequisite: Mathematics 1 and Physics I.

3. (a) Chemistry of the Compounds of Carbon.

a. *Lectures and recitations, three hours weekly for five months.* Professor GILPIN. [*Mon., Tues., Wed.,* 10.30]

b. *Laboratory work, six hours weekly for five months.* Professor GILPIN and Assistants.

The class-room work of this year is devoted to the study of Organic Chemistry. The laboratory work is the making of organic preparations. The text-books used are Remsen's Organic Chemistry and Norris' Experimental Organic Chemistry.

(b) Elementary Physical Chemistry.

Lectures and recitations, three hours weekly for three months. [*Mon., Tues., Wed.,* 10.30]

During this time the laboratory work will be a continuation of the quantitative work of the second year.

Course 3, which is required for entrance to the Medical School, is open to those who have taken Courses 1 and 2.

[See the statement of the courses in the School of Engineering for a chemical course leading in the degree of B. S. in Chemistry.]

EDUCATION

Graduate Courses

The graduate work in Education provides opportunity for study and investigation in the fields of educational history, principles, psychology, measurement, administration, experiment, and in higher, secondary, and elementary education. It is designed to prepare advanced students to give instruction in the subject, to make application of the results of investigations to the problems in practical situations, and also to introduce students in special subjects to the principles which may be applied in the educational organization of their specialties.

Advanced students are expected to have completed satisfactory undergraduate courses in history of education, educational psychology, and in either secondary or elementary education.

During the year 1924-25 the courses will be as follows:

1. Seminary in Educational Administration.

Special attention is given to the problems of educational finance, including tendencies in taxation and other sources of revenue, relation of educational to other governmental expenditures, state educational expenditures, distribution of school funds, municipal program, educational budgets and relative values of the respective items, and school costs as educational measures. Attention is given to the results of representative studies in this field. Individual studies are undertaken by the members.

Professor Buchner. *Saturday*, 9–10.40 *a. m.*

2. Educational Surveys.

The critical examination of the reports of the important educational surveys, with reference to the determination of the principles underlying the methods of investigating the operation of school systems. Problems will be assigned for investigation and report.

Professor Buchner. *Wednesday*, 4 *p. m.*

3. Experimental Education.

This course deals with educational measurements and tests and includes a comparative study of investigations in educational research. Attention is given to methods of attacking educational problems in the fields of standardized scales and surveys of pupil achievements in school subjects and of rating the intelligence of school children, with special reference to the application of results to the control of instruction and the organization of schools. Research will be undertaken in problems in either elementary or secondary education selected according to the chief interests of individual students. Admission to the class depends upon the previous preparation of the student.

Dr. Brooks. *Saturday*, 11 *a. m.*–12.40 *p. m.*

4. Educational Psychology.

Opportunity is offered to those with sufficient preparation in educational psychology for investigation of special problems related to the measurement of the learning process, the growth of intelligence of school children, and the technique of scale construction.

Dr. Brooks. *Tuesday*, 4.20–6 *p. m.*

5. The Development of Educational Theory.

A study of the historical foundation of the important concepts in educational theory, with emphasis on the historical relations of education and philosophy, designed to afford opportunity to investigate the historical backgrounds and the theoretical interpretations of the values involved in the problems selected for individual investigations.

Professor BUCHNER. *Two hours a week. 1925-1926.*

6. Modern Educational Theory.

A study of the current social theories of the school and their application is undertaken, including such topics as the democratic conception of education, the curriculum, the development of class-room conduct and the modification of schoolroom procedure. Reports on required readings and observation of typical schools in the vicinity will be required.

Associate Professor BAMBERGER. *Wednesday,* 4.20–6 *p. m.*

7. Higher Education.

The problems of university and collegiate administration, organization, and instruction are considered on the basis of the methods and results of the investigation of special phases of higher education in the United States.

Professor BUCHNER. *Monday,* 4 *p. m.*

8. Secondary Education.

This course deals with the principal topics of high school organization and administration, including important current problems.

Dr. WEGLEIN. *Two hours a week.*

9. Supervision of Elementary Schools.

This course is intended to assist in clarifying some of the special problems encountered in educational leadership. It includes topics concerning extra-school activities, such as parent-teachers associations; intra-school activities, such as the care and use of the school plant, teacher-training in service; standards for evaluating the worth of instruction, of activities of children, of courses of study, of text-books, of the work of the supervisor.

Readings, written reports, and the intensive investigation of one specific problem are required. A small group may elect and work upon the same topic, each member selecting a different phase of the problem.

This course is designed for supervisors, principals, teachers in training schools and normal schools.

Associate Professor BAMBERGER. *Saturday,* 11 *a. m.*–12.40 *p. m.*

Educational Conference.

The educational conference is designed to supplement the work of the regular courses, with special reference to the technical problems related to educational research. All members of the department meet on the third Monday evening of each month, October to April.

Third Monday, 8 *p. m.*

Educational Clinic.

As an aid to elementary and secondary teachers, the department offers the opportunity of case study of pupils in the Educational Clinic, which is scheduled to be held weekly during the regular session on Wednesdays, 9.30-11.30 a. m. Teachers desiring assistance in meeting the difficulties presented by individual pupils will first secure appointment by communicating with Miss Dougherty, Gilman Hall.

Undergraduate Courses

Introductory courses in Education are given in the College Courses for Teachers, and form part of the program from which election may be made by candidates for the degree of Bachelor of Science. By action of the Board of Collegiate Studies, candidates for the degree of Bachelor of Arts expecting to teach may elect, subject to approval, such courses as will enable them to meet the requirements of Boards of Education and Boards of Examiners.

College graduates may qualify for the Maryland State High School Teachers' Certificate in the regular academic subjects, provided "that during their college course at least two high school branches were continuously pursued for two years," and "provided that they had not less than two hundred recitation hours of instruction in education, including the aims of secondary education, and in the methods, observation, and practice teaching of high school studies."

The State Board of Education has provided that the minimum amount of college work in Education, which will meet the requirements of the State Law, shall include history of education, educational psychology or principles of education, secondary school organization and classroom management, and the curriculum and instruction in secondary schools.

Candidates for the degree of Bachelor of Arts or Bachelor of Science, offering education as a major, will complete Education 1, 3, and either 10 or 16.

1. History of Education.

The course presents in outline the history of education, tracing the development of those ideas, practices and institutions of the past which have been most effective in determining the essential features and problems of education in the present. The work is based on Cubberley's "The History of Education" and "Readings in the History of Education."

Professor Buchner. *Monday and Wednesday*, 5.10 *p. m.*

2. Principles of Education.

This course on the principles of education undertakes a study of education with a view to understanding the work of the school and the mental and social factors in individual development.

Pre-requisites: Education 1 or 3.

Professor Buchner. *Tuesday*, 4.20–6 *p. m.*

3. Educational Psychology.

This course gives a general introduction to the problems and methods of educational psychology. It includes the following topics: original nature; the laws of learning and their application to elementary and secondary school instruction; work; fatigue; practice; individual differences; mental development of school children; psychological characteristics of children at different ages; growth curves of intelligence.

Laboratory fee: $1.50.

Dr. Brooks. *Wednesday*, 4.20–6 *p. m.*

4. Educational Psychology: Adolescence and Learning.

This course is designed to acquaint junior and senior high school teachers

with the more important facts and principles of the psychology of adolescence and of learning, and their applications to high school teaching and control. It includes: physical and mental changes during adolescence and their significance, instructive tendencies, growth of intelligence, development of personality; the amount, rate and limit of improvement from practice, conditions and permanence of learning, relation of different kinds of learning to levels of intelligence, transfer of training.

Laboratory fee: $1.50.

Dr. BROOKS. *Monday*, 3.15–5 *p. m.*

5. Educational Psychology: Elementary School Subjects.

Analysis of the learning processes with special reference to reading and arithmetic, some attention being given to handwriting, drawing, language, and the social studies. Special attention is given to the diagnosis and remedial treatment of difficulties in learning arithmetic and reading.

Dr. BROOKS. *First half-year. Two hours a week. 1925-1926.*

NOTE.—Education 5 is the first half of a full-year course, which includes Education 5 and 7.

6. Theory of Educational Measurements.

This course deals with the principles and technique fundamental to scientific experimentation in education and to the interpretation of experimental data. During the first half-year practice is given in the simpler statistical procedures and graphic methods used in measuring the achievement and intelligence of children. During the second half-year the course includes unreliability of measures; correlation ratio; partial correlation, partial regression equations, and their use in the analysis of educational problems; the validity and reliability of tests and scales; the methods of scale construction; improved types of examinations. Text-book: Thorndike, "Mental and Social Measurements."

Dr. BROOKS. *Friday*, 4.20–6 *p. m.*

7. Educational Measurements: Test of Elementary School Subjects.

A study and evaluation of the more useful scales and tests suitable for use in measuring achievement in the various elementary school subjects. Practice in giving and in scoring tests is required.

Dr. BROOKS. *Second half-year. Two hours a week. 1925-1926.*

NOTE.—Education 7 is the second half of a full-year course. See Education 5, note.

8. Intelligence of School Children.

Principles and technique of rating the intelligence of school children. The development and forms of intelligence tests,—individual and group, verbal and non-verbal. Practice in giving and scoring tests. Relation between achievement and intelligence tests. Validity and reliability of scales for measuring intelligence. Interpretation and application of results with special reference to the classification and instruction of children.

Dr. BROOKS. *Two hours a week. 1925-1926.*

9. Secondary School Organization and Class-Room Management.

This course deals with some of the principal topics related to the organization and administration of secondary schools, such as: the historical development and function of the American high school; comparisons with secondary schools in other countries; the junior high school; extra class-room activities; supervised study; methods of instruction.

Reports and discussion of observation of class-room and other secondary school activities.

Dr. WEGLEIN. *Two hours a week. 1925-1926.*

10. The Curriculum and Instruction in Secondary Schools.

(a) The first half of this course considers the principles involved in dealing with the special problems connected with the program of studies.

(b) During the second half-year attention is given to types of learning characteristic in secondary schools and to methods of instruction in the several subjects.

Dr. WEGLEIN. *Thursday*, 4.10–5.50 *p. m.*

11. Practice Teaching in High School.

This course in classroom apprenticeship is designed to meet the needs of those who wish to secure this experience and training as a part of their collegiate preparation for teaching in secondary schools. It includes teaching and other classroom activities under the supervision of a high school teacher. Students will be assigned to classrooms in accordance with their major, including one related subject, in each of which not less than two collegiate courses shall have been completed.

Students will be required to spend in the classroom not less than three half-days per week and to attend all necessary conferences for nine weeks, the credit being two points.

Open to graduates and to undergraduates within one year of completion of requirements for the baccalaureate degree.

Prerequisites: professional, two courses in education, including history of education or educational psychology, and one course in secondary education; academic, two collegiate courses in each subject for which assignment to practice teaching is made.

Assignment to public high schools, including the City College, the Polytechnic Institute, and the Eastern and Western High Schools, is made possible through the coöperation of the Board of School Commissioners of Baltimore, and to a private high school through that of the School Committee of the Friends School of Baltimore.

Professor BUCHNER and Dr. WEGLEIN.

12. The Junior High School.

The reorganization of education, historical survey of the junior high school, articulation of junior high schools with elementary schools and with senior high schools, provision for individual differences, programs of study, problems of administration and supervision.

Dr. WEGLEIN. *Monday*, 4.10–5.50 *p. m.*

13. The Elementary School Curriculum.

This course is primarily intended for principals, supervisors, critic teachers, and those desiring to prepare themselves for such positions.

This course is a continuation of Education 14 and 15. It studies the curriculum as related to the aims of education with emphasis on the content of the various subjects in a modern curriculum and seeks to evaluate them and their contribution to the aims of education.

Associate Professor BAMBERGER. *Thursday*, 4.20–6 *p. m.*

14. The Elementary School Principalship.

This course is intended for principals, supervisors, critic teachers, and those desiring to prepare themselves for such positions. It deals with the work of the principal as a supervisor of instruction. Such topics as class-room

supervision, teachers' rating, types of data necessary for records, and devices for accurate recording are considered.

There will be observations of teachers at work and actual records made and discussed, in addition to the regular readings and reports in connection with the work of the course.

Associate Professor BAMBERGER. *Two hours a week. 1925-1926.*

15. The Elementary School Principal at Work.

This course is a continuation of Education 14. It considers the responsibility of the principal for the organization and management of the school as a whole. The following topics are studied: classification and progress of children; measuring the achievements of children; the school plant and its equipment; the school and the community.

Associate Professor BAMBERGER. *Two hours a week. 1926-1927.*

16. Elementary Education.

This course is intended to give teachers an insight into the scientific procedure in elementary education. It will study the learning process in relation to specific needs of pupils in the fundamental subjects of the curriculum. It is intended to aid teachers in the analysis of those specific habits, the automatic control of which is necessary to aid children to attain skill in arithmetic, language, spelling, reading, silent and oral.

There will be written reports based on assigned readings. One report will be required from each student based upon a careful study of the effect of scientific procedure upon one individual child.

This course is intended for teachers in the first six grades of the elementary school.

Associate Professor BAMBERGER. *Tuesday,* 4.20–6 *p. m.*

17. The Individual in Relation to Classroom Organization and Management.

Aim: to make such analyses of a teacher's class as will result in a thorough diagnosis of each individual child's needs stated in terms of standard scores in school subjects. On this basis remedial measures will be applied.

There will be assigned readings and written reports. Each student will be expected to give four standard tests to her class, and to use the results of these for analysis and study. Careful testing will be followed by graded remedial measures and accurate records of growth and progress will be kept throughout the year.

Associate Professor BAMBERGER. *Monday,* 4.20–6 *p. m.*

18. Clinical Methods in Elementary Education.

This course provides for two types of work:

(a) To gain acquaintance with scientific means of detecting and diagnosing the general mental ability of a child. To become familiar with one general intelligence test by study and by practice in using it.

(b) To help teachers by critical diagnosis of the difficulties of particular children with the purpose of suggesting remedial measures. A limited number of teachers will be admitted for training in the giving and interpreting of individual tests.

This course is open to elementary teachers.

Miss DOUGHERTY. *Saturday,* 9–10.40 *a. m.*

19. Elementary Education: Unification of Kindergarten and First Grade.

In this course there is discussed the historical development of the unifica-

tion of the kindergarten and the first grade, objectives, content and organization of curriculum, practical questions of equipment and organization, the morale of the situation, with an indication of the extension of the benefit of these changes throughout the primary grades.

This course is open to kindergarten and primary grade teachers.

Miss DOUGHERTY. *Tuesday,* 4.20–6 *p. m.*

20. Elementary Education: Kindergarten and Primary Grades.

The learning process as related to the acquiring power of effective expression.

This course is intended for teachers of kindergarten and primary grades. It is based on a study of the child's methods of learning, and includes the subject-matter of language, composition, spelling and writing, and methods and plans for teaching these. An effort will be made to make the course immediately helpful to the teacher by direct application to classroom situations.

Miss DOUGHERTY. *Wednesday,* 4.20–6 *p. m.*

ENGLISH

GRADUATE COURSES

In the graduate courses the subject of English is studied with reference to the historical and technical aspects of linguistic and literary science. The usual sequence of courses enables a student, in three or four years, to study with precision the important departments of grammar and of literature, and to become trained in the processes of original investigation. Instruction is imparted by lectures, by freer conferences, by the methods of the Seminary, and by class-room recitation. A Journal Club is conducted for the purpose of supplementing the regular courses with reports of the current work of scholars.

1. *English Seminary*

Graduate students are admitted to the Seminary as soon as they have satisfied initial requirements for independent research. In the academic year 1924-1925, the Seminary will be directed in the study of the following subjects:

1. Wordsworth and Coleridge. Professor BRIGHT. *Tuesday,* 3-5 *p. m.*

2. American Literature. Associate Professor FRENCH. *Thursday,* 3-5 *p. m.*

Courses in Early and Middle English Language and Literature, to be announced later, will center in Chaucer and in the Metrical Romances.

3. An introductory course in Anglo-Saxon, with lectures on the Germanic and Indogermanic relationship of the language. Professor BRIGHT. *Friday,* 3-5 *p. m.*

4. The Journal Club of the English Seminary. Professor BRIGHT. *Alternate weeks, two hours.*

UNDERGRADUATE COURSES

English Composition

1. Rhetoric and English Composition.

A course in prose writing prescribed during the first year, consisting of a review of usage and the study of the principles of structure and style, in general and as exhibited in particular forms of discourse. The course will include parallel readings, exercises in the collection and ordering of material, and instruction in note-taking and the use of libraries.

Three hours weekly through the year. Associate Professor FRENCH and Assistants. [*Mon., Tues., Wed.,* 10.30]

2. English Composition.

An elective course in practical writing, open only to engineering students in their first year who have entered with sophomore standing.

Two hours weekly through the year.

Public Speaking

1. (*a*) Reading and Platform Speaking.

During the first half-year attention is paid to correct habits of breathing and to enunciation and expression.

(*b*) The Speech for Special Occasions.

The second half-year is devoted to the study and practice of speeches adapted to various special occasions. Some opportunity for drill in impromptu speaking is afforded at the close of the year.

One hour weekly through the year. **Associate Professor FRENCH and Assistants.**

2. The Forms of Public Address.

An advanced course in oral English. Emphasis will be laid upon public discussion and persuasion. This course is open to students who have taken Public Speaking 1.

One hour weekly through the year. Mr. UHLER.

English Literature

1. English Literature, 1500-1625.

(a) During the first half-year, an account of the revival of learning and its influence upon Elizabethan prose and verse, with the detailed study of selections from the poems of Spenser.

(b) During the second half-year, a survey of the development of the English drama and the reading and study of the more important comedies of Shakspere.

Three hours weekly through the year. Associate Professor FRENCH and an Assistant.

2. English Literature, 1798-1834.

English Literature of the romantic revival. Special attention will be given to the writings of Wordsworth, Coleridge, Scott, Byron, Keats, and Shelley.

Three hours weekly through the year. Professor GREENE.

3. American Literature.

A study of the various types of verse and prose as they are represented

in American literature, with incidental reference to literary history and biography.

(a) During the first half-year, American verse.
(b) During the second half-year, American prose.

Three hours weekly through the year. Associate Professor FRENCH.

Courses 1, 2, and 3 are planned for students who are taking a first course (in college) in English Literature.

Courses 4, 5, 6, and 7 are advanced courses for students who have already taken an introductory course. Course 1 is an appropriate introduction to Courses 4, 5, and 6; Course 2, to Course 7.

4. English Literature, 700-1500.

A survey of the literature before the Norman Conquest; an introduction to Middle English; careful reading of a few of the poems of Chaucer and rapid reading of other poems; reading of romances and lyrical poems.

Three hours weekly through the year. Professor GREENE.

[This course will not be given in 1924-25.]

5. Shakspere: Elizabethan Drama.

This course will include (*a*) the reading of a considerable number of the plays of Shakspere, and a careful study of two or three of the plays: (*b*) a survey of the development of the English drama from its origin to 1642; and (*c*) the reading of several of the plays of Marlowe and Ben Jonson,—and of other dramatists if time serves.

Three hours weekly through the year. Professor GREENE.

6. English Literature, 1625-1774.

First half-year: English literature from 1625 to 1674; special attention will be given to the English Bible and to the works of Milton.

Second half-year: From the Restoration to the death of Goldsmith (1660-1774); special attention will be given to the writings of Dryden, Addison, Steele, Swift, Pope. Gray, Goldsmith, and Johnson.

Three hours weekly through the year. Professor GREENE.

7. English Literature, 1830-1900.

A study of Victorian literature, chiefly as represented in poetry, essay, and novel. Special attention will be given to the writings of Tennyson, Browning, Arnold; Carlyle, Macaulay, Ruskin; Dickens, Thackeray, George Eliot.

Three hours weekly through the year. Professor GREENE.

GEOLOGY

The courses in Geology are arranged to cover the entire field of Geology from the elements to advanced discussions of special topics in Historical Geology, Paleontology, Petrography, Dynamical Geology, and Economic Geology. All of the courses are open to qualified students, but it is not required that all courses should be taken for advanced degrees. Sufficient latitude in requirements and selection of subjects is allowed to permit specialization based upon a thorough grounding in the fundamentals of the science as a whole.

The Undergraduate courses are open to advanced students whose previous work has not included the requisite amount of preliminary training for the advanced courses. They are so arranged that after the first year some latitude in selection is allowed to meet the requirements of students in chemistry, engineering, and geology.

The Graduate courses are so arranged as to permit a distinction between descriptive courses essential to all students of geology and more advanced courses leading to specialization in different aspects of the general subject. The order in which the courses are *generally* taken is indicated by the sequence below, but every effort is made to adjust the graduate courses as to time and subject matter to accomplish the maximum development of the individual student.

The Laboratory and Library are open every day from 8.30 a. m. until 5 p. m. and all the members of the teaching staff are generally present for conference or consultation.

UNDERGRADUATE COURSES

1. Elements of Geology.

Four lectures or recitations and three hours of laboratory work each week through the year. Professor SWARTZ.

This course is designed to give a general view of the subject of geology, and may profitably be pursued by those who wish to have some knowledge of the chief events of the earth's history. It includes an account of the origin of the features of the surface of the earth, a discussion of the phenomena of earthquakes, volcanoes, mountain-making, and an outline of the past history of the earth.

Materials illustrative of the lectures are studied in the laboratory. Emphasis is placed upon the observation of geological phenomena in nature, the State of Maryland presenting features of unusual interest for such study. Frequent excursions are made to neighboring points where the principles of the science are studied in the field, while a longer trip is made in the Spring to places of special interest for geological study. This course is illustrated by maps, lantern views, and the rich collections of the University. A knowledge of elementary Physics is required for the pursuit of this course.

2. Mineralogy and Elementary Petrography.

Three lectures and six hours of laboratory work each week through the year. Professor SWARTZ.

This course includes the study of crystallography, and a discussion of the more important minerals. Numerous excursions are made to points of interest in the vicinity of Baltimore, which is unusually rich in the variety of its rocks and minerals.

Emphasis is laid upon laboratory work, which includes the study of crystal models, the identification of minerals by means of the blow-pipe and by inspection, and the examination of rocks in the laboratory and in the field. A knowledge of chemistry is required for the pursuit of this course.

3. Applied Geology.

Three lectures each week through the year. Professor MATHEWS.

This course is designed for students in geology and engineering who have had one or both of the preceding courses. Its aim is to show the relation of geological phenomena and geological conditions to human activities. It includes discussions of coal, oil, clay, building stones, water supply, etc., and

imparts information on these subjects such as an educated man should possess. It does not include a treatment of the technical questions of metallurgy or mining.

[The course in Applied Geology will alternate with that in Commercial Geography to be given in 1924-25.]

4. Historical Geology.

Three lectures each week through the year. Professor BERRY.

This course aims to present the main events in the past history of the earth as disclosed by the stratified rocks and the relics of animal and plant life which they contain. Open to students who have taken Geology 1.

5. Commercial Geography.

Three lectures each week through the year. Professor MATHEWS.

This course is offered to students of the University interested in political economy or other academic courses. It is designed to present a general picture of the physical features of the earth in their relations to commerce and industry; the characteristics of districts and commodities and the commercial inter-relationships of the various countries of the earth. While primarily for Juniors and Seniors, this course is open to all students.

[The course in Commercial Geography will alternate with that in Applied Geology not given in 1924-25.]

GRADUATE COURSES

1. Systematic Paleontology.

Three lectures and two afternoons of laboratory work each week through the year. Professor BERRY.

A systematic course in invertebrate paleontology and paleobotany covering the morphology, ontogeny, distribution, and phylogeny of the various groups represented in the geologic record and their existing representatives.

2. Systematic Petrography.

Three lectures and two afternoons of laboratory work each week through the year. Professor MATHEWS.

This course consists of two parts. The first aims to present the principles of optical mineralogy and a description of the optical properties of the more important minerals occurring in rocks. The second deals with the classification and description of the more important rocks of igneous, sedimentary, and metamorphic origin.

3. Geography.

Two hours each week through the year. Professor REID.

This course consists of two parts:

(a) General Geography, first half-year. This course is intended as introductory to the more detailed study of the problems of physical geology. It takes up the general characteristics of the earth as a whole, shape of its surface, distribution of land and water, and the general characteristics of the land and oceanic areas, etc.

(b) Exploratory and Geological Surveying, second half-year. This course covers the general methods of surveying, with special reference to the methods that would be used in explorations and the methods of working out the general structural geology of a region.

4. Economic Geology.

Three lectures and one afternoon of laboratory work each week through the year. Professor SINGEWALD.

This course consists of four parts:

(a) Ore deposits of the United States. *Two hours through the year.*

A discussion of the mineralization and its distribution with descriptions of the principal ore deposits.

(b) Mineral Deposits of South America. *One hour through a half-year.*

Discussion of geologic relations, mineralogic characteristics and genetic features of mineralization in the South American continent. Description of principal mineral deposits in each of the countries.

(c) Ore deposits of Europe. *One hour through a half-year.*

(d) Field trip in April to important mineral deposits of eastern Pennsylvania and New Jersey ($45.00).

5. Advanced Petrography.

Two lectures and two afternoons of laboratory work each week through the year. Professor MATHEWS.

This course aims to present by lectures and conferences topics of special importance in mineralogy and petrography, such as the properties of silicate magmas, eutectics, the physical chemistry of selected mineral systems, the role of colloids in geological phenomena, the principles underlying rock classification, the history of igneous activity, etc.

6. Dynamic and Structural Geology.

Two lectures each week through the year. Professor REID.

In this course special problems in physical geology and general physiography are considered in conferences and lectures. The topics considered include in physical geology such matters as the methods of determining the size and shape of the earth; the distribution of density of the earth; isostasy; tides; rigidity of the earth; temperature of the earth; estimates of its age; earth movements and the origin of mountain ranges; dynamics of faulting and folding; earthquakes; volcanoes; and photographic surveying.

In general physiography such subjects as the character and origin of various land forms, special problems of erosion and deposition, the physical character of lakes, rivers, and mountains, glaciers and glacial geology are taken up.

7. Advanced Paleontology and Historical Geology.

Two afternoons each week through the year. Professor BERRY.

One afternoon each week is devoted to conferences and special problems covering the principles and application of geological chronology and one afternoon each week is devoted to special problems in the interpretation of fossil faunas and floras. The seminar method is largely used and original work on the faunal and floral facies, succession, and their interpretation in terms of environment and for purposes of correlation is emphasized.

8. Advanced Economic Geology.

Three lectures and one afternoon of laboratory work through the year. Professor SINGEWALD.

This course consists of three parts:

(a) Consideration by lectures and in seminar of the genesis and classification of ore deposits. Magmatic segregation, contact metamorphism, source and nature of mineralizing solutions, ore shoots and their cause, and the superficial alteration and enrichment of ore deposits are among the topics receiving special consideration..

(b) Microscopic study of ores in the laboratory.

Library

The Library of the Geological Department is a large collection of carefully selected works which contains practically all monographs and original publications referred to in geological literature, with sufficient text-books, compendiums, and other works of compilation to meet the needs of the less mature students. The library contains over 15,000 volumes and 16,000 pamphlets, and is being constantly enlarged by the acquisition of contemporaneous publications and old classic works. It is especially strong in the less accessible publications of the official Surveys of Europe and the more accessible official reports of America. All of the current serials received by the department, totalling 390-400, are analyzed and their contents catalogued by author, subject, locality, and geologic horizon, if necessary, giving to the students and staff valuable bibliographies from many viewpoints.

Collections

The study and reference collections are especially extensive, particularly in petrography, paleontology and economic geology. The various ore-producing regions of the world are well represented and the paleontologic materials from the classic localities of Europe are extensive. The Department has devoted much time to exploration in South America, and the ore deposits, minerals and fossils from that continent available for the work of advanced students is probably the most complete in the country.

Relations to Washington

The proximity to Washington makes available to the student the resources of additional extensive libraries and collections and affords the advantages of personal intercourse with the large group of scientific men at the Smithsonian Institution and National Museum, the U. S. Geological Survey, the Bureau of Mines, and the Geophysical Laboratory of the Carnegie Institution.

Relations to the Maryland Geological Survey

The Maryland Geological Survey has been conducted under the auspices of the Geological Department since 1896 and covers a wide variety of work. The geological work of the Survey has been devoted on the one hand to a study of the stratigraphy and paleontology of the State, and on the other to the mineral products, in both of which lines a large number of publications has resulted. The advanced students of the department are thus afforded unusual opportunities to participate in practical Survey activities. Many of them are employed during the year, especially during the summer vacation, in field work for which they receive remuneration. Field material for dissertations is frequently secured, which is subsequently worked up in the laboratory. Opportunity for publication is afforded by the Survey reports.

GERMANIC PHILOLOGY
GERMAN LANGUAGE AND LITERATURE

SEMINARY

The Seminary is divided into two sections. Section A (the Germanic Seminary) has for its object the philological study of the Old Germanic Languages and the historical study of German Grammar. This section will be conducted by Professor COLLITZ, and will meet twice weekly. During the first half-year the poems of Walther von der Vogelweide will be studied. The subject for the second half-year will be the songs of the *Elder Edda.*

Section B (the German Seminary) is chiefly concerned with the study of German Literature (both Modern and Middle High German), and will be conducted by Associate Professor KURRELMEYER. In 1924-25 this section will met twice weekly. During the first half-year the life and works of Wieland will be studied. The subject for the second half-year will be the Middle High German *Nibelungenlied.*

Students in Section A are requested to procure K. Lachmann's edition of Walther von der Vogelweide (8. Ausgabe, besorgt von C. v. Kraus, Berlin, 1923), and for the second half-year, G. Neckel's edition of the *Edda* (I. Text: Heidelberg, 1914).

Students in Section B are advised to provide themselves with one of the larger editions of Wieland (*e. g.*, Leipzig, 1794 ff., or the Hempel edition); *Das Niebelungenlied,* Schulausgabe mit Wörterbuch von Karl Bartsch, 6. Aufl., Leipzig, 1911, F. A. Brockhaus.

ADVANCED COURSES

GERMANIC PHILOLOGY (AND LOW GERMAN LITERATURE)

1. Gothic (Introductory Course).

Two hours weekly through the year. Professor COLLITZ.

Braune, *Gotische Grammatik,* 9 Aufl., Halle, 1920 (or *A Gothic Grammar,* by W. Braune, transl. from the fourth German edition by G. H. Balg. New York, Lemcke and Buechner).

2. Selected Topics from Comparative Germanic Grammar.

Weekly, through the year. Professor COLLITZ.

This course presupposes a knowledge of the essentials of Gothic grammar.

3. Elementary Old Norse.

Two hours weekly, first half-year. Professor COLLITZ.

H. Sweet, *An Icelandic Primer,* 2nd ed., Oxford, 1895.

4. Old High German (Introductory Course).

Two hours weekly, second half-year. Professor COLLITZ.

Old High German will be studied in its relation to both Gothic and Middle High German.

Braune, *Abriss der althochdeutschen Grammatik.* 5. Auflage, Halle, 1919; Braune, *Althochdeutsches Lesebuch.* 8. Auflage. Halle, 1921.

GERMAN LANGUAGE AND LITERATURE

1. Middle High German (Introductory Course).

Two hours weekly, first half-year. Associate Professor KURRELMEYER.

Paul, *Mittelhochdeutsche Grammatik*, 10. Aufl., Halle 1918; Hartmann von Aue, *Der arme Heinrich*, hrsg. von H. Paul; Lexer, *Mittelhochdeutsches Taschenwörterbuch.*

2. The History of the German Novel in the Eighteenth Century.

Two hours weekly, first half-year. Associate Professor ROULSTON.

A brief sketch of the novel before this period will be given, but the chief interest will be centered in the rapid development of the novel during the eighteenth century, the various foreign influences, and the rôle which the novel played in the life and thought of the nation.

3. Goethe's Lyrical Poems.

One hour weekly, first half-year. Associate Professor KURRELMEYER.

Goethe's Lyrical Poems will be studid chronologically, in a selection designed to illustrate the change and growth in Goethe's language and style.

4. Goethe's *Faust,* Second Part.

Weekly through the year. Professor COLLITZ.

The second part of Goethe's *Faust* differs as much from the average drama as a "music-drama" of Richard Wagner's from the average opera. Instead of trying with many commentators (including Erich Schmidt and Calvin Thomas) to smooth these differences over we should rather allow them to stand out in full prominence.

5. Das Junge Deutschland.

Two hours weekly, second half-year. Associate Professor KURRELMEYER.

The poets of Young Germany will be studied in connection with their opponents. A large collection of unpublished autograph letters of Gutzkow will be accessible for the study of the later period of this author.

6. The Life and Works of Conrad Ferdinand Meyer.

Two hours weekly, second half-year. Associate Professor ROULSTON.

This course will be a detailed study of Meyer, and an attempt to fix his position in the literature from the point of view of our own day.

UNDERGRADUATE COURSES

German Elements.

Vos, *Essentials of German*; Gerstäcker, *Germelshausen*; Heyse, *Die Blinden*; Wilhelmi, *Einer muss heiraten*; von Wildenbruch, *Das edle Blut*; Prose Composition; Grammar.

Three hours weekly through the year. Associate Professor KURRELMEYER. [Section A, *Mon., Tues., Wed.*, 11.30; Section B, *Wed., Thurs., Fri.*, 8.30.]

German Elements in the College Courses for Teachers is also open to Undergraduates.

German 1.

Modern Prose Readings: C. F. Meyer, Keller, Fontane, Sudermann, and others. Prose Composition. Private Reading.

Four hours weekly through the year. Associate Professor ROULSTON.

German 2.

Contemporary German: Novel and Drama.

Three hours weekly through the year. Associate Professor KURRELMEYER. [*Mon., Tues., Wed.*, 10.30.]

German 3.

Goethe and Schiller, with a Study of the Literature of the Classical Period. Goethe's *Faust* and *Iphigenie,* and Schiller's early dramas will be the works chiefly studied.

Three hours weekly through the year.

German 4.

Scientific German: Lassar-Cohn, *Die Chemie im täglichen Leben*; von Helmholtz, *Populäre Vorträge*; Walther, *Allgemeine Meereskunde.*

Three hours weekly through the year. Associate Professor KURRELMEYER. [*Wed., Thurs., Fri.*, 9.30]

German 5.

Medical German.

Three hours weekly through the year. Associate Professor ROULSTON. [Mon., Tues., Frid., 9.30]

This course is intended primarily for students who propose to enter the Medical School. It should, therefore, not be taken before the junior or senior year. It should be accompanied by courses in Biology or Psychology.

GREEK

SEMINARY

The Greek Seminary meets two hours a week under the direction of Professor MILLER. The Seminary consists of the director and advanced students. All graduate students, however, may have the privilege of attending the meetings. Each regular member is required to take his turn in the work of the Seminary, and special subjects for research are assigned according to progress and bent.

The plan of the Seminary is based on the continuous study of some leading author or of some special department of literature. Thus, during the last few years, the following subjects have been studied: Greek Oratory, 1918-19; Greek Historians, 1921-22; Greek Tragedy, 1922-23; The Pre-Socratics and Plato, 1923-24.

During the next academic year, the study of Greek Comedy will constitute the chief occupation of the members. In addition to a complete text of Aristophanes, the student should possess Pickard-Cambridge's *Select Fragments of the Greek Comic Poets,* Koerte's *Menandrea* and Crusius' *Herondas.*

OTHER GRADUATE COURSES

Professor MILLER will also give the following courses:

1. Lectures on Greek Comedy. *Two hours weekly during the first half-year.*

2. Readings in Lucian. *Two hours weekly during the second half-year.*

3. Lectures and practical exercises in Greek Rhythmic and Metric. *One hour weekly through the year.*

4. Readings in Biblical and Patristic Greek. *One hour weekly through the year.*

5. Greek Composition. *One hour weekly through the year.*

Professor ROBINSON will conduct weekly readings in the Argonautica of Apollonius Rhodius.

UNDERGRADUATE COURSES

Greek Elements.

Benner-Smyth, *Beginner's Greek Book*; Xenophon, *Anabasis.*

Four hours weekly through the year. Dr. BAKER.

This course is intended for students, graduate or undergraduate, who have had no previous training in Greek. It is open not only to those who wish to make Greek a more or less integral part of their course of study, but also to students of other subjects who feel the need of an elementary knowledge of Greek for the better prosecution of their respective lines of work.

Intermediate Greek.

Prose Selections and Homer.

Four hours weekly, through the year. Dr. BAKER.

This course is planned for those who have completed Greek Elements and is designed to connect with Greek 1.

Greek 1.

Xenophon, *Memorabilia* (selections).
Plato, *Apology.*
Herodotus (selections).

Three hours weekly, through the year. Dr. BAKER.

Private Reading: Plato, *Crito*; Homer, *Odyssey* (two books).

Greek 2.

Lysias (selections); Isocrates (selections).
Euripides (one play).

Three hours weekly, through the year. Dr. BAKER.

Private Reading: Xenophon, *Hellenica* (Book I); Lucian (*selections*).

Greek 3.

Plato, *Protagoras.*
Lyric Poets.
Sophocles (one play).

Three hours weekly, through the year. Dr. BAKER.

Private Reading: Elegiac and Iambic Poets; Euripides (one play).

Greek 4.

Thucydides VII (selections).

Aristophanes, *Frogs*.

Two hours weekly, through the year. Dr. BAKER.

Greek Literature, with reading of selected passages.

Weekly, one year. Professor ROBINSON.

Private Reading: Demosthenes (select orations); Aeschylus (one play).

NOTE 1.—The above program is subject to modification to suit the needs of the students.

NOTE 2.—Of the courses designated as Greek 1, 2, 3, and 4, only those will be given for which there is a demand.

NOTE 3.—Greek Literature (Greek 4), Roman Literature (Latin 3), Greek Life (Archæology 3) and Roman Life (Archæology 1), each one hour weekly for one year, are open to all students. A combination of any three of these courses is counted as a full course.

HISTORY

Facilities for research are offered in the principal fields of history. Special attention is given to methods of investigation and each advanced student comes under the personal direction of the instructors in his chosen field. This supervision is obtained through seminary meetings and frequent private consultation.

In addition to the library of the University, students make use of the admirable collections of source material in the Peabody Library and the Maryland Historical Society, and are in constant touch with the great resources of the Library of Congress and the departments in Washington. The University library is constantly receiving accessions of historical works and documentary material.

GRADUATE COURSES

The courses in history are planned to cover three years of continuous study, and will be given in the years indicated, subject of course to change in detail.

By Professor LATANÉ:

1. The British Colonial System and the American Revolution.
Two hours weekly, first half-year. 1925-26.

2. American Constitutional and Political History, 1789-1865.
Two hours weekly, first half-year. 1926-27.

3. American History since the Civil War.
Two hours weekly, first half-year. 1924-25.

4. Anglo-American Diplomatic Relations.
Two hours weekly, second half-year. 1925-26.

5. Latin-American History and Diplomacy.

Two hours weekly, second half-year. 1926-27.

6. American Diplomacy in the Orient.

Two hours weekly, second half-year. 1924-25.

7. Seminary in American History.

The Seminary in American history meets for two consecutive hours on alternate Tuesdays. Membership is limited to graduate students who are making history their principal subject. In order that the student may concentrate his attention on a given period or topic, the work of the Seminary parallels to a large extent that of the lecture courses; that is, the topics assigned for investigation and report are closely related to the lectures and involve a more detailed study of the source material than can be given in the lectures.

By Professor VINCENT:

8. Early Institutions and the Origins of European States.

A study of the constitutional foundations of Western Europe.

Two hours weekly, first half-year. 1925-26.

9. The Close of the Middle Ages.

The decline of feudalism and the age of discovery.

Two hours weekly, second half-year. 1925-26.

10. The Period of the Reformation.

Includes the preparatory stages and the political complications of the reform movement on the Continent and in England.

Two hours weekly, first half year. 1926-27

11. Europe in the Seventeenth Century.

Social and constitutional development in Western Europe and the Puritan Revolution in England.

Two hours weekly, second half-year. 1926-27.

12. The Ancient Régime and the French Revolution.

A study of economic and social conditions.

Two hours weekly, first half-year. 1924-25.

13. The Nineteenth Century.

The development of modern nationalism and the tendencies of European political self-government.

Two hours weekly, second half-year. 1924-25.

14. Seminary in European History.

The Seminary provides an opportunity for coöperative investigation of historical problems, and the subjects are usually chosen from the field covered by the lectures of the same year. Discussion of the nature of materials and mutual criticism of papers presented are the means taken to develop facility in research and sound historical judgment. Eventual dissertations are given individual attention by the professor outside of the seminary.

By Professor ROBINSON:

15. History of Greece. Prehistoric, Minoan, and Mycenaean Periods.

One hour weekly through the year. 1924-25.

16. History of Greece from the Dorian Invasion to the Peloponnesian War.

One hour weekly through the year. 1925-26.

17. History of Greece from the Peloponnesian War to the destruction of Corinth.

One hour weekly through the year. 1926-27.

By Professor FRANK:

18. History of Italy and Rome from the Earliest Times to the year 133 B. C.

*One hour weekly through the year. 1924-25.**

19. History of Rome from 133 B. C. to the end of the Republic.

One hour weekly through the year. 1925-26.

20. History of the Roman Empire

On hour weekly through the year. 1926-27.

SPECIAL LECTURES

The Albert Shaw Lectures on Diplomatic History are given biennially by investigators in selected fields of American foreign relations. Ten volumes of Shaw Lectures have been published by the Johns Hopkins Press.

The James Schouler Lectures on History and Political Science are given annually by men of prominence, upon topics indicated in the title of the lectureship. These lectures are open to the public as well as to the students and members of the University. The lecturers on this foundation have been Dr. Abbott Lawrence Lowell, president of Harvard University; George Walter Prothero, Litt. D., formerly professor of history in the University of Edinburgh; Professor John Bassett Moore, of Columbia University; Dr. James Schouler; Professor Joseph Redlich, of the University of Vienna; Hon. Charles Francis Adams; Professor William A. Dunning, of Columbia University; Dr. David Jayne Hill; Dr. Paul S. Reinsch; and Dr. J. Holland Rose, of the University of Cambridge; Professor E. Raymond Turner, of the University of Michigan; and Professor Paul Vinogradoff, of the University of Oxford.

Other lectures of interest to the students of this department, either open to the public or designed for class instruction, are given from time to time by distinguished scholars outside the University. These lectures are, in part, provided for from the income of the funds bequeathed by the late Professor Herbert B. Adams and Mr. A. J. Robinson.

UNDERGRADUATE COURSES

1. History of Greece and Rome. Dr. BAKER.

The political, constitutional, social, and industrial history of Greece and Rome, approached through the translated texts of Herodotus, Thucydides, Plutarch, Suetonius, Tacitus, Cassius Dio, and others, with the aid of modern authorities.

Three hours weekly through the year.

* Not to be given in 1924-25. Professor Frank on leave in Rome.

2. History of European Civilization. Professor VINCENT, Mr. SEMMES, and Mr. FRAZER.

Intended primarily for freshmen, this course will extend from the eighth through the eighteenth century with studies of the political, social, and intellectual development of the leading nations of Western Europe. By means of lectures, text-books, and references, the foundations of modern civilization will be sought and examined.

Three hours weekly through the year.

3. History of Modern Europe. Professor VINCENT.

An advanced course for the study of the French Revolution and the Nineteenth Century.

Three hours weekly through the year. 1924-25.

4. English History. Professor VINCENT.

Chiefly constitutional and political, dealing with the origin and development of parliamentary institutions, the relations of England with continental Europe, and the modern expansion of the British Empire.

Three hours weekly through the year. 1925-26.

5. American History. Professor LATANÉ and Dr. THACH.

The discovery and settlement of America, British colonial policy, the Revolution and the adoption of the Constitution, the development of nationality, the slavery conflict, reconstruction, expansion, and international relations.

Three hours weekly through the year.

LATIN

The Latin Seminary meets twice a week through the year. It consists of the director, fellows, scholars, and such advanced students as have given satisfactory proof of their ability and training. Any graduate student is at liberty to attend the exercises, but only regular members are permitted to take part in the work. The seminary work is concerned with the important authors of the following periods: Early Republican writers (especially Plautus and Terence) 1924-25; Late Republican period (especially Lucretius and Catullus) 1925-26; Early Augustan period (especially Vergil and Horace) 1926-27. In addition to the seminary, courses in special authors and departments of literature, in grammar and composition, literary history, epigraphy, paleography, etc., will be scheduled three hours weekly in a three-year sequence.

During 1924-25 the graduate courses will be as follows:

1. Seminary in Plautus and Terence.

Professor WHEELER. *Two hours weekly.*

2. Latin Composition.

Professor MUSTARD. *One hour weekly.*

3. Vergil's *Georgics.*
   Professor MUSTARD. *Two hours weekly, first half-year.*
4. Tacitus.
   Professor MUSTARD. *Two hours weekly, second half-year.*

UNDERGRADUATE COURSES

1. Livy (selections); Horace (selections); Prose Composition.
   Four hours weekly through the year.
2. Tacitus, *Annals* (selections); Pliny's *Letters* (selections); Catullus.
   Three hours weekly through the year.
3. Lucretius (selections); Vergil, *Georgics;* Horace, *Ars Poetica.*
   Three hours weekly through the year.
4. Roman Comedy (selections); Roman Satire (selections).
   Three hours weekly through the year.
5. Advanced Latin Composition.
   Weekly through the year.

In October, 1924, a special course in Vergil will be arranged for undergraduates who have had less than four years of school Latin.

MATHEMATICS

The advanced courses are so arranged that a qualified students gets in three years the more important points of view of the whole subject. The courses are elastic in character, subjects being introduced as they are needed. In general, the plan pursued is to further independent inquiry on the part of the student. Once embarked on investigation, he uses all the apparatus of lectures and library with intelligent purpose. The seminary, which meets weekly, is primarily intended for the presentation of the results of the student's own thinking. Literature either intrinsically important or opportune is presented and discussed in the reading class, which also meets weekly. The following courses are offered:

ADVANCED COURSES

1. Mathematical Seminary.
   One hour weekly. Professor MORLEY.
2. Reading Class.
   One hour weekly. Professor MORLEY.
3. Higher Geometry.
   Three hours weekly, first half-year. Professor MORLEY.
   This is a general course in Geometry, covering in three years such matters as Projective Geometry, the Invariants of Algebraic Forms, Line Geometry, Conformal Geometry.

4. Theory of Functions.

Three hours weekly, second half-year. Professor MORLEY.

Algebraic Functions and their Integrals; Elliptic, Elliptic Modular, and General Automorphic Functions; Theory of the Potential.

*5. Dynamics.

Two hours weekly, second half-year (every other year). Professor MORLEY.

Special stress is laid on Rigid Dynamics.

*6. Vector Analysis.

Two hours weekly, first half-year (every other year). Professor MORLEY.

7. Elementary Theory of Functions.

Two hours weekly. Associate Professor COHEN.

An introduction to the theories of fractions of a real and a complex variable.

8. Differential Equations.

Two hours weekly. Associate Professor COHEN.

Including, in three years, Ordinary Differential Equations, their Integral Curves and Singular Points; Partial Differential Equations; Lie's Theory.

*9. Differential Geometry.

Two hours weekly. Associate Professor COHEN.

Including a study of Curves in Space; Surfaces and Lines upon them; Quadratic Differential Forms; Invariants.

*10. Calculus of Variations.

Two hours weekly. Associate Professor COHEN.

*11. Theory of Numbers.

Two hours weekly. Associate Professor COHEN.

*12. Theory of Groups.

Two hours weekly. Dr. MUSSELMAN.

Including Theory of Equations, Finite Geometrics, Theory of Algebraic Forms.

13. Theory of Correspondence.

Three hours weekly. Dr. MUSSELMAN.

Including such matters as Cremona Transformations, General Birational Transformations.

14. Theory of Probability.

Two hours weekly. Dr. MUSSELMAN.

Including applications to Statistics and the Theory of Errors. Bernoulli, Poisson and Lexis series; methods of Pearson and Charlier applied to heterograde statistics; application of Hermite polynomials and theory of integral equations to the theory of frequency distributions.

*15. Electricity and Magnetism.

Three hours weekly. Associate Professor MURNAGHAN.

Application of spherical and cylindrical harmonics; the theory of transmission of signals with special reference to long-distance telephony and wireless telegraphy.

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* Courses thus marked will *not* be given in 1924-25.

16. Dynamical Systems.

Two hours weekly. Associate Professor MURNAGHAN.

Including a discussion of the structure and stability of the atom.

*17. Modern Theory of Gravitation.

Two hours weekly, first half-year. Associate Professor MURNAGHAN.

18. Elasticity and Hydrodynamics.

Three hours weekly. Associate Professor MURNAGHAN.

An introduction to the theory of elastic media and the propagation of waves. Special attention will be directed to problems on the motion of aeroplanes.

19. Theory of Invariants.

Three hours weekly. Dr. NELSON.

Including the invariant theory of ordinary and partial Differential Equations.

UNDERGRADUATE COURSES

1. Analytic Geometry; Elements of Calculus.

Three hours weekly. Associate Professor MURNAGHAN, Dr. MUSSELMAN, Dr. NELSON, and assistants.

Conference. *Two hours weekly.*

This course is open to those students only who are credited with Trigonometry for matriculation. The course counts eight points towards graduation.

01. Trigonometry; Analytic Geometry; Elements of Calculus.

Three hours weekly. Dr. NELSON, and assistants.

Conference. *Two hours weekly.*

This course is for students who enter without Trigonometry; it counts six points towards graduation.

2. Differential and Integral Calculus.

Three hours weekly. Professor HULBURT, Associate Professors COHEN and MURNAGHAN, Dr. MUSSELMAN, and Dr. NELSON.

Conference. *Two hours weekly.*

A student whose average mark in the Mathematics of the first year is below 7, is not permitted to take Mathematics 2.

3. Applications of Calculus; Differential Equations; Mechanics.

Three hours weekly. Associate Professor COHEN.

4. Projective Geometry; Higher Plane Curves.

Three hours weekly. Professor HULBURT.

Conference. *Two hours weekly.*

5 A. Mathematics of Finance.

Three hours weekly, first half-year. Dr. MUSSELMAN.

Includes the study of annuities, sinking funds, amortization tables and valuation of bonds.

5 B. Elementary Theory of Probability.

Three hours weekly, second half-year. Dr. MUSSELMAN.

Includes the Theory of Least Squares, and the application of mathematical methods to statistics.

In connection with the three hours' class-room instruction, the instructor in certain undergraduate courses meets his students weekly in a two-hour session for the purpose of supplementary explanation and application of the principles taught in the class-room. This is that part of the courses designated as "Conference." It is not intended thus to increase the amount of work required of the student, but rather to aid him in the understanding and preparation of the work of the class.

DEPARTMENT OF MILITARY SCIENCE AND TACTICS
RESERVE OFFICERS' TRAINING CORPS

The traditional policy of the American people is to maintain a small regular army. With our rapidly growing population and increasing national responsibilities, some way must be found to keep our national strength for emergencies abreast of our national progress. One of the several means of doing this is in introducing a moderate course of military instruction in practically all of the important colleges and universities of the country. The course that is offered at the Johns Hopkins University is in substance the same that is offered at any other of our important institutes.

PURPOSE

The primary purpose of the Reserve Officers' Training Corps is to provide officers for the Reserve Corps. The Reserve Corps is the largest of the three component parts of the Army of the United States. This purpose is accomplished by providing for selected students a systematic military training at educational institutions. An effort is made to attain this object while students are pursuing their general or professional studies, with the least practicable interference with their school work. The methods employed are designed to fit them physically, mentally, and morally, for pursuits of peace as well as of war.

TIME ALLOTTED

Each year the student devotes five hours per week to this work. There are two one-hour periods per week spent in the class room, one of these is a lecture period for which no preparation is required and the other is a recitation period for which preparation is necessary. The remaining three hours are devoted to infantry drill and other practical work.

AGREEMENT

Each student who desires to enroll in the Military Department must sign an agreement with the Government to continue the course for two academic years. At the end of this time, if he desires to continue his military work, he may sign another agreement for two more years, provided

he is selected by the President of the University and the Professor of Military Science and Tactics.

CREDITS—ACADEMIC

Of the 125 hours credit required for graduation, 17 may be earned in this department.

1st year basic (Freshman)	3
2nd year basic (Sophomore)	4
1st year advanced (Junior)	5
2nd year advanced (Senior)	5
Total	17

SUMMER CAMP

A desirable and beneficial feature of the Reserve Officers' Training Corps is the summer camps. These camps are held each summer at regular army posts for a period not to exceed six weeks. They are under the supervision of army officers and are intended to give vigorous and practical training, which time and facilities do not permit during the school year. Physical development is considered one of the most important features of the courses of instruction.

A small number of specially selected students in the basic course are permitted to attend the summer camps. Students who elect to take the advanced course obligate themselves to attend. The Government bears the entire expense of these camps. It furnishes transportation, food and quarters. In addition the advanced course men are paid a reasonable sum for each day spent in camp.

Fathers and mothers are given every assurance that the utmost care will be taken by experienced and thoughtful officers to insure healthy surroundings and a good moral atmosphere for the students. The students' work begins usually at 6 a. m. There is something vigorous and scientific to do every working minute of the day. After the work there is sport and play. Entertainment and social life are provided under supervision of persons especially qualified in this work.

COMMUTATION

Each student who elects to take the advanced course is paid for rations, during the entire two years, except while he is attending camp, at which time he is furnished rations. The present rate for rations is 30 cents per day.

UNIFORM

Members of the R. O. T. C. must appear in proper uniform on each of the two drill days per week. A specially designed tailor-made uniform is furnished free to each member by the Government. The uniforms must be kept in good condition by the students and returned at the end of each academic year.

COMMISSION

The students completing the advanced course are eligible for selection

by the President of the University and the Professor of Military Science and Tactics to receive commissions in the Officers' Reserve Corps and thereby become directly identified with the military establishment of the nation.

PHYSICAL EXAMINATION

Every member of the R. O. T. C. is given a physical examination each year. Serious defects discovered are reported to the parents with recommendation for remedial measures.

PHYSICAL TRAINING

Physical Training is an important feature of military instruction. It improves a young man's physique and gives him a better carriage.

DISCIPLINE

The student is under military discipline only during those hours devoted to military instruction. It is believed that this training in discipline will be a benefit to a man in any career.

LEADERSHIP

The benefit to be derived from the exercise of leadership cannot be overestimated. Many men go through college without ever impressing their own personality upon their fellow students. Experience in commanding others gives one a self-confidence which is difficult to develop in any other way.

All students are given an opportunity to exercise leadership. Those showing special aptitude in leadership are selected as the cadet noncommissioned officers during their second and third years. The students taking the fourth-year work become cadet officers.

MILITARY BAND

A military band is maintained as a part of the Cadet Corps. The Band instruments are furnished by the Government.

SCABBARD AND BLADE

There is a chapter of the honorary national military society, "Scabbard and Blade," at the University, to which cadet officers of the unit are eligible for membership. The purpose of this exclusive fraternity is to further the interests of national defense and to co-operate with the military department in local matters.

OUTLINE OF COURSES

First Year Basic. 3 credits.

Two hours class-room and three hours practical work each week throughout the year.

SUBJECTS

Infantry Drill Regulations: Instruction is given in the school of the soldier, squad and platoon, in close and extended order drill. The ceremonies of parade and review are also practiced.

The purpose of the training, besides teaching the mechanism of handling

bodies of men in close and extended order, is to cultivate a spirit of team work and co-operation. Drill improves the physique, disciplines the mind, and teaches respect for constituted authority.

Scouting, Patrolling and Combat Principles: An effort is made through practical and theoretical instruction to train each student to act as a member of a patrol, and as a member of a rifle squad in combat.

Marksmanship: (a) *Rifle:* The student is taught not only how to handle and shoot a rifle, but how to teach others to do so. An indoor gallery range for small bore rifles makes gallery practice possible throughout the entire year.
(b) *Automatic Rifle:* A working knowledge of the mechanism of this arm is taught, and the characteristics of is use in combat.

Physical Training: This course is conducted in conjunction with the Department of Physical Education of the University. By calisthenics, athletics, and mass games, an effort is made to improve the physique of all students. Lectures on personal hygiene are given, with the object of improving the living conditions of all who pursue the course.

Military Policy and Patriotism: Through a course of lectures, the military policy of the United States and its development to the present form are presented to the students. The relation is shown between the R. O. T. C. and the problem of national defense.

Military Courtesy: The course in military courtesy is in the form of lectures given throughout the year. It covers that form of courtesy that is peculiar to military life, and at the same time is useful to men in any walk of life.

Second Year Basic. 4 credits.

Two hours class-room and three hours practical work per week throughout the year.

SUBJECTS

Infantry Drill: The objects and scope of the course are the same as for First Year Basic. Emphasis is placed on training in leadership, and, to that end, second year students are appointed to the grades of sergeant and corporal, according to proficiency shown during the first year.

Combat Principles: The student is taught to lead a squad or section in the attack and defense, and to command a squad in the service of security.

Musketry: The purpose of this course is to give training in teamwork in the application of infantry fire. Students acting as leaders will apply, adjust and direct the fire of their sections against enemy targets. While most of this course is given theoretically, 1½ hours practical work per week is devoted to the more important features. Some landscape target firing is conducted on the gallery range.

Weapons: (a) *Bayonet:* A short theoretical and practical course is given in bayonet training. The positions and movements used in bayonet combat are taught. The exercises develop agility, quickness of eye and accuracy of movement.
(b) *Hand and Rifle Grenades:* The student is taught the mechanism and functioning of each of these weapons, and studies the nature of the explosives used therein. Actual throwing of dummy hand grenades and firing of dummy rifle grenades is done during the practical work.
(c) *Machine Gun; 37-mm. Gun; 3-inch Trench Mortar:* This course covers the nomenclature, mechanism, stripping and assembling of these weapons, and of their functioning in detail. On occasions practice firing of the trench mortar has been held on the campus.

Physical Training: This is a continuation of the course outlined under First Year Basic.

Military Policy and Patriotism: This is a continuation of the lecture course described under First Year Basic.

Military Hygiene and First Aid: Instruction is given in personal hygiene, the care of men in groups, proper sanitary field measures, and the application of first aid to drowned or injured persons.

First Year Advanced. 5 credits.

Two hours class-room and three hours practical work each week throughout the year.

SUBJECTS

Infantry Drill: (a) *The Rifle Platoon:* During this year the student is appointed a sergeant or junior officer, and is given further work to develop leadership. He is taught to train a platoon in close and extended order drill.
(b) *Machine Gun Squad and Section:* The course teaches the organization of these units and their evolutions in close and extended order. Emphasis is placed on method to be used in machine-gun training.
(c) *Howitzer-Company Squad:* The student is taught the organization and to drill in the different positions of the members of 37 mm. and 3-inch trench mortar squads.

Combat Principles: (a) *The Rifle Platoon:* This course affords an opportunity to employ the tactical principles taught in preceding years. Instruction is given in commanding a platoon in attack and defense, including the organization of the ground.
(b) *Machine Gun Section:* The course teaches the employment of this unit in attack and defense.
(c) *Howitzer-Company Squad:* The employment of the 37-mm. gun and 3-inch trench mortar in attack and defense is taught in this course.

Weapons: Machine Gun; 37 mm. Gun; 3-inch Trench Mortar: This includes a review of the course in Second Year Basic, and its continuation to include the subject of firing data and control in different classes of fire.

Military Sketching and Map Reading: The instruction given is that necessary to enable the student to read maps with facility, and to make road, outpost and area sketches.

Rifle Marksmanship: This is a review of this subject as taught in the First Year Basic course. Emphasis is put on preliminary exercises and coaching methods, to prepare the student for range practice in camp.

Physical Training: This is a continuation of the course outlined under First Year Basic.

Military Policy and Patriotism: The course is a continuation of the series of lectures of preceding years.

Second Year Advanced. 5 credits.

Two hours class-room and three hours practical work each week throughout the year.

SUBJECTS

Infantry Drill: As a cadet officer the student is required during this year to assist in the instruction of the first three classes in the courses outlined above. He is afforded an opportunity to drill a company in close order, and to instruct and lead a platoon in extended order drill. Men in this class are employed as instructors of machine gun, howitzer and trench mortar squads.

Combat Principles: By practical and theoretical work with small infantry units of underclassmen or in map or sand table problems, the principles of combat are demonstrated and taught in this course. The instruction of underclassmen in minor tactics is required of students in this class.

Military Law: This course embraces the general provisions of the Manual of Courts Martial, including the procedure of courts martial and the duties of members thereof, the means of disciplinary action and their application in a company. Detailed study is made of the Articles of War and their application to the most common offenses.

Military History of the United States: Through a series of lectures, the class is acquainted with the following phases of this subject; the sources of authority for our military establishment, the development of the military resources of the United States, the state of national preparedness for war at critical periods in the past, the cost of wars in relation to unpreparedness, and the need for national organization. The study of several important battles is taken up with some attention to detail.

Administration: A course of study and lectures on the duties of a company commander. The provisions of regulations and orders on the supply, discipline and organization of a company. A survey of the records of the organization and the manner in which they are kept and stored.

Organization: The student is given a general knowledge of the tactical and administrative organization of the Army of the United States. He is taught the relation of the R. O. T. C. thereto, and told of the regulations governing the Officers' Reserve Corps.

Physical Training: This is a continuation of the work of preceding years, with the student acting as instructor.

ORIENTAL SEMINARY

The various courses are adapted to the requirements of four classes of students, namely: (*a*) students of theology wishing to obtain a thorough acquaintance with the sacred tongue and its sister idioms as a means of elucidating Scripture and problems of the comparative history of religion; (*b*) students of linguistics intending to make comparative grammar of the Semitic languages their specialty; (*c*) students of Oriental history and archæology desirous of drawing directly from the original sources: (*d*) persons looking for instruction in the living Oriental languages (as modern Arabic, Turkish, Persian, modern Hebrew, Amharic, Malay, Tagalog, etc.) for practical purposes.

A room has been set apart containing a well-equipped working library for all the branches of Oriental research (including the library of the late Professor A. Dillmann, of Berlin, the Leopold Strouse Semitic Library, a special collection of works on Philippine dialects, etc.), and some advanced students are usually present to help in the preparation for the recitations conducted by the Director of the Seminary, and to furnish any other aid that may be desired. The bulk of the Oriental libraries is kept in a section of the General Library, with a special

entrance opposite the door to the Oriental Seminary. On the same floor are some archæological and antiquarian collections, including the Cohen and the Dennis Collections of Egyptian Antiquities, the Sonneborn Collection of Jewish Ceremonial Objects, collections of Hebrew and other Oriental manuscripts, Babylonian seal-cylinders and clay tablets, etc.

The following courses are offered for the academic year 1924-25:

Oriental History, Archæology, and Literature

1. Biblical Archæology (Palestine, Egypt, Babylonia; with pictorial illustrations). Dr. BLAKE. *Wednesday,* 5 *p. m.*

2. Jewish Life and Ceremonial (illustrated). Dr. ROSENAU. *Monday,* 5 *p. m.*

3. The Literature of the Old Testament (with special reference to date and authorship). Dr. ROSENAU. *Tuesday,* 5 *p. m.*

4. Critical Interpretation of the Book of Daniel on the basis of the Authorized Version. Professor HAUPT. *Tuesday,* 4 *p. m.*

Biblical Philology

5. Elementary Hebrew. Associate Professor EMBER. *Three hours weekly.*

6. Hebrew: Second Year's Course. Associate Professor EMBER. *Two hours weekly.*

7. Comparative Hebrew Grammar. Dr. BLAKE. *Monday,* 3 *p. m.*

8. Prose Composition (Hebrew, Arabic, Assyrian). Professor HAUPT. *Friday,* 4 *p. m.*

9. Old Testament Seminary (Critical Interpretation of the Book of Jeremiah). Professor HAUPT. *Friday,* 2-4 *p. m.*

10. Cursory Reading of the Hebrew Bible. Dr. ROSENAU. *Monday,* 11 *a. m.*

11. Post-Biblical Hebrew (Selections from the Mishnah and the Talmud). Dr. ROSENAU. *Monday,* 10 *a. m.*

12. Hebrew Conversation. Mr. LEVY. *Tuesday,* 8.30 *a. m.*

Aramaic

13. Grammar of the Aramaic Idiom of the Babylonian Talmud. Dr. ROSENAU. *Monday,* 9 *a. m.*

14. Biblical Aramaic Grammar with Interpretation of the Aramaic Portions of the Book of Ezra and Aramaic Papyri. Dr. BLAKE. *Wednesday,* 4 *p. m.*

Syriac and Ethiopic

15. Syriac for Beginners. Dr. BLAKE. *Monday,* 4 *p. m.*

16. Elementary Ethiopic. Dr. BLAKE. *Wednesday,* 3 *p. m.*

Arabic

17. Elementary Arabic. Associate Professor EMBER. *Tuesday,* 11 *a. m.*–1 *p. m.*

18. Interpretation of the *Moallakat.* Associate Professor EMBER. *Wednesday and Friday,* 10 *a. m.*

19. Maimonides' *Guide of the Perplexed.* Associate Professor EMBER. *Friday,* 11 *a. m.*

20. Arabic Prose Composition. Professor HAUPT. [See No. 8.]

21. Arabic Conversation. Mr. LEVY. *Friday,* 12 *m.*

Turkish

22. Turkish Conversation. Mr. LEVY. *Wednesday,* 12 *m.*

Assyriology

23. Cuneiform Historical Texts. Dr. DOUGHERTY. *Thursday,* 4 *p. m.*

24. Contract Tablets. Dr. DOUGHERTY. *Thursday,* 5 *p. m.*

25. Bilingual Hymns and Psalms. Professor HAUPT. *Tuesday,* 2 *p. m.*

26. Assyrian Prose Composition. Professor HAUPT. [See No. 8.]

Egyptology

27. Egyptian for Beginners. Associate Professor EMBER. *Thursday,* 10 *a. m.*–12 *m.*

28. Hieratic Texts. Associate Professor EMBER. *Wednesday,* 9 *a. m.*

29. Pyramid Texts. Associate Professor EMBER. *Wednesday,* 11 *a. m*

30. Elementary Coptic. Associate Professor EMBER. *Thursday,* 12 *m.*

Malayo-Polynesian Philology

31. Tagalog for Beginners. Dr. BLAKE. *Thursday,* 3 *p. m.*

Journal Meeting

32. Journal Meeting. Professor HAUPT. *Tuesday,* 3 *p. m.*

PHILOSOPHY

Students having philosophy for their principal subject may either carry on most of their work within the traditional group of philosophical disciplines, or form new groupings of studies traversing the usual departmental lines. It is considered important by this department that prospective teachers of philosophy should, in any case, have a broad general training either in the humanities or in the natural or social sciences, and should be able definitely and fruitfully to correlate their philosophical studies and teaching with at least one other province of inquiry. Candidates for degrees in philosophy are therefore advised to decide early in their residence in which of the following groups they will chiefly work:

I. General systematic philosophy.
II. Logic and scientific methodology.
III. Ethics.
IV. The history of philosophical systems and of philosophical ideas in literature and in the sciences.

Candidates who elect I will have most of their work for their principal subject in philosophy, while taking the usual two subordinates in other subjects. Those who specialize in II, III or IV may be required to pursue studies in the other philosophical subjects, but may also take an equal amount of suitably correlated work in other departments, which will be credited towards the requirements in the principal subject. Those who elect II, for example, should take courses in psychology, in mathematics, and in at least one of the experimental physical sciences and in its history. Those who specialize in III should do some work in political science and economics; those who specialize in IV should carry on some studies in the history of literature and the history of scientific hypotheses.

GRADUATE COURSES

1. Individual Work.

To be separately arranged for each student. The work will consist of required reading, methodical analysis of problems, the presentation of a connected series of papers, and frequent conferences with the instructor. Professor LOVEJOY.

2. Seminary: The Hypothesis of Representative Ideas.

History of the hypothesis in philosophy and psychology since Descartes, and a systematic examination of the present state of the argument concerning the existence of ideas and their rôle in cognition.

Two hours weekly through the year. Professor LOVEJOY. [Not given in 1923-24.]

3. Schopenhauer and Nietzsche.

Analysis of the doctrines of these philosophers into their component elements, inquiry into the sources of the several elements, critical examination of each doctrine as a whole, and a survey of its historic influence.

Two hours weekly through the year. Professor LOVEJOY.

4. Plotinus and his Influence.

Two hours weekly through the year. Dr. BOAS. [Not given in 1923-24.]

UNDERGRADUATE COURSES

1. History of Philosophy.

(*a*) Ancient and Medieval Philosophy.

Three hours weekly, first half-year. Dr. BOAS.

(*b*) Modern Philosophy.

Three hours weekly, second half-year. Dr. BOAS.

2. Ethics.

Three hours weekly, first half-year. Dr. BOAS.

3. The Problems of Philosophy.

The nature of philosophic inquiry; its relation to the sciences and arts; the principal types of philosophic doctrine as exemplified by contemporary thinkers.

Three hours weekly, second half-year. Dr. BOAS.

4. Theory of Knowledge.

Analysis of the classic theories of knowledge, with especial reference to thinkers since Locke.

Three hours weekly, second half-year. Dr. BOAS.

See also under *Introduction to College Work* (page 280).

PHYSICAL EDUCATION

The Department of Physical Education has under its direction all the activities in Physical Training and Athletics and instruction in Personal Hygiene. The courses and work are arranged to best meet the needs of the students and it is essential that students receive due credit for the same before graduating. The course in Physical Training is required of all undergraduate students during the first two years of residence, unless they elect Military Training.

The authorities of the University, recognizing the importance of adequate supervision of the physical condition and welfare of students, have placed a Doctor of Medicine in charge as Director, and the students are brought under suitable and expert advice.

It is obligatory for each entering undergraduate student to present himself to the Director of this department and undergo a careful physical and medical examination. Unless otherwise advised or incapacitated for any reason, he must take the physical training course during his first two years.

The class in Physical Training is conducted by competent instructors, and the work is done for the most part out of doors, on the campus, During the months of January and February, the course in personal

hygiene is given. The courses are arranged to give a fairly comprehensive training in physical education.

The physical training course itself includes physical exercises, personal hygiene, and athletics, to which are devoted three required periods a week during the academic year. Individuals regularly exercising on official team squads are credited with an equivalent amount of work on account of physical training.

The Gymnasium and Cage, which for so many years were the centre of athletic activities, were burned in 1919, together with other buildings in the old group in the city, and at present there are no permanent structures at Homewood for such use, though temporary provision is made to take care of the work of this department until the permanent Gymnasium group, consisting of a Gymnasium, Natatorium and Cage, is established.

Hopkins Field is the athletic exhibition ground at Homewood and is used for all the scheduled games and for practice. In its construction, attention was paid to the problem of drainage and this has made it an ideal playground. It is enclosed by one of the best quarter-mile cinder tracks in the country and an excellent 220-yard straightaway. Though not permanently established, adequate dressing room facilities are provided with lockers, showers and laboratories. Two stands of ferro-concrete and accommodating about 1500 spectators each have been erected. In addition to these, 5000 seats are provided in temporary or "knock-down" bleachers.

Immediately adjoining Hopkins Field are well-equipped tennis courts. A practice ground is just south of Hopkins Field, where the different sports are engaged in, while other areas are in preparation to provide for the physical activities of the students. Additional tennis courts adjoining the engineering buildings have been provided and these help to supply the recreative needs of the students.

In order to prevent ill-advised participation in outdoor sports and to guard against over-indulgence in training, athletic teams of the University are under the control of the Director; no student is allowed to become a member of a team unless his physical condition is satisfactory and his strength up to the required standard; and no student is allowed to be a member of or a candidate for an athletic team who is seriously deficient in his studies.

Should a student elect Military Science, he is required to follow the work prescribed by the War Department of the United States Government. This does not preclude his taking an active part in athletics, but on the contrary he should supplement his military training by other work in the line of physical training or sports.

Schedule, 1924-25

Physical examinations for members of the football squad previous to October 1. Medical and physical examinations daily at 4 o'clock, fourth

floor, Gilman Hall, October 1 to October 17. Required of all first- and second-year undergraduates and those enlisted in the Military Corps.

Physical Training class on the campus October 20 at 4.10 p. m., continuing every Monday, Wednesday and Friday until December 17, resuming January 4, and continuing until May 1.

Lectures in Hygiene will be given in Gilman Hall in Room 112 at 4.10 p. m. on dates announced for the Physical Training class.

Athletic teams meet according to schedules arranged by the team officials.

PHYSICS

The Physical Laboratory offers facilities in the form of apparatus, libraries, and machine shops to students who wish to pursue experimental investigations in any field of Physics. If the results of these are to be offered as dissertations for the degree of Doctor of Philosophy, the work must be done under the general direction of the Director of the Laboratory, or of one of the other professors. For students carrying on experimental researches the laboratory is open daily, except Saturday, from 9 a. m. until 5 p. m., and on Saturday from 9 a. m. until 1 p. m.

Regular courses of instruction in Physics are given in the form of lectures and laboratory exercises. They may be classed as Advanced and Elementary. The former are designed for graduate students; the latter, primarily, for undergraduates.

ADVANCED COURSES

Seminary and Journal Meetings

All advanced students meet with the instructors twice each week—once in the Physical Seminary, once for the discussion of the current Physical Journals.

During the year 1924-25 the questions to be considered in the Seminary will refer to Atomic Structure.

Lectures

1. General Physics.

Four hours weekly through the year. Professor AMES.

This is a series of lectures in Mathematical Physics continuing for three years and including the subjects of Theoretical Mechanics, Elasticity, Hydrodynamics, Sound, Thermodynamics, Heat Conduction, Electricity and Magnetism and Light. During the year 1924-25, the lectures will be on Thermodynamics and Atomic Structure.

2. Selected Problems in Advanced Physical Optics.

Three hours weekly through the year. Professor WOOD.

The lectures are based upon Wood's "Physical Optics," and, in addition, refer to current work in the laboratory.

3. Electron Theory and Atomic Theories.

One hour weekly, first half-year. Associate Professor PFUND.

Laboratory Courses

Special exercises in Physics in preparation for independent research, under the direction of Professors AMES and WOOD and Associate Professor PFUND.

For students following these courses the laboratory is open daily, except Saturdays, from 9 a. m. to 5 p. m.

ELEMENTARY COURSES

1. Physics I. Elements of Physics.

Four hours weekly through the year. Professor BLISS (first half-year); Associate Professor PFUND (second half-year); and Instructors.

This course in General Physics comprises Mechanics, Heat, Electricity and Magnetism, Sound, and Light. Satisfactory completion of the course in Mathematics 1, or its equivalent, is a pre-requisite to admission.

2. Physics II. Theoretical Mechanics.

Three hours weekly, first half-year. Professor AMES.

3. Physics II. Thermodynamics.

Three hours weekly, second half year. Professor AMES.

4. Physics III. Physical Optics.

Three hours weekly, first half-year. Associate Professor PFUND.

5. Physics III. Electricity and Magnetism.

Three hours weekly, second half-year. Professor BLISS.

These lecture courses will be in the mathematical theory of the subjects named, and a satisfactory completion of the courses in Mathematics 2 and Physics 1 will be assumed.

6. Laboratory Work and Practical Exercises for students in Course 1.

Six hours weekly through the year. Professor BLISS and Instructors.

7. Second- and Third-Year Laboratory Work.

Six hours weekly through the year. Associate Professor PFUND.

The laboratory work in Mechanics includes methods of exact measurement of various mechanical quantities and natural constants.

That in Heat is devoted chiefly to methods of measuring temperatures, including the use of thermocouples, resistance thermometers, and pyrometers, but a few other exercises are included illustrating the accompanying lecture course.

In Optics the students are given a thorough working knowledge of experiments dealing with fundamental principles, as well as of experiments involving the use of modern types of optical instruments, such as the plane and concave grating, interferometers, polarimeters, etc.

In Electricity and Magnetism special attention is given to modern methods and instruments for the accurate measurement of the fundamental quantities.

POLITICAL ECONOMY

GRADUATE COURSES

The graduate instruction in Political Economy is designed primarily to meet the needs of advanced students preparing for a professional career in economic science. The courses afford systematic instruction in general economic principles, intimate acquaintance with special fields of economic activity, and, most important of all, knowledge of and ability to employ sound methods of economic research. The work centres in the Economic Seminary, the membership of which is limited to the most advanced students, and the primary design of which is to develop scientific research in economic study and investigation. Formal graduate instruction is offered in Economic Theory and in Applied Economics by parallel courses of lectures throughout the year. The particular topics treated vary from year to year. In 1923-24 Professor Hollander lectured two hours weekly on the development of economic opinion and two hours weekly on the theory and practice of taxation. Professor Barnett lectured on the history, structure and functions of American trade unions.

The courses offered for 1924-25 are as follows:

1. The Economic Seminary.

Two hours weekly through the year. Professors HOLLANDER and BARNETT.

The work of the year will be the study of representative forms of industrial development in the United States, and the analysis of significant activities of American labor organizations.

2. Development of Economic Theory.

Two hours weekly through the year. Professor HOLLANDER.

During the first half-year, critical attention will be given to the basis of national prosperity and the theory of economic production. During the second half-year study will be made of the economic system of John Stuart Mill.

3. Theory and Practice of Taxation.

Two hours weekly through the year. Professor HOLLANDER.

During the first half-year the history of taxation will be traced. During the second half-year recent fiscal experiments in the United States and in Europe will be examined.

4. Labor Problems.

One hour weekly through the year. Professor BARNETT.

During the first half-year the development of factory legislation will be considered. During the second half-year the various forms of workingmen's insurance will be treated. Special attention will be paid to the statistical aspects of the subject.

5. International Trade and Finance.

Ten lectures in the second half-year. Associate Professor WEYFORTH.

A survey of principles will be made and special attention will be given to developments in the United States since the war.

6. Agricultural History of the Southern States.

Ten lectures in the first half-year. Dr. MITCHELL.

Besides the methods of cultivation of the great staples, and changes in these occasioned by alterations in the price of slaves and by abolition, the lectures will treat of movements toward scientific farming, and of the present status of farm problems.

7. Social Case Work.

Four hours weekly through the year. Miss JACOBS.

This course deals with the fundamental principles underlying social case work; the development of personality through conscious adjustments that will enable the individual and family group to assume social responsibility and live harmoniously in the community; causes of dependency analyzed. The course requires as laboratory work twenty-one hours a week spent in the field with agencies dealing with dependent and delinquent individuals and families. Advanced students meet in conference two hours weekly through the year for the discussion and criticism of the results of investigations.

During the first half-year, Dr. Bolt will lecture two hours weekly on Health and Preventable Disease; Associate Professor Weyforth will lecture two hours weekly on Social Statistics; Mr. Lewis will lecture two hours weekly on Immigrant Peoples; Dr. Dunham will lecture two hours weeky on Delinquency and Probation.

During the second half-year, Dr. Dunham will lecture two hours weekly on Social Medicine; Professor McCollum will lecture two hours weekly for eight weeks, on Home Economics. There will also be courses, two hours weekly, on Community Problems and Organization, and one hour weekly on the Administration, Publicity, and Financing of Social Organizations, the lecturers to be announced hereafter.

Dr. Mitchell will lecture two hours weekly through the year on Social Legislation.

Special courses of lectures will be given by non-resident lecturers upon such practical economic problems as charities and social reforms, railway transportation, industrial organization.

A reading class is organized yearly by the more advanced students of the department for co-operative study of economic texts and for critical discussion of current economic literature.

UNDERGRADUATE COURSES

1. Elements of Economics.

Particular attention is given to the theory of distribution and its application to leading economic problems.

Three hours weekly through the year. Associate Professor WEYFORTH, Dr. MITCHELL, and Mr. GILLIES.

2. Statistical Methods.

After a preliminary study of the value and place of statistics as an instrument of investigation, attention is directed to the chief methods used in statistical inquiry.

Three hours weekly, first half-year. Mr. GILLIES.

3. Money and Banking.

The principles of monetary science are taught with reference to practical conditions in modern systems of currency, banking, and credit.

Three hours weekly, second half-year. Associate Professor WEYFORTH,

4. American Trade Unionism.

The history, structure and functions of American trade unionism are studied.

Three hours weekly, first half-year. Professor BARNETT.
(Course 4 will not be given in 1924-25.)

5. Labor Problems.

The problems growing out of modern industrial employment will be studied.

Three hours weekly, first half-year. Professor BARNETT.

6. Corporation Finance.

The theory and practice of corporation finance are considered, with particular reference to the problems presented in the United States.

Three hours weekly, second half-year. Professor BARNETT.
(Course 6 will not be given in 1924-25.)

7. Investments.

Includes historical and analytical description of the more important forms of investments and theories of valuation and amortization.

Three hours weekly, second half-year. Professor BARNETT.

8. Applied Statistics.

The applications of statistics to business and economic problems, such as price levels, cost of living, wage adjustments, business cycles, and business forecasting, are considered.

Three hours weekly, first half-year. Associate Professor WEYFORTH.
(Course 8 will not be given in 1924-25.)

9. Foreign Trade and Exchange.

The economic principles of international commerce, the methods of conducting foreign trade, and the theory and practice of foreign exchange will be studied.

Three hours weekly, first half-year. Associate Professor WEYFORTH.

10. Business Organization.

This course is designed not only to show the structure of typical business entities, but their methods of formation and expansion. The common forms of securities are examined. Operation and administration of business units and the processes of marketing are studied in detail.

Three hours weekly, second half-year. Mr. GILLIES.

11. Elementary Accounting.

This course deals with the fundamental principles underlying the recording of business transactions in the accounting books and records, and the preparation of balance sheets and statement of profit and loss for single entrepreneurs, partnerships, and corporations.

Four hours weekly, through the year. Dr. NEWLOVE.

12. Economic History.

This course is designed to furnish a background for the study of economic principles and special phases of economic activity. It is a particular purpose of the course to show the relationship between economic fact and economic and political theory and practice.

Three hours weekly, through the year. Dr. MITCHELL.

13. Social Economics.

The history and development of charitable and social agencies are traced. Causes and treatment of cases of dependency and delinquency are discussed.

Two hours weekly, through the year. Miss JACOBS.

14. Corporation Accounting.

This course presents the accounting involved in the organization, operation and liquidation of corporations. The chief topics studied will be: accounting for stocks; reserves; surplus; dividends; sinking funds; combinations and consolidations; consolidated balance sheets.

Four hours weekly, first half-year. Dr. NEWLOVE.

15. Cost Accounting.

The interrelation of the manufacturing accounts will be studied. The methods of controlling the material through the stores cards, the goods in process through the cost sheets, and the finished goods through the stock cards will be explained.

Four hours weekly, second half-year. Dr. NEWLOVE.

POLITICAL SCIENCE

GRADUATE COURSES

The graduate work in political science has for its aim the preparation of advanced students for professional and original work in the fields of constitutional law, international law and diplomacy, and political philosophy. It also seeks to supply the necessary training for those desiring to enter the higher branches of the public service, and to furnish a broad and philosophical equipment to those who expect later to pursue the study and practice of the law.

Seminary

A weekly seminary is conducted, at which reports upon special subjects are read by the students and discussed.

In coöperation with the Department of Philosophy a monthly "Colloquium" will be held, in which recent developments in political theory will be discussed.

Lectures

The lectures are so arranged as to give three or more years of continuous instruction, covering the following subjects: the theory of the state (being a general introduction to the study of constitutional and international law), foreign constitutional law, United States constitutional law, international law and diplomacy, the legal aspects of economic and industrial problems, the history of political theories and of political literature, principles of public administration, and historical jurisprudence.

The courses offered and the years in which they will be given are as follows.

1. Principles of Political Philosophy. Professor WILLOUGHBY.

Two hours weekly, first half-year, 1926-1927.

The nature of political authority will be discussed from the juristic and ethical points of view.

2. The Legal Aspects of Industrial and Commercial Problems. Professor WILLOUGHBY.

Two hours weekly, first half-year, 1925-1926.

The law, common and statutory, relating to such subjects as labor combinations, monopolies, railway regulation, workmen's insurance, employers' liability, factory inspection, minimum wage legislation, will be discussed. Especial consideration will be given to the police power and due process of law, and to other constitutional questions.

3. Comparative Constitutional Law. Professor WILLOUGHBY.

Two hours weekly, second half-year, 1925-1926.

The principles of constitutional government will be discussed, and modern systems of government analyzed and compared.

4. American Constitutional and Political Theories. Professor WILLOUGHBY.

Two hours weekly, second half-year, 1924-1925.

American political literature will be reviewed, and the development of national sovereignty and federal control traced.

5. Jurisprudence. Professor WILLOUGHBY.

Two hours weekly, first half-year, 1924-1925.

The nature of positive law, the processes by which it is developed, and the instrumentalities for its interpretation and enforcement will be examined.

6. Political Philosophy since 1688. Professor WILLOUGHBY.

Two hours weekly, second half-year, 1926-1927.

Political literature and theories implicit in political practice will be discussed.

7. United States Constitutional Law. President GOODNOW.

Two hours weekly, through the year, 1925-26.

The "case system" of instruction will be employed.

8. The Law of Public Administrative Officers. President GOODNOW.

Two hours weekly throughout the year, 1924-1925.

The "case system" of instruction will be employed.

9. Principles of International Law. President GOODNOW.

Two hours weekly, through the year, 1926-1927.

The "case system" of instruction will be employed.

10. Public Financial Administration. Mr. W. F. WILLOUGHBY.

One hour weekly, through the year, 1925-1926.

Modern systems of public financial administration will be considered, comparatively and critically, with especial reference to proper budgetary practice and procedure in the federal and state governments of the American Union.

11. Principles of Public Administration. Mr. W. F. WILLOUGHBY.

One hour weekly, through the year, 1924-25.

An examination will be made of the principles that should govern in the

organization and operation of the administrative branch of governments, with especial reference to the National Government of the United States.

12. The Organization, Procedure, and Work of Congress. Mr. W. F. WILLOUGHBY.

One hour weekly, through the year, 1923-1924.

A detailed and critical discussion of the organization, procedure, and work of the legislative branch of the National Government of the United States. Comparisons will be made of the organization and procedure of the legislatures of the individual states of the Union and of the more important governments of Europe. Attention will also be given to current proceedings of Congress.

UNDERGRADUATE COURSES

1. The Government and Administration of Modern States. Mr. W. F. WILLOUGHBY and Dr. THACH.

Three houre weekly through the year.

This course will deal with the problem of government and the manner in which it has been met by the United States and other leading countries of the world. Especial emphasis will be laid upon the practical operations of government.

2. American Diplomacy. Professor LATANÉ and Dr. THACH.

Three hours weekly, first half-year.

A survey of American foreign policy from the birth of the nation to the present time.

3. Elements of International Law. Professor LATANÉ and Dr. THACH.

Three hours weekly, second half-year.

The attributes of sovereign states, their rights and duties as members of the family of nations, and the adjustment of international controversies will be considered.

4. State and Local Government in the United States. Dr. THACH.

Three hours weekly through the year.

This course includes a study of the nature of the American Union, the relation of the States to the national government and to one another, and the organization of their government and of local subdivisions. Emphasis is laid on current governmental problems.

PSYCHOLOGY

The principal work of graduate students who are candidates for degrees in psychology is research, either in the laboratory or in other places (dispensaries, schools, commercial plants, etc.) where materials for research are available. In research, under the direction of the staff, the student makes a contribution to psychology, while receiving the training which shall fit him for independent work. The psychological seminary is the meeting place for interchange of criticism and for the discussion of vital topics in the psychological field.

A certain number of graduate lecture courses are offered yearly, for

the supplementation of the training of students in the department, for the benefit of students in other departments, and for special students desiring to follow limited lines of work. These courses, which are accessory to the main work of the department, are conducted on the three-year plan. Fundamental training courses are repeated yearly.

Undergraduate courses are offered for general purposes, and for the preparation of students for graduate work. Graduate students whose preparation is inadequate may be required to follow certain of these courses.

GRADUATE COURSES *

11. Advanced general psychology. Professor DUNLAP.

Lectures with assigned readings, with the purpose of orientation in the scientific point of view in psychology.

Two hours weekly through the year. Thursday, 4-6 p. m.

12. Experimental methods in psychology. Mr. ISAACS.

This course is intended for students taking psychology as a subordinate subject, and needing training in the methods and technique of psychological experimentation. It is also advised for those students whose principal subject is psychology, but whose preparation for research is inadequate.

One conference hour and two laboratory periods weekly through the year.

13. Mental measurements. Associate Professor JOHNSON.

An advanced course in methods and technique. Students whose preparation for this course is deemed insufficient may be required to attend the lectures in Course 4 also.

One lecture or conference hour, and two laboratory periods weekly through the year.

14. Commercial and industrial application. Mr. ISAACS.

A study of methods and technique applicable to psychological problems of commerce and industry. A course in mental measurements is an essential prerequisite for this course.

Two hours weekly through the year.

18. The psychology of childhood. Associate Professor JOHNSON.

A study of the activities and development of normal and abnormal children, with a critical evaluation of methods and interpretations.

Two hours weekly through the year. 1925-26.

19. Physiological psychology.

A study of the relation between conscious processes and organic responses.

Two hours weekly, first semester. 1925-26.

21. Experimental psychology: research. Professor DUNLAP and Associate Professor JOHNSON.

Individual research on selected problems. This constitutes the larger part of the work of students whose principal subject is psychology. Other students with adequate preparation may be admitted, but not less than nine hours a week may be elected.

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* Courses not otherwise stated will be given in 1924-25.

27. Seminary in psychology. The department staff.

A topic is selected, and the reports of members of the seminary and the discussions for the year are upon phases of this topic. The topic for 1924-25 will be the history of psychology.

Two hours weekly through the year. Friday, 4-6 p. m.

31. The processes and conditions of learning. Associate Professor JOHNSON.

Lectures and readings on the problems and conditions of the acquisition of habits of perception, thought, emotion and action.

Two hours weekly, through the year. Monday, 4-6 p. m.

34. Feeling and emotion. Professor DUNLAP.

Theories and experimental results in this field will be considered.

Two hours weekly, first semester. 1926-27.

37. Thought processes. Professor DUNLAP.

A study of the various forms of thought, including imagination and reasoning.

Two hours weekly, second semester. 1926-27.

UNDERGRADUATE COURSES

1. Introduction to general psychology. Professor DUNLAP.

A course designed to familiarize the student with the principal phenomena and the typical problems of mental life. The satisfactory completion of this course is prerequisite to admission to any of the other courses in psychology.

Three hours weekly through the year.

2. Laboratory course. Mr. ISAACS.

Practice in the observation of typical phenomena, with training in the methods and technique of psychological research.

One conference hour and two laboratory periods weekly, through the year.

3. Social psychology. Professor DUNLAP.

A survey of the psychological factors involved in social life, and of the psychological methods of modifying social conditions.

Three hours weekly through the year.

4. Mental measurements. Associate Professor JOHNSON.

A study of the development and significance of mental tests, with training in the principles and technique of their application. Full consideration is given to the statistical treatment of test scores, and to graphic and other methods of presentation. Emphasis is placed on the evaluation of tests and methods rather than on the routine of application.

Two lecture and conference hours and four laboratory hours weekly through the year.

ROMANCE LANGUAGES

The Department of Romance Languages, organized by the late Professor A. Marshall Elliott, aims to give advanced instruction in the three principal languages of this group.

In order that the demands of all students may be met, the work of the Department varies from year to year. Particular emphasis is laid upon the study of French. The work of the seminaries in literature and language consists chiefly of original investigations made by the students under the direction of the professor in charge. Supplementary courses are given in historical grammar, in Old French readings, and in various fields of modern literature. The latter are conducted in French and are made up of lectures, assigned readings, and written reports. In addition to the work in French, advanced courses in Spanish, Italian, Old Provençal, and Vulgar Latin are given, and provision is made for any who may desire to specialize in Spanish or Italian. The chief aim of the instruction is to teach students to work for themselves; for those, however, who do not feel sufficiently equipped to enter the seminaries with profit, the undergraduate courses in the College of Arts and Sciences and the College Courses for Teachers are recommended. All instructors and students form pleasant personal relations in the meetings of the Romance Journal Club.

The library facilities of the University, enlarged by the addition of the A. Marshall Elliott Library, and by substantial gifts in the domain of French literature, are supplemented by the numerous Romance works in the Peabody and Enoch Pratt Libraries, and by the readily accessible material in the Library of Congress.

ADVANCED COURSES [1]

Seminaries:

1. Old French Word Studies: The Glosses of Rashi.
   Two hours fortnightly through the year. Associate Professor BLONDHEIM.

2. Problems in Seventeenth Century Tragedy.
   Two hours weekly, through the year. Professor LANCASTER.

3. The Literary Utopias of the Eighteenth Century.
   Two hours weekly, through the year. Professor CHINARD.

4. Old French Historical Grammar.
   Associate Professor BLONDHEIM.

5. Old French Readings.
   Associate Professor BLONDHEIM.

6. †Advanced Old French Readings.
   Associate Professor BLONDHEIM.

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[1] Unless indicated otherwise, courses are given one hour weekly through the year. Courses marked (*) will be given in 1924-25 and not in 1925-26; those marked (†) will be given in 1925-26 and not in 1924-25. Courses not so marked are given annually.

7. History of Old French Literature.
Associate Professor BLONDHEIM.

8. †The Sixteenth Century.
Professor LANCASTER.

9. †The Seventeenth Century. II. (1600-1660).
Professor LANCASTER.

10. *The Seventeenth Century. IV. (1660-1700).
Professor LANCASTER.

11. *Voltaire.
Professor CHINARD.

12. †The French Novel from Rousseau to Chateaubriand
Professor CHINARD.

13. †Balzac.
Professor CHINARD.

14. *Alfred de Vigny.
Professor CHINARD.

15. *The Nineteenth Century Drama.
Professor LANCASTER.

Italian

16. †Dante.
Dr. GRUENBAUM.

17. †Italian Classics I.
Interpretation of selected texts. Dr. GRUENBAUM.

18. *Italian Classics II.
Interpretation of selected texts. Dr. GRUENBAUM.

19. *Italian Historical Grammar.
Dr. GRUENBAUM..

Spanish

20. *Tirso de Molina.
Mr. ROBLES.

21. †La Novela picaresca.
Mr. ROBLES.

22. La Poesía desde 1886.
Mr. ROBLES.

23. †El teatro del siglo XIX.
Mr. ROBLES.

24. *Spanish Historical Grammar.
Dr. GRUENBAUM.

25. *Readings in Old Spanish Literature.
Dr. GRUENBAUM.

Provençal

26. *Old Provençal: Readings and Historical Grammar.
Weekly, second half-year. Associate Professor BLONDHEIM.

Vulgar Latin

27. *Introduction to Vulgar Latin.
Weekly, first half-year. Associate Professor BLONDHEIM.

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28. Romance Journal Club.
Two hours monthly.

UNDERGRADUATE COURSES

French

French Elements.

Grammar, Reading, Composition.
Four hours weekly through the year. Dr. WILLIAMS.

French 1.

Nineteenth Century Prose Writers. Reading and Composition.
Four hours weekly through the year. Professor LANCASTER, Associate Professor BLONDHEIM, Mr. BEALL, and Instructors.

French 2.

French Literature of the last two centuries. A survey course conducted in French. Lectures, readings, reports.
Two hours weekly through the year. Professor CHINARD.
This course is open to students who have completed French 1, or who have offered for matriculation three units of French.

French 3.

French Literature since 1880. A course conducted in French. Lectures, reading, reports.
Three hours weekly through the year. Dr. WILLIAMS.
This course is open to students who have completed French 2, or its equivalent.

French 4.

French Literature from the beginning through the Seventeenth Century. A course conducted in French. Lectures, reading, reports.
Two hours weekly, through the year. Dr. WILLIAMS.
This course is open to students who have completed French 2 or its equivalent.

ITALIAN

Italian Elements.

Phelps, *Italian Grammar;* Wilkins and Altrocchi, *Italian Short Stories;* Collodi, *Le Avventure di Pinocchio;* Bowen, *Italian Reader.*

Four hours weekly through the year. Dr. GRUENBAUM.

Italian 1.

Selections from classical authors. Italian composition. History of Italian literature.

Three hours weekly through the year. Dr. GRUENBAUM.

SPANISH

Spanish Elements.

Grammar, Reading, Composition.

Four hours weekly through the year. Dr. WILLIAMS and Mr. NOBLE.

This course is offered to students in the Department of Engineering as an alternative to French Elements.

Spanish 1.

Modern Authors. Reading and Composition. A course conducted in Spanish.

Four hours weekly through the year. Mr. ROBLES.

Spanish 2.

†Contemporary Novel and Drama. A course conducted in Spanish.

Three hours weekly through the year. Mr. ROBLES.

Spanish 3.

*History of Spanish Literature: The Golden Age.

Three hours weekly through the year. Mr. ROBLES.

SANSKRIT AND COMPARATIVE PHILOLOGY

Courses of instruction, directed by Professor Bloomfield, with the assistance of an Instructor or Fellow in Sanskrit, are provided in the Indo-Iranian languages (Vedic and Classical Sanskrit, Pāli and Prākrit, Avestan and Old Persian); in Comparative Grammar of the Indo-European languages; in historical Ethnology of the Indo-European peoples; and in general Linguistic Science. During recent sessions several courses in Lithuanian, one of the Balto-Slavic languages, were given, and for some years Dr. Edgerton, now Professor of Sanskrit in the University of Pennsylvania, conducted courses in Russian.

These courses aim to meet the wants of those who wish to devote themselves to the study of these branches exclusively and for their own sake, *i. e.,* those who wish to become specialists in Indic Philology, or

Comparative Philology; they also meet the needs of students of languages or humanities in general, who wish to obtain a broader linguistic or historical basis for special studies in other departments of philology.

The advanced work aims to meet the wants of those who wish to make Indic Philology or Comparative Philology their main study. The work centers in the Sanskrit Seminary, and not infrequently involves the use of Hindu manuscripts. The Veda, Classical Sanskrit, and Pāli-Prākrit (the latter in relation particularly to the important religious literatures of the Buddhists and the Jains) are treated successively, so as to furnish a rather intimate acquaintance with the main aspects of Hindu Philology.

A prolonged course in Sanskrit, involving two lectures a week during two years and attendance in the Sanskrit Seminary for a half-year (one hour a week), is planned, so as to furnish a good knowledge of Classical Sanskrit, and to include an introduction to the dialect of the Vedas. This amount of work represents material sufficient for the first subsidiary subject for the degree of Doctor of Philosophy. A course in the same study for one and a half years, involving two hours a week, is the amount required for a second subsidiary subject leading to the same degree. This minimum of Sanskrit affords not only a stable basis for the scientific study of any kind of language, but also for the study of Comparative Literature which is growing more and more dependent upon the ancient treasures of Hindu Literature.

A synopsis of the courses offered during past years may be presented under the following heads:

I. Courses in the general principles of comparative philology or linguistic science, and on special chapters thereof; lectures on ethnology and the history of religions.

II. Courses in the general comparative grammar of the Indo-European languages; comparative grammar of Sanskrit and Avestan; comparative study of Indo-European accentuation; comparative study of Greek, Latin, Sanskrit, and Teutonic, including vocalism, consonantism, noun-formation and inflections.

III. The Vedic, Sanskrit and Prākrit dialects; Rig-Veda; Atharva-Veda; literature of the Brāhmaṇas and Upaniṣads. The law books of Manu and Yājñavalkya; the Dramas Çakuntalā and Mṛchakaṭikā, and introduction into Prākrit; Prākrit prose tales; Pañcatantra, Hitopadeça, Kathāsaritsāgara, Pariçiṣṭaparvan, Pārçvanātha Caritra, and Nala. Sanskrit grammar and prose composition.

IV. The Pāli language and Buddhist literature.

V. The Avestan language and the sacred books of the Avesta.

VI. The Lithuanian language and literature; Russian language and literature.

The following courses, in charge of Professor BLOOMFIELD, will be given during the session of 1924-25:

A. Linguistic Science and Comparative Grammar of the Indo-European Languages.

1. The elements of Linguistic Science, with an account of the Ethnology and Religions of the Indo-European peoples.

Weekly, through the year.

2. Comparative Grammar of the more familiar Indo-European languages (Greek, Latin, Teutonic, and Sanskrit): The form and functions of Noun suffixes.

Weekly, through the year.

3. Advanced course in the Lithuanian Language and Literature.

Weekly, through the year.

B. Indic Philology.

4. Vedic Seminary: The literature of the Atharva-Veda.

Weekly, through the year.

5. The elements of Vedic Philology: Vedic grammar, metres, and interpretation of selected hymns of the Rig-Veda.

Weekly, second half-year.

6. Beginners' course in Sanskrit: Grammar and interpretation of an easy text.

Twice weekly, through the year.

7. Advanced Sanskrit: Critical and comparative studies in the narrative Literature of the Jainas.

Weekly, through the year.

8. Beginners' course in Avestan, the language of the Zoroastrian (Parsī) religion.

Weekly, through the year.

ZOOLOGY, BOTANY, AND PLANT PHYSIOLOGY

The location of the Zoological and Botanical Laboratories at Homewood, in close proximity to woods, ponds, and streams, furnishes excellent facilities for many kinds of biological work. These laboratories are located, for the present, in fairly well-lighted rooms on the lower floors of Gilman Hall, and the Laboratory of Plant Physiology is near by. Rooms and apparatus are available for research in animal and plant morphology and physiology. Unusual apparatus, such as may be necessary for special investigations, is provided as occasion demands. A number of outdoor basins, some with and some without covers, have been provided for the culture of aquatic organisms, while the open ponds of the Homewood grounds are convenient sources of supply. A collection of living plants, in the Conservatory and Botanical Garden and in the adjacent propagating grounds, is available for many lines of study. Carefully "fixed" and preserved alcoholic material of several hundred plant species

is available for histological and developmental work. The herbaria of the Botanical Laboratory include the Schimper collection of European seed-plants, the Field Club collection and the Jones collection of local plants, the Fitzgerald collection of mosses, and smaller collections of fungi, of marine algae, and of New England and Jamaican plants.

It is planned that, before receiving the degree of Doctor of Philosophy in Zoology or Botany, each student shall have the opportunity to study marine and terrestrial life in some tropical region.

The library in the Biological Laboratory is supplemented by the main library of the University and other libraries in the City, including the excellent botanical library of John Donnell Smith, whose courtesy has always made his library and herbarium available for advanced students.

The Laboratory of Plant Physiology, located alongside the Botanical Garden and adjacent to the Conservatory, is well equipped for researches on the more fundamental aspects of the subject. Several electrically heated and controlled ovens or incubators, a battery of small dark chambers furnishing seven different maintained temperatures between any two extremes, an electrically operated clock with devices for time signals and the automatic release of recorders in any room, electrically driven klinostats and rotating tables for equalizing environmental conditions or rendering them symmetrical, a germ-free culture chamber, a physiological and a photographic dark-room, three experiment rooms under glass, together with the usual apparatus employed in physiological experimentation, are available. The outfit is flexible and special arrangements will be made to suit special researches. A small working library is located in the building.

The Adam T. Bruce Fellowship is awarded to men capable of carrying on research in biology.

Three students may be appointed each year to occupy the University tables at the Marine Biological Laboratory at Woods Hole, Mass.

The laboratories are open from 9 a. m. to 5 p. m., and for necessary research in the evenings, but only by special arrangement.

ADVANCED COURSES

The Biological Journal Club.—The graduate students and the instructors in Zoölogy, Botany, and Plant Physiology form the Biological Journal Club, which meets weekly for the discussion of the recent literature in these fields.

Zoölogy

The advanced work in Zoölogy is directed toward the development of investigators, and the student will receive such assistance and training toward that end as his individual needs seem to require. The set courses of the department are perhaps the less important part of that work. The courses in Zoölogy include: (1) Introductory and General Courses; (2) The study of the structure, morphology, classification, and embryology of animals; (3) Study of the activities and functions of the developed

organisms; (4) Study of the production of the structures and functions of organisms, in the history of the individual and in the history of the race. The first two lines of work are provided in the college courses, and in many cases graduate students will find it well to follow certain of these. The third and fourth lines are provided for in the University Courses. Any of the lines of work may lead directly to research, and such research will be carried on under the immediate oversight of the member of the staff in whose special field the problem falls. The later year or years of the candidate for the doctorate should be devoted to investigation, with little interruption by set courses. The student presents before the members of the department at some time during his work a discussion of the subject with which his investigations deal, in the form of a number of lectures.

The advanced courses are elastic, subjects being dealt with that appear especially useful to the students taking part; different students may devote themselves primarily to diverse parts of the subject. In the latter part of each course, as a rule, some special subject or problem will be taken up by each student, leading directly to research.

Seminary. The instructors and graduate students meet once a week for the discussion of some of the fundamental problems of biology. Frequently some book of philosophical trend is read and discussed. In recent years the seminary has taken up Driesch's Science and Philosophy of the Organism; Lloyd Morgan's The Interpretation of Nature; v. Uexkuell's Umwelt und Innenwelt der Tiere; Bergson's Creative Evolution; McDougall's Body and Mind; and Radl's Geschichte der Biologischen Theorien. During the last two or three years the relation of biology to human and social problems has been studied.

General Genetics. Professor JENNINGS.

Three lectures weekly from the beginning of the session to February 1.

The course deals with the problems presented by the passage of generations: life cycles, age, death, and rejuvenescence; sex, its signification and determination; heredity and variation and their relation to different methods of reproduction; environmental action and selection in their relation to evolution. The lectures will be given at 9.30 a. m., Monday, Wednesday, and Friday.

General Physiology of Animals. Professor MAST.

Three lectures or conferences and two laboratory periods weekly through the year.

This course deals with the chemical and physical properties of protoplasm, with the relation between animals and their environment, and with some of the fundamental processes which occur in organisms (metabolism, growth, mechanics of movement).

Animal Behavior. Professor MAST.

Three lectures or conferences and two laboratory periods weekly through the year.

This course, which is really a continuation and a part of the preceding course, deals with responses to stimuli and behavior in animals, both from a purely mechanical and from a comparative physiological and psychological point of view.

These two courses will be given alternately, the course in Animal Behavior falling in the year 1923-24. The work in both courses will be confined largely to the Invertebrates. Plants and the Vertebrates will be considered only in a general way, since they are fully dealt with in the courses offered in Botany, Plant Physiology, Psychology, and Human Physiology. The more advanced students are encouraged to take up problems for original investigation in connection with, or in place of, their regular laboratory work. Under certain conditions the lectures may be taken without laboratory work.

Investigations. Professors JENNINGS, ANDREWS, and MAST, and Associate Professor COWLES.

Hours as required.

Botany

1. Seminary.

The Botanical Seminary meets weekly from November 1 to May 1. Professor JOHNSON.

In recent years the Seminary has discussed the organography of seed plants, plant cytology and the vascular anatomy(development, and relationship of ferns.

2. Lectures and Laboratory Work.

I. Reproduction and Phylogeny in Plants. Professor JOHNSON.

a. *Three lectures weekly through the year.* (Hour to be selected in October.)

b. *Laboratory work associated with the lectures, twice weekly through the year.* (Hours to be arranged for in October.)

c. *Field work—Definite problems assigned for study in the field.* (Field trips on eight or ten Saturdays of autumn and spring.)

This course embraces a general survey of reproductive structures and processes in plants, from the bacteria to the seed plants. It aims to give a broad view of the trend of evolution in the vegetable kingdom and some understanding of the natural relationships of living plants, as indicated by their vegetative and by their reproductive structures. Familiarity is gained with the literature of the subject by the constant use of original descriptions and illustrations, in lecture room and laboratory. The seasonal development of our native plants and the environmental conditions under which they grow are studied in the field, as a means of broadening the knowledge gained by a more intimate study of the fewer types worked out in the laboratory. In alternate years the thallophytes and the vascular plants are discussed in more detail.

II. The Physiological Anatomy of Plants. Professor JOHNSON.

a. *Two lectures or conferences weekly from January to June.*

b. *Laboratory work twice weekly from January to June.* (Hours to be selected in October.)

This is an advanced course for those who have a general knowledge of the organography and anatomy of plants. The work includes at the start a study of the cell,—the cytoplast, the chromatophore, the nucleus and its divisions, the cell wall and other cell products. Later laboratory studies are made by members of the class of the chief types of cell complexes or tissues of the plant, with the modification of these in relation to their function under special conditions in the environment. Haberlandt's Physiological Plant Anatomy and Jeffrey's Anatomy of Woody Plants are made the basis of the work, but, in addition, lectures and demonstrations are given by the instructor and members of the class and frequent use is made of original monographs on plant anatomy.

III. The History of Botany. Professor JOHNSON.

Wednesday and Thursday, 5 p. m., from November 1 to February 1.

The following themes will be discussed in alternate years: The Theory of Sex in Plants; The Cell Theory.

These courses present, in historical sequence, the development of our knowledge of the two aspects of botany mentioned, as an aid to a just appreciation of the problems and significance of modern research in those fields. It serves likewise as an introduction to the sources of the history of botany.

Plant Physiology

The work in Plant Physiology is planned to inculcate productive habits of thinking and of experimental analysis in regard to the various processes of plants and the conditions controlling them. It aims to fit students for purely scientific investigations, practical research, or the teaching of the subject. It is essentially advanced work, but no rigid system of prerequisites in academic courses has been established. Opportunity is furnished for three kinds of work, all of which are essential stages in the development of ability in research, of appreciation of physiological principles and of the application of the latter. (a) A year's course of lectures, conferences and prescribed laboratory experiments, the latter terminating in some practice with simple experimental problems and naturally leading directly to research, is planned to give a somewhat broad and general view of the entire subject of plant physiology as so far developed. (b) The more advanced physiological work embraces original research, with lectures, conferences, and practice in presentation, regarding various particular phases of the subject. The use of the literature rather than of lectures, as a source of knowledge, is encouraged, and instruction is mainly personal. (c) The application of physiological knowledge and methods to the problems of ecology, agriculture, and forestry receives cursory attention throughout all of the work, and is especially emphasized in a short course of lectures and conferences, along with which field and laboratory work may be undertaken. As soon as the student is adequately prepared he is encouraged to take up original research, in either pure or applied physiology, thus fulfilling the dissertation requirement for the doctor's degree.

I. General Review of Plant Physiology. Professor LIVINGSTON and Mr. WILSON.

a. *Three lectures or conferences weekly through the year.*

b. *Six hours of laboratory work weekly through the year.*

Lectures and laboratory work on the chief plant processes. Palladin's Plant Physiology, English edition, is read, together with selected original articles. A good knowledge of physics and chemistry is highly desirable.

II. Problems in Plant Physiology. Professor LIVINGSTON and Mr. WILSON.

a. *Two lectures or conferences weekly through the year.*

b. *Six hours of laboratory work weekly through the year.*

This course is planned to give perspective and to prepare the student for profitable research in either pure or applied physiology. Each student carries

on experimentation and works up the literature of restricted phases of plant activity, reporting on both literature and experiments. A considerable knowledge of the principles and methods of physics and chemistry is prerequisite.

III. Applied Plant Physiology. Professor LIVINGSTON.

a. *Thirty-six lectures or conferences at hours to be arranged.*

b. *Field or laboratory work to be arranged.*

This course is not offered every year, and is not offered in the same year as Course IV. It is planned for those wishing to enter deeply into the field of applied plant physiology, in physiological ecology, agriculture, forestry, etc., and deals with physiological principles and methods for the study of environmental complexes that may occur in nature or in plant culture, and that may condition the activities of plants and plant associations. The effective environmental features of habitats and of climatic, soil, and other geographical areas, together with prominent physiological characteristics of representative plants, are considered, as far as possible, in a quantitative manner. A knowledge of the principles of meteorology and of climatology and some familiarity with plant taxonomy and the methods of agriculture and forestry are desirable. Open to those who have had Course I or its equivalent. Field or laboratory work may be undertaken along suitable lines, as individually arranged.

UNDERGRADUATE COURSES

Biology 1*

Six hours of laboratory work and three lectures or other exercises weekly through the year. Professor ANDREWS, Associate Professor COWLES, and Assistants.

A course open to all students without previous training in science. Advantageous for all students; for those who expect to enter business or to take up the ministry, law, or social service, and for those interested in philosophy, psychology, ethics, or political economy, as well as for those planning to study medicine or to teach. Designed to train faculties of observation, comparison, and judgment by direct experiences with selected animals and plants, supplemented by lectures that point out present interpretations and biological theories.

Part 1. General Biology. [*Till March* 15.]

Study and comparison, with the aid of the microscope, of typical organisms from the simpler, as Amoeba and Yeast, to the more complex, as the Sweet Pea and the Frog.

Part 2. Embryology. [*After March* 15.]

Direct observation of phenomena of the living frog egg, the formation and transformation of the tadpole; followed by study of the hen's egg, its origin and mode of developing into the chick.

Biology 2

Six hours of laboratory work and three lectures or other exercises weekly, through the year. Associate Professor COWLES.

This course continues the training of Biology 1 in limited fields and is recommended to those who expect to study medicine or to specialize in any department of Biology.

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* This course fulfills the minimum requirement in Biology for entrance into the Medical School and the School of Hygiene and Public Health.

a. Comparative Anatomy of Vertebrates. [*Till March* 15.]

The student dissects the skate, codfish head, necturus, turtle, pigeon, sheep's brain and a small mammal. The lectures emphasize the principles of animal morphology. One hour per week will be devoted to a study of human osteology.

b. Mammalian Embryology. [*After March* 15.]

This part of the course will be devoted to the preparation and study of slides, of the twelve mm. pig embryo, and to a study of the relation of the fetal membranes to the mother.

Biology 3

Six hours of laboratory work and three lectures or other exercises weekly through the year.

This course is intended both as a cultural course and for those who expect to specialize in some branch of Biology, in teaching or research, in medicine, in forestry, or in agriculture. It may be all Zoology, all Botany, or a combination of the two.

a. Zoölogy.

A comparative study of non-vertebrate animals: laboratory and field work.

b. Botany. (*Half-year Course.*)

The structure, development and function of root, stem, leaf and flower. Professor JOHNSON.

c. Botany. (*Whole-year Course.*)

An introduction to botany as a science and to its relations to agriculture, commerce, and the industries. Professor JOHNSON.

Properly prepared students may arrange to devote part of the year to work in plant physiology with Professor LIVINGSTON.

This course will include laboratory and field work, with lectures and reading, upon the structures and uses of the vegetative organs; upon reproductive structures and processes in the vegetable kingdom, with the evolution and classification of plants, including field practice in the recognition of native plants; and upon the distribution of plants as determined by climate and topography. It may also consider the economic plants producing foods, drugs, lumber, clothing, paper, rubber, etc. It gives training in accurate observation and correct interpretation.

This course serves as a preparation for further special work in botany, plant physiology, forestry, zoology, or paleontology. It also adds interest to travel and helps to an understanding and appreciation of the world about us.

The removal to Homewood has made possible the adequate employment of the Botanical Garden, the greenhouses, and the native forest in the work of this course.

d. Bacteriology.

Six hours of laboratory work and three lectures weekly for first or second half-year. Hours determined in October.

The student learns the methods of handling, cultivating, and studying non-pathogenic bacteria. The practical work gives valuable training in careful laboratory methods. The lectures treat of bacteria from a biological point of view, as very important agents in the processes of nature, especially in relation to other organisms, such as those occurring in the animal or plant body or in the soil, to problems of hygiene and sanitation and to the preparation and preservation of foods.

Biology 4

Six hours of laboratory work and three lectures or other work weekly through the year. Professor MAST.

General Physiology, including Animal Behavior.

This is an advanced course extending through two years. It is designed primarily as an introduction to research and should be elected only by those desiring intensive work. It deals with fundamental physiological processes in animals.

First year. The physical and chemical properties of protoplasm; metabolism and growth.

Second year. Reactions and behavior.

Prerequisites: Biology 1 and some knowledge of physics and chemistry.

The work in either year may be taken without that in the other.

INTRODUCTION TO COLLEGE WORK

The purposes of the course are to afford practical training in reasoning and in the analysis of problems of various types, to introduce the student to the general principles, methods, and aims of scientific inquiry, and thereby to prepare him for more effective work in the specialized courses which he will subsequently take. Lectures in the course will be given by representatives of several departments of instruction.

Methods of study; note-taking and *précis*-writing; the psychology of judgment and belief; the art of consistency and of proof from conceded premises; the observation of physical facts; the principles of inductive inference; elementary statistical methods; meaning and measurement of probability; methods of establishing facts concerning past events; the several types of sciences and their problems; how a great scientific theory is built up; the ideals and aims of science and its relation to the life of the individual and of society.

Three hours weekly through the year. Dr. BOAS.

ADVANCED DEGREES

Doctor of Philosophy

The degree of Doctor of Philosophy is offered to students who, after obtaining the baccalaureate degree from a college of good standing, have followed courses of university study under proper guidance and without serious distractions for at least three years, and have satisfied the requirements mentioned below.

The Board of University Studies reserves the right to decide in each case whether the preliminary training has been satisfactory, and which, if any, years of graduate work not spent in this University are to be considered as spent in accordance with these regulations. A candidate desiring credit for residence elsewhere must submit certified statements with his application for the degree.

At least one academic year must be passed in this University, and, except in extraordinary cases, the one preceding the final examinations.

Principal and Subordinate Subjects

To become a candidate for the degree the student must select a subject on which he intends to concentrate his efforts and must place himself under the guidance of the professor of this subject. This is called his "principal" study. With the advice of the professor and subject to the approval of the Board of University Studies, the student must choose two other studies, known as "subordinate" subjects, which he must follow. These are called the "first subordinate" and the "second subordinate," and the two should represent one year's work, two-thirds of this being devoted to the former.

Acceptance of the Candidate

A student who wishes to be considered a candidate for the degree must make written application to the Board of University Studies, upon a form provided for this purpose, at least one academic year [1] before he expects to present himself for his final examinations.[2] Before this application can be considered he must satisfy the University examiners that he is able to translate at sight French and German journals and monographs relating to his principal subject.

Requirements for the Degree

Certain requirements, as outlined above, must be met by a candidate in order to obtain the degree; but the distinctive requirement is the presenta-

[1] Applications made by students at the beginning of their final year must be in the hands of the Registrar by October 20.

[2] A student who has been accepted as a candidate for the degree of Doctor of Philosophy will be considered to have satisfied the requirements for acceptance as a candidate for the degree of Master of Arts.

tion of evidence that the candidate has carried to successful completion an original investigation in his principal subject upon a theme approved by his chief professor. The results of this investigation must be embodied in a dissertation, and submitted to the Board of University Studies.

Regulations Concerning the Dissertation

a. The dissertation, to which shall be appended a brief biographical sketch of the author, must be prepared for presentation to the Board of University Studies in accordance with instructions to be obtained from the Registrar. It must be submitted to the appointed examiners four weeks before the candidate presents himself for the oral examination, unless the examiners give him permission to submit it at a later date. In any case, it must be deposited in the prescribed bound form, in the Registrar's office by the examiners, with their written report, at least one week before the date of the oral examination.

b. The Board shall designate two or more examiners, who shall make a written report on the dissertation.

Regulations Concerning the Examinations

a. The candidate shall be subjected to written examinations in his principal subject,[3] and, whenever practicable, in both his subordinate subjects. The results of the examinations shall be reported in writing to the Board of University Studies; and, if these reports and the reports on the dissertation are satisfactory, the candidate shall be admitted to an oral examination in the principal and first subordinate subjects before the Board or a section of it.

b. The written examinations in the subordinate subjects may be taken at any time during the candidate's residence at the University, subject to the judgment of the examiners.

c. In the written examinations no session shall exceed five hours. In the oral examinations before the Board the time allotted shall be one hour, and three-quarters of this shall be devoted to the principal subject.

Other Regulations

Before the candidate is admitted to the oral examination he must signify his intention, in the event of his receiving the degree, to print his dissertation in full or in part, and to satisfy the requirements specified below.

If the dissertation is not printed in full, an abstract must be prepared or a portion selected, with the approval of the professor, which shall contain when printed not less than twenty-four octavo pages.

One hundred and fifty printed copies of the dissertation must be presented to the University within one year from the time when the degree

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[3] If a student who has absolved the examinations required for the degree of Master of Arts in this University becomes a candidate for the degree of Doctor of Philosophy, he may, at the discretion of the professors, be excused from any further written examinations in the particular courses in which he has already passed.

is conferred. These must have the prescribed title-page and must contain the biographical sketch.

The candidate is advised to have these printed copies ready for presentation before the date for the conferring of the degree; otherwise a deposit of $50.00 with the Treasurer of the University must be made. This deposit is returned when the printed copies are presented to the University. If these have not been received within the year specified, the Board of University Studies may declare the deposit forfeited and may apply the amount to printing the dissertation or a part of it.

Conferring of the Degree

The names of the candidates found worthy of the degree will be submitted to the Board of Trustees, and with their approbation the degree will be publicly conferred.[1]

Choice of Subordinate Subjects

The following suggestions are not to be understood as limiting the attention of the student to the subjects directly connected with the requirements for the degree. In order to secure the full benefit of university training, it is often desirable to broaden the outlook through acquaintance with other subjects—especially those that are conterminous with the chosen field of study. It is also important to learn to appreciate the methods and to come under the influence of other personalities than those that dominate the student's special line of work.

In the choice of subordinate subjects to be associated with a principal one, considerable freedom is permitted by the Board of University Studies. Certain combinations have been recognized officially in previous years, and others are admissible.

In the study of any principal subject the knowledge of a limited number of other subjects is, as a rule, essential. If, on entrance, the student is not sufficiently proficient in these, he must follow courses in this University which will give him the requisite knowledge. These courses need not, however, of necessity be offered as first and second subordinates.

In order to guide the student in his selection of subordinate studies, a number of statements are given below in tabular form, which apply to the various departments of study in this University. These statements furnish—

I. In case the student selects a given subject as his principal one—

a. A list of the other subjects an adequate knowledge of which is considered essential.

b. A list of subjects which in the past have been accepted as first or second subordinates in connection with the principal subject.

II. In case the student selects a given subject as his subordinate one—

A list of the courses in that department, which are ordinarily considered sufficient.

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[1] Tuition fees equivalent to the charges for three full years must have been paid by the candidate before the degree is conferred.

Botany

I. *a.* Physics, Chemistry, General Biology, Zoology.

b. Zoology, Physical or Organic Chemistry, Geology, Physiology, Pathology, Plant Physiology.

II. An undergraduate course, with laboratory work; one of the graduate courses.

Chemistry

I. *a.* Mathematics (through the Calculus), General Physics, Mineralogy, Physical Chemistry, Applied Electricity.

b. Mathematics, Physics, Mineralogy, Geology, Physical Chemistry, Biology 1, Applied Electricity, Bacteriology.

II. Chemistry II or III, Physical Chemistry, with corresponding laboratory courses.

Classical Archæology

I. *a.* Latin and Greek.

b. Latin, Greek, History, Sanskrit and Comparative Philology, Italian or another Romance Language.

II. Five hours weekly for two years for the first subordinate; five hours weekly for one year for the second. Prescribed course of reading.

Those who make Classical Archæology a principal subject are urged to plan for at least one year of residence in Europe, preferably in the American School of Classical Studies at Athens or in the American School of Classical Studies in Rome. For advanced students of Roman Archæology, a reading knowledge of Italian is indispensable.

Education

I. *a.* The subjects of which an adequate knowledge is considered essential depend chiefly upon the major field in education in which the candidate plans to concentrate his work.

Satisfactory undergraduate instruction in the History of Education, Educational Psychology, and either Elementary Education or Secondary Education, is prerequisite for admission to advanced work.

b. The choice of first and second subordinate subjects is made in accordance with the interests and purposes of the student.

II. Two graduate courses for two years, with prescribed reading, for the first subordinate; two graduate courses, for one year, with prescribed reading, for the second subordinate.

Suggested programs are stated in the paragraph on sequence of courses to be found in the departmental announcement.

English

I. *a.* Gothic, Old High German, Middle High German, Old Norse, Old French, German and French Literature.

b. German, French, Italian, Spanish, Greek, Latin, Sanskrit, History, Philosophy.

II. Courses in the history of the Language and the Literature, and some special work in selected periods or subjects.

French, Spanish, or Italian.

I. *a.* Two Romance Languages in addition to French; Latin, German, English; if practicable, Greek.

b. Other Romance Languages; Sanskrit, Greek, Latin, German, English, History.

II. First subordinate: Courses in the history of the Language and the Literature. Second subordinate: Courses in the history of the Literature, or of the Language and the Literature.

Geology

I. *a.* Students who take Geology as their principal subject are allowed to select courses suitable as a training for general geology and teaching, or those which lead to specialization in Paleontology, Stratigraphic Geology, Petrography, Mineralogy, or Geological Physics. All students are expected to be familiar with the matter given in the elementary or undergraduate courses.

b. (1) Biology, (2) Chemistry, (3) Physics, (4) Petrography, (5) Mineralogy, (6) Paleontology.

Nos. 1–3 may be taken as second subordinates by all students in Geology.
Nos. 4–5 may be taken as a first subordinate by students specializing in Paleontology or Stratigraphic Geology, who are advised to take Biology or Physics as a second subordinate.
No. 6 may be taken as a first subordinate by students specializing in Petrography or Mineralogy, who are advised to take Chemistry or Physics as a second subordinate.

II. For students in Physics: Geological Physics, Exploratory Surveying, Crystallography—Optical Mineralogy (Geology 1 in part, Advanced Mineralogy in part).

For students in Chemistry: Geology 3 and Economic Geology, Geology 1, Advanced Mineralogy.

For students in Biology: Geology 1 or 2, Paleontology and Paleobotany, Historical Geology.

Germanic Philology; German Language and Literature

I. *a.* One or more of the languages of the earlier Indo-European Group (Latin, Greek, Sanskrit), English (Philology and Literature), French Literature, Germanic Philology (in combination with German Literature as major subject), German Literature (in combination with Germanic Philology as major subject).

b. English, French, Latin, Greek, Sanskrit, Spanish, History of Philosophy, German Philosophy, German History.

II. German as first subordinate—Courses in German Literature and Germanic Philology, two years' membership in the Germanic Society.

German as second subordinate—Courses in German Literature and in the History of the German Language, or (for students of Linguistics) courses in Germanic Philology, with some attention to special periods of German Literature; one year's membership in the Germanic Society.

Greek

I. *a.* Latin and English (language and literature).

b. Latin, Classical Archæology, Sanskrit and Comparative Grammar, English, German, a Romance language, a Semitic language, Philosophy, History.

II. Attendance on the Seminary and other courses five hours weekly for two years for the first subordinate, one year for the second subordinate. Prescribed courses of reading.

History

I. *a.* Political Economy, Political Science, Latin, French, German.

b. Political Economy, Political Science, Philosophy, English, French.

II. For the second subordinate, lectures, with collateral research, two hours a week for two years, either in European, English, or American history; for first subordinate, four hours a week for two years, with choice in the same subjects.

Latin

I. *a.* Greek and English (language and literature).

b. Greek, Sanskrit and Comparative Philology, Classical Archæology (Greek and Roman), English, a Romance language, a Semitic language, History.

II. Attendance on the Seminary and at least three lectures a week during two years for the first subordinate subject, one year for the second—in both cases with prescribed courses of reading in Roman literature.

Those who make Latin their principal subject must take Greek as one of their subordinate subjects. For the requirements in Greek as a subordinate subject see under Greek. They must also follow at least one regular course in Latin Epigraphy and Palæography, as well as in the Comparative Grammar of the Indo-European languages.

Mathematics

I. *a.* While no other subject can be said to be essential to the study of mathematics, it is very desirable that one taking up graduate work should have adequate knowledge of natural sciences, particularly of physics.

b. Physics, Geological Physics, Applied Electricity, Astronomy, History of Philosophy, Psychology, Applied Mathematics.

II. Two or more of the following: Elementary Differential Equations, Theory of Functions, Vector Analysis, Dynamics.

Oriental Seminary

I. *a.* For Hebrew as the principal subject—German, Greek, Latin, Arabic, History of the Ancient East, Biblical Antiquities, Geography of Western Asia.

b. Assyrian, Arabic, Syriac, or Ethiopic, as the first or second subordinate subject; Egyptology, History of the Ancient East, History

of Philosophy, Greek, Sanskrit, Philippine languages, as the second subordinate.

II. For Hebrew as first subordinate—Comparative Hebrew Grammar, Hebrew Prose Composition, Old Testament Seminary.

For Hebrew as second subordinate—the second year's course in Hebrew and private reading of at least fifty chapters of the Hebrew Bible.

Philosophy

The choice of subordinate subjects depends upon the character of the direction the student elects to give to his work in Philosophy. Suggestions of suitable minors, to be correlated with different types of philosophical study, are given in the announcement of the department.

Physics

I. *a.* Chemistry and Mathematics.

b. Chemistry, Physical Chemistry, Mathematics, Astronomy, Applied Electricity, Geological Physics.

II. Physics 1, 2, or 3, with corresponding laboratory courses, Advanced General Physics, Applied Electricity.

Physiology (*Animal and Human*)

I. *a.* Physics, Chemistry, and Biology.

b. Zoology, Botany, Physics, Chemistry, Physiological Chemistry.

Plant Physiology

I. *a.* Physics, Chemistry, Botany, Zoology, Animal Physiology, Climatology.

b. Chemistry, Climatology, Physics, Botany, Geology.

II. For the first subordinate, courses I and III, I and IV, or course II; for the second subordinate, course I.

Political Economy

I. *a.* History and Political Science.

b. History, Political Science, Philosophy, English, Mathematics, Biology.

II. For the first subordinate, two graduate courses for two years, with prescribed reading; for the second, two graduate courses for one year, with prescribed reading.

Political Science

I. *a.* History, Political Economy, and the Principles of Private Law.

b. History, Political Economy, Philosophy, the Principles of Private Law.

II. Two hours' lecture work, with collateral reading, for two years, for the second subordinate; four hours' work for two years for the first subordinate.

Psychology

I. *a.* Two at least of the following, according to the specific line of

psychological work undertaken: Physics, Biology, Anatomy, Physiology, Pharmacology, Philosophy, Art, Philology, Psychiatry, Economics.

b. Psychiatry, Physics, Anatomy, Biology, Philosophy, Education, Neurology as taught in the department of Psychiatry.

II. The selection of work for subordinates is dependent upon the nature of the student's major work.

Sanskrit and Comparative Philology

I. *a*. Classical or Modern Philology, History, Philosophy.

b. Greek, Latin, Germanic Philology, English, Semitic Philology, Philosophy.

II. For the first subordinate subject, a course in Sanskrit, two lectures a week during two years, and attendance on the Vedic Seminary for a half-year, one hour a week; for the second subordinate subject, a course in Sanskrit, two hours a week during a year and a half.

In no case has a student whose principal subject was Sanskrit and Comparative Philology restricted himself to two subordinate subjects. As a rule, Avestan, Lithuanian, Gothic, English, and other subjects figured among his courses, in addition to the principal and the two subordinate subjects.

Zoology

I. *a*. Two or more of the following: Chemistry, Physics, Botany, Geology, Physiology, Psychology.

b. Botany, Plant Physiology, Animal Physiology, Geology, Anattomy, Pathology, Psychology, Physical Chemistry, Bacteriology, Medical Zoology.

II. Biology 1, Biology 2, Biology 3, a graduate course.

Master of Arts

The degree of Master of Arts is offered to students who have obtained the baccalaureate degree from a college of good standing, have then followed courses of university study under proper guidance for at least two years,[1] and have satisfied the requirements mentioned below.

The Board of University Studies reserves the right to decide in each case whether the preliminary training has been satisfactory, and, if part of the time devoted to graduate work has been passed by the candidate away from the University, whether this time may be considered as spent in accordance with these regulations. A candidate desiring credit for residence elsewhere must submit certified statements with his application for the degree.

The student must be in attendance at the University during the year immediately preceding the final examinations, unless, for some extraordinary reason, special permission to the contrary is granted by the Board of University Studies.

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[1] Persons engaged in other pursuits, who are able to give only a portion of their time to study, may, by special permission obtained from the Board of University Studies, be allowed to distribute the work of these two years through several years.

The program of the "Summer Courses" includes courses in certain subjects, which, provided they are approved by the Board of University Studies, will be accepted in partial fulfilment of the requirements for this degree, in accordance with the following provision: The residence requirement for this degree may be satisfied by attendance and study during not less than three sessions of the summer courses and one year of resident study during the regular session, provided that at least two calendar years shall have elapsed since the conferring of the Bachelor's degree.

To be admitted as a candidate for this degree, the student must make application,[2] according to a prescribed form, to the Board of University Studies at least one academic year [3] before he expects to present himself for his final examinations. The required work may be limited to one subject only, or it may embrace a principal subject and one or two allied subjects. The professor in charge of the principal subject must be consulted in the selection of the allied subjects.

In order to obtain the degree the candidate must satisfy two requirements:

He must prepare a satisfactory essay, and must pass examinations in his principal subject. The essay must be upon a subject approved by the professor in charge of the principal subject, and must be completed and submitted to the Board of University Studies at least four weeks before the time of the final examinations. Two referees will then be appointed to examine the essay and to present a written report on it to the Board. This essay shall be prepared for presentation to the Board in the manner prescribed for the dissertation submitted for the degree of Doctor of Philosophy.

If the report on the essay is satisfactory, the candidate will then be admitted to the examination. However, on the subjects followed during any academic year the candidate is permitted to take examinations at the end of that year or at the beginning of the next, and, provided these examinations are satisfactory, he will not be examined again in the same courses. Reports of these examinations will be made to the Registrar.

The candidates found worthy of the degree will be reported to the Board of Trustees, and with their approbation the degree will be publicly conferred.[4]

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[2] A student who has been accepted as a candidate for the degree of Doctor of Philosophy, will be considered to have satisfied the requirements for acceptance as a candidate for the degree of Master of Arts.

[3] Applications made by students at the beginning of their final year must be in the hands of the Registrar by October 20.

[4] Tuition fees equivalent to the charges for two full years must have been paid by the candidate before the degree is conferred.

THE COLLEGE OF ARTS AND SCIENCES

The Johns Hopkins University makes ample provision for collegiate instruction. The courses offered to undergraduates are organized with no less care and thoroughness than those intended for advanced students; many of the most experienced members of the University staff coöperate in the conduct of them. No small part of the influence and usefulness of the University has been in connection with the collegiate department, the growth of which has been greatly stimulated by the removal to Homewood. Through the efforts of the Alumni a handsome dormitory has been erected and was ready for occupancy in October, 1923.

Certain features of organization and administration have contributed to the effectiveness of the undergraduate work. The scrupulous observance of the distinction between the disciplinary methods appropriate to college teaching and the freer methods of advanced instruction; the arrangement of studies in certain combinations, which permit, under due regulation, a wide liberty of choice; the facilities afforded young men of superior capacity for carrying their studies beyond the requirements of graduation; the influence upon younger students of the presence of a large body of graduate scholars conducting investigations in all the great departments of learning,—these conditions have proved favorable to the development of earnestness and scholarly devotion.

Committees

All matters referring to the courses of undergraduate instruction are under the control of the Board of Collegiate Studies, consisting of the President of the University and of representatives from each of the chief departments of undergraduate study. This Board appoints the following standing committees:

1. The Committee on Academic Rules and Regulations, in charge of all questions of general administration.
2. The Committee on Admission and Advanced Standing.
3. The Committee on Scholarships and Honors.
4. The Committee on Student Affairs.
5. The Committee on the Curriculum.
6. The Committee on Summer Courses and College Courses for Teachers.

The Dean of the College Faculty is *ex officio* a member of each of these committees.

Advisers

Each student upon entrance will be assigned to an "Adviser," under whose direction he will select his studies for the first year.

Immediately after Easter, having selected some definite subject as his

"major," [1] he must report that major to the Registrar. He will then be assigned to an "Adviser" giving instruction in his major subject.

Each Adviser endeavors to establish relations of friendliness and confidence with the students assigned to his care. He not only gives counsel in regard to the selection of studies, but promotes the welfare of his students in every practicable way.

During the month of May in each year all students must consult their Advisers with regard to the courses to be taken in the following academic year, and they must also report to them on the enrollment days, after which the Advisers will send to the Registrar the courses assigned. Students who fail to attend courses selected, or who drop courses without the written consent of their Advisers and the approval of the Dean, will be recorded as having failed in those courses.

Each student must call at the Registrar's office not later than October 15 and enter his schedule of hours upon his enrollment card. Failure to do this will entail a fine of five dollars.

Requisites for the Degree of Bachelor of Arts

As evidence that the collegiate course has been successfully completed, the degree of Bachelor of Arts is conferred at its close. The degree signifies in the case of every recipient such instruction in language, in mathematics, in the physical and natural sciences, in literature, philosophy, and history, as is believed to be essential to a liberal education.

The courses of study [2] are selected (as already stated) under the guidance of Advisers; and, expressed in mathematical language, 125 points [3] are required for graduation. At the end of his first year of residence, each student selects some subject, called his major, which he wishes to study with special attention during his remaining years of residence; and during these years he must follow at least three courses in this subject and at least two in some cognate subject approved by his Adviser.

All candidates for a degree must take courses in the following subjects:

English Composition.

English Literature.

One of these: Latin, Greek, Mathematics, Physics, Chemistry, Biology.

One laboratory course, unless chosen as above.

One of these: History, Political Economy, Philosophy.

Two courses in Modern Language (only one of which may be elementary).

Military Science or Physical Training.

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[1] For the definition of a "major" see below.

[2] Certain illustrative combinations are printed in the special catalogue of the College of Arts and Sciences.

[3] For the definition of a "point" see p. 293.

The remaining courses necessary to complete the number of required points are chosen by the student, subject to the regulations of the Board of Collegiate Studies and to the approval of the Adviser.

No student may take a course not listed in the Catalogue of the College of Arts and Sciences, without the written consent of the Dean.

In the first year of residence students must take the following courses:

a. English Composition.
b. French, German, or Spanish.
c. Latin, Greek, or Mathematics.
d. History 1, History 2, Biology, Introduction to College Work.
e. Military Science or Physical Training.

A student may be admitted to advanced standing, in accordance with the regulations given on page 296, but in all cases the candidate must pursue the last year of his undergraduate course in this institution. In general, four years of residence are necessary for the completion of the courses required for a degree. A capable student may, however, complete this work in three years (see College catalogue).

Admission to Graduate Courses

A student whose work has been of high standing, and whose request for the privilege is approved by a committee to be appointed by the President, may, if he has complied with the specific requirements for the degree of Bachelor of Arts other than the number of points and the completion of a major, spend his final year in such graduate work as the committee and the head of the graduate department concerned shall approve. At the close of this year and after passing a comprehensive examination before a committee of the department or departments in which his work has been done, he shall receive the degree of Bachelor of Arts.

Admission to the Department of Medicine

Students who intend to enter the medical department of this University should arrange their work so as to include the following courses: Mathematics and Physics, each for one year; French and German for at least one year beyond the elementary courses; English and Biology, each for two years; Chemistry for three years; and one of the following—History, Political Economy, Philosophy. These students are advised by the Medical Faculty to include courses in Biology and the Chemistry of the Compounds of Carbon in their last year. Their attention is called especcially to the desirability of completing their undergraduate work in three years, and accordingly to the conditions under which this can be done. (See College catalogue.)

Latin is no longer required for admission to the College of Arts and Sciences, but is a prerequisite for admission to the Medical Department. Students wishing to study medicine should therefore secure at least two years of Latin before entering the University.

By a special arrangement with the Medical Faculty, students who have completed in this University three years of work preliminary to medicine and have maintained a high standing, and who have to their credit 110 points toward graduation, may be admitted to the Medical School, and will receive the degree of Bachelor of Arts when they have satisfactorily completed one year of work therein.

Special Course Preparatory to the School of Hygiene

The School of Hygiene admits students as candidates for the degree of Bachelor of Science in Hygiene who present a certificate of the completion of at least two years of work in an approved college, and who have had adequate courses in biology, physics, and chemistry, including organic chemistry. To satisfy these conditions, the College of Arts and Sciences offers the following course:

First Year	*Second Year*
English Composition 1	Chemistry 3
Mathematics 1	Physics 1
Biology 1	Two of these:
Chemistry 1	English Literature
Military Science *or* Physical Training	French, German, *or* Spanish
Surveying	Mathematics 2
	Drawing
	Military Science *or* Physical Training

Upon completion of this preparatory course students will be matriculated in the School of Hygiene and will pursue the studies prescribed therein for the last two years of the course.

General Regulations

Courses. The standard course of study in the undergraduate classes of the University consists of three meetings, of one hour each, weekly through the year.

Certain courses in mathematics are accompanied by conferences, the time allotted to which is two hours per week. Courses in the sciences are accompanied by laboratory instruction, to which, in general, six hours per week are allotted.

In stating the requirements for the bachelor's degree, use was made of the expression "points." The basis of calculation is as follows:

a. Each three-hour course counts six points; each four-hour course, eight; etc.
b. Each hour of conference in mathematics counts one.
c. Each hour and a half of laboratory instruction counts one.
d. Public Speaking counts two.

e. Lectures and recitations in the course in military science count as described on page 247.

f. Additional credit of one point is given to a student who takes three courses in (a) any one of the foreign languages; (b) English Literature; (c) History; (d) Political Economy.

Examinations. Examinations of all classes are held about the first of February and at the close of the academic year. These examinations are based upon the work of the preceding term, and the time allotted is as follows: in a three- or four-hour course three hours; in a one- or two-hour course two hours. Laboratory examinations may be conducted during the last laboratory period of each term.

Additional tests may be given only if unannounced and held in place of the usual recitation.

Reports. Each instructor files with the Registrar at the close of each examination period official reports of the standing of his students. These reports are based upon both the regular exercises and the examinations, and are made in terms of the prescribed system of marks. The average of the two marks is the record of the student for the year.

Informal reports of standing are made to the Registrar about December 1 and March 25.

Marks. The scale of marks for official reports is 10, 9.5, 9, etc. The highest mark is 10, which signifies "excellence," and a mark less than 6 denotes "failure."

In case of absence from examination for any cause the mark "a" is recorded, and the student must report to the Dean immediately upon his return; if his excuse is accepted, he will receive a permit for an examination, which shall be presented to the instructor. A fee of five dollars must be paid by the student for the deferred examination. In case of absence from several examinations, due to the same cause, this fee will cover all the deferred examinations.

A student who receives a mark of 5 or less in a course during any term will be dropped from that course, and he must repeat the work of that term in order to receive credit. One who receives a mark of 5.5 may be permitted to remain in the course, but must absolve the condition in any way the instructor may elect. Unless he is required to repeat the course, the condition must be removed before October 1 in the succeeding session. Removal of a condition does not alter a student's original mark. For a re-examination the fee of five dollars must be paid after permission has been secured from the Registrar's office.

If for any reason a student does not repeat or otherwise absolve a course in which he has failed he may, with the consent of his adviser, substitute another course of equal value. But in every such case he will be required, as a penalty for leaving a course uncompleted, to take an additional course which will not be credited towards graduation.

No student may count for graduation more than two courses in which his grade for the year is below 7.

Exclusion from the University. A candidate for the bachelor's degree who has not passed all the entrance examinations by the close of the September examination period at the beginning of his third year of residence, ceases to be a member of the University.

A student who, at any time, has in his record three failures, ceases to be a member of the University. A failure recorded on a previous official report which has not been absolved by a second examination or by additional work, counts as one of these three. In case the student desires to return to the University, he must make written application to the Board of Collegiate Studies, stating fully the ground on which he asks for reinstatement.

A student who ceases to be a member of the University because of failure in his work during his first year of residence, may be permitted to repeat the work the following year, provided he passes the entrance examinations for that year.

Change of Courses. A student who is permitted to change his schedule, must at once report such change to the Registrar on a card provided by him, which must be signed by the Adviser, the Dean, and the Instructor. Dropping a course without approval and without notice to the Registrar, or dropping a course by permission on or after December 1 with an informal mark below 6, will be counted as a failure.

A student transferring from one undergraduate school to another and having a failure in the former must, in addition to the regular requirements for a degree in the school which he is entering, make up the failure or offer an additional equivalent course.

Requirements for Admission

Young men who wish to pursue undergraduate courses should apply to the Registrar of the University for a blank form of "Application for Admission," which must be filled up and *returned to the Registrar at least one week before the time set for the entrance examinations.*[1] These examinations are held at the University in September of each year. [September 15-18, 1924.]

Applicants are received without examination upon certificate from the principals of certain approved schools, provided the certificate fully and satisfactorily covers the requirements for admission. The certificate must be incorporated in the form of application for admission furnished by the Registrar. As soon as it is received, it will be acted upon by the Committee on Admission and Advanced Standing, and the applicant will be notified at once of the Committee's action. If a student's grade in any subject is less than one-fifth higher than that required by his school for graduation, he will be required to take the entrance examination in that subject.

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[1] It is of advantage to a student to make application on or about the first of June, as in this case the Committee on Admission has an opportunity to recommend any additional preparation that may appear necessary.

The admission of students from other schools, and of students who have not met in full the requirements for matriculation, rests with the Committee on Admission, which considers each case on its merits. In exceptional cases only are students admitted with conditions.

To accommodate those who wish to take their examinations at other times and places, the University will accept certificates from the College Entrance Examination Board for subjects passed in accordance with its regulations.

The requirements for admission in detail are given in the special catalogue of the College of Arts and Sciences.

Division of the Matriculation Examination

The applicant may pass a part of the examination one year before his admission to the University and receive credit, under the following conditions:

In his application *he must distinctly declare his intention to divide the examination.* The subjects passed will count toward matriculation if the applicant offers the remaining subjects within the ensuing year.

Advanced Standing

Students who desire to enter the University from other institutions of collegiate grade must submit statements showing the subjects offered for matriculation at those institutions, as well as a list of the courses, with grades, pursued after entrance. The University provides a special blank for listing the required information. It is desirable that a catalogue be sent, with the courses marked. In order to receive the degree of Bachelor of Arts from the Johns Hopkins University, a student must have satisfied the conditions of matriculation and have completed the courses required of all undergraduates. (See page 291).

Enrollment and Payment of Fees

Entering students must present their admission cards to the Treasurer (Gilman Hall, Room 121), on September 25, 1924, at 9 a. m., and pay the enrollment fee ($5.00), the "caution money" deposit ($10.00), the special undergraduate fees ($20.00), and the tuition fees for the first term ($125.00). [After September 25 the enrollment fee is $8.00.] They will then go to the Registrar for enrollment and assignment to Advisers, to whom they must immediately report.

Members of the upper classes [1] *must follow* the same procedure in the forenoon of September 26 or September 27. A fine of $3.00 will be levied against those failing to enroll on the days named.

No student will be enrolled until he presents a receipt from the Treasurer.

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[1] Students admitted before September, 1921, will pay $200.00 per annum for tuition; others $250.00.

TABLE OF ADMISSION REQUIREMENTS

Those who wish to become candidates for the degree of Bachelor of Arts must present evidence of a satisfactory knowledge of the following subjects:

1. Mathematics:	
a. Algebra *a* and *b* (1½ units).	(C. E. E. B., Math. A, or Math. A 1 and A 2).
b. Plane Geometry (1 unit).	(C. E. E. B., Math. C).
2. English (3 units).	(C. E. E. B., English 1 and 2).
3. Foreign Language (4 units required; not less than 2 units accepted in any one language):	
a. Latin: Grammar, Composition, and *Caesar*, books I-IV (2 units).	(C. E. E. B., Latin 3).
Cicero, 6 orations (1 unit).	(C. E. E. B., Latin 4).
Vergil, books I-VI (1 unit).	(C. E. E. B., Latin 5).
b. Greek, c. French (Elementary (2 units).)	(C. E. E. B., Greek A 1, A 2, B, French A, German A, Spanish).
d. German, e. Spanish (Intermediate (1 additional unit).)	(C. E. E. B., Greek A 1, A 2, B, C, F, G, French B, German B).
4. History (1 unit).	(C. E. E. B., History A, B, C, D, or E).
5. Electives, to make 15 units in all, from the following subjects only:	
a. Solid Geometry (½ unit).	(C. E. E. B., Math. D.)
b. Plane Trigonometry (½ unit).	(C. E. E. B., Math. F).
c. Languages (1 to 5 units additional).	
d. History (2 units additional).	
e. Physical Geography (1 unit).	(C. E. E. B. Equivalents).
f. Biology (1 unit).	
g. Botany (1 unit).	
h. Zoology (1 unit).	
i. Physics (1 unit).	
j. Chemistry (1 unit).	

A student must have satisfied the foregoing requirements before he may be fully matriculated.

For further information regarding the College of Arts and Sciences see special catalogue.

COLLEGE COURSES FOR TEACHERS

The University also offers collegiate instruction in the division designated The College Courses for Teachers. It is the primary aim of these courses, which were instituted in 1909, to provide teachers in public and private schools with opportunities for further personal culture and for increasing their professional equipment and efficiency. Satisfactory work accomplished in these courses is credited, under suitable regulations, towards the baccalaureate degrees, but especially towards the degree of Bachelor of Science.

The courses are open to men and women on equal terms. Persons other than teachers are regularly admitted to the courses which they are prepared to pursue, either with or without reference to the requirements of a baccalaureate degree.

The courses are conducted in coöperation with Goucher College. Men desiring to become candidates for the degree of Bachelor of Arts may acquire credits to the amount of ninety points in these courses, and complete the requirements by spending one year in residence in the academic department. A similar provision, in the case of women desiring to proceed to this degree, is made by Goucher College.

Since the opening of this division, courses have been given in the following departments: biology, chemistry, Chinese, classical archæology and art, drawing, education, English, French, German, Greek, history, home economics, hygiene, Italian, journalism, Latin, mathematics, Oriental history and literature, philosophy, political economy, political science, psychology, Russian, and Spanish. Seventy-seven courses are being conducted during the present session, with an enrollment of 128 candidates for the degree of Bachelor of Science and 1,034 other students. The June issue of the *Johns Hopkins University Circular* announces the courses that will be offered in the several departments next session.

The tuition fee is determined by the number of courses pursued, the rate being $12 per year for each hour per week. Students registered in all other divisions of the University and paying full tuition or on scholarship appointment are permitted to register in any of these courses without payment of additional fees other than laboratory charges.

The session of 1924-25 begins Monday, October 6, 1924. Further information may be had by addressing the Director of the College Courses for Teachers.

THE DEGREE OF BACHELOR OF SCIENCE

The degree of Bachelor of Science is offered by the Johns Hopkins University to both men and women completing the required course of study in the College Courses for Teachers and in the Summer Courses, in accordance with the following regulations:

Those who wish to become candidates for the degree of Bachelor of Science must present evidence of having successfully completed courses of study equivalent to the graduating requirements of a standard four-year high school. This evidence may be offered by either of the following means:

1. Presenting certificates:
   (a) Of graduation from a secondary school having a course of study of four years, and approved by the Committee on Matriculation.
   (b) Of the College Entrance Examination Board, or other approved examining boards.
2. Passing an examination.

Fifteen units of secondary instruction are required for matriculation, of which nine are prescribed and six are elective. The subjects in which the prescribed units must be offered are:

English (*three, requiring four years*), History (*one*), Mathematics (Algebra and Geometry) (*two*), a Modern Foreign Language (*two*), Science (*one*).

The remaining six units may be offered by election from the following group, the number of additional units accepted in the several prescribed subjects being indicated in parenthesis:

Domestic Science (*one*) or Manual Training (*one*), Drawing (*one*), History (*one,* or *two*), Latin (*two,* or *three,* or *four*), Mathematics (*one,* or *one and a half*), Modern Foreign Language (*two,* or *three,* or *four*), Music (*one,* or *two*), Science (*one,* or *two*), Book-keeping (*one*), Commercial Arithmetic (*one*), Commercial Geography (*one*), Commercial Law (*one*).

Matriculation must be completed not less than one year before graduation. Advanced standing may be granted to applicants who offer approved collegiate or professional courses in a college, scientific school, normal school, training school, or technical school in advance of high school graduation. Advanced standing granted upon examination is subject to the payment of the tuition fees for the courses thus absolved.

The course of study enabling the candidate to meet the graduation requirements is made flexible so as to permit a choice of courses in various subjects, within limits, in accordance with the future work of the student.

The requirements are:

1. A series of subjects required of all matriculated students, namely:
   English, two courses; Foreign Languages, three courses in at least two languages; History, one course; Science, one course.

2. A major consisting of three courses in one subject and of two courses in one or two cognate subjects. Required courses may not be counted as part of the work in the major.

3. Electives sufficient to complete the requirement of one hundred and twenty points.

All candidates for the degree must complete a minimum of twenty-four points in the College Courses for Teachers. The maximum credit allowed a student in one summer session is eight points.

By a plan of co-operation with the Maryland Institute of Baltimore, provision has been made whereby candidates for the degree who desire to offer a major in art may do so by completing the following courses:

I. Drawing: Freehand drawing, first year, 6 hours; drawing from the antique, second year, 6 hours; still-life and portrait drawing, third year, 6 or 9 hours; life drawing, fourth year, 6 or 9 hours.

II. Cognate courses: Design, 6 hours, and history of art, 2 hours. The first-year drawing may, and the history of art must, be taken at the University. The maximum amount of credit allowed for drawing is seventeen points.

The Maryland Institute is also announcing a special Normal Art Course for the training of teachers and supervisors of art in public schools. Certain courses in education at the University form a part of this special course.

Similar provision has been made, in co-operation with the Peabody Conservatory of Music, of Baltimore, whereby candidates for the degree who desire to offer a major in music may do so by completing at the Conservatory the following regular courses:

Musical literature, history of music, musical pedagogy, normal class, harmony and harmonic analysis, ear training, and at least one main branch, as piano, organ, violin, 'cello, voice, harmony, or school music. The maximum amount of credit allowed for a major in music is twenty-three points. Candidates completing a major in music may offer more than one main branch.

No music student will be granted credits by the University for any branch of study at the Consrvatory which does not include a course in harmony and one in ear training, and then only to students matriculated at the University and whose program of study is approved in advance by the Committee on Advanced Standing.

The fee for matriculation is $5. The charge for tuition in the College Courses for Teachers is $12 per year for each hour per week; in the Summer Courses, $35 per session. The fee for late registration in first half-year, second half-year, and summer courses is $3. Laboratory fees for material consumed are stated in the announcements of the several courses. The fee for a transcript of record is $1. The fee for graduation is $5, payable before the delivery of the diploma.

SUMMER COURSES

The University has conducted annually since 1911 a six-weeks' session of instruction in the summer. The fourteenth session will open on Monday, July 7, 1924, and close Friday, August 15. The registration days for the session are June 25 to June 30. Examinations will be held on August 15.

The summer courses are open to men and women on equal terms. The program usually includes instruction in biology, chemistry, classical literature, economics, education, English composition and literature, French, German, history, home economics, hygiene, Italian, journalism, manual training and industrial arts, music, mathematics, philosophy, politics, psychology, and Spanish.

A school of observation and demonstration will be conducted in the department of education and will include kindergarten, the six elementary grades, and Junior High School classes.

Each course will consist of thirty class exercises, or their equivalent. Credit is given for the satisfactory completion of such courses as are accepted by the several Boards and Committees of instruction for the degrees of Master of Arts, Bachelor of Arts, Bachelor of Engineering, and Bachelor of Science. One of the two years of resident study required for the degree of Master of Arts may be absolved by attendance and study during three summer sessions. The maximum credit allowed in one summer towards a baccalaureate degree is eight points.

For expenses, see Tuition Fees and Expenses.

During the summer of 1923 the enrollment included 753 university students and 290 pupils in the demonstration school.

The special circular may be had by addressing the Director of the Summer Courses.

II. FACULTY OF MEDICINE

General Statement

The Medical Department of the Johns Hopkins University was opened for the instruction of students October, 1893. It is an integral and coördinate part of the University, and is in the closest affiliation with the Johns Hopkins Hospital, the professors of the various clinical branches being the heads of the corresponding departments in the Hospital.

From the opening of the school, all instructors in the underlying scientific branches have devoted their entire time to their University duties. The establishment by the General Education Board in 1914 of the William H. Welch Fund for the Advancement of Clinical Teaching has made it possible to place the responsible instructors in medicine, surgery, pediatrics, and obstetrics upon a similar basis. At the same time a number of physicians who are engaged in outside practice are utilized as clinical teachers.

The course of instruction extends over four years, and is planned for the professional training of those who have received a liberal education, as indicated by a collegiate degree in arts or science from an acceptable institution, including a specified training in physics, chemistry, and biology, and a reading knowledge of French and German. Men and women are admitted upon the same terms.

In order to afford requisite facilities, the number of students in each class is limited to seventy-five.

Throughout the course special emphasis is laid upon practical work in the laboratories, in the wards of the Hospital, and in the dispensary. While the primary aim of the School is to train practitioners of medicine and surgery, it is recognized that the medical art should rest upon a suitable preliminary education and upon thorough training in the underlying medical sciences. The first two years are devoted mainly to practical work, combined with demonstrations, recitations and lectures, in the laboratories of anatomy, physiology, physiological chemistry, pharmacology, pathology, and bacteriology. During the last two years the student is given abundant opportunity for the personal study of sick patients, and most of his time is spent in the hospital wards and dispensary, or in the clinical laboratories.

The instruction begins on Monday, October first. Candidates for admission are required to be present on the preceding Friday. The graduating exercises are held on the second Tuesday of June. There is a ten-day recess at Christmas and one or two days at Easter.

All inquiries should be addressed to the Dean of the Johns Hopkins Medical School.

Requirements for Admission

As candidates for the degree of Doctor of Medicine the School receives a maximum of seventy-five students in each class, who must present the qualifications indicated below:

I. Those who have satisfactorily completed the Chemical-Biological course, which leads to the A. B. degree in this University.

II. Graduates of approved colleges or scientific schools who can furnish evidence: (*a*) that they have an acquaintance with Latin and reading knowledge of French and German; (*b*) that they have such knowledge of biology, chemistry and physics, as may be obtained from the minimal courses described below: *

III. Students who have completed in this University 110 of the 125 points required for the Bachelor's degree, including the required work in biology, chemistry, and physics, and in the languages, may be admitted to the Medical School, and will receive the degree of Bachelor of Arts when they have satisfactorily completed one year of work therein. This privilege, however, will be accorded only when the college standing averages 85 or more.

Application for Admission

Application for admission must be made to the Dean prior to July first. Printed forms will be furnished, one page of which is to be filled out by the applicant and the other by an officer of the institution at which the

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* Biology.—Three hours of class work per week for one year, and 180 hours of laboratory work upon the structure, functions and life-histories of selected types of animal and plant life. It is desirable that the course should include laboratory instruction in embryology. Courses in botany or zoology will be accepted provided the laboratory work has been adequate.

Chemistry.—Two years of college work, in which two-thirds of a year should be devoted to organic chemistry. Each year's course should comprise three class room exercises a week and five or preferably six hours of laboratory work. This represents only a minimal training, and three years work is advised, including a short course of lectures and demonstrations in elementary physical chemistry.

As it has been ascertained that certain acceptable institutions will have difficulty in providing students with additional work, the decision to require three years' preparation in chemistry from October, 1923, has been rescinded. It is understood, however, that applicants presenting such preparation will be given preference.

In view of the increasing employment of mathematical conceptions in chemical work, students expecting to take up the study of medicine are advised to include one year of mathematics in their college course.

Physics.—A collegiate course consisting of three hours of class work per week for one year, and at least 120 hours of *quantitative* work in the laboratory. Special attention should be given to theoretical mechanics and to mechanical and electrical experiments.

Latin.—The candidate must have studied Latin grammar and possess at least such knowledge of the language as may be acquired by reading four books of Cæsar or their equivalent.

collegiate degree was obtained. The former gives information concerning the general preliminary education, and the latter authoritative data concerning the instruction received in the pre-medical sciences and the modern languages.

Applicants living within two hundred miles of Baltimore must present their applications in person to the Dean sometime between Easter and June 15, and should arrange a special appointment for that purpose. Applicants who live at a greater distance will not be required to appear in person but must send a cabinet-size photograph with their applications.

As the size of each class is limited, it is attempted, in case a greater number apply, to choose seventy-five of the most promising applicants. The choice is made by taking into consideration the character of the college from which the applicant graduated, his standing in the pre-medical sciences and the languages, and an estimate made by one of his science teachers, in a personal letter to the Dean, as to his or her fitness to undertake the study of medicine.

Applications may be filed at any time, but, except in unusual circumstances, they will not be considered formally before July first. Notification of acceptance will be sent not later than July fifteenth.

No applicants will be accepted who are deficient in any underlying science, but in exceptional instances those having only a deficiency in French or in German may be admitted, with the understanding that the condition must be absolved before the beginning of the second year.

Admission to Advanced Standing

Each year there will be a number of vacancies in the second- and third-year classes. These will be filled by students from acceptable medical schools, who present exceptional qualifications. Such applicants must furnish evidence (1) that they are eligible to the first-year class without conditions of any kind; (2) that medical courses, equivalent in kind and amount to those given in this school in the year or years preceding that to which admission is desired, have been satisfactorily completed; and (3) they must be prepared to pass examinations at the beginning of the session in all subjects already pursued by the class to which admission is sought. The applicant must have studied as a matriculated medical student for a period of time at least equal to that already spent by the class which he seeks to enter.

As graduation from an approved college or scientific school is essential for admission to this school, applicants from universities conferring a collegiate degree upon the completion of a combined course, consisting of two years of collegiate and two years of medical work, are not eligible for admission to our third-year class.

Admission to the fourth-year class is jealously guarded, and will be considered only in the case of exceptional applicants who have given evidence of unusual ability in their original school.

Persons who have already received the degree of Doctor of Medicine

elsewhere, will not be admitted as candidates for that degree from this University. Should further instruction be desired, they may enter as graduate students.

Instruction for Graduates in Medicine

During the school year, a limited number of graduate students may be admitted to work in the several departments.

In every instance the arrangement for such facilities must be made directly with the head of the department concerned, but work cannot be commenced until after registration at the Dean's office.

Special Workers.—Special workers, not candidates for a degree, may be received at the discretion of the Faculty.

Requirements for Graduation

The degree of Doctor of Medicine is conferred upon those who, after fulfilling all the requirements for admission, have completed satisfactorily a four years' course of study.

Students who have been admitted to advanced standing, as well as those of our own students who have been granted permission to pursue a part of their studies elsewhere, must spend at least the final year in this School.

The degrees are publicly conferred at the University Commencement on the second Tuesday of June, or on Commemoration Day, February the twenty-second.

Examinations and Promotions

The final standing of students in each major subject is based upon the composite judgment of the responsible instructors in that department and not solely upon the results of written examinations. In the final estimate of the student's standing, due consideration will be given to a general evaluation of his personal fitness for the career of medicine.

The seventy-five students entering the first year class are admitted with the understanding that only those who, in the opinion of the Committee on Instruction, give promise of being a credit to themselves and the School, will be advanced. Promotion in the subsequent years will depend in a similar manner upon the judgment of the Committee on Instruction for the respective years. Any vacancies created by the action of the Committees on Instruction may be filled by admission to advanced standing of properly qualified students.

At the end of each academic year the records of all students will be examined by the Committee on Instruction for that year, and action will be taken which will determine the student's status.

The major subjects for the four years of the course are:

1. Anatomy (including histology)
2. Physiology
3. Physiological Chemistry
4. Pharmacology
5. Pathology (including bacteriology)

6. Medicine (including physical diagnosis, neurology and clinical microscopy)
7. Surgery
8. Obstetrics (including gynecology)
9. Psychiatry
10. Pediatrics
11. Major electives

In other subjects written examinations will not be held unless the course carries with it a credit of at least one unit. In less extensive courses the instructor will merely certify that the student has been in attendance.

Students who fail in one major subject will not be re-examined until one year after the completion of the course unless special authorization is given by the Committee on Instruction for that year. Students who fail in two major subjects at any time during the four years of the course must withdraw from the School. In this connection it is understood that a failure, which has been absolved, will still be counted should the student fail in any other major subject.

By the end of the sixth trimester, the student is required to have completed his work in the following subjects, anatomy including histology, physiology, physiological chemistry, pharmacology, and pathology including bacteriology. In addition to these subjects the student also receives instruction in introductory clinical courses during the third, fourth, fifth and sixth trimesters as may be seen from the Schedules of Courses for the First and Second Years.

At the end of the third year examinations will be held in medicine (including physical diagnosis, clinical microscopy and neurology), surgery, obstetrics (including gynecology) and psychiatry.

At the end of the fourth year final examinations will be held in medicine, surgery, psychiatry and pediatrics while in the major elective courses examinations will be held at the end of each trimester. The results will be reviewed by the Committee on Instruction and Examinations for the third and fourth years, and the successful candidates will be recommended to the Advisory Board of the Medical Faculty for graduation.

Students who have been absent on account of sickness or for four weeks or longer in any trimester are advised not to come up for examination without conferring with the instructors concerned or with the Dean. Those who have been absent for half a trimester or more will be required to repeat the trimester's work.

Students not appearing for examination on the specified dates or coming up for re-examination will be required to pay a fee of $5.00 for each examination.

General Plan of Instruction

Each year is divided into trimesters of eleven weeks each. For the year 1924-25 the first will extend from October 1 to December 22, the second from January 2 to March 13, and the third from March 15 to May 31.

The first two years of the course are devoted mainly to the fundamental

medical sciences, the greater part of the time being spent in practical work in the laboratories; while in the last trimester of the second year certain introductory courses in practical medicine are begun. In the last two years the various clinical branches are studied in the wards of the Hospital, in the dispensary, and in the clinical laboratories.

The principal studies of the first year are anatomy, histology, physiology, bacteriology, and physiological chemistry. The study of anatomy and of physiology is continued in the second year, together with general pathology, pathological anatomy, pharmacology and toxicology. During the last trimester of the second year instruction is begun in physical diagnosis as an introduction to the clinical work of the succeeding years.

The major portion of the work of the first two years is obligatory for all students, but the time is so arranged that certain elective courses may be selected, thereby making it possible either to give more time to the obligatory courses, or to do special work along related lines.

As the third and fourth years are devoted to practical medicine, they can not be taken up until the student has obtained credit for the prescribed minimum of work in the underlying sciences.

The work of the third year is largely obligatory. The student attends the class and dispensary exercises in medicine and surgery, and completes the required work in obstetrics, gynecology, and nervous diseases.

From 9 a. m. to noon each group receives instruction in obstetrics and gynecology, while the balance of the time is devoted to practical work in the medical, surgical and neurological departments of the dispensary. From 12 noon to 1 p. m. the entire class attends the amphitheatre clinics in medicine or surgery. The afternoons are devoted mainly to laboratory work in clinical microscopy and surgical pathology. Instruction is also given in practical therapeutics and pharmacy, thus completing the pharmacological work of the previous year. Short propadeutical courses are also given to familiarize the student with the use of the ophthalmoscope and laryngoscope. On certain afternoons a number of short elective courses of a practical character are also offered, and each student is required to select from them a sufficient amount of work to give him a credit of one and a half units.

The work of the fourth year is partly elective. For this purpose the class is divided into three groups, each working in rotation for one trimester in medicine (including pediatrics), surgery, and in certain elective subjects.

Each student must complete 18 units of work during the year—the unit being a course or group of courses occupying six hours a week for one trimester. Eleven units are obligatory, and include six units in medicine (including pediatrics), three units in surgery, one unit in ophthalmology. The remaining unit in the surgical trimester must be devoted to one of a number of short courses in various specialties, or special courses in medicine and surgery.

In the elective trimester the student must absolve six units of work. These may be in the various specialties, in the fundamental medical sciences, or in other than obligatory work in medicine or surgery.

The obligatory work in medicine, which includes a part of the required work in pediatrics, requires at least six hours of work a day for one trimester. The members of this group act as clinical clerks in the medical wards, a certain number of beds being assigned to each student. They take the histories of the patients and make the necessary examinations and notes under the direction of the resident staff. They accompany the physician-in-chief or some member of the senior staff in the daily ward-rounds, and receive special bedside and laboratory instruction.

In the surgical trimester, the student gives three hours a day to attendance upon ward-rounds, operations, and to work in the surgical laboratories. The members of this group act as surgical dressers in the wards. They make the morning visits with the surgeon-in-chief or a member of the senior staff, and have daily opportunities to become familiar with the diagnosis, management and progress of surgical cases. They are also given an opportunity to take an elective course in operative surgery upon animals.

The elective work is arranged in major, minor and fractional courses. The former occupy 3 or 2½ hours a day throughout one trimester, according as the classes are in the morning or afternoon, and count as 3 or 2½ units respectively. In the minor courses, which count as one unit, one hour a day, or two hours every alternate day, throughout one trimester, are devoted to the subject, while several fractional courses may be combined to make one unit. Students choosing such courses must register at the Dean's office and will be expected to complete them satisfactorily and to submit to an examination at their close. In fractional courses examinations will not be held, and regular attendance, properly certified by the instructor, will entitle the student to the allotted credit. After having once been chosen, elective courses must be followed to the end of the trimester.

To summarize, the time of each fourth-year student is apportioned as follows: trimester A, practical work in medicine during the entire day; trimester B, practical work in surgery during the morning, and in the afternoons a short course in ophthalmology, and in one of the special branches of medicine; trimester C, six units of elective work. In other words, each student after completing certain minimal requirements, chiefly in medicine and surgery, may extend his knowledge by taking a number of short clinical courses in various branches, or he may concentrate his attention upon the work of a few departments.

Hopkins Scholarships

Six Hopkins Scholarships are open annually to students from Maryland, North Carolina and Virginia. These scholarships give free tuition for one year and are granted to deserving students who have shown

marked aptitude in their work. Three are given to fourth-year students, two to third-year students and one to a second-year student. Applications, upon a prescribed form, should be addressed to the Dean of the Medical School not later than May first.

Hospital Appointments

Each year sixteen or more unmarried members of the graduating class are recommended to the Trustees of the Johns Hopkins Hospital for appointment as Resident House Officers, to serve for one year from the following first of September.

III. FACULTY OF HYGIENE AND PUBLIC HEALTH

In June, 1916, the Rockefeller Foundation of New York notified the President of the Johns Hopkins University that the Foundation was prepared "to co-operate with the University in the establishment of a School of Hygiene and Public Health for the advancement of knowledge and the training of investigators, teachers, officials and other workers in these fields."

This offer was accepted by the University, and on June 12, 1916, the President of the University made the formal announcement that the Board of Trustees had authorized the establishment of a School of Hygiene and Public Health as part of the University. Dr. William H. Welch was appointed Director and Dr. William H. Howell was named to assist in the work of organization.

The main objects of the School are to establish courses for the training of qualified persons for public health work, to promote investigative work in hygiene and preventive medicine and provide opportunities for the training of investigators in these subjects, and to develop adequate means for the dissemination of sound hygienic knowledge. Men and women are admitted on the same terms.

COURSES AND DEGREES

I. Course leading to the degree of Doctor of Public Health:

The purpose of this course is to furnish instruction in public health knowledge and methods to those who have a liberal education and a fundamental training in medicine. The course will consist of specified work throughout two years together with a summer spent in field work in some organized public health service. The specified work will comprise courses in the following subjects: advanced bacteriology and immunology; the chemical and bacteriological analysis of foods, water and sewage; statistical methods; sanitary and administrative law; personal hygiene; nutritional and environmental hygiene; the history of hygiene; protozoology and medical zoology; epidemiology, the administrative control of diseases, sanitation and public health organization, sanitary engineering, and social and mental hygiene. It is understood that these requirements may be modified to suit the needs or aptitudes of special students. An essay based upon individual study of some problem or subject in hygiene is to be submitted before receiving the degree. Graduates in this course should be prepared to serve as public health officials in those important positions in which the health of large communities is involved and in which relations must be maintained both with the medical profession and the general public. The following groups of students will be accepted as candidates for this degree:

a. Graduates of approved medical schools who have had a liberal education as evidenced by a degree in arts or science, or its equivalent. These candidates will be required to pursue a two-years' course together with one summer of practical work in an organized public health service.

b. Students who have completed satisfactorily three years of the course in an approved medical school and who have had a liberal education as evidenced by a degree in arts or science, or its equivalent, may be accepted as candidates for this degree while completing the course in medicine. Arrangements have been made with the Johns Hopkins Medical School whereby students in this school can pursue a combined course in medicine and in public health of such a character that a student may receive his degree in medicine on the completion of four years' work, and his degree in public health after an additional or fifth year of work in the School of Hygiene and Public Health together with a summer spent in practical field work. In their fourth year these students may fill all of their elective hours with subjects taken from the curriculum of the School of Hygiene and Public Health. A combined course of a similar character may be obtained with other schools by special arrangement.

II. Courses leading to the degree of Doctor of Science in Hygiene:

The underlying object in the arrangement of these courses is to train specialists in the various departments of public health work, and to afford opportunity for those not graduated in medicine to undertake public health work.

The candidate is expected to absolve certain courses of a basic character, but for the most part his time will be devoted to advanced work in some one department. This work must include a special investigation of some problem the results of which are to be presented in the form of a dissertation. In view of the special requirements and the time implied in completing successfully a definite research, it may be assumed that after obtaining the bachelor's degree at least three years of work will be necessary to meet all the requirements for the degree of Doctor of Science in Hygiene.

To be accepted as a candidate for this degree the following requirements must be fulfilled:

a. A degree in arts or science or its equivalent, as evidence of a liberal education.

b. Certificates of the satisfactory completion of adequate courses in chemistry, physics, and biology.

c. Certificates of the satisfactory completion of adequate courses in anatomy, physiology, and pathology.

d. In exceptional cases, on the recommendation of the head of a department, a candidate may be accepted who offers in place of (c) satis-

factory evidence of special training of an advanced character in subjects fundamental to his main field of work.

After acceptance as a candidate the student will be assigned for advice and guidance to the head of the department in which he will specialize. The regulations governing the presentation and publication of dissertations, and the oral and written examinations of candidates, are published in the catalogue of the School of Hygiene and Public Health, which will be sent on application.

III. Course leading to the degree of Bachelor of Science in Hygiene:

The course requires two years of work taken partly in the School of Hygiene and Public Health and partly in the Medical School. It is based upon a liberal education and an adequate knowledge of physics, chemistry, and biology such as can be obtained in two years of a college course. The first year's work consists of courses in physiology, bacteriology, anatomy and histology, the chemistry of foods, water and sewage, and physiology as applied to hygiene. The second year's work consists of courses in advanced bacteriology, immunology, parasitology, pathology, statistics, nutritional hygiene, and sanitary engineering. The requirements for matriculation in these courses are as follows:

a. Certificate of matriculation in an approved college and the completion of at least two years of college work.

b. Certificates of adequate courses in biology, physics, and chemistry, including organic chemistry.

By an adequate course is meant in physics one year of college work covering approximately 100 hours of laboratory and 100 hours of class work; in biology one year of college work covering approximately 150 hours of laboratory and 100 hours of class work; in chemistry one to two years of college work covering approximately 250 hours of laboratory and 120 hours of class work.

IV. Course leading to a Certificate in Public Health:

A certificate in public health may be awarded to qualified persons after one year of residence and the satisfactory completion of lectures and laboratory courses equivalent in amount to the work of a full academic year. The courses followed must include practical work in bacteriology, sanitary engineering, statistics, epidemiology, and in such other courses as may be approved by the faculty.

Candidates for these certificates must be graduates in medicine of an approved medical school or graduates in arts or science who can furnish satisfactory evidence of previous training in the physical and medical sciences.

V. Intensive Courses for Public Health Officers:

Public health officers may enter the School as special students in any trimester to take any of the scheduled courses which they may be prepared to enter. In addition to this general arrangement the Department of

Public Health Administration will undertake as far as possible to make arrangements for partial courses or combinations of courses to suit the special needs of public health officials who may not be able to remain during an entire trimester.

VI. Intensive Course in Medical Zoology.

This course is offered for three weeks, usually at the beginning of the second trimester. It consists of lectures, demonstrations and laboratory work in the field of parasitology. The fee for the course is $25.00 in addition to a small fee for the use of a microscope if needed. Schedules and other details may be obtained on application.

Special Students

An opportunity to use the facilities of the School will be granted to the following groups of special students not registered as candidates for a degree:

1. Public health officers who may wish to take one or more lecture or laboratory courses, or engage in the study of some special problem.
2. Other qualified persons who may wish to attend special courses or undertake research work and whose qualifications receive the formal approval of the faculty of the School.

The De Lamar Lectures in Hygiene

A series of popular lectures in personal and public hygiene will be arranged each session. The object of these lectures is to bring before the public the general facts and points of view of modern hygiene, with the hope that in this way the School may serve as a center for the distribution of useful knowledge in all matters pertaining to sanitation and preventive medicine. These lectures are supported from the fund bequeathed to the Medical School by Joseph R. De Lamar.

Scholarships

Twelve scholarships carrying free tuition may be awarded annually by the Trustees of the University upon the recommendation of the Faculty. The scholarships are granted for one year, but may be renewed for a second year. Applications for these scholarships will be acted upon in April and December of each session, and candidates should apply to the Director of the School before April 1st or December 1st.

Fellowships

Nine fellowships are awarded annually by the Trustees of the University upon the recommendation of the Faculty. They are granted for one year but may be renewed for a second year. These fellowships fall into two classes.

I. Three Research Fellowships. Each fellowship carries an annual stipend of $1,000 and exemption from all tuition fees. The conditions of award are as follows:

1. The applicant must have received his doctor's degree in medicine, science, philosophy or public health, or must have conducted and published a meritorious investigation.
2. The holder of a fellowship must give his time primarily to investigative work approved by some member of the staff of the School, and must be in residence during the academic year unless permission is granted by the faculty to carry on his work elsewhere.

II. Six fellowships carrying each a stipend of $500 a year and exemption from all tuition fees. These fellowships may be awarded to graduate students who are candidates for the degree of Doctor of Science. Preference will be given to those applicants who are already students in the School. Holders of these fellowships must be in residence during the academic year unless special permission is obtained from the faculty to work elsewhere.

Applications for either class of fellowships should be made in writing to the Director of the School before March 1st.

Registration and Calendar

All students upon entering must report at the Director's office, 312 W. Monument Street, for registration and payment of fees.

The academic year is the same as in other departments of the University.

Instruction begins on the Tuesday nearest to the first of October. The graduating exercises are held on the second Tuesday of June. There are short recesses at Christmas and Easter.

Since instruction is arranged on a trimestral basis, it is possible for candidates for the degree of Doctor of Public Health or Doctor of Science in Hygiene to enter the School at the beginning of any trimester, and to graduate at the end of any trimester. Formal bestowal of degrees takes place at the University Commencement in June and on Commemoration Day, February 22nd.

Tuition

The charge for tuition in the courses leading to a degree or a certificate is $250 per annum, payable at the office of the Director, in three instalments, one at the beginning of each trimester. For students taking special courses the charge for one trimestral course, including laboratory work, is $50.00. The charge for shorter courses will be arranged on application.

For further information address the Director of the School of Hygiene and Public Health, Johns Hopkins University, 310-312 W. Monument Street, Baltimore, Md.

IV. THE SCHOOL OF ENGINEERING

The Foundation

The establishment of the School of Engineering of the Johns Hopkins University was made possible by the passage of an Act of the General Assembly of the State of Maryland in its session of 1912. The preamble of the Act quotes the Declaration of Rights of the State as follows: "The Legislature ought to encourage the diffusion of knowledge and virtue, the extension of a judicious system of general education, the promotion of literature, the arts, sciences, agriculture, commerce and manufactures, and the general amelioration of the condition of the people." The Act further states that its purpose is the extension to the people of this State of opportunities, facilities, and advantages for education in applied science and advanced technology not hitherto available to them.

The Act provides a liberal appropriation for the erection of buildings and the purchase of equipment, and a continuing annual appropriation available to the University each year. In conformity with the purpose and provisions of the Act the University offers each year a number of scholarships granting free tuition to residents of the State of Maryland.

General Plan of Instruction

The School of Engineering offers graduate and undergraduate courses in the branches of Civil, Electrical and Mechanical Engineering. An undergraduate course in Chemistry is also offered, which has been arranged with special reference to the needs of chemical industries.

The laboratories at Homewood, designed after careful study, provide every accommodation and facility for professional instruction. Besides the complete provision which has been made for undergraduate instruction, equipment has also been chosen with special reference to advanced study and experimental research.

The University operates its own steam and electric power plant, which furnishes heat and electric light and power to the various buildings of the University group at Homewood. The types of the equipment in the power house, their arrangement, and the method of distributing heat and power through tunnels to the various buildings, have been chosen with particular reference to their use for the purposes of instruction.

A number of photographs and plans of the buildings of the engineering group are shown in the announcement of the School of Engineering. A description of the buildings, with illustrations, has been published in the *Johns Hopkins University Circular* of December, 1916.

Graduate Courses

The graduate courses offer advanced professional instruction. The plan of conducting the work of these courses is in general similar to that which governs the graduate work of other departments of the University.

The progress of the several branches of Engineering is followed in the current literature. Fitness for independent study and investigation is developed by seminary methods and in the laboratory. Special opportunities are offered for research and for experiment in the solution of engineering problems. Effort is made to maintain intimate contact with public corporations and municipal and State departments, and with others engaged in engineering enterprise, with the purpose of studying their problems and so aiding scientific progress in the methods of engineering.

The encouragement of individual initiative and independent study in the graduate courses constitutes especially valuable training for those who desire to become teachers of engineering subjects.

Detailed statements concerning the graduate instruction which is offered in the several branches of Engineering are given below. Correspondence is invited as to the facilities which may be offered for the investigation of special problems.

In addition to the professional courses enumerated below, attention is also drawn to a number of courses in allied subjects which are readily available. These courses present the most recent advances in the several sciences from the point of view of theory in its bearing on industrial applications and public needs. Among the more important are those in applied chemistry, economic geology, physics, and the courses in the School of Hygiene and Public Health. Through the close relationship between these courses and the graduate work in Engineering, exceptional opportunities are offered for specialized professional investigation.

Undergraduate Courses

The undergraduate courses in Engineering aim to give the student a thorough training in the principles of the several branches of Engineering and an introduction to the methods of practice. Emphasis is laid upon fundamental and cultural studies in the first two years. In the later years these studies are combined with professional subjects to an extent which should give the graduate a training and equipment enabling him to take intelligent and increasingly responsible part in engineering undertakings. Particular effort is made to impart a thorough grounding in the general principles of the several branches of Engineering, the greater portion of the time being devoted to this purpose. The further study of special applications is assigned to the graduate years.

The course of undergraduate instruction continues through four years. The program of studies for the first year is the same in all branches (Civil, Electrical, and Mechanical Engineering and Chemistry). Engineering studies begin in the second year, increasing in number and extent in the third and fourth years. Free-hand drawing is taught in the first year and mechanical and engineering drawing continues through all four years. The fundamental and general educational studies are conducted with the aid of the faculty of the College of Arts and Sciences.

The student may choose at the beginning of the third year the branch

of Engineering which he wishes to follow. The fourth year is devoted mainly to professional studies of the principal subject. One of the earlier courses in each subject is arranged with special reference to the needs of students in other branches of Engineering. The curriculum provides places for several elective studies.

In addition to recitations and personal conferences, practical work in the laboratory, demonstrations, and the study of existing engineering installations are prominent features of the methods of instruction.

Students are required to secure employment with engineering or other industrial organizations during the summer months. Permanent arrangements with a number of such organizations facilitate this feature. At least six months of such work is a prerequisite for graduation.

An unusual feature of the undergraduate instruction is a course of lectures on "Engineering Practice." These lectures are given by practicing and operating engineers. They are particularly designed to bring before the student the essential features of the planning, construction, and operation of modern engineering projects.

The requirements for admission are the same as for the College of Arts and Sciences, except that one unit in Mechanical Drawing may be offered. They are listed on pages 295 and 297.

General regulations regarding admission, enrollment, attendance, examinations, etc., and the arrangement of courses will be found in the special catalogue of the School of Engineering.

Degrees

As evidence that the undergraduate course in Engineering has been successfully completed, the degree of Bachelor of Engineering is conferred at its close. This degree is not intended to indicate completion of formal educational training in Engineering, but rather to mark a starting point from which students, who are for any reason not able or not inclined to continue in the rigid discipline of advanced professional study, may nevertheless enter with credit into engineering work under the direction of others.

The student will normally follow one of the prescribed courses of study. Substitution of other studies in place of those prescribed may be made only by special arrangement.

Application for credit for work done elsewhere and for advanced standing should be made to the Advisory Committee of the School of Engineering before the opening of the year; a blank form is provided.

The degree of Bachelor of Science in Chemistry is conferred on satisfactory completion of the undergraduate course outlined in the catalogue of the School of Engineering.

The degrees of Master of Civil Engineering, Master of Electrical Engineering, Master of Mechanical Engineering are conferred upon those who satisfactorily complete two years of professional study following the degree of Bachelor of Engineering. as described above, or its equivalent.

The general character of this training and the courses which are followed have already been described.

The degrees of Doctor of Engineering and Doctor of Philosophy are open to those who wish to proceed further in special professional study and original investigation, and who comply with the requirements for those degrees. The specific requirements for the former are stated in the separate catalogue of the School of Engineering; for the latter degree see page 281 of this Register.

Scholarships

The legislative bill which established the School of Engineering makes liberal provision for scholarships granting free tuition to deserving students who reside in the State of Maryland.

One hundred and eight scholarships are awarded to young men from Baltimore City and the various counties of the State whose means are such that they are unable to procure a technical education unless free tuition is granted them. In addition twenty-one scholarships are open to graduates of seven colleges of Maryland.

The scholarships are awarded so that as nearly as possible the same number of appointments in each county is made each year. For the year 1923-24 scholarships will be vacant in the Counties and in Baltimore City in accordance with the list published in the catalogue of the School for 1923.

The total number of scholarships which may be held by the residents of the various Counties and of Baltimore City is given below:

Allegany	6	Garrett	3
Anne Arundel	4	Harford	3
Baltimore County	6	Howard	2
Baltimore City, 1st district	6	Kent	2
Baltimore City, 2d district	6	Montgomery	4
Baltimore City, 3d district	6	Prince George's	4
Baltimore City, 4th district	6	Queen Anne's	2
Calvert	2	Somerset	3
Caroline	3	St. Mary's	2
Carroll	4	Talbot	3
Cecil	3	Washington	5
Charles	2	Wicomico	3
Dorchester	4	Worcester	3
Frederick	5		

Competitive Examination for Scholarships

In order to secure one of these scholarships, application must be made both for entrance to the University and for the scholarship on blank forms which will be furnished by the Registrar of the University. Applications for the scholarship are considered only after the applicants have satisfied the requirements for admission. Examinations are held in September. [September 19, 1924.]

If there is more than one applicant for a particular scholarship, a special competitive examination is held the day following the Autumn

entrance examinations. This examination is in Mathematics, English, and one of the four foreign languages—French, German, Spanish, Latin. The scope in each subject is that of the requirements for entrance. The examinations in the three subjects covers one three-hour session.

Public announcement is made immediately of the relative standing of the applicants in the competitive examination. Each successful competitor then secures the certification of the Senator from his county or legislative district that the applicant resides in such county or district, and that his financial circumstances are such that he is unable to pursue a technical education unless free tuition be granted. The results of the competitive examination are sent to each Senator, together with the necessary blank forms of certification. No award of a scholarship is made until this certificate is received.

In addition to the scholarships in the above list six scholarships "At Large" are awarded to any otherwise properly qualified residents of the State of Maryland.

Three scholarships are also offered to Maryland graduates of each of the following colleges: Loyola College, Maryland State College (University of Maryland), Mt. St. Mary's College, Rock Hill College, St. John's College, Western Maryland College, and Washington College. The award of these scholarships is made without reference to the ability of the applicants to pay the fees, and is solely on the basis of merit as certified by the Presidents of the Colleges.

All the scholarships entitle the holders to free tuition, free text-books, and exemption from laboratory fees.

In each county and in each city legislative district the Senator has the privilege of recommending one of the scholarship holders for the "Senatorial Emolument" of $200, or other provision for defraying the cost of board and lodging. The recipient of the emolument is said to hold a "Senatorial Scholarship."

The appointments to all scholarships are for one scholastic year, but the holders are eligible for reappointment from year to year if they conform in character, industry, and ability to the standards and requirements of the University.

Three scholarships granting free tuition are open to graduate students. Application for these scholarships should be addressed to the Dean of the School of Engineering.

V. THE SCHOOL OF BUSINESS ECONOMICS

General Statement

Instruction in the School of Business Economics was begun in the fall of 1922. The establishment of this school was a recognition of the increasing need of specialized academic training for men contemplating a business career. The School of Business Economics offers to such men specific training for their future work in much the same way that a school of engineering furnishes preparation for the profession of engineering.

Specialized instruction, however, can be successfully provided only upon the basis of an adequate grounding in certain fundamentals. The highest type of business man requires background as well as expert knowledge of his own immediate field. In planning the curriculum of the School of Business Economics the University has kept both of these needs in mind. During the first two years the studies are rather closely prescribed and are selected so as to furnish an essential background for a career in any field of business. In the third year greater latitude is allowed the student in the selection of subjects, and in the fourth year nearly all courses are electives. During these last two years there should be intensive specialization in studies in business economics.

Business activities may be classified under four main headings: production, marketing, finance, and accounting. By the end of his second year the student should know in which field his main interest centers and should select his subjects of study accordingly. For his guidance the elective studies have been classified in four major groups corresponding to the above division of business activities.

Outline of Courses

FIRST YEAR

First Half-year	Points	Second Half-year	Points
Mathematics 1	4	Mathematics 1	4
English Composition	3	English Composition	3
French, German, Spanish } Elect one	4	French, German, Spanish } Elect one	4
Economic History	3	Economic History	3
Military Science	1½	Military Science	1½
or		*or*	
Physical Training		Physical Training	
Elective	3	Elective	3

SECOND YEAR

Mathematics of Finance	3	Mathematics of Statistics	3
English Literature	3	English Literature	3
French, German, Spanish } Elect one	3	French, German, Spanish } Elect one	3
Statistical Method	3	Business Organization	3
Political Economy	3	Political Economy	3
Military Science	2	Military Science	2
or		*or*	
Physical Training		Physical Training	
Elective	3	Elective	3

THIRD YEAR

Psychology 1	3	Psychology 1	3
Accounting 1	3	Accounting 1	3
Elective	3	Money and Banking	3
Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3

FOURTH YEAR

Accounting 2	3	Accounting 2	3
Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Elective	3	Elective	3

Electives in Business Economics

(Half-year unless otherwise specified)

Corporation Finance
Investments
Applied Statistics
Marketing
Advertising
Commercial Law
Commercial Geography
American Trade Unionism
Labor Problems
Foreign Trade
Accounting 3 (entire year)
Railroad Transportation
Ocean Transportation
Industrial Organization and Contracts

Regulations as to Choice of Electives

During the first two years electives should be chosen, with the approval of the student's faculty adviser, from among the courses, other than economic courses, offered in the College of Arts and Sciences. Of the seventeen half-year elective courses provided for during the last two years at least ten must be chosen from among the electives in Business Economics as shown above. The other seven electives during these years may be chosen from either the electives in Business Economics or the courses offered in the College of Arts and Sciences which have the approval of the student's adviser.

The following major groups of elective courses in Business Economics are arranged for the guidance of the student in making his selections during his last two years.

Major Groups of Electives in Business Economics

I. Finance:
- Corporation Finance
- Investments
- Applied Statistics
- Commercial Law

II. Accounting:
- Accounting 3 (entire year)
- Applied Statistics
- Commercial Law

III. MARKETING:
- Marketing
- Advertising
- Foreign Trade
- Railroad Transportation
- Ocean Transportation
- Commercial Geography

IV. PRODUCTION:
- Industrial Organization and Contracts
- Applied Statistics
- Commercial Law
- Labor Problems
- American Trade Unionism

REQUISITES FOR DEGREE

The degree of Bachelor of Science in Economics will be awarded upon completion of an approved curriculum in the School of Business Economics.

In order to obtain a degree the following requirements must be fulfilled:

1. Completion of all courses specified in the Outline of Courses on pages 320 and 321.
2. Completion of sufficient other approved courses to make a total of 125 points.
3. Completion during the third and fourth years of at least ten half-year courses in Business Economics.
4. Completion in any one of the four years of one laboratory course.

REQUIREMENTS FOR ADMISSION

Men who wish to enter the School of Business Economics should apply to the Registrar of the University for a blank form of "Application for Admission," which must be filled up and *returned to the Registrar at least one week before the time set for the entrance examinations.* These examinations are held at the University in September of each year. (September 15-18, 1924.)

For matriculation in the School of Business Economics the student must present evidence of a satisfactory knowledge of the following subjects.[1]

1. Mathematics:
   a. Algebra a and b (1½ units).
   b. Plane Geometry (1 unit).
2. English (3 units).
3. Foreign Language (2 units in any one of the following):
   a. French.
   b. German.
   c. Spanish.
   d. Latin.
4. History (1 unit).

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[1] Detailed information concerning requirements in these subjects will be found in the special catalogue of the School.

5. Electives, to make 15 units in all, from the following subjects only:
   a. Solid Geometry (½ unit).
   b. Plane Trigonometry (½ unit)
   c. Languages (1 to 7 units additional).
   d. History (2 units additional).
   e. Physical Geography (1 unit).
   f. Biology (1 unit).
   g. Botany (1 unit).
   h. Zoology (1 unit).
   i. Physics (1 unit).
   j. Chemistry (1 unit).
   k. Economics (1 unit).
   l. Commercial Law (1 unit).
   m. Commercial Geography (1 unit).
   n. Bookkeeping (1 unit).
   o. Accounting (1 unit).
   p. General Science (1 unit).
   q. Mechanical Drawing (1½ units).
   r. Commercial Arithmetic (1 unit).

ENDOWED PROFESSORSHIPS AND LECTURESHIPS

The Baxley Professorship

By the will of Dr. Henry Willis Baxley, of Baltimore, who died March 13, 1876, a sum of money, amounting to $23,836.52, was received by the Trustees of the University to endow any medical professorship that they might think proper. This fund was kept intact and allowed to accumulate until it had reached the sum of $50,000. In 1901 the Trustees directed that the fund be set apart as a partial endowment of the Professorship of Pathology in the University, to be known as the Baxley Professorship of Pathology. The first incumbent was Dr. William H. Welch, who, on his resignation in 1917, was succeeded by Dr. William G. MacCallum.

The Caroline Donovan Professorship

Mrs. Caroline Donovan, of Baltimore, gave to the University in November, 1889, shortly before her death, the sum of one hundred thousand dollars to establish a professorship of English literature. The first incumbent is Dr. James W. Bright, who was designated Caroline Donovan Professor of English Literature in 1905. During the intervening years courses of lectures were given by resident and non-resident scholars devoted to study in this field.

The W. H. Collins Vickers Professorship

By the will of Mr. William H. Collins Vickers, of Baltimore, who died December 25, 1917, a sum of money, amounting to about $90,000, was given to the Trustees of the University to endow a professorship in Archæology to be known as The W. H. Collins Vickers Chair in Archæology. The first incumbent is Dr. David M. Robinson, who was appointed W. H. Collins Vickers Professor of Archæology in 1920.

The Percy Turnbull Memorial Lectureship

On May 6, 1889, Mr. and Mrs. Lawrence Turnbull, of Baltimore, founded a lectureship in memory of their son, Percy Graeme Turnbull, their purpose being to enable the University to offer an annual course of lectures on poetry by a lecturer to be chosen by the President of the University from among "properly qualified authors, writers, or professors of America or Europe." Twenty-four courses have been given on this foundation, the first in 1891.

The Herter Lectureship

Dr. and Mrs. Christian A. Herter of New York, gave to the University in November, 1902, the sum of $25,000 "for the formation of a memorial lectureship designed to promote a more intimate knowledge of the researches of foreign investigators in the realm of medical science." The income of the lectureship is $1,000. According to the terms of the gift,

some eminent worker in physiology or pathology is to be asked each year to lecture at the University upon a subject with which he has been identified. The selection of the lecturer is to be left to a committee representing the departments of pathology, physiological chemistry and clinical medicine, and "if in the judgment of the committee it should ultimately appear desirable to open the proposed lectureship to leaders in medical research in this country there should be no bar to so doing." Fourteen courses have been given on this foundation, beginning in 1904.

The James Schouler Lectureship

In March, 1908, Dr. James Schouler, of Boston, who had lectured in this University annually since 1891, announced his purpose to found a lectureship in the University, to be known as "The James Schouler Lectureship of History and Political Science." The endowment of the lectureship is $25,000. The donor expressed the wish that "such lectures be given annually if possible, * * * and that persons of promise or prominence be selected to lecture, who are capable of interesting as well as instructing an audience." The lectureship was inaugurated in April, 1909.

The Albert Shaw Lectureship

Dr. Albert Shaw, of New York, a graduate of this University, gives annually the sum of $250 as the honorarium of a lecturer on Diplomatic History. The lectures have been given before the advanced students of history and political science, beginning in 1898. The lecturers have, in most cases, been alumni of the University.

The George Huntington Williams Memorial Lectureship

In February, 1911, Mrs. George Huntington Williams, of Baltimore, her two sons, and Miss Cornelia Williams, of Utica, N. Y., gave to the University a fund to be known as the "George Huntington Williams Memorial Fund," to perpetuate the memory of Dr. George Huntington Williams, late Professor of Inorganic Geology and Petrography in this University. One-half of the income of the fund is to be devoted to promoting investigation in the department of Geology; the remaining half is to be used in securing a lecturer of distinguished attainments on some topic of widespread contemporary interest. The lectureship is to be called "The George Huntington Williams Memorial Lectureship." It was inaugurated in 1920.

The Charles E. Dohme Memorial Lectureship

In June, 1916, Mrs. Charles E. Dohme, of Baltimore, offered to pay annually the sum of $1,000.00 to the Trustees of the University to found a lectureship in memory of her deceased husband, Charles E. Dohme, the well-known pharmaceutical chemist of Baltimore.

The purpose of the lectureship is to promote the development of a more intimate relationship between chemistry, pharmacy, and medicine. The lectureship is open to scientists from any part of the world, and the

selection of the lecturer is made by a committee representing the departments of Pharmacology, Chemistry, and Medicine. The first lecturer—in October, 1922—was Professor H. J. Hamburger, of the University of Groningen, Holland.

THE JOHN A. J. CRESWELL MEMORIAL LECTURESHIP

The University received in October, 1920, from Mrs. John A. J. Creswell, of Cecil County, Maryland, the sum of twenty thousand dollars as a memorial to her husband, who was a statesman and lawyer of distinction. The income from this fund is to be applied to instruction or research in International Law, in such manner as may from time to time be deemed most advisable by the University authorities. The Trustees have accordingly established a lectureship to be known as the John A. J. Creswell Memorial Lectureship in International Law. The first incumbent is Professor John H. Latané, of this University.

In January, 1904, the Trustees decreed that certain chairs should bear the names of leading contributors to the Endowment Fund of 1902, as memorials of their liberality. In pursuance of this action four professorships have been thus designated: The B. N. Baker Professorship of Chemistry; the Francis White Professorship of Greek; the W. W. Spence Professorship of Semitic Languages; the Henry Walters Professorship of Zoölogy.

THE JOHNSTON SCHOLARSHIPS

These scholarships, of which there are three, known as the Henry E. Johnston Scholarship, the James Buchanan Johnston Scholarship, and the Henry E. Johnston Jr. Scholarship, were founded in 1904 by Mrs. Harriet Lane Johnston, of Washington, formerly of Baltimore, in memory of her husband and her two sons. They are awarded annually by the Trustees on the recommendation of the Academic Council. The stipend of each scholarship is fifteen hundred dollars per annum. They are offered primarily to young men who have given evidence of the power of independent research. The holders of the scholarships will be expected to devote themselves to study and research in their chosen subjects, though they may be required to do some teaching. Each one will be designated as the "Holder of the . . . Johnston Scholarship."

REGULATIONS

Candidates for the Johnston Scholarships must make application, in writing, to the President of the University *before the first of March.* The applications must be accompanied by such evidence of the candidate's fitness as they may be able to present. The President will refer the papers to the

Academic Council, by whom the nominations will be made to the Board of Trustees at their meeting early in April.

Holders of the scholarships may not engage in teaching elsewhere.

The scholars will be appointed for one year; but, if their work prove satisfactory, they will generally be reappointed.

FELLOWSHIPS *

FELLOWSHIPS BY COURTESY

The Academic Council may, at their discretion, by special vote, enroll as Fellows by Courtesy—

(*a*) Persons who are, or who have been, teachers in colleges and other like institutions, and who wish, for brief periods, to avail themselves of the opportunities here afforded for study and for the use of books and laboratories.

(*b*) Holders of fellowships in other colleges, during their residence here.

(*c*) Those who have been fellows of this University and desire to continue in residence.

Fellows by Courtesy will not be exempt from the payment of fees, except by special vote.

THE ADAM T. BRUCE FELLOWSHIP

This fellowship was founded in 1887 by the mother of Adam T. Bruce, Ph. D., late fellow and instructor in this university, as a memorial of her son, and is awarded annually. It is bestowed by the appointing board upon the candidate whom they consider most likely to promote biological science, and especially animal morphology, by original research. The stipend is the income of the Adam T. Bruce Fellowship endowment of ten thousand dollars. Preference is given to those who have already held fellowships in the Johns Hopkins University.

The electors consist of the President of the University, the chief instructor in animal morphology, the chief instructor in animal physiology, and a non-resident member annually chosen by the resident electors.

REGULATIONS

Candidates for the Bruce Fellowship must make application, in writing, to the President of the University *before the first of March.* They must forward to the President, at the same time, such evidence of their qualifications for appointment as they desire to be considered by the electors, who may require any candidate to appear before them in person.

The Bruce Fellow shall devote his time to study and research in biology at a place approved by the President of the University, and he shall, during the month of February in the year of his tenure of the fellowship, send to

* In the Philosophical Department. For fellowships in School of Hygiene, see page 313.

the President a written statement of the scientific work accomplished by him since his appointment.

The tenure of the fellowship shall commence on the first of September.

Two hundred and fifty dollars shall be paid to the Fellow on October 1, and the remainder at convenient intervals during the tenure of the fellowship.

The holder shall not be more than thirty years of age at the date of his election.

The Bruce Fellow may be re-elected, but not oftener than twice, and he shall be exempt from charges for tuition.

The electors shall have the power to declare the fellowship vacant, if its holder prove, in their opinion, unworthy; and no further stipend shall be paid to such person.

The successful candidate is expected to signify his acceptance *not later than April* 15.

THE WILLIAM S. RAYNER FELLOWSHIP

The Rayner Fellowship was founded in 1899 by Mrs. Bertha Rayner Frank and Mr. Albert W. Rayner, of Baltimore, to perpetuate in this University the name of their father, Mr. William S. Rayner, who had made unusual attainments in the Hebrew language and was interested in the promotion of Semitic studies. The gift amounted to ten thousand dollars, and the income is available for a fellowship, which is bestowed annually by the Academic Council upon an advanced student in the department of Semitic Languages. Applications must be addressed to the President of the University, in writing, *before March 1.* The successful candidate is expected to signify his acceptance *not later than April 15.*

THE EDMUND LAW ROGERS FELLOWSHIP

This endowment, the amount of which is ten thousand dollars, was established in 1910 by Mrs. Edmund Law Rogers and her daughter, Mrs. Kirby Flower Smith, in memory of the late Edmund Law Rogers, of Baltimore, and is known as the Edmund Law Rogers Fellowship.

The fellowship, to which the University has added the privilege of exemption from tuition fees, is awarded annually for proficiency in both the Greek and Latin languages and literatures. The candidate must have had at least two years of graduate study in the Johns Hopkins University, or have satisfied the examiners of his training and ability by written examinations and the submission of a thesis. Application must be made *prior to March 1,* in writing to the President of the University. The successful candidate is expected to signify his acceptance *not later than April 15.*

THE GEORGE HUNTINGTON WILLIAMS MEMORIAL FELLOWSHIP

It is expected that the "George Huntington Williams Memorial Fund" will provide for a fellowship in the department of Geology, to be known as the "George Huntington Williams Memorial Fellowship."

THE CHARLES A. W. VOGELER MEMORIAL ARCHAEOLOGICAL FUND

Mr. Charles A. W. Vogeler, a former student of the Johns Hopkins University, who died on March 21, 1919, bequeathed the sum of $5,000 to the Trustees to be used for research in Greek Archæology. It has been decided that the fund shall be placed at the disposal of the department of Archæology and Art, the income to be used for a fellowship—in which case the University will add the privilege of exemption from tuition fees, —or for research abroad, or for any other purpose that the department may deem proper.

THE DU PONT FELLOWSHIPS

The E. I. du Pont de Nemours Company has given to the University annually since 1918 the sum of fifteen hundred dollars to establish two graduate fellowships in the department of Chemistry.

SCHOLARSHIPS FOR GRADUATE STUDENTS *

UNIVERSITY SCHOLARSHIPS

For the encouragement of scholarship among those who have received the baccalaureate degree, and wish to continue their studies here, a number of University Scholarships are annually bestowed, as stated below:

1. Fifteen scholarships are open about the first of January to graduates of this or of other institutions who have been studying here during the previous part of the session. Those who wish to be candidates must make formal application to the President, *about December 15*, stating where they have been previously trained and what studies they have pursued in this University. He will appoint a committee of five to consider the applications, and, with the aid of such evidence as may be obtained, to make nominations to the Board of University Studies.
2. These scholarships entitle the holders to free tuition and are tenable for one year. They do not carry exemption from laboratory fees.
3. They are awarded as honors, and those who are disposed, for the benefit of others or for any other reason, to waive the pecuniary emolument, or who are desirous of studying elsewhere, may do so and still have their names retained on the honor list. Those who receive the emolument will be expected to pursue their studies exclusively in this University.
4. The Board will reserve appointments if worthy candidates do not offer.

* For scholarships in the School of Medicine, School of Hygiene and Public Health, and School of Engineering, see pages 308, 313, 318, respectively.

HOPKINS SCHOLARSHIPS

In the will of the founder of this University, his Trustees are requested to "establish, from time to time, such number of free scholarships in said University as may be judicious, and to distribute the said scholarships among such candidates from the States of Maryland, Virginia, and North Carolina, as may be most deserving of choice, because of their character and intellectual promise, and to educate the young men so chosen free of charge."

In accordance with this request thirty scholarships, entitling the holders to free tuition for one year, are offered to graduate students from Maryland, Virginia, and North Carolina. In addition to these, the Trustees have established ten similar scholarships which are open to graduate students from States of the South and Southwest other than those named.

The scholarships, known as Hopkins Scholarships, are bestowed for merit and awards are made by the Academic Council in April of each year. Students can be recognized as candidates only when legal residents of the State from which they desire to be appointed. Holders of scholarships are eligible for re-election, but must make formal application. Application, in accordance with a prescribed form, must be filed at the president's office *before March 1.* Successful candidates are expected to signify their acceptance *not later than April 15.*

Those who are disposed for any reason to waive the pecuniary emolument may do so, and still have their names retained on the honor list. Scholarships may be forfeited because of frequent or prolonged absence, defective scholarship, or unworthy conduct. Holders are not exempt from laboratory fees.

THE A. MARSHALL ELLIOTT ROMANCE SCHOLARSHIP

The will of the late Professor A. Marshall Elliott, who died in 1910, contains the following provision: "I give and bequeath to the Johns Hopkins University, a body corporate, the sum of two thousand dollars to be used for the establishment of a scholarship for graduate students to be known as "The A. Marshall Elliott Romance Scholarship in the Johns Hopkins University."

The scholarship thus established is awarded annually, just before the Christmas recess, by the Academic Council, to one of the students in Romance Languages who at the time are in their first year of graduate work. The emolument of the scholarship is the income of the endowment during the preceding year, about one hundred dollars.

THE GEORGE PEABODY SCHOLARSHIP

The George Peabody Scholarship was founded in 1912 by the Trustees of the Peabody Education Fund, who, in partial preparation for the closing of the Trust, presented to the University a gift amounting to six

thousand dollars. This sum is to be held and used as the endowment of a Peabody Scholarship in the Department of Education.

The scholarship is open to men and women who are residents of "The Southern and Southwestern States of our Union," including Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, South Carolina, Tennessee, Texas, Virginia and West Virginia. It is offered to candidates who can give evidence of a liberal education, such as the diploma of a college of good repute, and who intend to continue work in education, preferably in connection with a system of public schools in the territory mentioned above. Application must be made to the President of the University *prior to March 1.* There is no prescribed form. The successful candidate is expected to signify his acceptance *not later than April 15.*

The income of the scholarship is two hundred and seventy dollars per annum. The incumbent is expected to pay tuition and laboratory fees, and is eligible for reappointment.

WALTER COTTRELL QUINCY FUND

Mrs. Martha R. Quincy, formerly of Pittsburgh, provided by will for a legacy to the University of $20,000, to establish the "Walter Cottrell Quincy Fund," the annual income of which is to be equally divided among four meritorious students in the department of Physics to be selected by the President of the University. This fund was established in 1914.

WILLIAM H. GRAFFLIN SCHOLARSHIP

The Grafflin Scholarship was established in 1918 by a bequest of the late William H. Grafflin, of Baltimore, and is offered to advanced students who desire to conduct research in industrial chemistry. The income of the scholarship is one thousand dollars per annum.

SCHOLARSHIPS FOR FOREIGN STUDENTS

The Trustees have established five scholarships, yielding free tuition, for the benefit of graduate students from Latin-American republics and two for graduate students from Belgium; five scholarships of the same value to students from France, three to Mexican students, five to Russian students, three to Persian students, one to a Polish student, and one to a student from Czechoslovakia—the last eighteen open to graduates or undergraduates.

SCHOLARSHIPS FOR UNDERGRADUATES

HOPKINS SCHOLARSHIPS

Sixteen "Hopkins Scholarships," established in accordance with directions contained in the will of the founder of the University, are open to residents of the State of Maryland. They entitle the holders to free tuition, but do not carry exemption from laboratory fees. They are tenable for the year subsequent to the appointment, the holders being re-eligible. Successful candidates who are disposed, for the benefit of others or for any other reason, to waive the pecuniary emolument, may do so, and still have their names retained on the honor list. The scholarships may be forfeited because of frequent or prolonged absence, defective scholarship, or unworthy conduct. These scholarships are awarded by the Board of Collegiate Studies, in accordance with the following regulations:

1. Four scholarships are open, at the beginning of the session, to entering students who are fully matriculated, and who stand best in a special examination in Mathematics and the foreign languages offered for matriculation. [*The examination in* 1924 *will be held September* 19. *Candidates must make written application to the Registrar not later than September* 12.]

2. Four are awarded in June to matriculated students whose records in the studies of the first year are most creditable. By "studies of the first year" is meant either the studies laid down for the first year in one of the suggested combinations, or such other studies, equivalent in amount, as may be approved of by the Committee on Scholarships and Honors.

3. Four are awarded for excellence in the studies of the second year, upon the same terms as in the case of the first year, provided that the candidates shall have absolved the studies of the first year as above defined.

4. Four are awarded for excellence in the studies of the third year upon the same terms as in the case of the second year, provided that the candidates shall have absolved the studies of the first and second years.

WASHINGTON SCHOLARSHIPS

The Trustees offer to residents of the District of Columbia two scholarships yielding free tuition. These, like the Hopkins Scholarships, are awarded to undergraduate students for merit, do not carry exemption from laboratory fees, and are tenable for one year, the holders being eligible for reappointment.

WOODYEAR SCHOLARSHIPS

Mrs. William E. Woodyear, of Baltimore, gave to the Trustees in 1893, as a memorial of her husband, the sum of ten thousand dollars, in order to provide for the annual bestowal of five scholarships, of one hundred dollars each, under such conditions as the Trustees may from time to time prescribe. At present they are awarded to young men who are known to the President of the University to be in need of pecuniary assistance, and who, at the same time, have given evidence of character and ability.

MARYLAND SCHOLARSHIPS

Twenty "Maryland Scholarships" are annually offered to residents of this State who wish to pursue general courses in the arts and sciences. They entitle the holders to free tuition, but do not carry exemption from laboratory fees. The appointments are made for a single year, but the holders are eligible for reappointment. The scholarships are for the benefit of all parts of the State, and, accordingly, not more than one-half the number are awarded to residents of the city of Baltimore, and not more than one-half to those who are already members of the University. The appointing board consists of the President of the Board of Trustees, the President of the University, and the Dean of the College Faculty.

Applicants must be fully matriculated and must make application in accordance with a prescribed form, accompanied by testimonials certifying to their character and pecuniary need. In the case of new students the scholastic standing is taken into consideration, preference being given to those who have taken the competitive examination for Hopkins Scholarships. In the case of resident students, their college records during the previous session serve as the basis of selection. *Resident students must apply before June 1; new students not later than September 15.*

THE ELI M. LAMB MEMORIAL SCHOLARSHIP

The Alumni Association of the Friends' School of Baltimore gave to the University in 1916 a fund of twelve hundred and fifty dollars, to establish a scholarship to be known as the "Eli M. Lamb Memorial Scholarship." The income is fifty dollars per annum, to which the Trustees add free tuition to the extent of fifty dollars. The scholarship is offered to undergraduates prepared at the Friends' School, of which Mr. Lamb was the founder and for many years the active head.

THE A. Z. HARTMAN MEMORIAL SCHOLARSHIP

Under the will of the late Mrs. Susan M. Hartman, of Baltimore, the University received in 1917 a sum of money with which to establish a scholarship in memory of her husband, the late A. Z. Hartman, for many years Professor of Greek and Latin in the Baltimore City College. The income is $200.00.

THE Z. MORTON KATZ MEMORIAL SCHOLARSHIP

The friends of Z. Morton Katz, of Baltimore, formerly a student in this University, who lost his life in the battle of Montfaucon in France, have established a memorial scholarship to be awarded annually to a member of the graduating class of the Baltimore City College, on the ground of superior character and scholarship, preferably to a student who would not otherwise be financially able to enter the University. The value of the scholarship is $150.00.

HORTENSE G. MOSES SCHOLARSHIP

The Federation of Jewish Women's Organizations has established the "Hortense G. Moses Scholarship for the Encouragement of Hebrew Learning," to be awarded annually to the student doing the best work in elementary Hebrew. The value of the scholarship is one hundred dollars.

BALTIMORE CITY COLLEGE ALUMNI SCHOLARSHIP

The Alumni Association of the Baltimore City College offers annually a scholarship to a graduate of that school.

JUMBLE-INN SCHOLARSHIPS

The Jumble-Inn Scholarships were established in 1920 by the gift of a fund to the University from the Jumble-Inn Committee, Mrs. Sumner A. Parker (Chairman), Mrs. Walter Wickes, Mrs. W. W. Keith, Mrs. James H. Preston, Mrs. Julian Ridgely, Mrs. William McMillan, and Miss Sarah Fischer. The income of the fund only is to be used for the benefit of women teaching in the elementary public schools of Baltimore who are residents of the city, and who are pursuing instruction in the College Courses for Teachers as candidates for the degree of Bachelor of Science. One scholarship is available for the Summer Courses. Preference in every award is to be given to those in need of financial assistance in completing a college course. Application should be made to the President of the University.

SCHOLARSHIPS FOR FOREIGN STUDENTS

Five scholarships yielding free tuition are offered to undergraduate or graduate students from France, three from Mexico, five from Russia, three from Persia, one from Poland, and one from Czechoslovakia.

ENGINEERING SCHOLARSHIPS

One hundred and eight scholarships are offered to undergraduate students in the School of Engineering, besides twenty-one to graduates of Maryland colleges. For further information see pages 318 and 319.

MARYLAND NATIONAL GUARD SCHOLARSHIPS

Two scholarships yielding free tuition are offered to undergraduate students in the College of Arts and Sciences, the School of Engineering, and the School of Business Economics, who are members of the Military Department of the State of Maryland.

PRIZES

THE JOHN MARSHALL PRIZE

This prize was established in 1891 by a lady living in New England. It consists of a bronze replica of a likeness of Chief Justice Marshall, and is awarded annually by the Academic Council to that graduate of the Johns Hopkins University who has made within the year the most valuable contribution to historical or political science.

THE HENRICO MEDALLION

This prize is the gift (made in 1902) of the Colonial Dames of America, Chapter I, and consists of a copper medallion bas-relief commemorating the foundation of a university at Henrico, in Virginia, in the year 1619. It is bestowed in alternate years upon a graduate or student of the Johns Hopkins University, not more than ten years after his receiving the degree of Bachelor of Arts, as a recognition of special excellence in early American History.

THE TOCQUEVILLE MEDAL

The Tocqueville medal has been offered annually since 1898 by the Baron Pierre de Coubertin, of Paris, and is awarded by the University to that student who shall have delivered the best speech in a contest in public speaking held annually in the second half-year. In this contest each speaker discusses some phase of a general topic, announced some weeks previously, chosen from the field of French history, politics, or literature in the nineteenth century. The speeches are delivered in English. The medal is given in honor of the illustrious Frenchman, Alexis de Tocqueville (1805-1859), author of the well-known historical and political studies "Ancien Régime" and "Démocratie en Amérique."

THE SYLVESTER PRIZE

The Sylvester Prize is the gift of several Baltimore gentlemen, and is offered to advanced students of mathematics as a reward for original research. It consists of a medallion likeness of Professor J. J. Sylvester, the first professor of mathematics in this University.

THE SEVERN TEACKLE WALLIS MEMORIAL PRIZE

The Severn Teackle Wallis Memorial Prize was established in 1905 by the Wallis Memorial Association of Baltimore. It consists of about fifty dollars in money, and is offered to an undergraduate or a graduate student of the University for an essay on some subject connected with Spanish Literature or History, or for some original work done in either of said subjects. Essays must be submitted *before May 1.*

THE ADAMS PRIZES AND MEDAL

The Trustees set aside annually the sum of fifty dollars for the purchase of books to be awarded as prizes to the undergraduates who are successful in the annual public debates between members of the two higher classes. These prizes, which were originally offered by the late Professor Herbert B. Adams, are known as the Adams Prizes.

A gold medal known as the Adams Medal is also awarded annually to the best speaker in the public contest participated in by members of the second-year undergraduate class.

TUITION FEES AND EXPENSES

A. IN THE PHILOSOPHICAL DEPARTMENT AND THE SCHOOL OF ENGINEERING

Enrollment Fees

All students are required at entrance to pay an enrollment fee of $5.00 and deposit $10.00 as caution money, the latter being repaid to them when they leave the University, if there are no charges against them. For late registration [1] an additional fee of $3.00 is exacted.

Tuition Fee [2]

The tuition fee for students in the College of Arts and Sciences, the School of Engineering, and the School of Business Economics is $250.00 per annum, except for those who entered prior to October, 1921, who are charged $200.00. Students attending Graduate Courses pay $150.00. The fee is payable in two installments, on days of enrollment in October and February, and no student is at liberty to attend classes until he has settled with the Treasurer. There is no additional charge for the use of the library or reading room.

Special Undergraduate Fees

A fee of $10.00 is annually charged to every undergraduate, in return for which he receives the use of the Homewood field and tennis courts, including locker and towel-service, and admission to all athletic contests at Homewood in which the University students participate. The money thus derived is devoted to defraying the expenses of the University Athletic Association.

Each undergraduate is also charged an annual fee of $10.00 for the support of non-athletic activities, and this covers subscription to all student publications, admission to dramatic and musical entertainments, Y. M. C. A. membership, etc.

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[1] Late registration means failure to report immediately to the Registrar on entering or returning to the University.

[2] For further details as to fees see the special catalogues of the undergraduate schools.

Fees are charged, as below stated, for material consumed in the laboratories and for diplomas.

No deduction is made at the Treasurer's office because of absence for a period of less than half a year, or because a student gives only a part of his time to study, or because he belongs to but one class. Prompt payment of fees is required.

Students withdrawing from the University, or from a course, must at once notify the several instructors concerned, as well as the Registrar; otherwise they will be liable to the full charge for tuition or laboratory work.

Fees for Limited Attendance on Graduate Courses [1]

Persons who are able to give only a portion of their time to study, and who are prepared to undertake graduate work, are permitted to attend lectures, not exceeding six weekly, on the payment of $12.00 a year for each hour per week, in addition to the enrollment fee of $5.00 (payable once only, at entrance) and the deposit of $10.00 as caution money. Persons attending more than six hours weekly will be required to pay the full tuition. Work in a laboratory may be taken by such persons as are not attending more than three lectures per week, upon payment, in advance, of the regular laboratory fee.

A candidate for the degree of Master of Arts or of Doctor of Philosophy, who is permitted, while in attendance at the University, to follow courses in a local Law School, may, provided his lectures at this University do not exceed six hours per week, enroll under the above provision, but for not more than one year; and this year may not be that in which the candidate intends to present himself for examination.

Fees for the College Courses for Teachers

The charge for instruction is $12.00 a year for each hour of instruction, payable in semi-annual installments of $7.00 and $5.00 in October and February, respectively. Two or three hours of laboratory work, varying with the course, are charged as one hour of recitation or lecture. Students in all other divisions of the University, paying full tuition or on scholarship appointment, are permitted to register in any courses given in the College Courses for Teachers without payment of additional tuition fees, though they are subject to fees for laboratory work. Students registering after Saturday, October 18, or after Monday, February 9, will be subject to an additional fee of $3.00 for late registration.

The matriculation fee for the degree of Bachelor of Science is $5.00, payable at the time of matriculation.

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[1] A candidate for the degree of Master of Arts or of Doctor of Philosophy enrolled at any time for part-time work must have paid, before receiving the degree, university fees amounting to $300.00 or $450.00 respectively, as required of full-time students.

Fees for the Summer Courses

The enrollment fee of $3.00 is payable by each student each summer. The tuition fee is $35.00, payment of which entitles the student to attend as many as three courses. An additional course may be attended, with the approval of the Director, on the payment of an extra fee of $14.00. (Under very exceptional circumstances, a student may register in one course only. The tuition fee in such cases will be $22.00.) The fee for the use of the tennis courts at the athletic field, including towel service, is $2.00. Additional fees are required for materials used in some of the courses. No reduction of fees will be allowed for late entrance or for withdrawal. For late registration a fee of $3.00 will be charged. Registration may be made, in advance, by mail prior to June 30; after this date in person only.

Checks will be received in payment of fees when drawn for the exact amount to the order of the Johns Hopkins University. For the convenience of students while in residence at the University, the Treasurer will receive out-of-town checks and drafts for payment upon collection. There is no charge for this service.

Fees for Evening Courses

For the Courses in Business Economics and for Technical Workers the fees are on the basis of $10.00 for each hour of instruction through the year.

Laboratory Charges

In Chemistry: For undergraduates and for graduates who take Chemistry as a subordinate subject, $24.00 a year; for graduates and special students following Chemistry as their principal subject, and for fourth-year undergraduates in Chemistry, $36.00 a year. For a half-year, one-half of these amounts.

In Physics: For students who work two afternoons a week, $24.00 a year; for those who take Physics as their principal subject, $36.00 a year. For a half-year, one-half of these amounts.

In Biology: For undergraduates and for graduates who take Zoology, Botany, or Physiology as a subordinate subject, $24.00 a year; for graduates and special students following a biological science as their principal subject, $36.00 a year. For a half-year, one-half of these amounts.

In Geology: $10.00 a year; for a half year, one half of this amount. Students taking courses in Geology are expected to take part in a series of excursions, and to pay their personal expenses, which will amount to about $20.00.

In Engineering: For third-year and fourth-year students in engineering subjects, $24.00 a year ($12.00 for a half-year); for candidates for advanced degrees $36.00 a year.

In all the laboratories, a charge is made for breakage and for apparatus not returned in good condition.

Instructors and Assistants pursuing courses with reference to higher degrees will pay such fees as may be agreed upon at the time of appointment.

Fellows by Courtesy and others who have the privileges of guests in the various laboratories, are expected to pay the usual laboratory charges.

Doctors of Philosophy of this University who desire to remain for a time in the University after having received their diplomas, may do so without charge for tuition, but they are required to pay the usual laboratory fees.

Exception to the foregoing charges can be made only at the written request of the Director of a laboratory, approved by the President of the University.

Graduation Fees

The graduation fees are as follows, payable before the delivery of diplomas:

Doctor of Philosophy,	$10.00
Doctor of Engineering,	10.00
Master of Arts,*	10.00
Master of Engineering,*	10.00
Bachelor of Arts,	5.00
Bachelor of Engineering,	5.00
Bachelor of Science,	5.00
Bachelor of Science in Economics,	5.00

B. IN THE MEDICAL DEPARTMENT

The charge for tuition is $300.00 per annum, payable in three instalments, October 1, December 17, and March 11. There are no extra charges, except for rental of microscope, laboratory breakage, and certain expensive supplies. A deposit of $10.00 is required from each student at the time of enrollment. This "caution money" is repaid when the student leaves, if there are no charges against him.

Bills may be paid at the Dean's office, or at the office of the Treasurer of the University at Homewood.

C. IN THE SCHOOL OF HYGIENE AND PUBLIC HEALTH

The charge for tuition in the courses leading to a degree is $250 per annum, payable at the office of the Director, in three instalments, one at the beginning of each trimester. For students taking special courses the charge for one trimestral course, including laboratory work, is $50.00 The charge for shorter courses will be arranged on application.

* If a Master of Arts or of Engineering proceeds to the degree of Doctor of Philosophy or of Engineering, he will be charged but $5.00 additional for that degree.

LIVING ACCOMMODATIONS

The first unit in the dormitory system was ready for occupancy in September, 1923, and provides for approximately one hundred and fifty students. The dormitory catalogue contains detailed information regarding rooms and charges. Students may also find homes in the vicinity—in boarding houses and with families. There are several fraternity houses where students may reside.

Lists of desirable places are kept by the Secretary of the University Branch of the Young Men's Christian Association, by the Registrar of the Medical School, and by the Secretary of the School of Hygiene.

BUREAU OF APPOINTMENTS

The University Bureau of Appointments, authorized by the Trustees, is under the supervision of a committee of the faculty, the members of which are Professors E. F. Buchner, J. C. French, and E. B. Mathews. Professor French is the Director.

The Bureau maintains a file in which are registered all present and former students who care to avail themselves of its assistance in finding suitable employment. It is successful, year by year, in placing numbers of students in academic and business positions. The Bureau also records the names of resident students who desire to contribute to their own support by part-time and vacation work, and endeavors to secure for them employment as teachers, tutors, or salesmen in Baltimore. So far as its resources permit it gives vocational guidance to undergraduates, and keeps lists of books helpful to students who are selecting a vocation.

The services of the Bureau are offered, without charge, to all students and former students of the University. There are no fees for its service to employers.

SUMMARY OF THE FACULTY

President and Professors,	78
Clinical Professors,	7
Associate Professors,	58
Assistant Professors,	3
Associates,	78
Instructors and Assistants,	165
	389
Lecturers for the year,	18
Additional Instructors in College Courses for Teachers, Courses in Social and Business Economics, Night Courses for Technical Workers, and Summer Courses,	90

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

UNITED STATES

	Graduate School of Arts and Sciences	School of Medicine	School of Hygiene and Public Health	College of Arts and Sciences	School of Engineering	College Courses for Teachers	School of Business Economics	Summer School	Social Economics	Evening Courses in Business Economics	Night Courses for Technical Workers	Total *	Total †
Alabama,	3	9	..	..	..	1	..	..	..	..	..	12	13
Arizona,	..	..	..	1	..	..	..	..	..	..	..	1	1
Arkansas,	1	4	..	..	..	..	..	..	..	..	..	5	5
California	1	9	2	1	..	..	..	..	..	..	..	13	13
Colorado,	1	2	..	..	..	..	..	..	..	..	..	3	3
Connecticut,	..	8	3	2	..	..	..	..	..	..	..	13	13
Delaware,	1	2	..	..	..	..	..	7	..	..	..	3	10
District of Columbia,	10	7	2	9	2	..	1	2	..	..	..	30	33
Florida,	1	7	..	1	..	..	..	5	1	..	..	9	15
Georgia,	5	11	4	..	..	1	..	1	1	..	..	20	23
Hawaii,	..	1	..	..	..	..	..	..	..	..	..	1	1
Idaho,	1	1	..	..	..	..	..	..	..	..	..	2	2
Illinois,	5	10	2	3	..	..	..	1	..	..	..	20	21
Indiana,	1	5	..	1	..	..	..	..	1	..	..	7	8
Iowa,	..	4	..	..	..	..	..	1	..	..	..	4	5
Kansas,	4	2	3	..	..	..	..	1	2	..	..	9	12
Kentucky,	2	9	1	3	..	..	..	..	1	..	..	15	16
Louisiana,	2	2	..	..	..	..	..	2	1	..	..	4	7
Maine,	1	2	..	..	..	1	..	..	..	..	..	3	4
Maryland,	212	68	22	278	216	1132	46	676	30	631	308	841	3619
Baltimore (included in Maryland)	(166)	(50)	(17)	(230)	(149)	(1118)	(40)	(413)	(28)	(580)	(278)	(652)	(3069)
Massachusetts,	9	6	9	1	..	2	..	..	1	..	..	22	28
Michigan,	4	3	5	1	..	..	..	1	..	..	..	13	14
Minnesota,	2	2	1	..	..	1	..	..	..	..	..	5	6
Mississippi,	1	2	4	..	..	1	..	1	..	..	..	7	9
Missouri,	4	4	1	..	..	..	..	1	..	..	..	9	10

	Graduate School of Arts and Sciences	School of Medicine	School of Hygiene and Public Health	College of Arts and Sciences	School of Engineering	College Courses for Teachers	School of Business Economics	Summer School	Social Economics	Evening Courses in Business Economics	Night Courses for Technical Workers	Total *	Total †
Montana,	..	..	2	..	..	..	..	..	..	..	..	2	2
Nebraska,	..	..	3	..	..	..	..	..	..	..	..	3	3
New Jersey,	3	8	2	3	2	2	..	..	..	..	..	18	20
New York,	10	20	7	10	1	7	..	3	1	..	..	47	59
North Carolina,	5	8	1	2	1	..	..	3	..	..	..	17	20
North Dakota,	1	1	..	1	..	..	..	..	..	..	..	3	3
Ohio,	6	10	15	6	..	..	..	2	..	..	..	37	39
Oklahoma,	..	1	..	..	..	..	..	..	..	..	..	1	1
Oregon,	..	4	2	..	..	..	..	..	..	..	..	6	6
Pennsylvania,	13	23	3	11	1	5	..	15	2	..	..	50	73
Philippine Islands,	..	..	5	..	..	..	..	..	..	..	..	5	5
Porto Rico,	..	..	..	3	..	2	..	1	..	..	..	3	6
Rhode Island,	1	4	3	..	..	1	..	..	..	..	..	8	9
South Carolina,	2	9	2	..	1	..	1	4	..	..	..	14	19
Tennessee,	3	5	..	2	..	2	..	..	..	..	..	10	12
Texas,	2	13	7	2	..	..	..	1	..	..	..	24	25
Utah,	..	2	1	..	..	..	..	..	..	..	..	3	3
Vermont,	2	1	..	..	..	..	..	..	..	..	..	3	3
Virginia,	16	18	8	6	..	4	..	18	4	..	1	47	75
Washington,	3	2	1	1	..	1	..	..	..	..	..	7	8
West Virginia,	3	7	..	5	1	..	..	5	2	..	..	16	23
Wisconsin,	2	4	2	1	..	..	..	..	..	..	..	9	9
FOREIGN COUNTRIES													
Austria,	..	..	..	1	..	..	..	..	..	..	..	1	1
Brazil,	..	..	10	..	..	..	..	..	..	..	..	10	10
Canada,	..	1	6	1	..	..	..	..	..	..	..	8	8
China,	4	6	5	2	..	2	..	1	..	..	..	17	20
Colombia,	..	..	1	..	..	..	..	..	..	..	..	1	1
Costa Rica,	..	..	2	..	..	..	..	..	..	..	..	2	2
Czechoslovakia,	..	..	4	..	..	..	..	..	..	..	..	4	4
England,	..	..	..	1	..	..	..	..	..	..	..	1	1
France,	..	..	2	..	..	..	..	1	..	..	..	2	3
Holland,	..	..	2	..	..	..	..	..	..	..	..	2	2
Hungary,	..	..	6	..	..	..	..	..	..	..	..	6	6
India,	..	..	7	..	..	..	..	..	..	..	..	7	7
Japan,	..	..	3	..	..	..	..	..	..	..	..	3	3
Java,	..	..	2	..	..	..	..	..	..	..	..	2	2
Korea,	..	..	1	..	..	..	..	..	..	..	..	1	1
Norway,	..	1	..	..	..	..	..	..	..	..	..	1	1
Palestine,	..	1	..	..	..	..	..	..	..	..	..	1	1
Peru,	..	1	2	..	..	..	..	..	..	..	..	3	3
Poland,	..	..	10	..	..	..	..	..	..	..	..	10	10
Russia,	..	..	..	..	4	..	..	..	..	..	..	4	4
South Africa,	..	1	1	..	..	..	..	..	..	..	..	2	2
Siam,	..	..	4	..	..	..	..	..	..	..	..	4	4
Spain,	..	..	2	..	..	..	..	..	..	..	..	2	2
Total,	347	331	193	359	229	1165	48	753	47	631	309	1498	4412

* Including Graduate School, Medical School, School of Hygiene, College of Arts and Sciences, School of Engineering, and School of Business Economics. Excluding duplicate registrations.

† Including duplicate registrations in all Schools and Courses.

SUMMARY OF STUDENT ENROLLMENT, 1923-24

I.	GRADUATE SCHOOL OF ARTS AND SCIENCES:		
	1. Fellows by Courtesy,	14	
	2. Fellows,	11	
	3. Other Students following Graduate Courses:		
	Full-Time,	201	
	Part-Time,	121	
			347
II.	SCHOOL OF MEDICINE:		
	1. Candidates for the Degree of Doctor of Medicine,	302	
	2. Attendants on Special Courses, Summer of 1923,	29	
			331
III.	SCHOOL OF HYGIENE AND PUBLIC HEALTH:		
	1. Fellow by Courtesy,	1	
	2. Fellows,	58	
	3. Candidates for Higher Degrees,	62	
	4. Candidates for the Bachelor's Degree,	7	
	5. Candidates for the Public Health Certificate,	14	
	6. Special Students,	44	
	7. Students in Intensive Courses,	7	
			193
IV.	COLLEGE OF ARTS AND SCIENCES:		
	1. Candidates for the Bachelor's Degree,	352	
	2. Special Students,	7	
			359
V.	SCHOOL OF ENGINEERING:		
	1. Candidates for Higher Degrees and Special Graduate Students,	3	
	2. Candidates for the Bachelor's Degree:		
	a. College Graduates,	1	
	b. Undergraduates,	222	
	3. Special Undergraduate Students,	3	
			229
VI.	COLLEGE COURSES FOR TEACHERS:		
	1. Candidates for the Bachelors' Degree,	116	
	2. Special Students,	1025	
	3. Students in Extension Courses,	24	
			1165
VII.	SCHOOL OF BUSINESS ECONOMICS:		
	1. Candidates for Degree of Bachelor of Science in Economics,	47	
	2. Special Students,	1	
			48
VIII.	SUMMER COURSES, 1923,		753
IX.	SOCIAL ECONOMICS:		
	1. Graduate Students,	16	
	2. Special Students,	31	
			47
X.	EVENING COURSES:		
	1. Business Economics,	631	
	2. Technical Subjects,	309	
			940
	Total receiving instruction, 1923-24,		4412
	Counted more than once,		529
	Net total,		**3883**

GRADUATE STUDENTS BY COLLEGES *

Alabama Polytechnic Inst.,	2	De Pauw University,	1
Alabama, University of,	7	Detroit College of Medicine,	1
Albright College,	1	Dickinson College,	4
Allahabad University (India),	2	Edinburgh, University of,	1
Allegheny College,	2	Emory and Henry College,	2
Amherst College,	2	Emory University,	5
Arizona, University of,	4	Faculty of Medicine (Bahia, Brazil),	6
Ateneo de Manila (P. I.),	1	Faculty of Medicine (Rio de Janeiro, Brazil),	4
Bahia Gymnasium (Brazil),	2	Fargo College,	1
Baldwin-Wallace College,	1	Florida State College,	1
Barnard College,	2	Florida, University of,	1
Baylor Medical College,	2	Fordham University,	6
Bellevue College,	1	Franklin and Marshall College,	6
Beloit College,	3	Furman University,	1
Berea College,	1	George Washington University,	7
Bethel College,	1	Georgia, University of,	1
Birmingham University (Engl.),	1	Georgetown University,	1
Bombay, University of (India),	2	Gettysburg College,	3
Boston University,	2	Ghent, Unviersity of,	1
Bowdoin College,	1	Gonzaga University (La.),	1
Bridgewater College,	2	Goucher College,	46
Brown University,	8	Grove City College,	1
Bryn Mawr College,	10	Guilford College,	1
Bucknell University,	4	Hamilton College,	4
Budapest, University of,	6	Harvard University,	18
Butler University,	3	Harvard and Massachusetts Institute of Technology School of Public Health,	4
California, University of,	4	Haverford College,	5
Cambridge, University of,	1	Hollins College,	2
Cape Town, University of,	1	Hope College,	1
Capitol University,	1	Hunter College,	1
Carleton College,	1	Illinois, University of,	6
Catholic Univ. of America,	4	Illinois Wesleyan College,	1
Centre College,	2	Indiana University,	2
Charleston, College of,	2	Institute of San Isidro (Spain),	2
Chicago, University of,	14	Iowa State University,	2
Chulalongkorn, Univ. of (Siam),	4	Jamestown College,	1
Cincinnati, University of,	5	Jefferson Medical College,	2
Clark University,	4	Johns Hopkins University,	163
Clemson College,	3	Juniata College,	1
Colby College,	3	Kansas State Agricultural Coll.,	5
Colgate University,	2	Kansas State College,	1
College of Medical Evangelists,	1	Kansas, University of,	2
Colorado College,	2	Kentucky, University of,	5
Colorado, University of,	5	Kentucky Wesleyan College,	1
Colombia (S. A.), Nat'l. Univ. of,	1	Kenyon College,	3
Columbia University,	21	Kharkow, University of (Poland),	2
Cornell University,	12	King Edward's Medical College (Lahore, India),	2
Costa Rican Lyceum,	2	Lafayette College,	8
Cracow University (Poland),	6		
Cumberland University (Tenn.),	1		
Dalhousie University,	1		
Davidson College,	4		
Delaware, University of,	2		

* Including Graduate School, Medical School, School of Hygiene, and School of Engineering.

La Grange College, - - - 1
La Salle College, - - - 1
Lebanon Valley College, - - 2
Lehigh University, - - - 3
Leiden, University of, - - 4
Leland Stanford Jr. University, 6
Lemburg University, - - 2
Lenoir College, - - - - 1
Lima, University of, - - - 2
Liverpool School of Tropical Medicine (England), - - - 1
Lombard College, - - - 1
Long Island College Hospital, - 3
Louisiana College, - - - 1
Loyola College, - - - - 1
Madrid, University of, - - 2
Marietta College, - - - 3
Marion Institute, - - - 1
Maryland, University of, - - 5
Massachusetts Institute of Technology, - - - - - 4
McGill University, - - - 3
Medical College of Ohio, - - 1
Mercer University, - - - 2
Michigan Agric. College, - - 3
Michigan, University of, - 12
Middlebury College, - - - 2
Milton College, - - - - 1
Minnesota, University of, - - 3
Mississippi Agric. & Mech. Coll., 2
Mississippi State College for Women, - - - - - 1
Mississippi, University of, - 1
Missouri, University of, - - 4
Monmouth College, - - - 1
Montana State College, - - 2
Mount Holyoke College, - - 5
Mount St. Mary's College, - 2
Mount Union College, - - 2
Muhlenberg College, - - - 1
Nebraska, University of, - - 3
New York, College of the City of, 3
New York University, - - 2
North Carolina, University of, - 11
North Carolina State College, - 1
North Dakota Agric. College, - 1
Northwestern University, - - 1
Norwich University, - - - 1
Notre Dame College, - - - 1
Oberlin College, - - - - 6
Oglethorpe University, - - 4
Ohio State University, - - 5
Ohio University, - - - 1
Ohio, Medical College of, - - 1
Ohio Wesleyan University, - 2
Okayama College (Japan), - 2
Oklahoma, University of, - - 2
Oregon, University of, - - 1
Oxford, University of (England), 5
Pacific Union Medical College, - 1
Paris, University of (France), - 2
Park Region Luther College, - 1
Peking Government Med. Coll. (China), - - - - - - 2
Peking Union Medical College (China), - - - - - - 1
Pennsylvania State College, - 3
Pennsylvania, University of, - 2
Philippines, University of the, - 2
Pittsburgh, University of, - - 5
Poitiers, University of (France), 2
Pomona College, - - - - 3
Prague, University of (Czecho-Slovakia), - - - - 4
Presbyterian College of S. C., - 1
Princeton University, - - - 27
Provincial University, - - 1
Punjab University (India), - 3
Radcliffe College, - - - 5
Randolph-Macon College, - - 9
Randolph-Macon Woman's Coll., 2
Reed College, - - - - - 5
Rice Institute, - - - - 3
Richmond, University of, - - 5
Richmond College, - - - 3
Ripon College, - - - - 1
Roanoke College, - - - 4
Rochester, University of, - - 1
Rush Medical College, . - - 1
Rutgers College, - - - - 4
San Marcos, Univ. of (Lima), - 1
Severence Union Medical College (Korea), - - - - - - 1
Sevignee College (France), - - 1
Smith College, - - - - - 4
Sophie Newcomb Memorial Coll., 1
South Carolina Military Acad., - 1
South Carolina, University of, - 1
Southern California, Univ. of, - 1
Southwestern College (Kansas), 1
Southwestern Univ. (Texas), - 3
St. Andrew's University, - - 1
St. John's College (Md.), - - 8
St. Joseph's College, - - - 1
Swarthmore College, - - - 2
Syracuse University, - - - 5
Tarkio College, - - - - 1
Temple University, - - - 1
Tennessee, University of, - - 2
Texas Christian University, - 4
Texas, University of, - - - 5
Tokio Imperial Univ. (Japan), - 1
Toronto, University of, - - 1
Tri-State College, - - - 1
Trinity College (Conn.), - - 2
Trinity College (N. C.), - - 4
Tulane University, - - - 3
University College (Johannesburg, S. A.), - - - - - - 1
U. S. Naval Academy, - - 1

Utah, University of,	3	Washington State College,	1
Vanderbilt University,	6	Wells College,	1
Vassar College,	6	Weltvreden, Univer. of (Java),	2
Vermont State College,	1	Wesleyan University (Conn.),	1
Vermont, University of,	1	Western Maryland College,	10
Virginia Medical College,	1	Western Reserve University,	1
Virginia Military Institute,	2	West Texas State Normal Coll.,	1
Virginia Polytechnic Institute,	1	West Virginia Wesleyan Coll.,	1
Virginia, University of,	11	Whitman College,	1
Wake Forest College,	2	William and Mary College,	4
Washburn College,	2	Williams College,	11
Washington College,	2	Wisconsin, University of,	7
Washington, University of,	4	Wittenberg College,	2
Washington and Jefferson Coll.,	3	Woffard College,	2
Washington and Lee University	3	Woodstock College,	2
Washington Univer. (St. Louis),	1	Wooster, College of,	2
Wellesley College,	4	Yale University,	13

DEGREES CONFERRED, 1914-1923 *

The names of the recipients of degrees to June, 1913, inclusive are printed in the *University Circular*, April, 1914.

When the institution is not named, this University or the Johns Hopkins Hospital is to be understood. The principal subjects of holders of Doctors' degrees (except those in Medicine) and of Masters' degree are named. (F) Indicates holders of university fellowships here. * Deceased.

Graduation at other times than at the usual Commencement in June is indicated by bracketed dates.

Doctor of Philosophy

1914

Ashworth, John H. (F)—A. B. Emory and Henry 1906; Prof. Pa. Coll. 1914-18; Ohio Wesleyan 1918-19—Prof. Econ. &c. Univ. of Me., Orono—(*Economics*)

Blossom, Frederick Augustus—A. B. Amherst 1898; Instr. Romance Lang. 1911-13—(*French*)

Bourne, Ella—Ph. B. De Pauw 1893; Ph. M. Mich. 1897; Instr. Mt. Holyoke 1914-16; Instr. Latin, Vassar Coll. Poughkeepsie, N. Y. 1916-23.—Instr. Mills Coll. Oakland, Cal.—(*Classical Archaeol.*)

Clark, Floyd Barzilia—A. B. Richmond 1907; Instr. Pa. State Coll. 1914-16—Prof. Polit. Sci. A. & M. Coll. College Sta. Texas—(*Political Science*)

Clarke, Walter Fieldhouse—A. B. Hampden-Sidney 1908; Asst. Univ. of Ga. 1914-16—Bureau of Chem. Dept. of Agr. Washington—(*Chemistry*)

Dolley, William Lee, Jr. — A. B. Randolph-Macon 1907—Prof. Biol. Randolph-Macon, Ashland, Va.—(*Zoology*)

Donaldson, John Levi, Jr. (F)—S. B., Md. Agric. 1910; Instr. Mt. Morris Coll. 1914-16; Prof. Roanoke Coll. 1916-19; Prof. Smith Coll. 1919-20—State Dept. Washington—(*Political Science*)

Edwards, John Bowen (F)—A. B. West. Md. 1903; Prof. and Acting Dean, Dickinson Sem. 1914-15; Prof. Classics, S. W. Presb. Univ. 1915-18; Prof. Univ. of the South, 1918-21—Prof. Wells Coll. Aurora, N. Y. —(*Greek*)

Elliott, Daniel Stanley (F) — A. B. 1911, A. M. 1913; late Asst. Prof. Ga. School of Tech. — Prof. Physics, Tulane Univ. New Orleans—(*Physics*)

Frederick, Edwin Louis (F) — A. B. 1911; Instr. A. & M. Coll. of N. C. 1914-17—Instr. Balt. City Coll.—(*Chemistry*)

*Gain, Josiah Wesley—S. B. Chicago 1910; Assoc. Prof. Wash. and Jefferson 1914-15—(*Mathematics*)—**Dec.* 18, 1914.

Gorton, William Stuart (F)—A. B. 1908; A. M. 1910; Instr. Mass. Inst. Tech. 1911-13; Asst. 1915-16—London, England (Int. West. Elec. Co.)—(*Physics*)

Gossard, Harry Clinton (F) — S. B. Ohio Northern 1908—Instr. U. S. N. Acad. 1918-19; Prof. Univ. of Okla. 1919-22—Prof. Math. Agnes Scott Coll. Decatur, Ga.—(*Mathematics*)

Hamilton, Arthur—A. B. Harvard 1907; A. M. Mich. 1910; Instr. Western Reserve 1914-16; Instr. Romance Lang. Univ. of Wisconsin 1916-18—Instr. Univ. of Ill. Urbana—(*French*)

Karrer, Enoch (F) — A. B. Univ. of Wash. 1911 — Physicist, Nat. Elec. Lamp Assn. Cleveland—(*Physics*)

Kitasawa, Shinjiro—A. B. Waseda 1910; A. M. Univ. of N. C. 1911; Lect. Univ. of the South 1914-15—Prof. Econ. Waseda Univ. Tokyo—(*Economics*)

Lashley, Karl Spencer (F)—A. B. West Va. 1910; M. S. Pittsburgh 1911; Bruce Fellow 1914-15; Johnston Scholar 1915-17 — Asst. Prof. Psychol. Univ. of Minn. Minneapolis—(*Zoology*)

Leake, James Miller (F)—A. B. Randolph-Macon 1902; Assoc. Bryn Mawr 1914-17; Prof. Allegheny Coll. 1917-19—Prof. Hist. Univ. of Fla. Gainesville—(*History*)

Lubs, Herbert August—A. B. Newberry 1910—Chemist, Wilmington, Del.—(*Chemistry*)

Lund, Elmer J. — Ph. B. Hamline 1910; Bruce Fellow 1911-14 — Asst. Prof. Zool. Univ. of Minn., Minneapolis—(*Zoology*)

MacKenzie, Donald—A. B. 1908, A. M. 1911; Asst. Astronomy 1914-18—Western Elec. Co. N. Y.—(*Physics*)

Miller, Bessie Irving (F) — A. B. Goucher 1907 — Prof. Math. Rockford Coll. Ill. — (*Mathematics*)

*Richards, Annabella Elliott — A. B. Bryn Mawr 1907; Asst. Medicine 1914-15; Instr. Bryn Mawr 1917-18; Instr. Physiol. Chem. 1918-19—(*Physiological Chem.*) **Feb.* 8, 1919.

* The list includes also those receiving degrees February 22, 1924, and at other times since Colmencement in 1923.

Schmeisser, Henry Christian (F) — A. B. 1908, M. D. 1912; Prof. Emory Univ. 1919-21—Chief, Div. of Pathol. &c. Univ. of Tenn. Memphis—(*Pathology*)

Shenton, Walter Francis — S. B. Dickinson 1907; Instr. Math. 1914-18—Instr. Naval Acad. Annapolis—(*Mathematics*)

Sirich, Edward Hinman (F) — A. B. 1906; Prof. St. John's (Md.) 1908-12; Asst. Prof. French, Univ. of Minn. Minneapolis 1912-23 — Dean of St. John's Coll. Md. — (*French*)

Taylor, William Anthony — A. B. Randolph-Macon 1908—Chemist, Edgewood Arsenal, Md.—(*Chemistry*)

Trexler, Harrison Anthony (F) — Ph. B. Bellevue Coll. 1906; Prof. Univ. of Montana 1914-18; Asst. Prof. Econ. Whitman College, Walla Walla, Wash. 1918-23—Prof. Hist. Birmingham Southern Coll. Ala. — (*History*)

Wolman, Leo (F)—A. B. 1911; Prof. Hobart Coll. 1914-15; Lectr. 1915-16; Instr. Univ. of Mich. 1916-17; Assoc. 1917-19—New Sch. for Social Resch. New York—(*Economics*)

Young, Mabel Minerva — A. B. Wellesley 1898; A. M. Columbia 1899—Instr. Math. Wellesley Coll. Mass.—(*Mathematics*)

(30)

1915

Armstrong, Mary Emma (F) — A. B. Olivet 1894; A. M. Mich. 1898; Instr. Goucher, Balt. 1915-20—Prof. Latin, Olivet Coll. Mich.—(*Classical Archaeol.*)

Coolidge, Walter Hatheral — Ph. B. Kenyon 1912; Prof. Georgetown Coll. Ky. 1914-16; Central Univ. Ky. 1916-18—Prof. Chem. Centre College, Danville, Ky.—(*Chemistry*)

Dunn, Grace Adelaide—Ph. B. Hamline 1909; A. M. 1914; Prof. Botany, Lake Erie Coll. 1917-18—Princeton, Minn.—(*Botany*)

Gorton, Arthur Feddeman (F)—A. B. 1912, A. M. 1914; Instr. Univ. of Minn. 1915-16; Instr. 1916-17 — Chicago (Western Elec. Co.)—(*Physics*)

Greenfield, Kent Roberts (F)—A. B. West Md. 1911; Instr. Delaware Coll. 1915-20—Asst. Prof. Hist. Yale Univ.—(*History*)

Holmes, James Eugene Levering (F)—A. B. 1912—Chemist, Newark, N. J. (133 Wash. Av.)—(*Chemistry*)

Hopkins, Marion Byrd—A. B. 1912—Chemist, Standard Oil Co. N. Y.—(*Chemistry*)

Hubbert, Helen B. (F)—A. B. Missouri Valley 1907; Adj. Prof. Psychol. Rand.-Macon Woman's Coll 1915-17—Phila. (401 S. 51st St.)—(*Psychology*)

Hulburt, Edward Olson—A. B. 1911, Instr. 1919-21—Asst. Prof. State Univ. Iowa City —(*Physics*)

Lloyd, Howard Huntley—A. B. 1912, Lectr. 1916-17—Prof. Chem. Goucher Coll. Balt. —(*Chemistry*)

McLean, Forman Taylor—Yale (Ph. B. 1907, M. F. 1908)—Instr. Plant Physiol. Univ. of Philippines, Los Baños—(*Plant Physiology*)

Middleton, Austin Ralph (F)—A. B. 1910—Assoc. Prof. Zool. Univ. of Louisville, Ky. (101 N. Chestnut St.)—(*Zoology*)

Miller, Ellis (F)—A. B. 1912; Instr. Chem. 1915-18, Assoc. 1918-19—Du Pont Co. Wilmington, Del. (9112 Dupont Bldg.) — (*Chemistry*)

Moseley, Thomas Addis Emmet—A. B. 1907; Instr. Princeton 1915-16; Prof. Wash. & Jefferson Coll. 1916-19 — Prof. Romance Lang. Va. Mil. Inst. Lexington—(*Italian*)

Mullikin, Richard Nicholas—A. B. 1912—Chemist, DuPont Co. Wilmington, Del. — (*Chemistry*)

Musselman, Amos Sentman—A. B. Pa. Coll. 1912—Chemist, Standard Oil Co., Whiting, Ind.—(*Chemistry*)

Overbeck, Robert Milton (F)—A. B. 1909—Geologist, Shell Co. of Cal. San Francisco (343 Sansome St.)—(*Geology*)

Paulus, Max G. (F)—A. B. 1912—(*Chemistry*)

Pratt, Lyde Stuart — A. B. Bowdoin 1912; Assoc. Prof. Univ. of Va. 1915-17—Chemist, DuPont Co. Wilmington, Del.—(*Chemistry*)

Putnam, Willis S.—S. B. Worcester Polytech. 1889; Prof. Women's Coll. of Del. 1915-16 — Instr. Chem. Univ. of Ill. Urbana — (*Chemistry*)

Reeside, John Bernard, Jr. (F)—A. B. 1911 —Geologist, Hyattsville, Md.—(*Geology*)

Rogers, Lindsay (F) — A. B. 1912; LL. B. Univ. of Md. 1915; Assoc. Prof. Univ. of Va. 1915-21—Assoc. Prof. Pol. Sci. Columbia—(*Political Science*)

Sehrt, Edward Henry (F)—A. B. 1911; Instr. Delaware Coll. 1915-17; Lectr. Bryn Mawr 1917-18; Prof. Washington Coll. 1918-20; Johnston Scholar 1920-22—Prof. Romance Lang. Gettysburg Coll. Pa.—(*German*)

Shields, Emily Ledyard (F) — A. B. Bryn Mawr 1905—Asst. Prof. Latin, Smith Coll. Northampton, Mass.—(*Classical Archaeol.*)

Shive, John Wesley (F)—Ph. B. and A. M. Dickinson 1906—Plant Physiologist, Agric. Exper. Sta. New Brunswick, N. J.—(*Plant Physiology*)

Sousley, Clarence Piersall — A. B. Ky. Wesleyan 1909; Instr. Mt. St. Mary's Coll. 1915-16; late Assoc. Prof. Pa. State Coll.—Prof. Math. Rose Polytech. Inst. Terre Haute, Ind.—(*Mathematics*)

Stocking, Ruth Jennings (Mrs. Vernon Lynch) (F)—A. B. Goucher 1910; Prof. Agnes Scott Coll. 1915-17; Asst. Prof. Carnegie Inst. 1917-18; Instr. Sch. of Hygiene 1918-19—Asst. Zool.—(*Zoology*)

Wallis, Benjamin Franklin—A. B. 1910; Instr. Bryn Mawr 1915-16, Lehigh 1916-17 —Geologist, Guayaquil, Ecuador—(*Geology*)

Watkins, Charles — A. B. Wash. and Lee 1909; M. S. Vanderbilt 1911—Prof. Chem. Carnegie Inst. Pittsburgh—(*Chemistry*)

Weyforth, William Oswald, Jr.—A. B. 1912; Instr. Western Reserve Univ. 1915-17 — Assoc. Prof. Econ.—(*Economics*)

Yokoyama, Tomikichi — Ph. B. Kansas City Univ. 1909; B. D. Westminster (Md.) Theol. Sem. 1910—Bureau of Industry, Keijo, Chosen, Japan—(*Political Science*)

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1916

Albright, William Foxwell (F)—A. B. Upper Iowa 1912, Hon. Litt. D. 1922; Rayner Fellow 1914-17, 1918-20, Instr. Semitic 1916-17, Johnston Scholar 1917-18—Amer. Sch. of Oriental Research, Jerusalem, Syria—(*Assyrian*)

Blocher, John Milton, Jr. — S. B. Pa. Coll. 1913—Prof. Chem. Baldwin-Wallace Coll. Berea, O.—(*Chemistry*)

Brown, William Norman (F)—A. B. 1912; Harrison Research Fellow Univ. of Pa. 1916-19; Johnston Scholar 1919-22—Bombay, India—(*Sanskrit*)

Brown, William Stephen — E. E. Rensselaer Polytech. 1913 — Elec. Engr. Pittsburgh (16th and Pike Sts.)—(*Elec. Engineering*)

*Burton, John Marvin (F)—A. B. Randolph-Macon 1909; Prof. Romance, Millsaps Coll. 1916-18 — (*French*) — **Oct.* 5, 1918 (*in France*).

Churchill, Edward Perry (F) — A. B. Iowa Univ. 1907—Asst. Prof. Biol. Univ. of S. Dakota, Vermillion—(*Zoology*)

Connolly, Gerald Charles—A. B. Rock Hill 1912—Chemist, Davison Chem. Co. Balt.—(*Chemistry*)

Dickey, Robert William (F)—Wash. and Lee (S. B. 1910, A. B. 1911); A. M. 1915—Assoc. Prof. Physics, Wash. and Lee, Lexington, Va.—(*Physics*)

Hoxton, Llewellyn Griffith—Univ. of Va. (A. B., B. S., A. M., 1900, now Prof. Physics) —(*Physics*)

Hutchinson, John Foster—S. B. S. C. Mil. Coll. 1913; A. M. Charleston 1914—(*Chemistry*)

Johnson, Buford Jennette—A. B. La Grange (Ga.) 1895; A. M. 1915; Peabody Scholar 1915-16—Assoc. Prof. Psychol.—(*Education*)

Kelly, Caleb Guyer—A. B. 1908—Educational Missionary, Tunis, Africa—(*History*)

Kimball, John Willard—S. B. Colby 1912; Asst. Chem. Univ. of Me. 1916-18—Chemist, Chester, Pa. (321 N. 7th St.)—(*Chemistry*)

Lilly, Marie Loretto (F)—A. B. Notre Dame (Md.) 1900; A. M. 1914; Instr. Mt. St. Agnes Coll. 1916-17—Instr. Engl. Dominican Coll. San Rafael, Cal.—(*English*)

Loring, Mildred West (F)—Univ. of Washington (A. B. 1912, Fellow 1912-13, A. M. 1913); Sarah Berliner Fellow, 1916-17—Instr. Psychol, Univ. of Minn. Minneapolis —(*Psychology*)

Markel, Paul D.—S. B. Pa. Coll. 1913.—Texas Oil Co. Bayonne, N. J.—(*Chemistry*)

McCall, Arthur Gillett—Ohio State (B. Sc. 1900, late Prof. Agronomy)—Prof. Geol. and Soils, Univ. of Md. College Park—(*Plant Physiology*)

Millspaugh, Arthur Chester (F)—A. B. Albion 1908; A. M. Univ. of Ill. 1910; Prof. Whitman Coll. 1916-17; Instr. 1917-18 — Amer. Legation, Teheran, Persia—(*Political Science*)

Morimoto, Kokichi — Sapporo Univ. 1901—Asst. Prof. Economics, Imperial Univ. Sapporo, Japan—(*Economics*)

Murnaghan, Francis Dominic—Nat. Univ. of Ireland (A. B. 1913, A. M. 1914); Instr. Rice Inst. 1916-18—Assoc. Prof. Applied Math.—(*Mathematics*)

Musselman, John Rogers (F) — A. B. Pa. Coll. 1910; Instr. Math. Univ. of Ill. and Wash. Univ. 1916-20—Associate, Math. — (*Mathematics*)

Myrick, Raymond Thompson (F) — S. B. Earlham 1912—Chemist, Standard Oil Co., Whiting, Ind.—(*Chemistry*)

Ordeman, George Frederick—Wash. and Lee (S. B. 1912, Assoc. Prof. 1916-18)—Chemist, Whiting, Ind.—(*Chemistry*)

Owens, Oscar Lee — A. B. Richmond 1898; A. M. 1913—(*Political Science*)

Pardee, Arthur McCay — A. B. Wash. and Jeff. 1907; sometime Prof. Tarkio Coll.; Prof. Wash. and Jefferson 1918-20—Prof. Chem. Univ. of S. Dak. Vermillion—(*Chemistry*)

Rawlins, Charles Henry, Jr. (F) — Ph. B. Dickinson 1910; Instr. Delaware Coll. 1916-18; Prof. Math. Naval Acad. Annapolis—(*Mathematics*)

Reeves, Frank—A. B. West Va. 1911.—U. S. Geol. Survey, Washington—(*Geology*)

Ruth, Thomas DeCoursey (F)—A. B. 1906; Instr. Princeton 1912-15; Lectr. Bryn Mawr 1916-17; Headmaster, St. Paul's School, Balt. 1917-18—New York (120 Bdway.)—(*Latin*)

Sachs, John Harrison—S. B. Pa. Coll. 1910 —Chemist, DuPont Co. Wilmington, Del.—(*Chemistry*)

Smelser, David Paul, Jr.—A. B. New Windsor 1912—New York (141 E. 44th St.)—(*Economics*)

Starck, Adolf Ludwig Taylor (F) — A. B. 1911 — Instr. Harvard (32 Bowdoin St., Cambridge)—(*German*)

Steinbach, Reuben (F)—A. B. 1913—(2854 W. North Av.)—*Hebrew*)

*Stockett, Joseph Noble, Jr. — A. B. 1911; Instr. Econ. Dartmouth 1916—(*Economics*) **Sept.* 28, 1916.

Van Epps, George Dudley—S. B. Ga. Tech. 1913—Chemist, Port Arthur, Tex.—(*Chemistry*)

Weglein, David Emrich—A. B. 1897; A. M. Columbia 1912; Princ. Western High Sch. 1906-21 — Asst. Supt. of Schools, Balt.; Assoc. Education—(*Education*)

Woodring, Wendell Phillips (F)—A. B. Albright 1910—U. S. Geol. Survey, Washington—(*Geology*)

Wroth, Benjamin Blackiston—A. B. Wash. (Md.) 1908; Instr. Ga. Tech. 1916-18; Acting Head, Dept. of Chem. Earlham Coll. 1918-19—Assoc. Prof. Ga. Sch. of Tech. Atlanta, Ga.—(*Chemistry*)

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1917

Bramble, Charles Clinton (F)—Ph. B. Dickinson 1912—Instr. Math. Naval Acad. Annapolis—(*Mathematics*)

Branham, Grace Bagnall—A. B. Bryn Mawr 1910; A. M. 1916—Colwich, England — (*English*)

Campion, John Leo—A. M. Columbia 1912; Johnston Scholar 1914-15; Instr. Univ. of N. C. 1916-18—Instr. Univ. of Pa. Phila. —(*Germanic Philology*)

Child, John Allan—A. B. Harvard 1899—Instr. Romance Lang. Univ. of Chicago—(*Italian*)—[*Nov.* 6, 1917]

Cox, Leslie Cornelius—A. B. Toronto 1913; Rogers Fellow 1914-17—Asst. Prof. Classics, Hamline Univ. St. Paul, Minn.—(*Latin*)

Dotterer, Ray Harbaugh — Ph. B. Franklin and Marshall 1906; A. M. 1916—Asst. Prof. Philos. State College, Pa.—(*Philosophy*)

Emmet, Boris—A. B. Wisconsin 1913—Labor Manager, Schloss Bros. & Co. Balt.—(*Economics*)

Faber, Edgar McCreary—A. B. Pa. Coll. 1914—Chemist, Edgewood Arsenal, Md.—(*Chemistry*)

Fox, Early Lee—A. B. Randolph-Macon 1909; A. M. 1914—Prof. History, Randolph-Macon College, Ashland, Va.—(*History*)

Freas, Raymond—A. B. Wittenberg 1906; Instr. Chem. Univ. of Va. 1917-18—Instr. Tulane Univ., New Orleans—(*Chemistry*)

Free, Edward Elway—A. B. Cornell 1906—Coastal Lab. Carmel, Cal.—(*Plant Physiology*)

Gordon, Neil Elbridge — Ph. B. Syracuse 1911; Asst. Prof. Goucher Coll. Balt. 1917-19—Prof. Physical Chem. Univ. of Md. College Park—(*Chemistry*)

Hastings, Walter Scott — A. B. Princeton 1910; Instr. French 1916-17—Instr. French, Princeton—(*French*)

Havens, George Remington (F)—A. B. Amherst 1913, Instr. Indiana Univ. 1917-18—Asst. Prof. Ohio State Univ. Columbus—(*French*)

Hildebrandt, Frank Merrill—A. B. 1913—New York (103 W. 183d St.)—(*Plant Physiology*)

Hobbs, Allan Wilson—A. B. Guilford 1907, Haverford 1908—Instr. Math. Univ. of N. C. Chapel Hill—(*Mathematics*)

Holtzclaw, Henry Fuller—A. B. Arkansas Univ. 1913—Dean and Prof. Econ. Va. Poly. Inst. Blacksburg, Va.—(*Economics*)

Howell, Roger (F)—A. B. 1914—Atty. at Law, Balt. (1403 Fidelity Bldg.)—(*Political Science*)

Johnson, Elizabeth Friench—A. B. Goucher 1911; A. M. 1916; Prof. Sweet Briar Coll. 1917-22—Head of Mod. Lang. Dept. Winthrop Coll. Rock Hill, S. C. — (*German Literature*)

Johnson, Harry Isaac—A. B. Roanoke 1912—Prof. Chem. Roanoke Coll. Salem, Va.—(*Chemistry*)

Johnston, Earl Steinford—Ph. B. Dickinson 1913—Assoc. Prof. Plant Physiol. Univ. of Md. College Park—(*Plant Physiology*)

Kanton, Ethel Dorothea — A. B. Goucher 1911; A. M. 1913; late Instr. State Normal Coll. Greensboro, N. C.—(*English*)

Lauchheimer, Malcolm Horace—A. B. 1914—Atty. at Law, Balt. Gaither Bldg.—(*Political Science*)

Lyons, Edward—S. B. Washington and Lee 1912—Detroit (3105 E. Jefferson St.)—(*Chemistry*)

***McCobb, Arthur Lewis** — A. B. Bowdoin 1905; A. M. Harvard 1910—Instr. German, Mass. Inst. of Tech. 1917-18.—(*Germanic Philology*)—**Jan.* 30, 1921.

Meggers, William Frederick—A. B. Ripon 1910; A. M. Wisconsin 1916 — Physicist, Bureau of Standards, Washington—(*Physics*)

Minter, Clarke Cothran — S. B. Davidson 1913—Hanovia Chem. Co. Newark, N. J.—(*Chemistry*). [*Feb.* 22, 1917]

Mohler, Fred Loomis—A. B. Dickinson 1914; A. M. 1916—Physicist, Bureau of Standards, Washington—(*Physics*)

Rabinowitz, Elias N.—A. B. Haverford 1903; Rayner Fellow 1913-14—Staff, Hawthorne Reformatory, New York City — (*Hebrew*). [*Feb.* 22, 1917]

Robinson, Edna Moore (F)—A. B. Chicago 1907—Prof. English and Dean of Women, Whitworth Coll. Spokane, Wash. — (*English*)

Robinson, Jesse Squibb—A. B. Allegheny 1911; late Prof. Simpson Coll.—Prof. Econ. Carleton Coll. Northfield, Minn.—(*Economics*)

Rogers, Thomas Hunton—A. B. Centre 1914—Standard Oil Co., Whiting, Ind.—(*Chemistry*)

Root, Francis Metcalf (F) — A. B. Oberlin 1911; Bruce Fellow 1915-17—Assoc. Med. Entomology, Sch. of Hygiene—(*Zoology*)

Schaffer, Aaron (F)—A. B. 1914, Asst. 1916-19—Instr. French, Univ. of Texas, Austin—(*German Literature*)

Sease, Virgil Bernard (F)—A. B. Newberry 1909—Chemist, Parlin, N. J.—(*Chemistry*)

Simpson, Kemper—A. B. 1914—U. S. Tariff Comm. Washington—(*Economics*)

Thom, William Taylor, Jr. (F)—S. B. Wash. and Lee 1913—U. S. Geol. Survey, Washington—(*Geology*)

Tottingham, William Edward — S. B. Mass. Agric. 1903; M. S. Wisconsin 1908—Asst. Prof. Agric. Chem. Univ. of Wis. Madison—(*Plant Physiology*)

Trelease, Sam Farlow—A. B. Washington Univ. 1914; Univ. of Philippines 1918-20; Instr. Plant Physiol. 1920-23—Assoc. Physiol. Univ. of Louisville, Ky.—(*Plant Physiology*)

Voss, Vivian—Transvaal Univ. Coll. (A. B. 1913, now Lecturer); A. M. 1916—Pretoria, S. Africa—(*Physics*)

Wade, Bruce—S. B. Vanderbilt 1913—Geologist, Tampico, Mex.—(*Geology*)

Warren, Howard Crosby—A. B. Princeton 1899 — Stuart Prof. Psychol. Princeton — (*Psychology*)

Whiteford, Gilbert Hayes—S. B. Md. Agric. 1897; A. M. Columbia 1912—Instr. Chem. Colo. Agric. Coll. Ft. Collins—(*Chemistry*)

Williams, Ralph Coplestone—A. B. 1908—Instr. & Asst. Prof. Ohio State Univ. 1918-21—Assoc. French—(*French*)

Wilson, Lucy (F)—A. B. Wellesley 1909—Assoc. Prof. Physics, Wellesley, Mass. —(*Physics*) (45)

1918

Barby, English—A. B. Princeton 1913—Asst. Prof. Va. Mil. Inst. 1919-20—Asst. Prof. Psychol. Yale Univ.—(*Psychology*)

Bloomhart, Paul Frederick (F)—A. B. Pa. Coll. 1909; Gettysburg Theol. Sem. 1912—Clergyman, Buffalo, N. Y. (1080 Main St.)—(*Hebrew*)—[*Feb.* 22, 1918]

Cohen, Teresa (F) — A. B. Goucher 1912; A. M. 1915; Alice Freeman Palmer Fellow 1918-19—Asst. Prof. Math. State Coll. Pa.—(*Mathematics*)

Dorsey, George Edwin (F)—A. B. 1914—Geologist, Tulsa, Okla. (P. O. Box 411)—(*Geology*)

Fawcett, Howard Samuel—B. S. Iowa State Coll. 1905; M. S. Fla. Univ. 1908; Johnston Scholar, 1916-17—Assoc. Prof. Plant Physiol. Univ. of Cal., Riverside — (*Plant Physiology*)

Helm, Emerson Bennette—B. S. Fla. Univ 1915 — Chemist, Cleveland, O. (1133 E. 71st St.)—(*Chemistry*)

***Lynch, Vernon**—A. B. 1914, Asst. Physiol. 1916-18—(*Physiology*)—**July* 25, 1918—[*Feb.* 22, 1918]

Mitchell, John Broadus (F)—A. B. S. C Univ. 1913—Assoc. Pol. Econ.—(*Economics*) [*Feb.* 22, 1918]

Taliaferro, William Hay—B. S. Va. 1915; Bruce Fellow 1917-18; Assoc. Protozoology, School of Hygiene—(*Zoology*)

Tansill, Charles Callan — Catholic Univ. of Amer. (A. B. 1912, A. M. 1913, Ph. D. 1915); Prof. Amer. Hist. American Univ. Wash. and Library of Congress—(*History*)

Thalheimer, Alvin — A. B. Harvard 1914; Instr. 1919-20—Balt. (2 Queen Anne Rd.)—(*Philosophy*)

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1919

Burka, Samuel Moses — A. B. 1913, A. M. 1916 — Physicist, McCook Aviation Field, Dayton, O.—(*Physics*)

Carter, James Treat—A. B. Oberlin 1914—Atty. at Law, Balt. (617 St. Paul St.)—(*Political Science*)

Dryden, Hugh Latimer (F)—A. B. 1916, A. M. 1918—Asst. Physicist, Bureau of Standards, Washington—(*Physics*)

Espino, Rafael B.—B. Agric. University of the Philippines, 1915—Asst. Prof. Agronomy, Univ. of Philippines, Los Baños—(*Plant Physiol.*)

Frehafer, Mabel Katherine—A. B. Bryn Mawr 1908, A. M. Wisconsin 1909 — Bureau of Standards, Washington—(*Physics*)

Harn, Edith Muriel (F)—A. B. Goucher 1915 — Prof. Winston-Salem Coll. 1920-22 — Assoc. Prof. Mod. Lang. Agnes Scott Coll. Decatur, Ga.—(*German Literature*)

Insley, Herbert (F)—S. B. Hamilton 1914—U. S. Bureau of Standards, Washington—(*Geology*)

Kennedy, Cornelia—A. B. Minnesota 1913; M. S. Wisconsin 1916—University Farm, St. Paul, Minn.—(*Bio-Chemistry*)

Sears, Julian Ducker (F)—A. B. 1913—U. S. Geol. Survey, Washington—(*Geology*)

Strickler, Robert Parvin (F)—A. B. West Va. Univ. 1907; Rhodes Scholar, Oxford 1907-10; Instr. 1919-20—Prof. Swarthmore Coll. Pa.—(*Greek*)

Strube, Claire M. M. (F) — A. B. Goucher College 1916—Prof. German, Olivet Coll., Mich.—(*German Literature*)

Wanlass, William Lawrence (F)—A. B. Geo. Washington 1915, A. M. 1916; Prof. Union Coll. 1919-20—Prof. and Dean, Utah Agric. Coll. Logan—(*Political Science*)

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1920

Baker, Lawrence Henry (F) — A. B. 1917; Instr. Greek—(*Greek*)

Bell, Frederick Keller—A. B. 1916—Instr. Pharmacol.—(*Chemistry*)

Cannon, Harry Sharp (F)—A. B. Univ. of Ky. 1909—Instr. German, Univ. of Minn. Minneapolis—(*German Lit.*)

Carver, David June—A. B. Richmond Coll. 1905; Instr. Goucher 1915-16; Research Asst. 1919-20—Balt. (411 N. Charles St.)—(*Psychology*)

Coffin, Harrison Cadwallader—A. B. 1916, A. M. 1918, Rogers Fellow 1919-20 — Instr. Union Coll. Schenectady, N. Y.—(*Latin*)

Connet, Helene (Mrs. D. W. Wilson)—A. B. Goucher 1915; Instr. 1918-20—Univ. of Pa. Philadelphia—(*Physiology*)

Dulac, Victor—A. B. George Washington 1915; A. M. 1918—Instr. Romance Lang. Coll. of Notre Dame, Balt.—(*French*)

Fell, Edgar Tremlett—A. B. St. John's 1913—Shipping Board, Washington — (*Political Science*)

Helfrich, Oregon Benson (F)—A. B. 1916—Chemist, Orange, N. J. (416 Highland Av.)—(*Chemistry*)—[*Feb.* 23, 1920]

Holmes, Edward Otis, Jr.—A. B. Harvard 1914—Instr. Chem. Boston Univ. Mass.—(*Chemistry*)

Hopkins, Hoyt Stilson—A. B. Oberlin 1914; Bruce Fellow 1917-18, 1919-20; Asst. Physiol. 1920-21—Instr. Baylor Univ. Dallas, Texas—(*Zoology*)

Judefind, William Lee—A. B. West. Md. 1915—Davison Chem. Co. Balt.—(*Chemistry*)—[*Feb.* 23, 1920]

Koontz, Louis Knott—A. B. Wash. and Lee 1908; A. M. 1914; Dean and Prof. Davis and Elkins 1914-17—Instr. Univ. of Cal. (So. Branch), Los Angeles—(*History*)

Kramer, Richard Lee—A. B. Wabash 1913—DuPont Co. Wilmington, Del.—(*Chemistry*)—[*Feb.* 23, 1920]

Lanning, Charles Edward—A. B. Earlham 1916; DuPont Fellow, 1919-20 — Chemist, Richmond, Ind. (223 N. 7th St.)—(*Chemistry*)

Lee, Frederic Collins — A. B. 1912; A. M. Wisconsin 1917—Consulting Chemist, Balt. (113 E. Franklin St.)—(*Chemistry*)

Lee, Frederick William — M. E. and E. E. Cornell 1911; Asst. Harvard 1911-13 — —Assoc. Prof. Elec. Eng.—(*Elec. Engineering*)

Lotz, Paul Lange—B. S. Pa. Coll. 1915—Chemist, Standard Oil Co. New York—(*Chemistry*)

Mackall, Colin Mackenzie (F) — A. B. Va. 1909 and B. S. 1910; M. S. Geo. Washington 1913—Prof. Chemistry, St. John's Coll., Md.—(*Chemistry*)

McGavack, John, Jr. (F)—A. B. Hampden-Sidney 1913; Research Asst. 1919-20—Chemist, U. S. Rubber Co. N. Y.—(*Chemistry*) [*Feb.* 23, 1920]

Miller, George Edgar—B. S. Gettysburg 1914—Chemist, Edgewood Arsenal, Md.—(*Chemistry*)

Mirza, Youel Benjamin—A. M. 1914—Indianapolis, Ind. (3609 Balsam Av.)—(*Political Science*)

Norcross, Wilbur Harrington (F)—A. B. Dickinson 1907—Assoc. Prof. Philos. and Education, Dickinson Coll. Carlisle, Pa.—(*Psychology*)

Noyes, Bessie—A. B. Nebraska 1911; Instr. Whitworth Coll. 1920-22—Asst. Prof. Biol. N. C. Coll. for Women, Greensboro—(*Zoology*)

Piggot, Charles Snowden—A. B. Univ. of South 1914; DuPont Fellow 1919-20—Ramsay Research Fellow, London, Eng. (50 Russell Sq.)—(*Chemistry*)

Reyerson, Lloyd Hilton—A. B. Carleton 1915; A. M. Illinois Univ. 1917—Instr. Chem. Univ. of Minn. Minneapolis—(*Chemistry*)

Richardson, Dorsey—A. B. 1915, A. M. 1918—U. S. Shipping Board—(*Political Sci.*)

Seifriz, William Ernest (F)—B. S. 1916, Bruce Fellow 1918-19—Seessel Fellow, Yale, New Haven. (*Botany*)

Sturdevant, Winifred (F)—A. B. Bryn Mawr 1911—Instr. French, Vassar Coll. Poughkeepsie, N. Y.—(*French*)

Whitner, Thomas Cobb, Jr.—B. S. Ga. Tech. 1916—Instr. Chem.—(*Chemistry*)

Williams, Bruce Stockton (F)—S. B. Va Polytech. 1912—Asst. Prof. Polit. Sci. Univ. of Va.—(*Political Sci.*)

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1921

Bahlke, William Herbert—S. B. Richmond 1916—Chemist, Standard Oil Co. Whiting, Ind.—(*Chemistry*)

Bau, Mingchien Joshua—Yale (A. B. 1918, B. D. 1920); A. M. Columbia 1919—Normal Coll., Peking, China.—(*Political Science*)

Beck, Edith Adelaide—A. B. Goucher 1904; A. M. Columbia 1917—Haverhill, Mass. (16 Newcomb St.)—(*Latin*)

Behrens, Kathryn Laura—A. B. Goucher 1917; A. M. 1919—Balt. (3703 Piedmont Av.)—(*History*)

Bernhardt, Joshua—A. B. Rochester 1916—U. S. Tariff Comm. Washington—(*Economics*) [*Feb.* 22, 1921]

Breit, Gregory—A. B. 1918, A. M. 1920—Fellow, Nat. Research Council, Harvard—(*Physics*)

Castleman, Robert Allen, Jr.—A. B. Geo. Washington 1915; A. M. 1917—Bureau of Standards, Washington—(*Physics*)

*Cross, Howard Benjamin—A. B. Oklahoma 1915; Asst. Bacteriol. 1920-21; Internat. Health Board, Vera Cruz, 1921—(*Bacteriology*)—**Dec.* 27, 1921.

Edwards, John Graham—A. B. and A. M. Virginia 1915; Bruce Fellow 1920-21—Asst. Physiol.—(*Zoology*)

Gammon, Samuel Rhea, Jr.—A. B. Wash. and Lee 1911—Prof. Hist. etc., Austin Coll., Sherman, Tex.—(*History*)

Johnson, Franklin Plotinos—A. B. Missouri 1914—Vogeler Fellow 1920-21—Fellow, Amer. Sch. of Class. Studies, Athens, 1921-23—(*Class. Archaeology*)

Jones, David Charles—B. Sc. Univ. Coll. of N. Wales 1906—Shrewsbury, England (4 Primrose Ter.)—(*Chemistry*)—[*Feb.* 22, 1921]

King, John Fitch—A. B. Oberlin 1917; Asst. Chem. 1920-21—Asst. Prof. Chem. Williams Coll. Williamstown, Mass.—(*Chemistry*)—[*Feb.* 22, 1921]

Klosky, Simon—A. B. Mt. St. Mary's 1914—Instr. Chem. Catholic Univ. Washington—(*Chemistry*)—[*Feb.* 22, 1921]

Kugelmass, Isaac Newton—B. S. N. Y. City Coll. 1916; A. M. Columbia 1917—Instr. Yale Univ. New Haven—(*Chemistry*)

Linton, William Lloyd—B. S. West Va. 1915—Chemist, Brooklyn, N. Y. (412 Greenpoint Av.)—(*Chemistry*)—[*Jan.* 4, 1921]

Litz, Francis Aloysius—A. B. St. Mary's (Balt.) 1912—Instr. English—(*English*)

Merritt, Elizabeth—A. B. Goucher 1911; A. M. Smith 1914—Asst. Prof. Pol. Science, Goucher Coll.—(*History*)

*Neuhausen, Benjamin Simon—A. B. 1918—Instr. Physiol.—(*Chemistry*). *August 20, 1923.

Norton, Ruth (Mrs. W. F. Albright)—A. B. Lake Erie 1914; A. M. Wisconsin 1915—Amer. Sch. of Orient. Resch. Jerusalem—(*Sanskrit*)

Parker, Hugh Klemme—A. B. Upper Iowa 1916—Chemist, Newark, N. J. (735 Lake St.)—(*Chemistry*)

Powdermaker, Florence—S. B. Pa. State 1915; Instr. State Coll. New Brunswick, N. J. 1921-23—Chicago, Ill. (1156 E. 56th St.)—(*Physiol. Chemistry*)—[*Feb.* 22, 1921]

Ragland, George—A. B. Richmond 1896—Prof. Georgetown Coll., Ky.—(*Greek*)

Richter, Curt Paul—B. S. Harvard 1917—Instr. Psycho-Biol.—(*Psychology*)

Schwitalla, Alphonse M.—A. B. St. Louis Univ. 1906—Assoc. Prof. Zool. St. Louis Univ. St. Louis, Mo.—(*Zoology*)

Sharp, James Edwin—B. S. Arkansas 1917; Asst. Chem. 1920-21—Grafflin Scholar—(*Chemistry*)

Smead, Jane Van Ness—A. B. Paris 1910; A. M. 1918—Prof. Wells Coll. Aurora, N. Y.—(*French*)

Spieker, Edmund Maute—A. B. 1916—U. S. Geol. Survey, Washington—(*Geology*)

Sutton, Flora Dobler—A. B. Goucher 1912—Instr. Statistics—(*Mathematics*)

Tuckerman, Louis Bryant—A. B. Western Reserve 1901—Bureau of Standards, Washington—(*Physics*)—[*Feb.* 22, 1921]

Van der Lingen, Jan Stephanus—A. B. Univ. of Stellenbosch 1911; Fellow, Phyical Soc. London; Johnston Scholar 1920-21; Lecturer Bio-Physics 1921-22—Prof. Applied Math. Univ. of Cape Town, S. Africa—(*Physics*)

Van Dusen, Milton Sheldon—B. S. Syracuse 1913—Bureau of Standards, Washington—(*Physics*)

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1922

Barclay, Earle Herbert—Ch. E. Virginia 1916—Davison Chem. Co. Balt.—(*Chemistry*)

Beard, Leslie Carrington, Jr.—A. B. 1919; Instr. Chem. 1922-23—Chemist, Standard Oil Co., N. J.—(*Chemistry*)

Beardsley, Grace Hadley—A. B. Vassar 1917; A. M. 1921—Balt. (416 Forest Rd.)—(*Archaeology*)

Brackett, Frederick Sumner—A. B. Pomona 1908—Asst. Prof. Univ. of Cal. Berkeley—(*Physics*)

Brombacher, William George—A. B. Lake Forest 1915—Bureau of Standards, Washington—(*Physics*)

Brown, Arthur Bennett—A. B. Charleston 1918—Standard Oil Co. Whiting, Ind.—(*Chemistry*)

Cheney, Walter Lynn—A. B. Oberlin 1913; A. M. Nebraska 1915—Asst. Prof. Physics, Geo. Washington Univ. D. C.—(*Physics*)

Davidheiser, Levi Yorgey—A. B. Ursinus 1904—Prof. Chem. State Normal, Millersville, Pa.—(*Chemistry*)

DuBreuil, Alice Jouveau—A. B. Cornell 1906; A. M. 1913—Instr. Central High Sch. Washington—(*English*)

Eby, James Brian—A. B. 1918—U. S. Geol. Survey, Washington—(*Geology*)

English, William Smith, Jr.—B. S. in Ch. Eng. Pennsylvania 1918—Palmerton, Pa.—(*Chemistry*)—[*Feb.* 22, 1922]

Folger, Harry Thomas—A. B. Indiana 1917—Instr. Zool. Univ. of Mich. Ann Arbor—(*Zoology*)

French, Carroll Eiker—A. B. Monmouth 1916—Industrial Y. M. C. A. Bayonne, N. J.—(*Economics*)

Geiser, Samuel Wood—A. B. Upper Iowa 1914—Instr. Zool. Washington Univ. St. Louis, Mo.—(*Zoology*)

Gericke, William Frederick—S. B. Iowa State 1912; M. S. California 1915—Asst. Prof. Soil Chem. Univ. of Cal. Berkeley—(*Plant Physiology*)—[*Feb.* 7, 1922]

Gilchrist, Raleigh—A. B. Montana 1915—Bureau of Standards, Washington—(*Chemistry*)

Greene, Lily Dexter—Ph. B. De Pauw 1893; A. M. Boston Univ. 1902—Missionary, Delhi, India—(*Sanskrit*)

Grimm, Frank Vivian—B. S. Tarkio 1918—Standard Oil Co. Whiting, Ind.—(*Chemistry*)

Hall, Clayton Morris—A. B. 1918—Instr. Latin, Smith Coll. Northampton, Mass.—(*Latin*)

Hoffman, William Samuel—A. B. 1918—Asst. Physiol. Chem.—(*Chemistry*)

Hoke, Elmer Rhodes—A. B. Franklin and Marshall 1913; A. M. 1920; Prof. Hood Coll. 1920-22—Prof. Lebanon Valley Coll. Annville, Pa.—(*Education*)

Hoke, Roy Edward—A. B. Franklin and Marshall 1916—Prof. Education, Birmingham-Southern Coll. Birmingham, Ala.—(*Education*)—[*Feb.* 7, 1922]

Long, James Scott—Ch. E. Lehigh 1915—Assoc. Prof. Lehigh, S. Bethlehem, Pa.—(*Chemistry*)

Mattern, Johannes—Asst. Librarian—(*Political Science*)—[*Feb.* 22, 1922]

Merrick, Robert Graff—A. B. 1917—Vice-Pres. Md. Finance Corp. Balt. and Asst. Prof. Econ. St. John's Coll., Md.—(*Economics*)

Miller, Meta Helena—A. B. Goucher 1917; A. M. 1919—Prof. French, N. C. Coll. for Women, Greensboro—(*French*)

Nakano, Tomio—A. B. Waseda 1916—Student, Univ. of Heidelberg, Germany—(*Political Science*)

Norris, William Ruggles—B. S. Davidson 1914—Asst. Chem. Univ. of Rochester, N. Y.—(*Chemistry*)

Opdycke, Lawrence Hall—B. S. Rutgers 1913; A. M. Columbia 1916—Assoc. Prof. Lehigh, S. Bethlehem, Pa.—(*Chemistry*)—[*Feb.* 22, 1922]

Riddle, Lawrence Melville—A. B. 1908, A. M. 1911—Prof. French, Univ. of S. Cal. Los Angeles—(*French*)

Roberts, Joseph Kent—A. B. Emory and Henry 1910; A. M. 1915—Asst. Prof. Geol. Vanderbilt Univ. Nashville, Tenn.—(*Geology*)

Sellers, Ovid Rogers—A. B. Chicago 1904—Prof. Hebrew, McCormick Theol. Sem. Chicago (10 Chalmers Pl.)—(*The Old Testament*)

Thach, Charles Coleman, Jr.—S. B. Ala. Polytech. 1912—Instr. Hist. & Pol. Sci.—(*History*)—[*Feb.* 22, 1922]

Waldron, William Robert—A. B. Cornell 1917—Standard Oil Co. Whiting, Ind.—(*Chemistry*)

West, Warren Reed—A. B. Geo. Washington 1918 and Instr. Pol. Sci.—(*History*)

Wight, Carol Van Buren—A. B. 1919, A. M. 1921, Rogers Fellow 1921-22—Instr. Latin and English—(*Latin*)

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1923 (February 22)

Small, George William—A. B. Tennessee 1916; A. M. 1921—Asst. English—(*English*)

Speare, Morris Edmund—A. B. Harvard 1908 and A. M. 1912—Instr. Univ. of Md. Balt.—(*English*)

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1923

Baldwin, Frances Elizabeth—A. B. Goucher 1920; A. M. 1922—Instr. in Hist. Wilson Coll. Chambersburg, Pa.—(*History*)

Barton, Vola Price—A. B. Goucher 1915; A. M. Mt. Holyoke 1917—Asst. Prof. Physics, Goucher Coll.—(*Physics*)

Berry, Thomas Morris—B. S. in Chem. 1920 and A. M. 1922—Standard Oil Co. Brooklyn, N. Y.—(*Chemistry*)

Bingham, Harold Clyde—A. B. Ellsworth Coll. 1910; A. M. Harvard 1912—Wesleyan Univ. Middletown, Conn.—(*Psychology*)

Brunswick, David — A. B. 1921. — Harvard Med. Sch., Boston—(*Psychology*)

Crooks, Esther Josephine—Ph. B. Denison Univ. 1909; A. M. 1921—Goucher Coll.—(*Spanish*)

Day, Mildred Elizabeth—A. B. Goucher 1920; A. M. 1922—Hollins Coll. Va.—(*Psychology*)

Eberman, Norman Fitzhugh—B. S. Franklin and Marshall 1919; M. S. Univ. of Maine 1921—Instr. in Chem.—(*Chemistry*)

Ellett, Alexander—A. B. Univ. of Colo. 1920—Research Fellow—(*Chemistry*)

Finkelstein, Joseph Louis—B. S. Mass. Inst. of Tech. 1915; A. M. Harvard 1921—Bureau of Standards, Washington, D. C.—(*Physics*) [Dec. 3, 1923]

Foster, Duncan Graham—A. B. Harvard 1918—Assoc. Prof. of Chem. St. Stephen's Coll. Annandale-on-Hudson, N. Y.—(*Chemistry*)

Gottling, Philip Frederick—B. E. 1919 and A. M. 1922—Balt. (824 Harlem Av.)——(*Physics*) [Dec. 3, 1923]

Grave, Thomas Brooks—A. B. 1919—Hynson, Westcott and Dunning Fellow—(*Chemistry*)

Griffiss, Bartow—A. B. 1920—Univ. of South Dakota, Vermillion—(*Political Economy*)

Grollman, Arthur—A. B. 1920—Instr. in Chem.—(*Chemistry*)

Hahn, Frederick Charles—B. S. in Chem. Eng. Univ. of Illinois 1916—DuPont de Nemours Co. Wilmington, Del.—(*Chemistry*)

Hall, George Martin—A. B. 1915—Instr. in Geology—(*Geology*)

Hart, Samuel James—A. B. Univ. of Virginia 1918—Univ. of Michigan, Ann Arbor—(*Political Science*)

Haupt, Istar Alida—A. B. Bryn Mawr 1917 and A. M. 1918—Balt. (215 Longwood Rd.)—(*Psychology*) [January 1923]

Highbarger, Ernest Leslie—A. B. Mt. Morris Coll. 1908—Northwestern Univ. Evanston, Ill.—(*Classical Archaeology*)

Hoffmeister, John Edward—A. B. 1920—Univ. of Rochester, N. Y.—(*Geology*)

Hsieh, Pao Chao—A. B. 1920—Instr. in Pol. Sc. and Pol. Ec. Shansi Univ. Tai Yuan Fu, China—(*Political Science*)

McCarthy, Stella Agnes—A. B. Goucher 1892—Instr. Goucher—(*Psychology*)

Murchison, Carl—A. B. Wake Forest Coll. 1909—Clark Univ. Worcester, Mass.—(*Psychology*) [Dec. 3, 1923]

Naylor, Louis Hastings—A. B. 1917 and A. M. 1922—Trinity Coll. Hartford, Conn.—(*French*)

Negus, Sidney Stevens—A. B. Clark Univ. 1913; A. M. Harvard 1917—Assoc. Prof. of Chem. Richmond Univ. Va.—(*Chemistry*)

Pessin, Louis Jerome—B. S. Univ. of Georgia 1916—Asst. Prof. of Botany, Miss. Agric. Coll.—(*Botany*)

Potter, Margaret Laura—A. B. Oberlin 1915—Psychologist, New York, N. Y. (122 E. 25th St.)—(*Psychology*)

Preston, Walter Creigh—A. B. Washington and Lee Univ. 1915—Chemist, Proctor and Gamble Co., Cincinnati—(*Chemistry*)

Robeson, Frank Leigh—B. S. Virginia Poly. Inst. 1904; A. M. Columbia 1913—Prof. of Physics, Virginia Poly. Inst. Blacksburg, Va.—(*Physics*)

Scarborough, James Blaine—A. B. Univ. of North Carolina 1913—U. S. N. A., Annapolis—(*Mathematics*)

Secrist, Mark Howard—A. B. Gettysburg Coll. 1918—Balt. (4803 Crowson Av.)—(*Geology*)

Shook, Clarence Albert—A. B. Western Reserve Univ. 1916; A. M. Harvard 1918—Instr. in Math. Yale Univ.—(*Mathematics*)

Sinden, Roger Hull—A. B. Colorado Coll. 1918—Newark, N. J. (217 N. 6th St.)—(*Physics*)

Skalet, Charles Hannord—A. B. Luther Coll. 1919; A. M. 1922—Concordia Coll. Moorhead, Minn—(*Archaeology*)

Stalnaker, Elizabeth Mattingly—A. B. West Virginia Univ. 1902; A. M. Columbia 1915—Assoc. in Education, Marshall Coll. Huntington, W. Va.—(*Psychology*)

Steffey, Walter White—A. B. Emory and Henry Coll. 1912; A. M. 1922—Brooklyn, N. Y.—(19 Fort Green Pl.)—(*Physics*)

Swartz, Joel Howard — A. B. 1915—Univ. of North Carolina, Chapel Hill—(*Geology*)

Sydnor, Charles Sackett—A. B. Hampden-Sidney Coll. 1918—Prof. of Hist. and Pol. Sc., Hampden-Sidney, Va.—(*History*)

Tappan, Elizabeth—A. B. Bryn Mawr Coll. 1910—Vassar Coll. Poughkeepsie, N. Y.—(*Latin*)

Taylor, Roger Kirkbride—A. B. 1920—Instr. in Chemistry—(*Chemistry*)

Wang, Ging-Hsi—A. B. National Univ. of Peking 1919—Asst. in Psychobiology—(*Psychology*)

Wensel, Henry Theodore—A. B. Washington Univ. 1917; A. M. 1920—Bureau of Standards, Washington. D. C.—(*Physics*)

Whelan, Anna Marie—A. B. Goucher 1918—Olivet Coll. Mich.—(*Mathematics*)

Whitesell, Willard Alexander—A.B. Randolph-Macon Coll. 1918—Assoc. Prof. of Chemistry, Univ. of South Carolina — (*Chemistry*)

Wyckoff, Vertrees Judson—A. B. 1920—Steelton, Pa. (25 N. 4th St.)—(*Political Economy*)

Doctor of Medicine

1914

Batten, Grover A.—A. B. Washington and Lee 1908—Physician, Honolulu, T. H.

Bayne-Jones, Stanhope—A. B. Yale 1910; A. M. J. H. U. 1917; Assoc. Prof. Bact. 1916-1923.—Prof. Bact. Sch. Med. Rochester, N. Y.

Belt, Mabel—A. B. Goucher 1910;—Physician, Arundel Apts. Baltimore.

Bettman, Ralph Boerne—A. B. Williams 1910; F. A. C. S.—Clin. Asst. Surg. Northwestern U. and Physician, Chicago.

Boehm, Julius Benjamin—S. B. St. Louis 1910—Phys. 715 N. 8th St., St. Louis, Mo.

Bogle, Kate Breckenridge (Mrs. S. R. Karpeles)—A. B. Goucher 1909—Physician, 1119 Columbia Rd. Wash. D. C.

duBray, Ernest Speers—A. B. Cincinnati 1910.—Instr. in Med. U. of Calif. and Physician, San Francisco, Cal.

Brush, Nathaniel Hawley—A. B. 1909; Instr. in Psych. and Asst. Res. Psych. 1916-18.—Con. Neuro-Psych. Santa Barbara Gen. Hosp. and Physn. Santa Barbara, Cal.

Carroll, Francis Patrick—S. B. Trinity (Ct.) 1911.—Surgeon, Bridgeport, Conn.

Carter, David Wendel, Jr.—A. B. Southwestern 1909, and A. M. 1910.—Assoc, Prof. Med. Baylor Univ. and Physician, Dallas Tex.

Child, Dorothy—A. B. Bryn Mawr 1910; Dr. P. H. Penna. 1916.—Med. Insp. Phila. Pub. Schs. and Physician, Germantown, Pa.

Clark, Mildred (Mrs. P. W. Clough)—A. B. Wellesley 1910.—Physician, 24 E. Eager St.

Colwell, Howard Spencer—S. B. Colgate 1910.—Physician, Dept. Univ. Hlth. Yale, New Haven.

Connor, Charles Edward—A. B. and A. M. Indiana 1910 and 1912.—Clin. Asst. Ophth. and Oto-Laryn. U. of Minn. Med. Sch. and Physician, St. Paul.

Crawford, Robert Hope—S. B. Davidson 1910; F. A. C. S.—Surg. Rutherford Hosp. Rutherfordton, N. C.

Davis, Isaac—A. B. Harvard 1910.—Physician, 2035 Centre Av., Pittsburgh, Pa.

Dodson, Ralph Moore—A. B. Oregon 1910.—Asst. Instr. Gyne. U. of Ore. Med. Sch. and Physician, Portland, Ore.

Donaldson, John Calvert—Ph. B. Yale 1910; Asst. Prof. Anat. Univ. Cincinnati 1919-21.—Asst. Prof. Tnat. U. of Pbgh. Pa.

Dornblaser, Harry Bright—A. B. Wittenberg 1907, and A. M. 1910.—Asst. in Gyne. and Obstet. U. of Minn. and Physician, Besse Bldg., Minneapolis, Minn.

Downs, Chester Arthur—A. B. Oregon 1910.—Asst. Med. Ex. Ore. State Indus. Ac. Comm. Salem, Ore.

Ducasse, Edmond Frederic—A. B. Washington 1910.—Med. A. Major de 1ère Cl., French Army, 1914-19, Student, U. of Paris, 1919 and M. D. 1920, Physician, Paris, 7 rue Lauriston.

Duffy, William Core—A. B. Wake Forest 1910; F. A. C. S. 1921.—Junior Attend. Surg. New Haven Hosp.; Asstg. Surg. and Exam. Dpt. Univ. Health, Yale and Surgeon, New Haven, Conn.

Duncan, John Baxter—A. B. Mercer 1910. Res. Gyne. Lakeside Hosp.—Physician, Fourth Natl. Bk. Blg. Atlanta, Ga.

Dunn, George R.—Ph. B. Hamline 1910.—Instr. in Surg. U. of Minn. and Surgeon, Besse Bldg. Minneapolis, Minn.

Eaton, Avis Chippewa—A. B. Wellesley 1909.—Physician, 766 Sutter St., San Francisco.

Emrick, Marion W.—Ph. B. Franklin and Marshall 1910.—Asst. Roent. Harrisburg Hosp. and Physician, Harrisburg, Pa.

Englar, Thomas Shepherd—A. B. Western Maryland 1910.—Medford, Md.

Evans, Frank Alexander—A. B. Washington and Jefferson 1910, and A. M. 1914.—In chg. Bio-Chem. and Clin. Lab. Singer Mem. Lab. and Physician, Pittsburgh.

Fansler, Walter A.—A. B. and A. M. Missouri 1911 and 1912.—Instr. Surg. U. of Minn. and Proctol. Minneapolis.

Fechtig, Allen Garthwright—A. B. South 1910.—Physician, Queens, N. Y.

***Fergusson, James Grant**—A. B. Stanford 1909.—(Lieut. Black Watch.) (*Killed in battle, July* 14, 1916.

Fleming, LeRoy Newton—A. B. Miami 1910.—Physician, 329 Hamilton Av, Detroit.

Flexner, Morris—A. B. Michigan 1910.—Physician, 902 Francis Bldg., Louisville, Ky.

Frazee, Mary Lousie (Mrs. J. L. Tower)—A. B. Goucher 1908; Belleville Gen. Hosp., Belleville, Ont., Can.

Gardner, Harold Bearce—S. B. Grinnell 1910.—Instr. Therap. Sch. Med. U. Pittsburgh, and Physician, Pittsburgh, Pa.

Grave, Floyd—S. B. Carlton 1908—Physician, Minneapolis.

Hagan, Hugh Johnson—A. B. Washington and Lee 1910.—Physician, Roanoke, Va.

Hain, Raymond Fisher—S. B. Bucknell 1910.—Physician, Burnsville, Pa. R. F. D. No. 2.

Hall, Raymond Confer—S. B. Wesleyan (Ct.) 1909.—Phys. and Surg. Anaconda Mining Co., Anaconda, Mont.

Hampton, Henry Hunton—S. B. Tennessee 1903; F. A. C. S.—Physician, 623 Volunteer Bldg., Chattanooga, Tenn.

Harrell, Bryant Eugene—A. B. Randolph-Macon 1907.—Physn. Norfolk, Va.

***Haupt, Walter Clark**—Ph. B. 1908—(*Died, June* 3, 1917.)

Hodge, Mary Ashmun—A. B. Stanford 1903 Physician, 943 N. Calvert St.

Hooper, Charles Warren—A. B. Kansas 1911.—Dir. Exp. Med. H. A. Metz Lab. Inc. N. Y. City.

Huffman, Lyman Foster—S. B. Ohio Wesleyan 1910.—Physician, 465 Rose Bldg., Cleveland.

Hutchison, James Elder—A. B. Ohio State 1909.—Physician, 36 Pearl St., Hartford, Ct.

Ingraham, Ruth—A. B. Vassar 1907.—Roent. Brooklyn Hosp. N. Y.

Jack, William David—A. B. Creighton 1908.—Urol. 1858 S. Western Av., Chicago.

Jones, Walter Falke—A. B. Hamilton 1908, and A. M. 1909.—Physician, 885 Park Av., New York.

Keister, William Shirey—A. B. Roanoke 1907, and A. M. 1910.—Hlth. Officer, Albemarle Co. and Asst. Prof. Pub. Hlth. U. of Va., Charlottesville.

Kelly, Claude Currie—S. B. Davidson 1909.—Asst. Orth. Newington Home Crip. Chldn. and Surgeon, Hartford, Conn.

Ketcham, Clarence Searle—B. L. Rutgers 1910, and A. M. 1914.—Physn, Ashville, N. C. (1st. Lieut. Med. Corps, U. S. A.)

King, John Theodore, Jr.—A. B. Princeton 1910.—Instr. in Clin. Med. Disp. Physn. and Physician, Balt.

***Krake, Leigh Seward**—A. B. Nebraska 1907. (*Died, July* 9, 1914.)

McGill, Caroline—A. B. Missouri 1904, A. M. 1905, and Ph. D. 1908.—Pathol. Murray Hosp. Butte, Mont.

Martin, Floyd August—A. B. Missouri 1911, and A. M. 1912, and Med. Dept. 1906-09.—Lab. Diag. Detroit Clin. Lab. Detroit.

Marvel, Norman Clyde—A. B. 1910—Asst. Surg. Mercy Hosp. and Physician, 3311 Abell Av., Balto.

Meyer, Jerome—S. B. Alabama 1908; Med. Dept. J. H. U. 1908-10.—Pedn. Tenn. Coal & Iron Co. Birmingham, Ala.

Mosiman, Roscoe E.—S. B. Huron 1910.—Physician, 1213 E. 63d St. Seattle, Wash. (Act. Asst. Surg. U. S. P. H. S.)

Moyle, Robert Davies—A. B. McMaster 1908.—Ast. Sup. Queen Alex. San. London, Ont. Can.

Ormond, John Kelso—A. B. Princeton 1906.—Asst. Surg. in Chf. Henry Ford Hosp. Detroit.

Plumer, John Shaffer—S. B. Pittsburgh 1909.—Path. St. Marg. Mem. Hosp. and Physician, Pittsburgh.

Redelings, Leslie Hall—S. B. Northwestern 1909, and M. S. 1910.—Physician, San Diego, Cal.

Reichard, John Davis—A. B. Trinity (Ct.) 1910.—Passed Asst. Surg. U. S. P. H. U. S. Quar. Sta. Rosebank, S. I., N. Y.

Reinhard, Ferdinand Oscar Wolfgang—A. B. 1908; C. P. H. Sch. Hygiene and Pub. Hlth. 1923.—Physician, 1509 Bolton St.

Robinson, Aaron—A. B. 1910.—Asst. Surg. U. S. N. Hampton Rds. Va.

Rockwood, Ethel May—S. B. Simmons 1909.—Physician, 61 Pearl St., Worcester, Mass.

Rothholz, Alma Sophia—A. B. Smith 1910. Physician, 2108 Bolton St. (Amer. Red Cross.)

Saltzstein, Harry—Ph. B. Yale 1910.——Physician, 306 Kresge Bldg. Detroit, Mich.

Szymanski, John J. (Schmitt)—A. B. St. John's (Brooklyn) 1910; Dr. P. H. J. H. U., 1921.—Com. of Ed. Passaic, N. J.

Sewell, John Holt—E. E. Texas 1908.—Physician, Ft. Worth, Tex.

Shaffer, Floyd Elmer—A. B. Lebanon Valley 1910.—Surg. Bethlehem Steel Co., Sparrows Point.

Sherrick, Joseph Leslie—A. B. Monmouth 1908; A. M. Yale 1910.—Physician, Monmouth, Ill.

Sherry, Leroy Briggs—A. B. Illinois 1910.—Physician, Pasadena, Cal.

Silvester, Richard Lee—S. B. Maryland State 1908 and Grad. Student 1909-10.—Asst. Surg. U. S. N., Washington, D. C.

Stubbs, Landon Elwood—A. B. Randolph-Macon 1910.—Physician, Newport News, Va.

***Taylor, Herbert Douglas**—A. B. St. John's 1910. (*Died October* 7, 1918.)

Utzinger, Otto E.—A. B. Stanford 1910.—Chf. Surg. Ray Consol. Copper Co., Ray, Ariz.

Vanneman, Joseph Stephens—Ph. B. Dickinson 1910.—Physician, Princeton, N. J.

Van Valzah, Laurie—A. B. Oregon 1910.—Fitzsimmons Gen. Hosp. Denver, Col.

Venable, John Manning—A. B. North Carolina 1910, and Med. Dept. 1910-12.—Surg. San Antonio, Texas.

Webb, Joseph—A. B. Wittenberg 1910.—Gyne. Stanford Univ. San Francisco.

Webb, Roscoe Clayton—A. B. Minnesota 1911; F. A. C. S. 1921.—Surg. Minneapolis, Minn.

Webster, Jerome Pierce—A. B. Trinity (Ct.) 1910.—Res. Surg. and Assoc. in Surg. Peking Union Med. Coll. Peking, China.

Wilson, Harry Eugene—A. B. St. John's 1910.—Physician, 3 W. Biddle St., Balto.

Wolff, Sylvain Beer—S. B. Louisiana State 1910.—Physician, Opelousas, La.

Wood, Evans Beauchamp—S. B. Ala. Polytech. 1907, and M. S. 1908.—Physician, Candler Bldg., Atlanta, Ga.

Woods, Alan Churchill—A. B. 1910.—Assoc. in Clin. Opthal. Asst. Vis. Opthal. J. H. H., and Physician, Baltimore.

Wynne, Herbert Maxwell Nash—S. B. Bethany 1906, and A. M. 1907; F. A. C. S. 1921.—Physician, Minneapolis, Minn.

Zadek, Isadore—S. B. Ala. Polytech. 1910. Asst. Hosp. Rup. and Crip. and Physician, New York.

Smith, John Frederick—A. B. Lake Forest 1907.—Physician, 901 6th St. S., Minneapolis, Minn. (*Degree granted February 22, 1915.*)

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1915

Adair, Frank Earl—A. B. Marietta 1910; F. A. C. S. 1923.—Surgeon, 70 E. 77th St. N. Y.

Andrew, Harvey Montreville—S. B. Waynesburg 1911.—Physician, Hartford, Conn.

Armstrong, Charles—S. B. Mt. Union 1910. —Passed Asst. Surg. U. S. P. H. S. Hygien. Lab. Washington, D. C.

Atchley, Dana Winslow—S. B. Chicago 1911.—Assoc. in Med. Coll. P. & S. and Assoc. Visitg. Physn. Presbyterian Hosp N. Y.

Aull, John—A. B. Virginia 1911.—Physician, 900 Rialto Bldg., Kansas City, Mo.

Bacon, Arthur Maynard—A. B. Western Maryland 1911.—Phys. Parkville, Md.

Baldwin, John Cook—S. B. Hamilton 1910, and M. S. 1913.—Asst. Disp. Ped. and Physician, Baltimore.

Batchelor, Marjorie Dietz—A. B. Wellesley 1907.—Physn.-in-chf. Palmerton Hosp. Pa.

Batchelor, Roger Putnam—A. B. Wisconsin 1911.—Surg. in Chief Palmerton Hosp. Pa.

Bates, Harold Edwards—A. B. Oregon 1910. —Physician, London Hosp. London, Eng.

Bean, Leo Chapman—Ph. B. Ohio 1911.—Phys.-in-chf. Holzar Hosp. and Physician, Gallipolis, O.

Belden, Louis de Keyser—S. B. North Carolina 1910, and Med. Dept. 1911-13.—Surg. Hume Mansur. Bldg. Indianapolis, Ind.

Braunlich, George—Ph. B. Chicago 1910. Physician, Davenport, Iowa.

Burket, Walter C.—S. B. Chicago 1911, and A. B. Baker, 1912.—Physician, Evanstown, Ill.

Christopher, Frederick—S. B. Northwestern 1911.—Jr. Surg. Evanston Hosp. Winnetka, Ill.

***Clark, Admont Halsey**—A. B. Oberlin 1910. (*Died October 13, 1918.*)

Clarke, Jefferson Hamer, Jr.—A. B. Haverford 1911.—Instr. in Path. and Bact. Temple Univ. Philadelphia.

Clausen, Samuel Wolcott—A. B. Williams 1910.—Asoc. Ped. Washington Univ. Med. Sch. and St. Louis Children's Hosp. St. Louis, Mo.

Clough, Harry Duffield—A. B. Brown 1908, and A. M. 1911.—Prof. Diag. Phys. Univ. of Rochester, N. Y.

Crawford, Rena—Ph. B. Chicago 1903; A. M. Columbia 1910.—Lect. in Ped. Tulane Univ. and Physician, New Orleans, La.

Cunningham, Robert Sydney—S. B. and A. M. Davidson 1911.—Assoc. Prof.

Dayton, Arthur Bliss—Ph. B. Yale 1911.—Asst. Prof. Yale Med. Sch. and Assoc. Phys. N. H. Hosp. and Disp. New Haven, Conn.

Delatour, Beeckman J.—S. B. Amherst 1911. —Asst. Attend. Phys. St. Luke's Disp. and Hosp. and Phys. N. Y.

Derr, Woods Frederick—A. B. Bucknell 1911.—Physician, Renovo, Pa.

Doherty, Drayton Howard—A. B. Howard 1910.—Physician, Selma, Ala.

Elmendorf, DuMont F.—A. B. Rutgers 1911 and A. M. 1915.—Physician, 44 W. 87th St., New York.

Fallas, Roy Edwin—A. B. Leland Stanford Jr. 1911.—Physician, Los Angeles, Calif.

Faust, Otto Alois—Ph. B. Union 1911.—Physician, Albany, N. Y.

Gassner, Herbert Spencer—A. B. and A. M. Wisconsin 1910 and 1911; Instr. Assoc. and Assoc. Prof. Physiol. Wash. Univ. St. Louis 1916-21.—Prof. Pharm. *ibid.*

von Glahn, William Carson—S. B. Davidson 1911.—Asst. Prof. Path. Coll. P. & S. Columbia, Assoc. Visit. Path. Presb. Hosp. N. Y.

Glass, Samuel James, Jr.—S. B. Pittsburgh 1911.—Surg. Presb'n Hosp. and Surgeon, Pittsburgh, Pa.

Gober, William Mayes—A. B. Georgia 1909. —Physn. 69 Court St. Newark, N. J.

Goddard, Calvin Hooker—A. B. 1911.—Asst. Dir. J. H. H.

Griffith, Lewie Muller—S. B. South Carolina 1908.—Surgeon, Asheville, N. C.

Griffith, Roy—S. B. Georgia 1911—Physician, 451 Prospect Ave. Newark.

Haden, Russell Landram—A. B. Virginia 1910, and A. M. 1911.—Assoc. Prof. Med. U. of Kans. and Physn. Kansas City, Mo.

Happ, William Morris—A. B. Georgia 1911. Physn. 919 Pacific Mut. Bldg. Los Angeles, Calif.

Heddens, Vernon Offutt—A. B. Missouri 1910.—Physn. Pasadena, Cal.

Houck, Frank M.—Ph. B. Dickinson 1910. Supt. Cragmor Sanatorium, Colo. Spgs. Colo.

Irwin, Stewart Vernon—S. B. California 1911.—Physician, Oakland, Cal.

Joseph, Morris—S. B. New York 1911.—Physician, 271 Lexington Ave. Passaic, N. J.

***McLean, McDugald Keener**—A. B. Southwestern 1908. (*Died Sept. 8, 1922.*)

McRae, Floyd Wilcox, Jr.—Ph. B. Yale 1911. —Surgeon, Doctors' Bldg. Atlanta, Ga.

McVay, James Robert—A. B. Missouri 1912, and A. M. 1913.—Mbr. Mo. State Bd. Hlth. and Surg. Rialto Bldg. Kansas City, Mo.

Makel, Hertel Philip—A. B. 1911.—Major, M. C. U. S. Military Acad. West Pt, N. Y.

Mason, Verne Rheem—S. B. California 1911. —Physician, Pacific Mutual Bldg. Los Angeles, Calif.

Maxcy, Kenneth Fuller—A. B. George Washington 1911; Dr. P. H. 1921.—Asst. Surg. U. S. P. H. S. Montgomery, Ala.

Melen, David Ralph—S. B. Rochester 1911. —Jr. Visit. Surg. Rochester Gen. Hosp. and Physician, Rochester, N. Y.

Mitchener, James Samuel—S. B. Davidson 1909.—Chf. Bureau of Epidemiology N. C. Bd. of Hlth. Raleigh, N. C.

Morison, Rufus Ayres—Va. Military Inst. 1905.—Physician, Richmond, Va.

***Morgan, Harold Sydney**—A. B. Leland Stanford Jr. 1912. (*Died in France, May* 1918.)

Moore, Thomas Verner—Ph. D. Catholic U. of A. 1903.—Assoc. Prof. Psychol. Catholic Univ. of America and Dir. Prov. Psychia. Disp. Washington, D. C.

Murray, John Gardner, Jr.—A. B. 1911.—Obstetrician, 1107 St. Paul St.

Musser, Harvey Huston—A. B. 1911.—Phys. 698 Diagonal Rd., Akron, O.

Newcomer, Harry Sidney—A. B. Wisconsin 1909 and A. M. 1910.—3 Place Vendome, Paris, France. (P. A. Surg. U. S. N. R. F.)

Peightal, Thomas Christian—Ph. B. Franklin and Marshall 1911.—Gyn.-in-Chf. Roosevelt Hosp. New York.

Preston, George Heinrichs—A. B. 1911.—Sup. Ga. Tr. Sch. for Ment. Defectives, Gracewood.

Putnam, Mary—A. B. Bryn Mawr 1910.—Ped. Staff, Bellevue Hosp. and Physn. 105 E. 55th St. N. Y.

Rhodes, George Kremer—S. B. California 1912.—Surg. 516 Sutter St. San Francisco.

***Richards, Davis Neeper**—A. B. Wooster 1911. (*Died Oct.* 1918.)

Richards, Esther Loring—A. B. Mt. Holyoke 1910.—Prof. of Psych.

Rivers, Thomas Milton—A. B. Emory 1909.—Assoc. Rockefeller Inst. Med. Resch. N. Y.

Rosenthal, Gilbert White—A. B. 1910.—Physician, 2227 Linden Av.

Rothschild, Leonard L.—A. B. Yale 1910. Asst.. in Roent. U. of Calif. M. S. San Francisco.

Schnack, Adolph George—A. B. Leland Stanford Jr. 1910; A. M. Yale 1911.—Roentgenol. 445 S. Beretania St., Honolulu, T. H.

Scott, Katharine Julia—(Mrs. Tyndall Bishop)—A. B. Wellesley 1910.—Assoc. in Anat. Univ. of Calif. Berkeley.

Shellito, Judd Campbell—S. B. Princeton 1911.—Physician, Independence, Iowa.

Shewbrooks, Daniel Marsh—A. B. Middlebury 1909.—Physician, Ft. Wayne, Ind.

Slater, Harvey M.—A. B. Oregon 1911.—Physician, Palo Alto, Calif.

Smith, Daniel Clarke Wharton 2nd—Ph. B. Yale 1911.—Physician, Roland Pk. Balto.

Smith, Lucius Ernest—S. B. Kentucky 1911.—Amer. Presbn. Missions, Rio Benito, Spanish Guinea, W. A.

Smith, L. Howard—S. B. Huron 1910.—Instr. Ped. U. Ore. Med. Sch. and Pediatrician, Portland, Ore.

Swan, Mary Hannah—A. B. Mt. Holyoke 1905. — Serol. Nat. Path. Labs. Inc. Chicago.

Sydenstricker, Virgil Preston Willis—A. B. Washington and Lee 1910, and A. M. 1911.—Prof. Med. U. of Ga.

Tappan, Benjamin—A. B. 1911.—Physician, 1102 N. Charles St. Baltimore.

Thomas, William Clark—A. B. Emory 1911.—Surg. Enlisted Men's Hosp. West Point, N. Y.

Trueblood, Donald Vaughn—A. B. Washington 1911.—Surgeon, 902 Boren Ave. Seattle, Wash.

Tucker, Prescott Stearns—A. B. George Washington 1911.—Physn. Ft. Sam Houston, Tex.

Turner, John Calvin, Jr.—S. B. Davidson 1908, and A. M. 1909.—Physn. Miami, Florida.

Turner, Victor Roland—S. B. Denison 1909; A. M. Harvard 1911.—Physn. Newark, O.

Walker, John Edward—S. B. Ala. Polytech. 1910, and M. S. 1911.—Major M. C. Army & Navy Genl. Hosp. Hot Springs, Ark.

Warner, Charles Luther—A. B. 1911.—Asst. Disp. Surg. and Physician, Balto.

Werner, Roy Gillian—A. B. Ohio State 1909.—Physn. Metropol. Bldg. Akron, O.

Wharton, Lawrence Richardson—Ph. B. Hiram 1907.—Disp. Gynecol. and Physn. 2305 St. Paul St. Baltimore.

Whisman, Henry Stafford—S. B. California 1911.—Asst. Physn. Agnew State Hosp. Agnew, Calif.

Williams, Louis Hicks—A. B. North Carolina 1911.—Lieut. M. C. U. S. N., U. S. Naval Hosp. N. Y.

Wix, Edward Blaine—Ph. B. Yale 1911.—Physician, 187 Madison Ave., N. Y. City.

Woo, Sien-ming (Hsuan-ming)—A. B. St. John's (Shanghai) 1910.—Assoc. Dir. Coun. Hlth. Ed. Shanghai, China.

Chisholm, James Julian—A. B. Princeton 1911.—Clin. Laryn. (1st. Lieut. M. C.). (*Degree granted, Feb.* 22, 1916.)

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1916

Anderson, William Willis—A. B. Georgia 1911.—Wesley Mem. Hosp. and Pedia'n, 436 Peachtree St., Atlanta, Ga.

Applebaum, Herman S.—A. B. 1912.—Interne, Mt. Sinai Hosp. Cleveland, O.

Bacon, Emily Partridge—A. B. Wilson 1912. Jr. Ped'st Hosp. Wom. Med. Coll. Philadelphia.

Barclay, Irvin C.—S. B. Knox 1912.—Physician, Evansville, Ind.

***Barlow, Bryan Anderson** — S. B. Alabama 1912. (*Died July* 14, 1919.)

Bean, Harold Cedric—A. B. Oregon 1912.—Physician, Selling Bldg. Portland, Ore.

Blanco, Pio—S. B. Washington and Jefferson 1912.—Physn. Buffalo Clinic, Buffalo, N. Y.

Brock, Sam—A. B. Georgia 1911.—Physician and Surgeon, 4750 Sheridan Rd., Chicago.

Bullard, H. Hays—A. B. Missouri 1908; A. M. 1909; Ph. D. Tulane 1912.—Prof. Pathol. Western Univ. Med. Sch. London, Can.

Burkholder, Harry Jackson—S. B. Monmouth 1912.—Physician, Alpena, Mich.

Carden, John Joseph, Jr.—S. B. California 1912.—Capt. M. C. Carlisle Barracks, Pa.

Christman, Paul William—S. B. California 1912.—Physician, Sacramento, Calif.

Clark, Seymour Garland—Ph. B. Emory 1912.—Physician, 7 Linden Ave., Brooklyn, N. Y.

***Conrad, Henry Brown**—A. B. Wake Forest 1912, A. M. 1913. (*Died Jan.* 27, 1920.)

Cummings, William Walter—A. B. Brown 1912.—Physician, Providence, R. I.

Darrow, Frank Irons—S. B. N. D. Agr. 1912.—Physician, Fargo, N. Dak.

Disbrow, Harold Ball—A. B. Princeton 1911.—Surg. Staff, Paul Kimball Hosp. Lakewood, N. J.

Eidson, Joseph Pugh—A. B. Miami 1912. Asst. Phys. Bloomingdale Hosp. White Plains, N. Y.

Erickson, Reuben Johan—A. B. Knox 1911.—Assoc. Prof. Med. Cin. Med. Sch. O.

***Etheridge, James Allan**—A. B. Georgia 1912. (*Died October* 7, 1918.)

Fairbank, Ruth Eldred—A. B. Illinois 1911.—Asst. Res. Psych. and Asst. in Psych

Felton, Lloyd Derr—A. B. Wooster 1910.—Asst. Prof. Prev. Med. and Hygiene, Harvard, Boston. (Cont. Surg. U. S. A.)

Fielder, Roy Lamar—A. B. and S. B. Emory and Henry, 1912.—Physician, 2102 Market St., San Francisco.

Finney, William Parker, Jr.—A. B. Princeton 1908; Fellow, Mayo Clinic, Rochester.

Fuller, Robert Guy—S. B. Louisiana State 1907.—Res. Hendricks Laws San. El Paso, Tex.

Gill, Hugh Clinton Fiske—S. B. Maryland Agr. 1912.—Physn. 4204 Maine Ave., Baltimore.

Greenwood, Adolphus Barte—A. B. Univ. of N. Caroline 1910.—Physician, Asheville. N. C.

Grempler, Walter Edward—A. B. 1912.—Physician, Baltimore.

Haessler, Ferdinand Herbert—A. B. Wisconsin 1913.—Physician, 141 Wisc. St., Milwaukee, Wis.

Hallock, David Horace—A. B. Hamilton 1912 and A. M. 1915.—Med. Insp. Schs. and Surgeon, Southampton, N. Y.

Hamman, Howard Harrison—S. B. Allegheny 1912.—Res. Phys. & Surg. Westmoreland Hosp. and Physician, Greensburg, Pa.

Handy, Margaret Irving—A. B. Goucher 1911.—Jr. Chf. Pedn. Del. Hosp. and Physn. Wilmington, Del.

Harmon, Charles Maxwell—A. B. Lake Forest 1912.—Passed Asst. Surg. U. S. P. H., Cartigena, Colombia, S. A.

Harris, John Wharton—A. B. and A. M. Univ. of North Carolina 1911-12.—Assoc. in Obstet. J. H. U. and Asst. Obst'n, J. H. H.

Harrop, George Argale, Jr.—A. B. Harvard 1912.—Asst. Visit. Physn. Presby'n Hosp. and Assoc. in Med. Columbia, N. Y.

Heidt, Thomas Johannes—A. B. and A. M. Missouri 1910 and 1912.—Surg. (R.) U. S. P. H. S., Clin. Dir. Hosp. No. 37, Waukesha, Wis.

Herpel, Frederick Karl—A. B. Allegheny 1912.—Roentg., 330 Old Nat. Bk. Bldg., Spokane, Wash.

Hicks, Elijah Maxie, Jr.—A. B. Furman 1912, and A. M. 1913.—Physician, Florence, S. C.

Hood, Robert Carhart—A. B. Washington and Lee 1912.—Pediat. Clarksburg, W. Va.

Hundley, Jack Mason—A. B. St. John's 1912, A. M. 1923.—Physician, 840 Park Ave. Baltimore.

Jenks, Mildred—(Mrs. Samuel C. McKee)—A. B. Wellesley 1911.—Res. Phys. D. Gregg Hosp. and Mbr. Staff, Hackett Med. Coll. 1918-22. Hengchow, Hunan, China.

Kinne, Arthur Lyman—A. B. Dartmouth 1912.—Staff Obstn. Holyoke City Hosp. and Physician, Holyoke, Mass.

Lawrence, Joseph Sell—A. B. Franklin and Marshall 1904, and A. M. 1912.—Dir. Div. Vener. Dis. State Dpt. Hlth. Albany, N. Y.

Lena, Hugh Francis—A. B. Dartmouth 1912.—Physn. and Surg. New London, Ct.

Lincoln, Asa Liggett—A. B. Elon 1910, and A. M. 1911.—Adj. Asst. Visit. Phys. Bellevue Hosp. and Physician, 140 E. 37th St. N. Y.

***Long, John Gabriel**—A. B. Franklin and Marshall 1912. (*Died October* 24, 1918.)

Lovett, Irving Kennedy—Ph. B. Lafayette 1912.—Physician, Red Bank, N. J.

McCafferty, Lawrence Kinsman—A. B. Kenyon 1912.—Dermatol. 30 W. 59th St. N. Y.

McCarthy, Charles Lee—S. B. Princeton 1912.—Derm. Clinic, Charité, Krankenhaus, Berlin, Germany.

McGuire, Patrick Francis—A. B. Rock Hill 1909.—U. S. Army, Camp Meade, Md.

Maas, Edith Helen (Mrs. A. L. Lincoln)—A. B. Vassar 1912.—Disp. Pedn. Bellevue Hosp & Physn. 140 E. 37th St. N. Y.

Major, Richard S.—A. B. Wofford 1909.—Asst. Otol. Allegheny Gen. Hosp. Pittsburgh.

Martin, Walter Bramblette—S. B. Virginia Polytech. 1909.—Physn. Flatiron Bldg., Norfolk, Va.

Miller, Milo Kirk—A. B. Illinois 1912.—Ped'n, The Clinic, South Bend, Ind.

Mitchell, William Thomas, Jr.—S. B. Pittsburgh 1912.—Physician, 519 N. Highland Ave. Pittsburgh, Pa.

Moore, Joseph Earle—A. B. Kansas 1914; Assoc. in Clin. Med. Disp. Physn. and Physician, Baltimore.

Mullin, John Henry—S. B. Princeton 1912. Asst. Gynecol. Delaware Hosp. and Physician, Wilmington, Del.

Murchison, David Reid—A. B. North Carolina 1912.—Physician, Wilmington, N. C.

Pfitsch, Alfred, Jr.—A. B. Western Maryland 1912.—Phys. Chg. Amer. Luth. Mis. Hosp. Rentichintala, Guntur Dist. S. India.

Pritchett, Charles Bernard—A. B. Washington and Lee 1912.—X-Ray, Derm. and Urol. Danville, Va.

Reese, Sidney O., Jr.—S. B. Nebraska 1913. Physician, 514 1st Nat. Bk. Blg. Lincoln, Neb.

Reid, Horace Withers—A. B. Central Univ. of Kentucky 1911, and A. M. 1912.—Physician, Groton Bldg. Cincinnati, O.

Reynolds, Fred Dawson—S. B. Alabama 1912.—Physician, Montgomery, Ala.

Reynolds, Lawrence—A. B. Alabama 1912.—Asst. Roent. Harper Hosp. and Roent. Chldn's. Hosp. Detroit, Mich.

Roberts, Francis Errett—A. B. Bethany 1910.—Physician, Wheeling, W. Va.

Sevier, Charles Edward—S. B. Vanderbilt 1912.—Physician, Brownsville, Tenn.

Sevier, John Alston—S. B. Vanderbilt 1912.—Staff Cragmoor San. Colo. Spgs. Colo.

Smith, Daniel Glen—S. B. Union 1912.—Physn. Caldwell, O.

Smith, Taylor Bivens—A B. Marietta 1912.—Physician, Caldwell, O.

Southard, William White—A. B. Stanford 1910.—(Major, M. C. Washington, D. C.) Manila, P. I.

Speed, James Spencer—A. B. Virginia 1912.—Orth. Surg. Memphis, Tenn.

Stifel, Richard Ernest—A. B. Harvard 1912.—Physn. 14740 Euclid Ave. Cleveland, O.

Stoddard, James Kent—A. B. Princeton 1912.—Physician, Dedham, Mass.

Sutton, Alan Callender—A. B. 1912.—Asst. Disp. Physn. Instr. Clin. Anat. and Physn. Baltimore.

***Sutton, Thomas Lynn**—A. B. Michigan 1912. (*Died Nov.* 4, 1922.)

Thomas, Henry M., Jr.—S. B. Haverford 1912.—Physn. Chg. Med. Disp.

Warinner, Junius Ernest, Jr.—A. B. Richmond 1912.—Assoc. Prof. Med. Med. Coll. of Va. and Physician, Richmond, Va.

Wheeler, Theodora (Mrs. T. W. Finney)—A. B. Vassar 1911.—Research Fellow, Mayo Clinic, Rochester, Minn.

White, Samuel Augustus—S. B. South Carolina 1912.—Maj. M. C. U. S. A. Army Med. Sch. Washington, D. C.

Wislocki, George Bernays—A. B. Washington U. (St. Louis) 1912.—Assoc. Prof. Anat. J. H. U.

Zimmerman, Ernest Ludwig—A. B. Dartmouth 1912.—Physician, 3 E. Center St. Baltimore.

Briggs, Rowland Sill—S. B. and M. S. Calif. 1913; Roent. Mercy Hosp. Pittsburgh, Pa. (*Degree granted February* 22, 1917.)

Henry, George William—A. B. Wesleyan (Ct.) 1912.—Dir. Laby. Bloomingdale Hosp. White Plains, N. Y. (*Degree granted February* 22, 1917.)

1917

Amberson, James Burns, Jr.—Ph. B. Lafayette 1913; Sr. Asst. Physn. Loomis San. N. Y.

Anderson, James Kerr—A. B. Washington and Jefferson 1913.—Physician, 701 Hastings St. E. E., Pittsburgh, Pa.

Anderson, Walter Thomas—A. B. Washington and Jefferson 1913.—Physician, St. Paul Minn.

Baird, John Herman—A. B. Kenyon 1913.—Physician, U. S. Vet. Hosp. No. 81, the Bronx, N. Y.

Banks, Horace McMurran—A. B. Washington and Lee 1913.—Physician, Shepherdstown, W. Va.

***Belchter, Burton Elias**—S. B. Florida State 1905. (*Died November* 1918.)

Blake, William Campbell—S. B. Harvard 1913.—Internist, Tampa, Fla.

Blanchard, Irene M.—A. B. Michigan 1898.—Physician, Webster Grove, Mo.

Brady, Leo—A. B. 1913.—Physician, 1107 St. Paul St., Baltimore.

Brosius, William Lewis, Jr.—A. B. Missouri 1915.—Lab. Diag. Det. Clin. Lab. Detroit, Mich.

Brown, G. Bedford, Jr.—A. B. Georgetown 1912, and Yale 1913.—Surg. Lexington, Ky.

Bullard, Hugh Max—S. B. and M. S. Bucknell 1913 and 1920.—Attend. Surg. 5525 Walnut St. Philadelhpia.

Callander, Curie Latimer—A. B. Harvard 1913.—Surgeon, San Francisco.

Carroll, Alice Berry (Mrs. E. K. Marshall, Jr.)—S. B. Ohio State 1911.—3308 Carlisle Ave.

Carter, John Meynard—A. B. Missouri 1914, A. M. 1915.—Physn. David Whitney Bldg. Detroit.

Clark, George Arthur—S. B. Hamilton 1913.—Path. Moses Taylor Hosp. Scranton. Pa.

Clarke, Hallie Marguerite (Mrs. C. R. Rigby)—S. B. Syracuse 1912.—Spartanburg, S. C.

Davidson, Herman Porter—A. B. Washington and Lee 1913.—Assoc. in Ophth. Rush M. C., Oculist, 22 E. Washington St. Chicago.

Davison, Wilburt Cornell—A. B. Princeton 1913; B. A. and B. Sc. Oxon 1915-16, M. A. Oxon. 1919.—Assoc. Prof. Pediatrics and Disp. Physician.

Doege, Karl Herman—S. B. Wisconsin 1914.—Marshfield Clinic, Wis.

Doub, Howard Philip—A. B. Western Maryland 1913.—Roent.-in-Chf. Henry Ford Hosp. Detroit, Mich.

Fear, Raymond Durstan—A. B. Hamilton 1913 and A. M. 1917.—Student, J. H. U. Sch. Hyg. and Pub. Hlth.

Fowle, Hubert William—A. B. Williams 1910.—Woburn, Mass.

Frishman, Morris—S. B. Pittsburgh 1913.—U. S. Vet. Bur. 5515 Jackson St. Pittsburgh.

Gailey, Herman Anderson—A. B. St. John's 1913.—Physn. York, Pa.

Gamble, Thomas Owen—S. B. Alabama 1912. —Instr. Obstet. Albany Med. Sch. and Physician, 180 Washington Ave. Albany, N. Y.

Gay, Leslie Newton—Ph. B. Lafayette 1913; Instr. Clin. Med. and Physician, Balto.

Groover, Gordon Lewis, Jr.—A. B. Washington and Lee 1912.—Physn. Savannah, Ga.

Guy, Ruth Alline—A. B. Barnard 1912.—Instr. Ped. Yale, New Haven, Ct.

Hardy, George Edward Webb, Jr.—A. B 1913.—Surg. Tampa, Fla.

Hartman, Frank Wilbur—A. B. Knox 1913.—Physn. 1208 Virginia Pk. Detroit, Mich.

Hoffman, Robert Val—A. B. St. John's 1913; Dir. Scien. Resch. U. S. Inter. Dept. Soc. Hyg. Bd. Internist. "The Clinic," South Bend, Ind.

Hohman, Leslie Benjamin—A. B. Missouri 1912; Res. Phipps Psy. Clinic and Assoc. in Psych.

Howard, Sarah Ernestine—A. B. Wellesley 1911.—122 Summer Ave., Reading, Mass.

Jackson, Waddie Pennington—A. B. Randolph-Macon 1910.—Physician, Roanoke, Va.

Jacobs, Louis Llewellyn—A. B. 1913.—Physician, San Diego, Calif.

Janney, John Hall, Jr.—S. B. Earlham 1913. —Spec. Staff Officer Internat. Hlth. Bd. Caixa Postal 49, São Paulo, Brazil.

Johnson, Robert Wilkinson, Jr.—A. B. Princeton 1912; Instr. Clin. Orth. Surg.

Ketzky, Joseph W.—S. B. Alabama Polytechnic 1912.—Externe in Medicine and Physician, Baltimore.

King, Merle William—A. B. Allegheny 1908. —Visit. Urol. St. Luke's and Charity Hosps. Cleveland.

Koch, John Christian—S. B. Georgia 1904. —Pediatric. O. P. D. Harper Hosp. and Physician, Detroit.

Kolls, Alfred C.—S. B. Wisconsin 1914, and M. S. 1915.—Assoc. in Physiol.

Linden, Harry—A. B. 1912.—Physician, 1404 Madison Ave., Baltimore.

Linthicum, Frederick Hamilton—A. B. Loyola 1912.—Physician, Pacific Mut. Bldg. Los Angeles, Calif.

Luckett, Coen L.—A. B. Illinois 1914.—Surgeon, Terre Haute, Ind.

McCartney, James Shearer, Jr.—A. B. Washington and Jefferson 1913.—Asst. Prof. Path. U. of Minn. Minneapolis, Minn.

McGauley, Frederick Francis—S. B. Union 1912.—Surg. Schenectady, N. Y.

McMeen, Claude Vincent—Ph. B. and A. M. Dickinson 1913-17.—Physician, Springfield, Ill.

McNeal, Morley Daniel—A. B. Iowa 1913. —Physician, Highland Pk. Ill.

Mann, Hubert—A. B. Union 1917-18.—Physn. 124 E. 61st St. New York, N. Y.

Marshall, Eli Kennerley, Jr.—S. B. Charleston 1908; Ph. D. 1911.—Prof. Physiol.

Martzloff, Karl Henry—A. B. Oregon 1913. —Surgeon, 1010 E. Burnside St., Portland, Ore.

Merritt, Katherine Krom—A. B. Vassar 1908.—Adj. Asst. Attend. Bellevue Children's Hosp., Pedn. 101 E. 74th St. N. Y.

Micklethwaite, Gilbert Richard—S. B. Ohio 1913.—Physician, Portsmouth, O.

Miller, Frederick A.—A. B. St. John's 1912. —State Dir. Rockefeller Fdn. Bogata, Colombia, S. A.

Moise, Theodore Sidney, Jr.—A. B. Georgia 1911.—Instr. in Surg. Yale and Asst. Res. Surg. New Haven Hosp. Conn.

Nicholson, Hubert Maurice—S. B. Oklahoma 1912.—Physician, Harlingen, Texas.

Novak, Edward—A. B. 1913.—Physician. 821 N. Patterson Park Ave.

Payne, Louis Ernest, Jr.—A. B. St. John's 1912.—Willard Parker Hosp. N. Y.

Pulford, DeLos Schuyler, Jr.—S. B. Trinity (Conn.) 1912.—1st Asst. Staff Surg. Path. Mayo Clin. Rochester, Minn.

Reber, Ralph Louis—Ph. B. Franklin and Marshall 1913.—Physn. Reading, Pa.

Rice, John L.—S. B. Wesleyan (Conn.) 1912.—P. R. Hlth. Officer, New Haven, Conn.

Riggin, Irl Cephas—A. B. Western Maryland 1913.—Phys. Windsor, La.

Sanger, Bertram Julian—A. B. Texas 1913. —Physician, 285 Cent. Pk. W. N. Y.

Schultz, Edwin William—S. B. Winona 1913; A. B. Michigan 1914.—Assoc. Prof. and Head Dept. Bact. and Exp. Path. Stanford Univ. Calif.

Sharp, Robert G.—S. B., M. S. and Ph. D. California 1911, 1913 and 1914.—San Diego, Calif.

Shearer, Joseph Pardoe—S. B. Bucknell 1913.—Farragut Apt. Washington, D. C.

Sherrill, James Winn—A. B. Baylor 1913.—Physician, 660 Park Ave. N. Y.

Shipton, George Mardsen—A. B. Williams 1913.—Physn. Pittsfield, Mass.

Shulman, David Nathaniel—A. B. 1913; Fellow in Med. 1921-22.—

Smith, Eben Elliott—S. B. Moore's Hill 1913.—(Lieut. M. C. U. S. N.); Naval Hosp. Brooklyn, N. Y.

Sosman, Merrill Clary—A. B. Wisconsin 1913.—Instr. in Roent. Harvard, Boston.

Staehle, Richard Henry—S. B. Princeton 1913.—Physician, Newark, N. J.

Stafford, Frank Williams John—A. B. Michigan 1914.—Physician, Smith Bldg., Detroit, Mich.

Stewart, Robert Boyd—A. B., A. M. and B. Ss. Toronto 1905, 1906 and 1909.—Physn. and Surg. Toronto, Can.

Stifel, John Louis—A. B. Harvard 1913.—Physician, 2265 Scottwood Ave. Toledo, O.

Sturgis, Cyrus Cressey—S. B. Washington 1913.—Instr. in Med. Harvard, Boston.

Summers, William Shakespeare—A. B., S. B., and A. M. Missouri 1914 and 1915.—

Physician, David Whitney Bldg. Detroit, Mich.

Tibbetts, Mark Hopkins—S. B. Parsons 1912.—Surg. Duluth, Minn. (1st Lieut. M. C.)

Tillett, William Smith—A. B. North Carolina 1913.—Physn. Charlotte, N. C.

Tischler, Max—Ph. B. Lafayette 1913.—Physn. Wilkes-Barre, Pa.

***Twigg, Nial Franklin**—A. B. St. John's 1913.—(*Died October* 10, 1918.)

Tyler, Margaret—A. B. Mt. Holyoke 1913. Clin. Instr. Obs. and Gyn. Yale M. S. and Physician, New Haven, Conn.

Van Nostrand, Hobart Sanford—S. B. Colgate 1913; 2d Asst. N. Y. State Hosp. Incip. Tb., Raybrook, N. Y.

Wason, Isabel M.—A. B. Western College for Women 1911.—Brady Lab. New Haven Hosp. Conn.

Webb, Robert Alexander, Jr.—A. B. Southwestern Presbyterian 1910; (Capt. M. C.) Wembley Pk. Middlesex, Eng.

White, John Bonar—A. B. Davidson 1910.—Physn. 85 Drewry St., Atlanta.

Wilkinson, George Richard—S. B. Davidson 1912.—Vis. Phys. Hopewell Sa. and Physician, Greenville, S. C.

Worthington, Frank Dallam—A. B. Princeton 1913.—Physician, Frederick, Md.

Wright, Mary—A. B. Vassar 1911.—Physician, 634 Commonwealth Ave. Newton Centre, Mass.

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1918

Arnold, Clement Harrisse—A. B. Stanford 1910.—Physn. 209 Post St. San Francisco.

Baylor, John Ward—A. B. Washington and Lee 1914.—Assoc. in Laryn. and Asst. Visit. Otolaryn. J. H. H.

Blair, Harry Edwin—A. B. West. Md. 1914. Vis. Pedn. Wash. Co. Hosp. and Pedn. Hagerstown, Md.

Bollinger, Herman John—S. B. Heidelberg (Ohio) 1914.—Asst. in Bacteriol. (1st Lieut. M. C.) Clin. Lab. and Internal Med. 216½ Mich. St., Toledo, O.

Bowden, David Thomas, Jr.—A. B. 1914.—Asst. in Med.

Brewster, Albert Howell—A. B. Virginia 1914.—Surgeon, Boston.

Cathrall, Friedman Holmes—S. B. Bucknell 1914.—Obstn. Priv. Mater. Hosp. Scranton, Pa.

Coblentz, Richard Gilmore—A. B. 1914.—Res. Church Home and Inf.

Conroy, Frank Davies—A. B. North Carolina 1914.—Res. Phys. Cinn. Gen. Hosp. Cinn. O.

Craddock, Alva Brown—S. B. and M. S. Howard 1908 and 1909.—Physician, Asheville, N. C.

***Day, Edgar Mortimer**—A. B. Princeton 1914. (1st Lieut. M. C.) (*Drowned July* 23, 1919.)

Dorsey, John Lanahan—A. B. 1914.—Asst. Clin. Med. and Physician, 1129 St. Paul St.

Douglas, Beverly—Litt. B. Princeton 1914.—Interne, New Haven Hosp. Conn.

Dunham, Ethel Collins—A. B. Bryn Mawr 1914.—Instr. Ped. Yale and Chf. Ped. Clin. New Haven Disp. Conn.

Eliot, Martha May—A. B. Radcliffe 1913.—Res. Ped. New Haven Hosp. and Instr. Ped. Yale M. S.

Elmendorf, John Edward, Jr.—A. B. Rutgers 1914.—Bd. Hlth. Guatemala City, Guatamala.

Foley, Frederic Eugene Basil—Ph. B. Yale 1913.—Physn. Hamm. Blg., St. Paul, Minn.

Fuller, Lawrence Stokes—S. B. South Carolina 1914.—Psychia. Inst. Morristown, N. J.

Gager, Leslie Tracy—A. B. Yale 1914; Instr. Med. Cornell Univ.—Physn. N. Y.

Germann, Hildegarde Catherine—A. B. Vassar 1913.—Staff Blessing Hosp. Quincy, Ill. Sec. Staff, P. G. work in Vienna and Prague, 1922-23.

Getz, Lawrence—A. B. 1914.—Instr. in Path. Physician, 1111 W. Lanvale St.

Ghormley, Ralph Kalb—S. B. Whitworth 1914.—Asst. in Orth. Harvard M. S. and Clin. Asst. Orth. Chldn's Hosp. and Orth. Surg. 234 Marlborough St. Boston.

Goldsberry, Blaine Randolph—S. B. Ohio 1914.—Physician, Athens, O.

Green, John Summerfield, Jr.—S. B. Lafayette 1914.—Physician, Towson, Md.

Griffith, Harry La Verne—A. B. Ohio State 1914.—Physician, Columbus, O.

Harwood, Garland Melvin—A. B. Richmond 1914. (1st Lieut. M. C.) Physician, 1119 W. Grace St., Richmond, Va.

Herman, Nathan Bernard—A. B. 1914.—Asst. in Clin. Med. Asst. Disp. Physn. and Physn. Baltimore.

Hillman, Rolfe Louis—A. B. Emory and Henry 1914.—Physician, Wilder, Va.

Holman, Emile Frederic—A. B. Stanford 1911.—Res. Surg. Peter Bent Brigham Hosp. Boston.

Houseal, Robert Wright—A. B. Newberry 1911; A. M. Virginia 1913.—Asst. Prof. Med. U. of Ga. and Physn. Augusta, Ga.

Huck, John Gardiner—A. B. 1913; Instr. Med. (Clin. Lab.) J. H. U.

Hughson, Walter—S. S. Princeton 1914.—Assoc. in Surgery and Applied Anat.

Huiskamp, John Edabduel—A. B. Harvard 1898.—The Greenway.

Johnson, S. Lloyd—A. B. Goshen 1914.—Asst. Prof. Med. U. of Md. and Clin. Path. Univ. Hosp. Baltimore.

Jordan, Carl Fred—A. B. Iowa 1914.—Yangchow Bap. Hosp. China.

Key, John Albert—S. B. Ala. Poly. 1913.—Asst. Orth. Surg. U. of Md. and Orth. Surg. 1014 St. Paul St.

Keyser, Linwood Dickens—A. B. Virginia 1914; M. S. Minnesota 1921.—Physician, Roanoke, Va.

Kite, Joseph Hiram—A. B. Randolph-Macon 1914.—Physician, Elkton, Va.

***Klecan, Janina Constance**—Gymn. Lemberg 1903. (*Died Oct.* 9, 1922.)

Koontz, Amos Ralph—A. B. and S. B. William and Mary 1910 and A. M. 1911.—Asst. Disp. Surg. and Surgeon, 1014 St. Paul St.

Krumrein, Louis Frederick—A. B. George Washington 1914.—Instr. Bact. and Immunol. U. of Md. and Asst. Clin. Med. J. H. U. and Physn. 722 N. Kenwood Ave.

Lane, Clifford M.—A. B. Washington and Jefferson 1913; Staff G.-U. Clin. Pbgh. Pa.

Lentz, Carlisle Sanford—A. B. Creighton 1914.—Prof. Hosp. Adräin. Med. Med. Dept. U. of Ga. and Dir. Clinic, Augusta.

Levy, Charles Summer—A. B. 1914.—Surgeon, Baltimore.

Lincoln, Jennings Sipe—A. B. Elon 1911.—Physician, Montclair, N. J.

***Linton, Edwin Scott**—A. B. Washington and Jefferson 1913. (*Died in France, Nov.* 14, 1917.)

McCown, Albert Smith—A. B. Washington and Lee 1910.—Physician, Tacoma, Wash.

McFee, William Frank—A. B. Tennessee 1914.—St. Luke's Hosp. N. Y.

Martindale, Joseph Watson, Jr.—Ph. B. Yale 1913.—Physician, 3 E. Preston St. Balto.

Mateer, John Gaston—A. B. Wooster 1911.—Physn. Henry Ford Hosp. Detroit, Mich.

Mayer, William Frederick—A. B. Princeton 1914.—Assoc. Ped'n. Conemaugh Val. Mem. Hosp. and Pedn. Johnstown, Pa.

Meekins, Gilbert Edison—S. B. Washington 1913.—Physician, Cambridge, Md.

Menagh, Frank Robert—A. B. Iowa 1914.—Physn. Henry Ford Hosp. Detroit.

Michael, Edith S. (Mrs. Samuel Buyer)—A. B. Lyceum Fliegelmann, Vienna 1911.—Physn. 320 Cent. Pk. W. N. Y.

Montgomery, John Chalmers—A. B. Michigan 1914 and A. M. 1915.—Physician, Henry Ford Hosp. Detroit, Mich.

Morgan, Hugh Jackson—S. B. Vanderbilt 1915.—Res. Phys. Hosp. Rockefeller Inst. N. Y.

Nachlas, Israel William—A. B. 1914.—Instr. Clin. Orth. Surg. and Surg. Balto.

Noble, William Dove—A. B. and A. M. St. John's 1914 and 1919.—Asst. Disp. Surg. and Physn. 1120 St. Paul St.

Oppenheimer, Ella—A. B. Bryn Mawr 1914.—Dir. Div. Child Hyg. Chldn. Bur. U. S. Dpt. Labor, Washington, D. C.

Pardee, Katherine—A. B. Wellesley 1912.—Fellow, Mayo Fdn. Rochester, Minn.

Penfield, Wider Graves—Litt. B. Princeton 1913; A. B. 1916, A. M and B. Sc. 1920, Oxon.—Asst. Surg. N. Y. Neurol. Inst., Attend. Neurol. Vanderbilt Clinic, N. Y.

Phythyon, Daniel—S. B. Westminster 1914.—Chf. Child Welfare and Prenatal Clin. Sharin, Pa.

Porter, Clarence Chipley—A. B. 1914.—Instr. Gynecol. and Obstet. U. of Cal. and Physician, San Francisco.

Rankin, John Paul—A. B. Ohio Wesleyan 1914.—Surg. Int. and St. Luke's Hosp. N. Y.

Ransom, Clarence Albert—S. B. Fargo 1914.—Physn. 3416 R. St. N. W., Washington, D. C.

***Rich, Lyle Barnes**—A. B. North Dakota 1914.—(Died in France Dec. 8, 1917.)

Richter, Ina May—A. B. Bryn Mawr 1908.—Asst. in Med. U. of Cal.; Mbr. Staff Chldn. Hosp. and Physn. San Francisco.

Rosen, Robert—S. B. Mich. Agricult. 1913.—Urol. United Jewish Char. and Urolog. Detroit.

Rushing, Emmett Orren—A. B. Texas 1913.—Physician, Med. Arts Bldg. Dallas, Tex.

Sachs, Louis—A. B. 1914.—Surg. The Marlborough, Balto.

Scott, William Justus Merle—A. B. Oberlin 1914; A. M. Columbia 1922.—Asst. Res. Surg. Peter Bent Brigham Hosp. Boston.

Shirley, Harold Clinkscales—S. B. Mil. Coll. S. C. 1913; A. M. S. C. 1914.—Laryngologist, Charlotte, N. C.

Smith, Woodruff—A. B. Williams 1914.—Dept. Surg. Yale, New Haven, Ct.

Southworth, John Deane—A. B. Kenyon 1911.—Interne, St. Mary's Free Hosp. for Chldn. N. Y.

Spalding, Edward D.—S. B. Princeton 1914.—Physn. Whitney Bldg. Detroit.

Stewart, Horace Gentry—S. B. Mass. Inst. Tech. 1914.—Physician, 224 Loraine Ave. Cincinnati.

Stone, Phebe—A. B. Goucher 1914; Physn. Kin Kiang, Kiangsi, China; Physn. Bethel Hosp. Shanghai, China.

Swartz, Ralph Easterday—A. B. Kansas 1914.—Instr. Path. U. of Cal. and Physn. San Francisco.

Tannenbaum, Karl Hart—A. B. Wabash 1914.—Assoc. Surg. Michael Reese Disp. Chicago.

Verplanck, Van Noyes—A. B Yale 1914.—Physician, 114 E. 54th St. N. Y.

Wadsworth, Harvey Bryan—A. B. North Carolina 1909.—Physn. New Bern, N. C.

Wagner, Charles Edward—Ph. B. Dickinson 1914.—Physn. 303 W. 11th St. Wilmington, Del.

Ward, James Alto—A. B. Howard 1914.—Physician, 604 N. 20th St. Brimingham, Ala.

Wilkins, Lawson—A. B. 1914.—Physician, 1014 St. Paul St.

Witzeman, Louis Alexander—A. B. Harvard 1913.—Physician, Akron, O.

Woolley, Le Grand—A. B. Utah 1911.—Physn. Salt Lake City, Utah.

Yager, Rodes Estill—S. B. Georgetown 1913.—Palacia Santa Catalina, San Juan, P. R.

***Hobbs, Royal Lee**—A. B. St. John's 1914.—(*Degree granted October* 1, 1918.) (*Died Mar.* 29, 1920.)

Stump, Elmer Raymond—A. B. Georgia 1912. —St. Francis Hosp. N. Y. (*Degree granted October* 1, 1918.)

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1919

Adams, Enoch Hermon—A. B. Bates 1913. —Asst. Surg. Geisinger Hosp. Danville, Pa.

Armstrong, Jane B.—A. B. Smith 1910.—Physician, Rome, N. Y.

Athens, Alvin Glenwood—A. B. DePauw 1915.—Physn. Buhl, Minn.

Baskett, Edgar Drane—A. B. and A. M. Missouri 1915 and 1916. — Physn. Aberdeen Clinic, S. D.

Benedict, Mary Kendrick—A. B. Vassar 1897; Ph. D. Yale 1903.—The Ring San. & Hosp. Inc. Arlington Hghts. Mass.

Bogart, Franklin Blevins—S. B. and M. S. Wisconsin 1916 and 1917.—Dir. Erlanger Hosp. X-Ray and Clin. Labs. Chattanooga, Tenn.

Bowcock, Harold Mathew—S. B. and M. S. Michigan 1916 and 1917.—Instr. Med. Emory Univ. and Physician, Atlanta, Ga.

Breitstein, Moses Lewis—A. B. Richmond 1915.—Asst. in Laryn. J. H. H. and Asst. Surg. Balt. Eye & Ear Hosp.

Broyles, Edwin Nash—S. B. Georgia 1915. —Instr. in Clin. Laryn.

Carr, Eugene Morrison—A. B. Pennsylvania 1913.—Physn. Henry Ford Hosp. Detroit.

Cash, James Robert—A. B. and A. M. Virginia 1914 and 1915.—Pathol. City Hosp. and Assoc. in Path.

Casparis, Horton Ryan—A. B. Texas 1915. —Res. Physn. and Assoc. in Pediatrics.

Chapman, Leland Stanford—S. B. Occidental 1915.—Interne, Ancon Hosp. C. Z.

Cheetham, John Gardner—A. B. St. Lawrence 1913.—Surgeon, Elec. Bldg. Portland, Ore.

Chenoweth, Laurence Benjamin—A. B. 1914. —Prof. Hyg. Univ. of Cin. Cincinnati, O.

Cissel, Benjamin Milton—A. B. St. John's 1914.—Res. Surg. L. I. Coll. Hosp. Brklyn. N. Y.

Cohn, L. Clarence—A. B. 1915.—Surg. Path. Lab. J. H. H. and Surgeon, Balto.

Craig, Winchell McKendree—A. B. Ohio Wesleyan 1915.—Fel. Surg. Mayo Fdn., Asst. Surg. Path. Rochester, Minn.

Creighton, Catherine (Mrs. Eugene M. Carr) —A. B. Bryn Mawr 1914.—691 Merrick Av. Detroit.

Davidson, Leonard Tomb—A. B. Oberlin 1912. — Res. Phys. Chldns. Hosp. St. Louis, Mo.

Davis, James Edward—A. B. Roanoke 1915. —Physician, Hartford, Ct.

Demmond, Edward Carson—A. B. Emory 1915.—Staff Obstn. Telfair Hosp. and Physician, Savannah, Ga.

Dennis, Helen George—A. B. Oregon 1913. —Physician, Portland, Ore.

Duncan, Edgar Everett—A. B. Arkansas 1915. — Asst. Res. Obstn. and Instr. in Obstet.

Dunlap, Ralph Harpel—A. B. Albright 1914. —Instr. Obstet. U. Pittsbgh. Med. Sch. and Physn. Pittsburgh, Pa.

Dunn, James Ralph—S. B. Davidson 1915. —Laryn. Camden, S. C.

Ebaugh, Franklin Gessford—A. B. 1915.—Res. and Dir. Neuropsych. Dpt. Phila. Gen. Hosp. Phila.

Farrall, Hortensia Amanda (Mrs. Elliott S. A. Robinson) — S. B. Simmons 1912.—Physn. Jamaica Pl. Boston.

Finney, John Miller Train, Jr.—S. B. Princeton 1915.—Res. U. P. I. Baltimore.

Finney, Thomas Samuel—A. B. Wabash 1915. —Physician, Wichita, Kans.

Flowers, Earl Newton—A. B. West Virginia Wesleyan 1915.—Phys. and Surg. Clarksburg, W. Va.

Gray, Watson Womack—A. B. Randolph-Macon 1915.—Instr. in Obstet.

Greenhill, Jacob Pearl—S. B. City of New York 1915. — Instr. Obstet. Northwestern M. S. Extern Obstn. Chgo. Lying-in-Hosp. & Disp. Chicago.

Hannon, Robert Roger—S. B. Washington 1915.—Res. Phys. and Instr.

Hanrahan, Edward M., Jr.—A. B. Cornell 1915.—Instr. Clin. Anat. and Surg. Balt.

Harbison, John William—A B. and A. M. Trinity (N. C.) 1912 and 1915. — Res. Surg. Shelby Hosp. Shelby, N. C.

Harvey, George Givins—A. B. and A. M. Missouri 1916 and 1917.—Phys. 728 E. Capital Ave. Springfield, Ill.

Herlinger, Ralph David—S. B. Hobart 1915. —Physician, Warren, O.

Higgins, Harold Leonard—A. B. Harvard 1907.—Asst. Prof. Ped. U. of Cin. Cincinnati.

Holmes, Champneys Holt—S. B. Georgia 1915.—Instr. Med. Emory Univ. and Physician, Atlanta, Ga.

Holtz, Paul Roscoe—A. B. Western Maryland 1915.—Physn. Wheatland, Wyo.

Hubbard, Lois—A. B. Vassar 1915; Asst. Physn. St. Elizabeth's Hosp. Washington, D. C. 1919-23.—

Hussey, Cyril Christopher—S. B. Ohio 1915. —Physn. Sidney, O.

Huyler, Washington Connor—S. B. Columbia 1915.—Asst. Surg. U. S. P. H. S. Hosp. N. Y.

Johnston, Robert Alexander—S. B. Alabama 1915.—Obstn. Houston Clin. and Obstn. Houston, Tex.

Josephs, Hugh Wilson—A. B. Harvard 1914. —Asst. Res. Ped. J. H. H. and Instr. in Ped.

Kerr, H. Dabney—S. B. Wisconsin 1916.—Hope Hosp. Hwai-Yuan, Anhwei, China.

Kinnamon, Howard Athos — S. B. Earlham 1915.—Physician, Crawfordsville. Ind.

Kunkel, William Minster—A. B. Franklin and Marshall 1915. — Chf. Med. Inspctr. Schools and Physician, Harrisburg, Pa.

Liberles, Lucille—A. B. Goucher 1915.—Adj. Ped. Hebrew Hosp. and Physn. 2347 Eutaw Pl., Baltimore.

Lee, Ferdinand Christian—A. B. Cornell 1915.—Assoc. in Anatomy.

McLean, Jay—S. B. California 1914; A. M. Pennsylvania 1917.—Nat. Resch. Coun. Fel. 1922-24. Liebig Str. 20, Leipzig.

Macklin, Madge Thurlow—A. B. Goucher 1914.—Instr. Histol. and Emb. Med. Sch. U. Westn. Ont. London, Ont.

Macgowan, Birkhead—S. B. Tennessee 1915. —Sup. and Res. Physn. Sydenham Hosp.

McIntosh, William Alexander—A. B. and A. M. Oberlin 1913 and 1915.—Hlth. Comm. Loram Co. Ohio (Oberlin).

Martin, Hilmar George—A. B. and M. S. Wisc. 1915 and 1916.—Physician, 873 Grant Blvd. Milwaukee, Wis.

Moench, Laura Mary—A. B. Wellesley 1914. —Fellow, Mayo Fndn. Rochester, Minn.

Monfort, John Merrell—A. B. Emory 1915. —Instr. Med. Emory U. and Physn. Atlanta, Ga.

Murray, Doris Audrey—A. B. McGill 1915. — 254 Douglass Ave., St. John's, N. B. Canada.

Musselman, Luther — S. B. Penna. 1915; Ph. D. Yale 1923.—Assoc. Attend. Obstn. and Gyne. Yale M. S. New Haven, Conn.

O'Brien, Joseph Grant, Jr.—A. B. St. Francis Xavier 1914.—Surgeon, Butte, Mont.

Ormont, Alexander Thomas, Jr.—A.B. Princeton 1912.—Physn. 64 Warrington Pl. E. Orange, N. J.

Parsons, Charles Edwards—A. B. Amherst 1913 and Colorado 1914.—Med. Of. Chg. Notre Dame Bay Mem. Hosp. Twillingate, Newfoundland.

Paul, John Rodman—A. B. Princeton 1915. —Dir. Ayer Clin. Lab. Penn. Hosp. Philadelphia.

Paxman, Dalton Gordon—A. B. and M. S. North Dakota 1914 and 1915.—Physician, 5376 Wentworth Ave. Oakland, Cal.

Platt, Anna—A. B. Bryn Mawr 1909.—Physn. 162 E. 37th St. N. Y.

Price, James Valentine, Jr.—A B. North Carolina 1915.—Physn. Madison, N. C.

Purcell, Robert Emmet—A. B. Mich. 1915. —Physician, Monessen, Pa.

Purdy, Ann Peril (Mrs. Emile Holman)—A. B. McGill 1915.—Dir. Clin. and Path. Lab. Hebrew Hosp.

Reese, Elizabeth Mintie (Mrs. Frederick J. Wilkins)—A. B. Goucher 1908.—Phys.-in-chg. A. E. L. M. Hosp. Rajahmundry, India.

Rich, Arnold Rice—A. B. and A. M. Virginia 1914 and 1915. — Assoc. Prof. in Path. and Res. Pathol.

Rienhoff, William Francis, Jr.—A. B. Cornell 1915.—Res. Surg. and Instr. in Surg.

Robnett, Dudley Anderson—A. B. and A. M. Missouri 1916 and 1917.—Instr. Path. U. Mo. and Physn. Columbia, Mo.

Rowe, George Davis—A. B. Fredericksburg 1910; S. B. Wake Forest 1916.—Physn. 900 St. Paul St. Baltimore.

Sacks, Benjamin—A. B. 1915.—Fellow, Mt. Sinai Hosp. New York.

Schumacher, Irwin Clement—A. B. California 1915.—Instr. in Med. Univ. Cal. San Francisco.

Stevenson, George Salvadore—S. B. and M. S. Bucknell 1915 and 1919.—Psych. Tr. Sch. Vineland, N. J.

Stewart, Harold Julian—A. B. 1915, and A. M. 1923. — Asst. Res. Phys. Hosp. Rockefeller Inst. and Asst. in Med. N. Y.

Strongman, Bessie Talbot—S. B. Chicago 1915.—Physn. Pittsfield, Mass.

Swarthout, Edyth Claire—A. B. and A. M. Wisconsin 1913 and 1917.—Physician, La Crosse, Wis.

Thomas, Frank Carleton—A. B. Randolph-Macon 1915.—Physician, Lexington, Ky.

Uhler, Claud Irving—A B. 1915.—Physician, Dallas, Tex.

Voshell, Allen Fiske—A. B. 1915.—Instr. Orth. U. of Va. Charlottesville.

Wallerstein, Emanuel U.—A. B. Virginia 1914.—Jr. Attend. Surg. O. R. L. Mem. Hosp. and Physician, Richmond, Va.

Webster, Leslie Tillotson—A. B. Amherst 1915.—Assoc. Rockefeller Inst. N. Y.

Williams (George) Huntington—A. B. Harvard 1915; Dr. P. H. J. H. U. 1921.—Dist. State Health Officer, N. Y. State Hlth. Dpt. Albany, N. Y.

Williams, Judson Thomas—A. B. Colorado 1915.—Physician, Colo. Spgs. Colo.

Willis, Henry Stuart—A. B. North Carolina 1914; A. M. J. H. U. 1920.—Assoc. in Med.

Winans, Henry Morgan—A. B. Leland Stanford 1916.—Asst. Prof. Clin. Med. and Disp. Physn. Baylor Med. Sch. and Physician, Dallas, Tex.

Wright, H. Garner—S. B. Washington 1913. —Surgeon, Seattle, Wash.

Youmans, John Barlow—A. B. and M. S. Wisconsin 1915 and 1916.—Instr. Int. Med. U. of Mich. Ann Arbor.

Bowe, Dudley Pleasants—A. B. U. of Richmond 1915.—Asst. in Obstet. U. of Mo.; Assoc. Obstet. St. Agnes Hosp. and Surgeon, 904 N. Charles St. Baltimore. (*Degree granted Oct.* 7, 1919.)

Bowman, Paul J.—A. B. Lebanon Valley 1915.—Chf. Surg. Redwood Coast Hosp. and Physn. and Surg. Ft. Bragg, Cal. (*Degree granted, Dec.* 3, 1919.)

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1920

Allen, Wilmar Mason—A B. Haverford 1916. —Instr. in Obstet. J. H. U.

Baer, Ridgely Waters—A. B. 1916.—Physician, Frederick, Md.

Bailey, Garland Howard—S. B. West Virginia, 1915; Dr. P. H. Sch. Hygiene and Public Health, 1921.—Instr. Prev. Med. and Hygiene, Harvard, Boston.

Browder, Eli Jefferson—A. B. Emory and Henry 1915.—Ship Sur. S. S. Ajax, Liverpool, Eng.

Brown, Paul E.—S. B. Emory 1915.—Physician, Scranton, Pa.

Browne, Florence A.—A. B. Vassar 1908.—Pedn. Mich. Dpt. Hlth. Lansing, Mich.

Burns, John Gillett—A. B. Southwestern

1916.—Fel. in Surg. Mayo Clinic, Rochester, Minn.

Caldwell, William Courette—A B. La. State 1911, and M. S. 1912.—Path. St. Mary's Hosp. and Deaconess Hosp. Evansville, Ind.

Carrington, George Lunsford—A. B. North Carolina 1913; A. M. Trinity 1916.—Chf. Res. Bryn Mawr Hosp. Pa.

Carter, Fred Gay—A. B. Wisconsin 1911. —Asst. Res. Phys. City Hosp. Cincinnati.

Caulfield, Ernest Joseph—S. B. and M. S. Trinity (Ct.) 1916 and 1922.—Physician, 31 Owen St. Hartford, Conn.

Chamberlain, Hazen Graves—A. B. Pomona 1916.—Physician, Ischua, N. Y.

Cheer, Sheo Nan—A. B. Nanking 1917.—Res. Phys. Peking Union Med. Coll. China.

Clary, Eleanor—A. B. Vassar 1914.—Res. Phys. Chgo. Lying-In Hosp. Chicago, Ill.

Colonna, Paul Crenshaw—A. B. Randolph-Macon 1915—Clin. Asst. Hosp. Rup. and Crip. Depty. Surg. N. Y. Hosp. O. P. D. N. Y.

Cromwell, Guy Nelson—A. B. 1916.—Physn. H. A. Kelly Hosp.

Darner, Henry Lauran—A. B. Western Md. 1916.—Instr. in Gynecol. and Res. Gynecol.

Darrow, Daniel Cady—A. B. Cornell 1916. —Asst. Res. Ped. Boston City Hosp.

Davidson, Edward Clark—S. B. Harvard 1916.—Henry Ford Hosp. Detroit.

Davis, Herbert Haywood—A. B. Cornell 1917. Surg. Omaha, Neb.

Davison, Atala Scudder—A. B. Bryn Mawr 1916.—Riderwood, Md.

Dieuaide, Francis Raymond—A. B. Coll. City N. Y. 1913.—Assoc. in Med. and Asst. Physn.

Doetsch, Helene (Mrs. H. D. Michel)—A. B. Goucher 1916.—Blacksburg, Va.

Doughty, Roger Gamble—S. B. Georgia 1916.—Surgeon, Columbia, S. C.

Ellicott, Valcoulon LeMoyne—S B. Mass. Int. Tech. 1916; Dr. P. H. Sch. Hygiene and Pub. Health 1921.—State Dept. Hlth. Albany, N. Y.

Felty, Augustus Roi—A. B. Yale 1916.—Asst. Res. Phys. and Instr. in Med. J. H. U.

Ford, Frank Rodolph—A. B. 1916.—Asst. Res. Phys. and Instr. in Medicine.

Fox, James Charles, Jr—A. B. Williams 1916.—Instr. in Med. Yale, New Haven.

Fricke, Robert Elmer—A. B. 1916.—Resident, H. A. Kelly Hosp.

Friedenwald, Jonas Stein—A. B. 1916.—Instr. Pathol. and Physician, 1029 Madison Ave.

Funk, William Harris—A. B. Williams 1916. —Lieut. (M. C.) U. S. N. care of Bureau Med. and Surg. Washington. D. C.

Gaines, Carl—A. B. Mercer 1913.—Physician, Easton, Pa.

Gichner, Manuel Gutman—A. B. 1916.—Physician, Balto.

Greenawalt, Elmer Paul—A. B. Wittenberg 1915, and A. M. 1916.—Fel. Surg. Cleveland Clinic, Cleveland, O.

Halbach, Robert McCulley—S. B. Franklin and Marshall 1915, and M. S. 1916.—Clin. Path. St. Luke's Hosp. New Bedford, Mass.

Hanger, Franklin McCue, Jr.—S. B. Virginia 1916.—Interne, Presbyterian Hosp. N. Y.

Harrington, Helen—A. B. Wellesley 1902, and A. M. Denver 1915; Asst. Res.. Ped'n Gen. Hosp. Cincinnati.

Hartsock, Charles Lester—S. B. St. John's 1916.—Med. Staff. Cleveland Clinic, Cleveland, O.

Hawkins, Harry Morton—A. B. Washington and Jefferson 1916.—Physician, 141 Wisc. St. Milwaukee, Wis.

Hawkins, Raymond Willard—S. B. Rochester 1916; Clin. Asst. Vanderbilt Clin. Laryn. and Rhin. Bellevue Card. Clin. and Physn. N. Y.

Higgins, Leight Monroe—A. B. Ohio State 1916.—Instr. in Laryn. 1922-23.

Holt, L. Emmett, Jr.—A. B. Harvard 1916. —Instr. in Ped. J. H. U.

Hoskins, Roy Graham—A. B. and A. M. Kansas 1905 and 1906; Ph. D. Harvard 1910. —Prof. and Head of Dept. Physiol. O. State U. Columbus, O.

Johnson, Franklin Paradise—A. B. Missouri 1908; A. M. Harvard 1910 and Ph. D. 1912.—Surg. Portland, Ore.

Johnson, William Oscar—S. B. Ky. Wesleyan 1915.—Res. Surg. Staff, Lakeside Hosp. Cleveland, O.

Kahle, Ralph Charles—A. B. Iowa 1916.—House Surg. Hosp. Rup. and Crip. N. Y.

Kennedy, Robert Phelps—A. B. Cornell 1912.—H. O. Mass. Gen. Hosp. Boston.

Kern, Howard Milton—A. B. Virginia 1917. —Interne, Hebrew Hosp. Baltimore.

Kneale, Halford Benson—A. B. DePauw 1915.—Res. Surg. Bridgegport Hosp. Ct.

Leadbetter, Guy Whitman—A. B. Bowdoin 1916.—Physn. S. Lincoln, Me.

Levin, Charles Alec—A. B. Brown 1916.—Physician, Norwich, Conn.

Lewin, Bertram David—A. B. Texas 1916. Clin. Instr. Med. Cornell, N. Y.

Livingston, Jacob S.—S. B. Lafayette 1916. —Asst. Res. Surg. St. Agnes Hosp.

Lyon, George Marshall—S. B. Denison 1916. —Assoc. Dir. Hutnington Baby Welfare Clinic and Pedn. Huntington, W. Va.

McCoy, Charles Clifton—S. B. Princeton 1915.—R. H. O. Presbyterian Hosp. N. Y.

McKeithen, Archibald Murdoch—S. B. Davidson 1916.—Asst. in Surg. U. Louisville and Res. Surg. City Hosp. Louisville, Ky.

McNeill, Clyde—A. B. Erskine 1915; S. B. and A. M. South Carolina 1916.—Dir. Med. Clin. Halstead, Halstead, Kans.

Marcus, Joseph Mortimer—Ph. B. Yale 1916. —Asst. Surg. Mt. Sinai Hosp. N. Y.

Martin, Lay—S. B. Princeton 1915.—Asst. Phys. Loomis San. N. Y.

Martin, William Curry—A. B. Kentucky 1916.—Student, Sch. Hyg. and Pub. Hlth. J. H. U.

Moore, Fitz Randolph—A. B. Westminster

(Pa.) 1916.—Res. Surg. Shreveport Charity Hosp. La.

O'Brien, Daniel Patrick—Ph. B. Yale 1915. —c|o Yale Club, N. Y. City.

Parsons, Susanne Ring—S. B. Nebraska 1914. A. M. 1915 and Ph. D. 1917.—Chf. Obstn. Bur. Child Hyg. Hlth. Dpt. and Asst. Obstn. U. Maryland and Physn. Baltimore.

Phelps, Winthrop Morgan—S. B. Princeton 1916.—S. H. O. Mass. Gen. Hosp. Boston.

Piper, Rena Kate—S. B. Wisconsin 1916. —Chldn. Hosp. and Asst. in Ped. U. Cal. M. S., San Francisco.

Plath, Harry William—S. B. Fargo 1916.— U. Cal. Hosp. San Francisco.

Primrose, Arthur Chipman—A. B. 1916.— Resident, H. A. Kelly Hosp.

Reichert, Frederick Leet—Ph. B. Franklin and Marshall 1916.—Instr. in Surgery and Asst. Res. Surg.

Roudebush, Mary Torrey—S. B. Wisconsin 1918.—Care of Peabody Teachers Coll. Nashville, Tenn.

Scheurich, John August—A. B. Loyola 1916. —Med. Supt. St. Joseph's Hospital.

Shackelford, John Armstrong—S. B. Hampton-Sydney 1916.—Physn. Martinsville, Va.

Shellabear, Hugh Percy—A. B. Ohio Wesleyan 1912 and A. M. 1913.—Res. Phys. Reading Hosp. Pa.

Shope, Edward Pierce Lentz—A. B. Dickinson 1916 and A. M. 1918; M. S. Susquehanna 1917.—Chf. Res. Phys. Mem. Hosp. Morristown, N. J.

Siddall, Roger Shore—A. B. North Carolina 1916.—Asst. Obstn. Chf. Henry Ford Hosp. Detroit.

Soule, Herbert Clare, Jr.—S. B. Rochester 1916.—Physician, 120 Rutgers St. Rochester, N. Y.

Sprague, George Sidney—S. B. Kentucky 1916.—Physn. Psychopathic Hosp. Iowa City, Ia.

Stauffer, Margery May (Mrs. Leonard E. Mack)—A. B. Toronto 1917.—Physician, Winnipeg, Man. Can.

Steel, David—Ph. B. Brown 1916.—Physician, Auburn, R. I.

Stone, Emerson Law—A. B. Williams 1916. —Instr. Ob. & Gyn. Yale, New Haven, Ct.

Sullivan, Arthur George—A. B. Catholic Univ. Amer. 1916.—Physician, Hot Spgs. Ark.

Tannenbaum, Norman E.—A. B. Wabash 1915 and A. M. 1916.—Res. Surg. Mem. Hosp. N. Y.

Taylor, Margaret—A. B. Vassar 1915.— —Hackett Med. Sch. Canton, China.

Te Linde, Richard Wesley—A. B. Wisconsin 1917.—Asst. Res. Gyne. and Asst. in Gyne.

Thomason, Thomas Herbert—A. B. Texas 1916.—Asst. Surg. Ft. Worth Clinic, Ft. Worth, Texas.

Thompson, Clara Mabel—A. B. Brown 1916. —Asst. Res. Psych. and Asst. in Psych.

Van Dyke, Eugene Nelson—S. B. Princeton 1916.—Asst. in Orth. Surg. and Res.

Wagner, Lewis Clark—A. B. Georgetown (Ky.) 1916.—Attend. Surg. Seton Hosp. and Surg. N. Y. City.

Warrinner, Algernon Storrs—A. B. Hampden-Sidney 1914.—Interne, Church Home and Infirmary.

Weiner, Joseph—Ph. B. Yale 1916.—Clin. Asst. Ped. Yale S. of M. and Pedn. New Haven, Ct.

Wiese, Archibald—S. B. Princeton 1916.— Instr. Surg. U. Pittsburgh and Surgeon, Pittsburgh, Pa.

Zillmer, Helen Jane—A. B. Wisconsin 1916. —Hosp. Woman's Med. Coll. Phila. Pa.

Bailey, Albert Adgate—A. B. Randolph-Macon 1915.—Asst. Phys. Manhattan State Hosp. Ward's Is. N. Y. (*Degree granted,* Feb. 22, 1921.)

Davidson, Percy Bernard—A. B. Harvard 1916.—Asst. Res. Phys. and Asst. in Thorndike Mem. Lab. Boston City Hosp. and Asst. in Med. Harvard. (*Degree granted, Feb.* 22, 1921.)

Greene, Carl Hartley—A. B. Missouri, 1914; Ph. D. Yale 1917.—Asst. in Med. Mayo Clin. Rochester, Minn. (1st Lt. C. W. S.) (*Degree granted Feb.* 22. 1921.)

Haggart, Harry Humphrey—A. B. Fargo 1914.—Physn. Bluefields, W. Va. (*Degree granted, Feb.* 22, 1921.)

Hearn, Arthur Joseph—Ph. B. Yale 1916. Interne, Emgcy. Hosp. Washg. D. C. (*Degree granted,* June 21, 1921).

Hopkins, Philip Bird—A. B. Randolph-Macon 1913.—Physician, Belair, Md. (*Degree granted,* Feb. 22, 1921.)

McClure, Orutcher—S. B. Vanderbilt 1916. —Admt. Phys. Bellevue Hosp. N. Y. (*Degree granted, June* 21, 1921.)

Nye, Lillian Lydia—A. B. Minn. 1909, and A. M. 1910.—Instr. in Ped. U. Minn. and Med. Inspect. Pub. Schs. and Physn. 803 Lowry Bldg., St. Paul, Minn. (*Degree granted, June* 21, 1921.)

Parr, Robert Wesley—A. B. Marietta 1916. —House Gynecol. Roosevelt Hosp. N. Y. (*Degree granted, Feb.* 22, 1921.)

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1921

Abell, Harry Davis—S. B. Kentucky 1917. —Interne, Jefferson Hosp. Roanoke, Va.

Albritton, Errett Cyril—A. B. Missouri 1916. —Resch. Fel. Physiol. Ohio State U. Columbus, O.

Allen, Fred Harold—A. B. California 1913. and A. M. 1916.—Res. Psych. and Instr. in Psych.

Allen, Clyde I.—A. B. Illinois Wesleyan 1917.—Interne, Henry Ford Hosp. Detroit.

Andrus, Edwin Cowles—A. B. and A. M. Oberlin 1916 and 1917.—Asst. in Med. and Asst. Res. Physn. 1922-23.—

Andrus, William DeWitt—A. B. and A. M. Oberlin 1916 and 1917.—Instr. Surg. & Asst. Res. Surg. Cin. Gen. Hosp, Cincinnati, O.

Arthurs, Elizabeth—A. B. Vassar 1916.—Res. Ob. and Gyn. Lane Hosp. San Francisco.

Bagley, Cecil H.—A. B. 1917.—Asst. Res. Surg. and Instr. in Surg.

Baldwin, Imogen (Mrs. Maurice S. Redmond)—A. B. Mt. Holyoke 1916.—4925 Friendship Ave., Pittsburgh, Pa.

Beck, Claude Schaeffer—A. B. Franklin and Marshall 1916.—Arthur Tracy Cabot Fellow in Surg. Harvard.

Bell, Walter Andrew—A. B. Williams, 1917.—H. O. Brooklyn Hosp. Brooklyn, N. Y.

Bergen, Ralph David—A. B. Catholic Univ. of America 1917.—Fel. in Surg. Mayo Fdn. Rochester, Minn.

Boyd, Edith—A. B. Colorado 1917.—Res. in Ped. Lane Hosp. San Francisco.

Brannan, Dorsey—S. B. West Virginia 1916.—Asst. in Path. Singer Mem. Resch. Lab. Pittsburgh, Pa.

Bruckman, Helen—S. B. California 1912.—Res. in Ped. U. of Cal. San Francisco.

Criscitiello, Modestino, Jr.—A. B. Princeton 1917.—Physn. Pittsfield, Mass.

Cull, Severn Teackle Wallis—A. B. Princeton 1914.—Physician, Frederick, Md.

Day, Kenneth Mosier—A. B. Princeton 1917.—R. H. O. Mass. Eye and Ear Infirm. Boston.

Dodd, Katherine—A. B. Bryn Mawr 1914.—Asst. Res. Ped'n. and Asst. in Ped. 1921-23.—

Douglass, Marion Drexel, Jr.—A. B. Kenyon 1917.—Interne, Md. General Hosp.

Dresser, Richard—Ph. B. Brown 1916; Asst. in Path. and Interne, City Hosp. Bay View 1921-22.—

Edlavitch, Ernest—A. B. 1917.—Res. Gyn. and Ob. Mercy Hosp.

Emerson, Elizabeth—A. B. Bryn Mawr 1917.—Physn. Santa Rosa, Cal.

Firor, Warfield Monroe—A. B. 1917.—Asst. Res. and Asst. in Surg.

Fitch, Clyde Marvin—S. B. Ohio Wesleyan 1917.—Physician, Portsmouth, O.

Freeman, Robert Edward—S. B. Washington 1917.—Physn. 1714 16th St. Seattle, Wash.

Fry, Clarence—A. B. Ohio Wesleyan 1917.—Phys. chg. of State Instn. Feeble-Minded, Orient, O.

Gardner, George Henry—A. B. Wittenberg 1917.—Asst. Res. Gyne. and Asst. in Gynecol.

Gay, Thomas Bolling, Jr.—A. B. Georgia 1917.—Dept. Matern. and Infant Hyg. Ext. Div. U. Iowa, Iowa City, Ia.

Gellman, Moses—S. B. Richmond 1917.—Chf. Res. in Med. Hebrew Hosp.

Goff, Homer Flow—A. B. Texas 1917.—Res. Phys. Hosp. for Women of Md.

Harper, Harold Vernon—S. B. Allegheny 1916.—Interne, St. Agnes Hosp.

Hart, Julian Deryl—A. B. Emory 1916, and A. M. 1917.—Instr. in Surg. and Asst. Res. Surg.

Hibbitts, Josiah B., Jr.—A. B. William Jewell 1916.—Physn. Vendome Bldg. Nashville, Tenn.

Hitchcock, Charles Hanchett—S. B. Amherst 1917.—Asst. in Med. Wash'n U. M. S. St. Louis.

Houghton, Ira Luther—A. B. 1917.—Physician, Akron, O.

Hyatt, David Taylor—A. B. Washington and Lee 1916.—Interne, City Hosp. Bay View.

Ilsley, Morrill Leonard—A. B. Colby 1917; Dr. P. H. Sch. Hyg. and Pub. Health 1922.—Div. Hlth. Officer State Bd. Hlth. Asheville, N. C.

Jackson, Edith Banfield—A. B. Vassar 1916;—Physn. Colorado Springs, Colo.

Jacobson, Arthur L.—A. B. North Dakota 1917.—Physn. Willow City, N D.

Kellers, Irmarita—A. B. Vassar 1916.—Physn. Montclair, N. J.

Kemp, Jarold Elijah—A. B. Western Maryland 1917.—Instr. in Med. and Asst. Disp. Physn.

Kendall, Ralph Emerson—S. B. Mt. Union 1917.—Interne, Henry Ford Hosp. Detroit.

Kitlowski, Edward Andrew—S. B. Bucknell 1917.—Resident, St. Agnes Hosp.

Kubie, Lawrence Schlessinger—A. B. Harvard 1916.—Instr. in Psych. and Asst. Psych. Chg. Neur. Lab.

Lyman, Richard Sherman—A. B. Yale 1913.—Asst. Psych. Chg. Lab. Int. Med. and Instr. in Psychiatry.

MacCready, Paul Beattie—S. B. Princeton 1916; Fel. Nat. Resch. Council 1922-23 and 1923-24.—Instr. in Laryn.

McKay, John Archibald—A. B. and A. M. North Carolina 1911 and 1912.—Res. Phys. Mercer San. Mercer, Pa.

McQuarrie, Irvine—A. B. Utah 1915, and Ph. D. 1918.—Physn. Henry Ford Hosp. Detroit.

Mason, Cleon Carl—Ph. B. Grinnell 1909. Physn. **Long Beach, Cal.**

Molloy, James Patrick, Jr.—A. B. St. Ignatius (Chgo.) 1916.—Asst. Res. Psych. and Asst. in Psych.

Myatt, Leslie Edwin—S. B. and Phar. D. Vanderbilt 1917.—Res. Surg. Palmerton Hosp. Palmerton, Pa.

Olch, Isaac Y.—Ph. B. Brown 1917.—Asst. in Surg. Wash'n. Univ. and Asst. Res. Surg. Barnes and St. Louis Chldn. Hosp. St. Louis.

Panettiere, Cayetano—S. B. and A. M. Washington 1915 and 1916.—Res. Surg. Church Home and Infirmary.

Potter, James Craig—A. B. Yale 1919.—Fellow, Mayo Clinic, Rochester, Minn.

Price, Philip Barbour—A. B. Davidson 1917.—Asst. Res. Union Mem. Hosp. Balto.

Putnam, Marian Cabot—A. B. Radcliffe 1917.—Europe.

Reichenbach, Evelyn B.—S. B. Rochester 1917.—Asst. Phys. Rochester State Hosp. **Rochester, N. Y.**

Resnik, William Harry—Ph. B. Yale 1916. —Asst. Res. Phys. and Asst. in Med.

Rice, Keith Chilton—A. B. Washington and Lee 1917.—Interne, Church Home and Infirmary.

Riddick, Archibald Lockhart—S. B. Guilford 1916.—Asst. Res. Cent. Disp. and Emgcy. Hosp. Washington, D. C.

Rockwell, Alice Elizabeth—A. B. Goucher 1917.—Ridgefield, Conn.

Rosenau, William Hellman—A. B. 1917.—Chf. Res. Physn. Michael Reese Hosp. Chicago.

Ruben, David Harry—S. B. Washington and Jefferson 1917.—Assoc. Urol. Penna. State Bd. Hlth. and Physician, Washington, Pa.

Sadler, William Paul—A. B. Arkansas 1916 —Asst. Vis. Gyne. and Obstn. Minn. Gen. Hosp. and Physn. Minneapolis, Minn.

Scott, Winfield Wentworth—S. B. Rochester 1915.—Asst. Res. Urol. Brady Clinic.

Seagrave, Gordon Stifler—A. B. Denison 1917.—Med. Mis. Namkham, Nthn. Shan States, Burma, India.

Shaw, Eugene Clay—A. B. Howard 1915, and A. M. 1916.—Asst. Res. Urol. Brady Clinic.

Sheffey, Charles Phillips Mahood—A. B. and A. M. Randolph-Macon 1914-15.—Med Mis. M. E. C. M. Lusambo, Congo Belge, Africa.

Smiley, Kenneth Edwin—S. B. Occidental 1917.—Interne, The Lane Hosp. San Francisco, Calif.

Sondheimer, Arthur Adler—A. B. Franklin and Marshall 1917.—Interne, Hebrew Hosp.

Stiefel, Dan Max—A. B. Texas 1917.—Interne, Hosp. for Women of Md. 1921 22.—

Sutton, Paul Windom—A. B. 1917.—Asst. Res. Surg. Cin. Genl. Hosp. Cincinnati, O.

Tiebout, Harry Morgan—S. B. Wesleyan (Conn.) 1917.—Asst. Physn. Bloomingdale Hosp. White Plains, N. Y.

Van Winkle, Charlotte C.—A. B. Smith 1914.—D. P. H. Sch. Hyg. & Pub. Hlth. 1922.—Interne, Bellevue Hosp. N. Y.

Vincent, Helen (Mrs. Franklin C. McLean) —A. B. Mt. Holyoke 1915.—Asst. Res. Gyne. Peking Union Med. Coll. Hosp. China.

Wallace, Silas Willard—A. B. Earlham 1917.—Fel. Surg. Cleveland Clinic, Cleveland, O.

Walsh, Mary Duane—A. B. Trinity Catholic 1916.—Interne, Bellevue Hosp. N. Y.

Ward, Grant E.—A. B. Baldwin-Wallace 1917.—Asst. Res. H. A. Kelly Hosp.

Weber, Roxie Adeline—A. B. and A. M. Texas 1916-17.—Interne, Hebrew Hosp.

Weech, Alexander Ashley—A. B. 1917.—Instr. in Ped. and Res. Pedn.

Woodbridge, Caspar Ligon—A. B. Princeton 1916.—Interne, The Presbyterian Hosp. Philadelphia.

Zanninger, Max Maser—A. B. Harvard 1917. Asst. Res. Surg. Clin. Gen. Hosp. Cincinnati, O.

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Hinton, Samuel Herbert—A. B. Emory 1916. —Res. Surg. Univ. Hosp. Augusta, Ga. (*Degree granted, January 3, 1922.*)

Sun, Ko-Chi—A. B. Feby. 1918.—Asst. Res. Gyn. and Surg. and Asst. in Obstet. (*Degree granted, February 22, 1922.*) (Absent on leave.)

1922

Belford, William Wiess—A. B. Southwestern 1916.—Interne in Ped. St. Louis Chldns. Hosp. Mo.

Blakemore, Arthur Hendley—S. B. William and Mary 1918.—Physn. Fenora, Va.

Blalock, Alfred—A. B. Georgia 1918.—Asst. Res. and Asst. in Surg.

Blalock, Joseph Rogers—A. B. and A. M. Wake Forest 1918. — Asst. Res. in Med. Harper Hosp. Detroit.

Bronson, Margaret Lathrop—A. B. Vassar 1908.—Interne, New Haven Hosp. Conn.

Buell, Charles Elbert—A. B. Michigan 1918. —Asst. Res. Surg. Henry Ford Hosp. Detroit, Mich.

Bugg, Charles Richard—A. B. Hampden-Sidney 1916.—Interne, Harriett Lane Home.

Burdick, Dorothy Saunders—A. M. Mount Holyoke 1918.—N. Y. Infirm. for Women and Children, New York.

Busby, James Ford — S. B. Grinnell. — Sr. Med. Staff, Harper Hosp. Detroit.

Campbell, William Armstead—A. B. Colorado 1918.—Physn. Colorado Spgs. Colo.

Collins, Ralph Kable—A. B. Kansas 1919. —Res. in Med. New Haven Hosp. Ct.

Cousar, George Richard—A. B. Presbyterian (S. C.) 1917.—Interne, Church Home and Infirmary.

Crager, Jay Cecil—A. B. Texas 1918—Interne, St. Francis Hosp. Pittsburgh, Pa.

Craig, Robert Glenn—A. B. Washington and Lee 1917.—Asst. Res. Gyne. and Asst. in Gynecol.

Cuneo, Joseph Charles — S. B. Princeton 1917. — Interne, Allegheny Gen. Hosp. Pittsburgh, Pa.

Cutler, Max—S. B. Georgia 1919. — Phys. 104 S. Mich. Ave. Chicago.

Davis, David — A. B. George Washington 1917.—Interne, Hebrew Hosp.

Dean, Archibald Sweetland—S. B. Bowdoin 1918.—Dr. P. H. School of Hygiene & Public Health J. H. U. 1923.—Nat. Com. Ment. Hygiene, Inc. 370 7th Ave. N. Y.

Dooley, Lucile—A. B. Rand.-Macon Woman's 1905; A. M. Tennessee 1915; Ph. D. Clark 1916.—Associate Clinical Psychiatrist, St. Elizabeth's Hosp. Washington, D. C.

Drace, Claude Garrison — S. B. Vanderbilt 1918.—Interne, City Hosp. Bay View.

Durham, Robert Harris—A. B. Trinity (N. C.) 1918.—Res. Physn. Henry Ford Hosp. Detroit.

***Eagle, Daniel Eugene**—A. B. North Carolina 1917.—(Died January 22, 1923.)

Egerton, Stuart Wilson—A. B 1918.—Asst. in Laryngol.

Elman, Robert—S. B. Harvard 1919.—Asst. in Path. Rockefeller Inst. N. Y.

Evarts, Helen Wardner—A. B. Vassar 1917. —Interne, Los Angeles County Hosp. Calif.

Fisher, Otto Orren—A. B. Miami 1900.—Dpt. Surg. Henry Ford Hosp. Detroit.

Fisher, Ralph Lee—A. B. Trinity (N. C.) 1918.—Interne, Henry Ford Hosp. Detroit.

Flinn, Lewis Barr—A. B. Princeton 1918.—Interne, Chldns Hosp. Phila., Pa.

Freeman, Banjamin Franklin—A. B. and A. M. Baylor 1918 and 1922.—Sr. in Surg. Harper Hosp. Detroit, Mich.

Garber, Frank Webster—A. B. Wisconsin 1917.—Interne, City Hosp. Bay View.

Garrett, Charles A.—A. B. and A. M. Baylor 1918 and 1920.—Interne, Charity Hosp. Cleveland, O.

Goldblatt, Myron Everett—A. B. Clark 1915; —Asst. Res. Path. New Haven Hosp. and Asst. in Path. and Bact. Yale M. S. New Haven, Conn.

Groseclose, Andrew Muncy—A. B. Roanoke 1918.—Interne, Jefferson Hosp. Roanoke, Va.

Halley, Charles Robert Lee, Jr.—A. B. Missouri 1918.—Interne, U. M. Hosp.

Halpern, Samuel—A. B. Columbia 1918.—Interne, Fordham Hosp. N. Y.

Hamilton, Paul Myron—A. B. Colorado 1918. —Asst. Res. Pedn. and Asst. in Pediatrics.

Harrison, Tinsley Randolph—A. B. Michigan 1919.—Interne in Med. Peter Bent Brigham Hosp. Boston.

Heatley, Clyde Alexander—A. B. Union 1918. —Asst. in Laryngol.

Ivimey, Rhoda Muriel—A. B. Barnard 1911. —Asst. Res. Psych. and Asst. in Psych.

Jarrett, Edwin Bosley—A. B. 1918.—Asst. Res. Union Memorial Hosp.

Johnson, Lloyd B.—S. B. Huron 1915.—Asst. Res. Surg. Cincinnati Gen. Hosp. O.

Jones, Thomas Banford — A. B. Hamilton 1918.—Physn. Utica, N. Y.

Keefer, Chester Scott—S. B. Bucknell 1918 —Asst. Res. Physn. and Asst. in Medicine.

Kindell, Frank Bergner—A. B. Oberlin 1915. —Asst. Res. Path. and Instr. in Path.

King, James Edward—A. B. Southern Methodist 1918.—Interne, Union Memorial Hosp.

Kittredge, Elizabeth Amanda (Mrs. Herbert L. Whittemore)—A. B. Vassar 1912; A. M. Columbia 1913.—Instr. and Asst. Physn. Vassar College, Poughkeepsie, N. Y.

Klee, Harry Aaron—A. B. Washington and Jefferson 1918.—Interne, Hebrew Hosp.

Langworthy, Orthello Richardson—A. B. and A. M. Colgate 1918 and 1921.—Instructor in Anatomy.

Lenhard, Raymond Earl—A. B. 1918.—Interne, Toronto Gen. Hosp. Toronto, Can.

Levy, Isidore Irvin—A. B. 1918—Interne, Hebrew Hosp.

Lippmann, Robert Korn—S. B. Columbia 1918.—Interne, Mt. Sinai Hosp. New York.

Lonergan, Robert Colnon—A. B. Syracuse 1918.—Res. Orth. St. Luke's Hosp. Chicago.

McGuigan, Cletus Edmund—A. B. 1918.—H. O. Mass. Char. Eye & Ear Infirm. Boston.

Margolis, Jacob Isaac—Ph. B. Yale 1918—Interne, N. Y. P. G. Hosp. New York.

Michelson, Israel David—A. B. 1918.—Path. Dep. U. of Tenn. Memphis.

Moore, Dorothea May—A. B. Bryn Mawr 1915.—Interne, Bellevue Hosp. New York.

Moore, Frank Guy—A. B. Hamilton 1918—Interne, St. Mary's Hosp. Pierre, S. D.

Moses, Bessie Louise—A. B. Goucher 1915. —Wallis Apts. Balto.

Moskowitz, Morris Jacobi—S. B. Rochester 1918.—Interne, Barnes Hosp. St. Louis.

Newburger, Bernhard—A. B. Missouri 1918. —Interne, Union Memorial Hosp.

Nowrey, Joseph Edward — A. B. Southern California 1917.—Physn. Camden, N. J.

Powell, Henry Miller—A. B. Roanoke 1917. —Interne, Bon Secours Hosp.

Prigosen, Rosa Elizabeth — A. B. Adelphi 1916.—Asst. Crocker Inst. Cancer Resch. Columbia, N. Y.

Riley, Cathryn Vedalia — A. B. Wellesley 1912; S. B. Cornell 1916; A. M. J. H. U. 1916; Dr. P. H. Sch. of Hyg. and Public Health 1923.—Interne, N. Y. Infirm. for Women and Chldn. N. Y.

Sanner, J. Everett — A. B. 1918.—Interne, Union Memorial Hosp.

Scott, William John—A. B. Hampden-Sidney 1915; A. M. Virginia 1917.—Asst. Res. Pedn. and Asst. in Ped.

Sisson, William Eyre—A. B. Brown 1918.—Asst. Res. Obstn. and Asst. in Obstetrics.

Smith, David Tillerson—A. B. Furman 1918. —Asst. Path. and Bact. Rockefeller Inst. Med. Resch. N. Y.

Smith, Margaret Gladys—A. B. Mt. Holyoke 1918.—Instr. in Pathology.

Smith, Thomas Cook—S. B. Emory 1917.—Res. in Ped. New Haven Hosp. Ct.

Steinmueller, Karl Joseph—A. B. 1914.—Assistant to Dr. Bloodgood in Surg. Path. and Externe, St. Agnes Hosp.

Vance, Harry Wellington — A. B. W. Va. Wesleyan 1918. — Physn. 1042 Madison Ave. Memphis, Tenn.

Wainwright, Charles William—A. B. Western Maryland 1914.—Physn. Princess Anne, Maryland.

Warthen, William Horace Franklin—A. B. 1918.—Interne, Chldns. Hosp. Akron, O.

Wasserman, Harry — A. B. 1918—Asst. in Clin. Med.

Weinberg, Edwin David — A. B. Dickinson 1917.—R. H. O.

Wells, Beulah—A. B. Vassar 1909.—Physn. Wellsville, O.

Wilke, Julian Otto—A. B. Southern Califor-

nia 1917.—Interne, Lane Hosp. San Francisco.

Wimsatt, Florence Josephine—A. B. Trinity (D. C.) 1916 and A. M. 1917.—Interne, St. Elizabeth's Hosp. Washington, D. C.

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1923

Abt, Arthur Frederick—S. B. Chicago 1919. —R. H. O.

Alyea, Edwin Pascal—S. B. Princeton 1919. —R. H. O.

Anderson, Samuel A., Jr.—A. B. Washington and Lee 1919.—Interne, New Haven Hosp. New Haven, Ct.

Andrews, Robert Strahl—S. B. Grinnell 1916. —Interne, Swedish Hosp. Minneapolis, Minn.

Belford, Ralph Jones—A. B. Southwestern 1919.—Interne, City Hosp. Bay View.

Belknap, Elston Lewis—A. B. Oberlin 1919. —R. H. O.

Bigalow, Rena Marion—A. B. Goucher 1919. —Interne, Albany Hosp. N. Y.

Bloom, William—A. B. 1919.—Interne, Michael Reese Hosp. Chicago, Ill.

Bohlman, Harold Ray—S. B. Grinnell 1919. —Interne, Union Memorial Hosp.

Bumstead, John Henry—A. B. Yale 1919.—R. H. O.

Burns, Arthur—A. B. Texas 1918.—Interne, City Hosp. Bay View.

Buttrick, Caroline Isabella—S. B. Chicago 1920.—Interne, Bellevue Hosp. N. Y.

Carneal, George Upshur — A. B. 1919. — R. H. O.

Chandler, Donald—S. B. Haverford 1917.—Interne, Union Memorial Hosp.

Chapin, William Evans, Jr.—A. B. Va. Military Inst. 1917; Grad. stud. J. H. U. 1918. —Interne, Pennsylvania Hosp. Phila.

Clark, Dana Vinyard—A. B. Knox 1917.—Interne, Presbyterian Hosp. N. Y.

Clark, William Lee—Litt. B. Princeton 1919. —Interne, Church Home and Infirmary.

Cohn, Mabel Burnett (Mrs. Jos. S. Stovin)—A. B. Vassar 1918.—Physn. 177 W. 93rd St. N .Y.

Cornwell, Thomas Watson—A. B. and M. S. Mercer 1916 and 1919.—Interne, City Hosp. Bay View.

Doan, Charles Austin—S. B. Hiram 1918.—Asst. in Anatomy.

Ebeling, Karl Wilhelm—A. B. 1919.—Interne, Brooklyn State Hosp. N. Y.

Faulkner, Robert Lee—S. B. Allegheny 1919. —R. H. O.

Floyd, Henry Terrie—A. B. Elon 1919.—Interne, Ancon Hosp. Panama.

Folkoff, Caspar—A. B. Columbia 1917; Grad. Stud. College of the City of N. Y. 1917-19.—R. H. O.

Forbus, Wiley Davis—A. B. Washington & Lee 1916.—Asst. in Pathology.

French, Bernard Semple—A. B. Catholic Univ. of Amer. 1919.—Asst. Res. Central Dispensary and Emergency Hosp. Wash'n, D. C.

Gambill, Perry Judson—A. B. Tennessee 1915. —Interne, St. Agnes Hosp.

Garber, Clarence Zent—A. B. Oberlin 1918. —Asst. in Pathology.

Gay, James Gaston—A. B. Georgia 1919.—R. H. O.

Geiling, Eugene Maximilian Karl—A. B. So. Africa 1911; M. Sc. and Ph. D. Illinois 1915 and 1917.—Assoc. in Pharmacol.

Ghormley, John Wallace—S. B. Wooster 1919. —R. H. O.

Goforth, John Lawrence—A. B. Texas 1918. —R. H. O.

Greenwald, Leon—A. B. 1919.—Interne, Hebrew Hosp.

Guttmacher, Alan Frank—A. B. 1919.—Asst. in Anatomy.

Guttmacher, Manfred Schanfarber—A. B. 1919.—Interne, Mt. Sinai Hosp. N. Y.

Hamrick, Robert Arnold—S. B. Alabama 1919.—R. H. O.

Handley, Harry Edwin—A. B. Washington and Lee 1919.—Interne, Bay View Hosp.

Harris, Joseph—A. B. 1919.—Interne, Hebrew Hospital.

Hayter, Harry Milton—A. B. Emory and Henry 1918.—Interne, Union Mem. Hosp.

Hoerner, Jerold Kiser—S. B. Earlham 1919. —R. H. O.

Homan, Charles Edwin, Jr.—S. B. Mercer 1918.—Interne, Allegheny Gen. Hosp. Pittsburgh, Pa.

Hudson, David Venable—S. B. Davidson 1917.—Interne, Hosp. for Women of Md.

Jacobson, Alfred Wilmot—A. B. 1918.—R. H. O.

Johnston, Raymond Lemoyne—A. B. Washington and Jefferson 1917.—Interne, Union Memorial Hosp.

Justo, Manuel—S. B. Porto Rico 1915; M. S. Mich. Agricultural 1917.—Physician, Baltimore, Md.

Kerper, Edmund Hoffeker—S. B. Princeton 1918.—R. H. O.

Kohn, Lawrence Albert—A. B. Williams 1914.—R. H. O.

Konttas, Pearl Vivian—A. B. Reed 1918.—Asst. in Medicine.

Lachman, George Sydney—A. B. 1919.—Interne, Cincinnati Gen. Hosp. Cincinnati, O.

Leonard, Bernard Walter—S. B. Richmond 1919.—R. H. O.

Leuschner, Erida Louise—A. B. California 1919.—R. H. O.

McKay, Robert Witherspoon—A. B. Virginia 1917; Grad. stud. Davidson 1913-15.—R. H. O.

McPartland, Charles Edward—Ph. D. Yale 1919.—Interne, Long Island College Hosp. Brooklyn, N. Y.

Meredith, Evert Waitman—A. B. Ohio State 1918.—Interne, Henry Ford Hosp. Detroit, Mich.

Merselis, John Gaston—A. B. Williams 1919.—Interne, Long Island College Hosp. Brooklyn, N. Y.

Miller, William Lindsay—A. B. Erskine 1918, S. B. South Carolina 1919.—Interne, Ch. Home and Infirmary.

Moore, Herbert Earl—A. B. Michigan State Normal 1915.—Interne, Henry Ford Hosp. Detroit, Mich.

Nicholls, Elizabeth Grace—A. B. Vassar 1915.—Interne, Bellevue Hosp. N. Y.

Novey, Max Alexander—A B. 1919.—Asst. to Dr. Bloodgood and Interne, St. Agnes Hosp. Baltimore.

Pearlman, Reuben Carel—S. B. Kentucky 1917.—Interne, South Side Hosp. Pittsburgh, Pa.

Peckham, Charles Henry—A. B. Brown 1919. —R. H. O.

Petersen, Henry Andrew—A. B. Maine 1917. —Asst. in Surgery.

Peyton, Sarah Margaret—A. B. Goucher 1916.—Interne, New Eng. Hosp. Women and Chldn. Boston, Mass.

Polk, Miriam Rewalt—A. B. Goucher 1917. Interne, Phila. Gen. Hosp. Pa.

Polvogt, LeRoy Matthew—A. B. Roanoke 1918.—Interne, Church Home and Infirmary, Baltimore

Poole, Alan King—S. B. Princeton 1918.—Interne, New Haven, Conn.

Prioleau, William Hutson, Jr.—S. B. S. Carolina 1918.—R. H. O.

Revenel, Samuel Fitzsimmons—A. B. N. Carolina 1918.—Interne, New Haven, Ct.

Riecker, Herman H.—A. B. Marietta 1917. Interne, New York, N. Y.

Robinson, Margaret Virginia—A. B. Goucher 1915.—Grad. Stud. Psych. and Neurol. Phipps Clinic.

Schaffer, Alexander Jonas — A. B. 1920.— R. H. O.

Seagrave, Grace Russell—S. B. Denison 1917.—Interne, Children's Hosp. San Francisco, Cal.

Sherwood, Penelope—A. B. Vassar 1919.— Interne, Hosp. for the Women of Md.

Sickel, Edward Wilson—A. B. 1920.—Interne, Hosp. for the Women of Md.

Siegel, Isadore Abraham—A. B. 1919.— Interne, Howard Hosp. Phila. Pa.

Simpson, Miriam Elizabeth—A. B., A. M. and Ph. D. California 1915, 1916 and 1921, Med. stud. *ibid.* 1918-21. — Instr. Anat. U. Cal. M. S. Berkeley.

Snyder, Franklin Faust—S. B. Princeton 1919.—Resch. student, Lab. of Emb. Carnegie Inst. of Wash.

Souther, Susie Page—A. B. Nebraska 1918. —R. H. O.

Stewart, William Blair—S. B. Princeton 1920.—R. H. O.

Sutherland, Thomas Henry—A. B. Ohio State 1919.—Interne, Grant Hosp. Columbus, O.

Sybert, George Bradley—A. B. Loyola 1919. —Interne, St. Joseph's Hosp.

Traut, Herbert Frederick—S. B. Whitman 1917.—R. H. O.

Vermooten, Vincent Davis—A. B. and A. M. Cape Town 1918 and 1919.—R. H. O.

Vickery, Eugene Benton—A. B. N. Georgia Agric. College 1919.—R. H. O.

Walker, Pierre Jaqua—A. B. California 1917. —Interne, The Lane Hosp. San Francisco, Cal.

Walter, Paul Chamberlain—S. B. Princeton 1919.—Interne, Church Home and Infirm.

Wilkinson, Arthur Paul—A. B. Wabash 1917.—Interne, Henry Ford Hosp. Detroit, Mich.

Williams, Tiffany Johns—A. B. 1919.—R. H. O.

Wilson, Henry Van Peters, Jr.—A. B. N. Carolina 1918.—Interne, Church Home and Infirmary.

Wilson, Julius Lane—S. B. Princeton 1918. Interne, Presbyterian Hosp. New York City, N. Y.

Wylie, Robert Morris—A. B. Denison 1904 and A. M. 1909.—Interne, Pvt. Wds. J. H. H.

York, James Arthur—A. B. Randolph-Macon 1916.—Interne, Hosp. for Women of Md.

Zinninger, Pauline—A. B. Oberlin 1917.— Interne, Chldns. Hosp. San Francisco, Cal. (93)

Doctor of Public Health

1919

Ferrell, John Atkinson—S. B and M. D. North Carolina 1902 and 1907—Director for the United States, International Health Board, Rockefeller Foundation, New York (61 Broadway)

1920

Souza, Geraldo Horacio de Paula—Pharm. D. São Paulo School of Pharmacy 1908; M. D. Rio Janeiro 1913—Prof. Hygiene, Faculty of Medicine; Director, Institute of Hygiene, São Paulo, Brazil.

Vieira, Francisco Borges—B. Sc. e Lett. São Paulo Gym. 1911; M. D. Rio Janeiro 1917 —Asst. Hygiene, Faculty of Medicine, São Paulo, Brazil. (2)

1921

Atwater, Reginald Myers—A. B. Colorado 1914; M. D. Harvard 1918; C. P. H. Johns Hopkins 1920; Assoc. Prof. Preventive Medicine and Hygiene, Hunan-Yale Med. Sch. Changsha, China.

Bailey, Garland Howard—S. B. West Va. 1915; M. D. Johns Hopkins 1920 — Instr. Prev. Med. and Hygiene, Harvard Med. Sch. Boston.

Brown, Orville Graham — M. D. Columbia 1900—Lieut.-Col. Med. Corps, U. S. A.; Fort Wayne, Detroit, Mich.

Doull, James Angus—A. B. Dalhousie 1911, M. D. C. M. 1914; D. P. H. Cambridge 1919—Assoc. Prof. Epidemiol. J. H. U.

Dunham, George Clark—M. D. Oregon 1914

—Major. Med. Corps, U. S. A., 1708 Munitions Building, Washington.

Ellicott, Valcoulon LeMoyne—S. B. Mass. Inst. Tech. 1916; M. D. Johns Hopkins 1920—Epidemiologist, Balto. City Health Dept.

Lim, Chong Eang—M. B. and S. M. Hong Kong Univ. 1916; D. T. M. Liverpool Sch. of Trop. Med. 1920; Assoc. Bacteriol. Peking Union Med. Coll. China.

Maxcy, Kenneth Fuller—A. B. George Washington 1911; M. D. Johns Hopkins 1915—Asst. Surg. U. S. P. H. S. detailed to Field Investigations of Malaria, c|o State Dept. of Health, Montgomery, Ala.

Nauss, Ralph Welty—S. B. Ohio State 1901; M. D. Northwestern 1905; D. P. H. Univ. of Pa. 1916—Asst. Epidemiologist, State Dept. of Health, Springfield, Ill.

Oldt, Frank — A. B. Otterbein 1901; M. D. Ohio Med. 1905—Member of Staff, Canton Hospital, China.

Padua y Gaerlan, Regina—M. D. Univ. of Philippines 1915 and D. T. M. 1918—Medical Inspector, Philippine Health Service, Manila.

Szymanski, John Joseph — A. B. St. John's (Brooklyn) 1910; M.D. Johns Hopkins 1914 Commr. of Education and Industrial Health Physician, Passaic, N. J.

Whitmore, Eugene Rudolph—S. B. Wisconsin 1896; M. D. Illinois 1899; Lieut. Col. U. S. A. Retired — Prof. Bacteriol. and Prev. Med. George Washington Univ. Washington.

Williams, Huntington—A. B. Harvard 1915; M. D. Johns Hopkins 1919—District State Health Officer, State Dept. of Health, Albany, N. Y.

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1922

Abriol, Rufino—M. D. Illinois 1913; D. T. M. Univ. of Philippines 1916; C. P. H. Johns Hopkins 1921; U. S. Quarantine Officer, Manila; Instr. Statis. and Epidemiol, Univ. of Philippines.

Barreto, Antonio Luiz de Barros—B. Sc. e Lett. Pernambuco Gym. 1910; Certificate Microbiol. and Med. Zool. Inst. Oswaldo Cruz, Rio Janeiro 1914; M. D. Rio Janeiro 1917—Health Officer, Brazilian Federal P. H. S. Rio Janeiro.

Coughlin, Frank Edward—S. B. Lafayette 1920; M. D. Michigan 1921. — District Medical Director, State Dept. Health, Franklin, Pa.

Enciso-Ruiz, Enrique—B. Ph. e Lett., Colegio Mayor del Rosario 1911; M. D. Faculty of Medicine, Bogota 1919—99 Calle 22, Bogota.

Ilsley, Morrill Leonard—A. B. Colby 1917; M. D. Johns Hopkins 1921—Prof. of Health, Colgate Univ., Hamilton, N. Y.

Meehan, John William — A. B. St. Mary's 1904 and A. M. 1906; M. D. Creighton 1908; Major, Med. Corps, U. S. A., Medical Inspector, Seventh Corps Area, Omaha, Neb.

Riley, Robert Hickman—S. B. Oklahoma 1909 and M. D. 1913—Chief, Bureau of Communicable Diseases, Md. State Dept. of Health, Balt.

Van Winkle, Charlotte Condict—A. B. Smith 1914; M. D. Johns Hopkins 1921—Resident Pathologist, Memorial Hospital and Instr. Clinical Pathology, Medical College of Va., Richmond, Va.

(8)

1923

Abadia, German—Ph. B. e Lett. National Coll. of St. Bartholomew 1910; M. D. National Univ. of Colombia 1918. Ca 9a 158, Bogota.

Collinson, John—A. B. St. Johns 1907; M. D. Johns Hopkins 1911; Asst. Chief, Bureau of Communicable Diseases, Md. State Dept. of Health, Balt.

Dean, Archibald Sweetland—S. B. Bowdoin 1918; M. D. Johns Hopkins 1922; Psychiatrist for The National Comm. for Mental Hygiene, Inc., 370 7th Ave., N. Y.

Hawley, Paul Ramsey—A. B. Indiana 1912; M. D. Univ. of Cincinnati 1914; Major, Med. Corps, U. S. A., Med. Inspector, 6th Corps Area, Chicago, Ill.

Lardé-Arthes, Carlos Roberto—B. Sc. e. Lett. National Inst. of Salvador, 1913; M. D. National Univ. of Salvador, 1921. San Salvador, C. A.

Martin, William Curry—A. B. Univ. of Kentucky 1916; M. D. Johns Hopkins 1920; Instr. of Hygiene and Preventive Medicine, Univ. of Louisville Med. School, Louisville, Ky.

Molloy, Daniel Murrah—M. D. Univ. of Nashville 1908; Senior State Director, Inter. Health Board, Rockefeller Foundation, Managua, Nicaragua.

Payne, George Calvin—A. B. Univ. of Missouri 1910; M. D. Cornell Univ. 1912; Senior State Director, Inter. Health Board, Rockefeller Foundation, New York. (61 Broadway.)

Prommas, Chalerm—M. D. Chulalongkorn Univ. 1918; Voluntary Assistant in Pathology, Johns Hopkins.

Riley, Cathryn Vedalia—A. B. Wellesley 1912; S. B. Cornell 1916; A. M. Johns Hopkins 1916 and M. D. 1922; Interne, N. Y. Infirmary for Women and Children, New York City.

Rumreich, Adolph Sylvester—A. B. Univ. of North Dakota 1917; M. D. Washington Univ. 1920. Box 573, Waterloo, Iowa.

Schapiro, Louis — M. D. George Washington 1907; Senior State Director, International Health Board, Rockefeller Foundation. Box 2002 Ancon, Panama.

(12)

Doctor of Science in Hygiene

1920

Salter, Raymond Cleveland—S. B. Wisconsin 1915; S. M. Iowa State 1918—Chief Bureau of Bacteriol. Md. State Dept. of Health; Inst. Bacteriol. J. H. U.—(*Bacteriology*)

1921

Smith, Homer William—A. B. Denver 1917 Fellow, National Research Council, Harvard Med. School, Boston—*Physiology*)

1922

Cromwell, Hobart William—A. B. Indiana State Normal 1917; Instr. Bacteriol. Univ. of Wis. Madison—(*Immunology*)

Kinney, Ethel May—A. B. Kansas 1918 and A. M. 1920; Prof. Chem. and Hygiene, Western College, Oxford, Ohio—(*Bio-Chemistry*)

Miner, John Rice—A. B. Mich. 1913—Assoc. Biometry and Vital Statistics J.. H. U.—(*Statistics*)

Nicholls, Edith Evelyn—A. B. Smith 1919 A. M. Johns Hopkins 1923; Med. Student, Yale, New Haven—(*Physiology*)

Pritchett, Ida Williams—A. B. Byrn Mawr 1914; Asst. Pathol. and Bacteriol. Rockefeller Institute, New York—(*Immunology*) (5)

1923

Augustine, Donald Leslie—S. B. Macalester 1918; Director, Field Research Unit, Inter. Health Board, Rockefeller Found., Andalusia, Ala.—(*Medical Zoology*)

Bailey, Clennie Elsie—A. B. Indiana State Normal 1918; Acting Head Dept. of Hygiene, Mississippi State Coll. for Women, Columbus—(*Immunology*)

Becker, Elery Ronald—A. B. Univ. of Colo. 1921; Instr. Biology, Princeton Univ.—(*Medical Zoology*)

Ben-Harel, Shulamite—A. B. Constantinople Coll. 1918; S. M. Univ. of Chicago 1922. Jaffa, Palestine—(*Medical Zoology*)

Cleveland, Lemmie Roscoe—S. B. Univ. of Mississippi 1917; Fellow, National Research Coun. J. H. U.—(*Medical Zoology*)

Gonzalez, Bienvenido Maria—B. Agr. Univ. of Philippines 1913; S. M. Wisconsin 1915; Prof. Animal Husbandry, Univ. of Philippines. Los Banos.—(*Statistics*)

Gover, Mary—A. B. Goucher 1913; A. M. Johns Hopkins 1917; Instr. Biometry and Vital Statistics, J. H. U.—(*Statistics*)

Hoffstadt, Rachel Emilie—S. B. Hanover 1908; S. M. Univ. of Chicago 1912 and Ph. D. 1915; Asst. Prof. Bacteriology, Univ. of Washington, Seattle—(*Bacteriology*)

Langwill, Bertha—S. B. Rockford 1916; S. M. Univ. of Illinois 1918; Prof. Chemistry, Woman's Coll. Madras, India — (*Bacteriology*)

Lisk, Henrietta—S. B. and S. M. Florida State 1907 and 1909; A. M. Columbia Univ. 1917; Professor Chemistry and Biology, Oxford Coll., O.— (*Bacteriology*)

McDowell Hill, Claire (Mrs.)—A. B. Goucher 1917—(*Physiological Hygiene*)

Payne, Florence King (Mrs.)—M. D. Syracuse Univ. 1909; 61 Broadway, N. Y.—(*Medical Zoology*)

Powell, Horace Mann—A. B. Indiana State Normal 1914; Instr. Immunology, Johns Hopkins—(*Immunology*)

Reynolds, Bruce Dodson—S. B. Univ. of Va. 1920; Asst. Prof. Zoology, Univ. of Arkansas, Fayetteville—(*Medical Zoology*)

Scott, Joseph Mehollin—S. B. Mt. Union 1913; Prof. Biology (on leave) Mt. Union Coll.; Fellow, National Research Coun. J. H. U.—(*Filterable Viruses*)

Stoll, Norman Rudolph—S. B. Mt. Union 1915; S. M. Univ. of Michigan 1918; Asso. Parasitology, Peking Union Med. Coll.—(*Medical Zoology*)

Swenarton, Joseph Charles—S. B. Penn. sylvania State 1918; Asst. Director, Bureau of Bacteriology, Balto. City Health Dept.—(*Bacteriology*)

Doctor of Engineering

1922

Linsley, Leonard Noel—M. S. Columbia 1916—Lt. Commander and Engineer, U. S. Navy—(*Mechanical*)

Master of Arts

1914

Barroll, Lewin Wethered—A. B. Washington Coll. 1908, Yale 1910; LL. B. Univ. of Md. 1912 — Atty. at Law, Balt. (Continental Bdlg.)—(*Political Sci.*)

Branham, Lucy Gwyn—A. B. Washington Coll. 1911; Instr. Southland Sem. Fla. 1914-15—(*History*)

Buckler, Leslie Hepburn—A. B. 1912—Atty. at Law, N. Y. (142 E. 18th St.)—(*Political Science*)

Caldwell, Clinton Coppage—A. B. Roanoke 1905—(*Political Economy*)

Dunn, Grace Adelaide—Ph. B. Hamline 1909; Ph. D. 1915—Princeton, Minn.—(*Botany*)

Fox, Early Lee—A. B. Randolph-Macon 1909; Ph. D. 1917—Prof. Hist. Randolph-Macon College, Ashland, Va.—(*History*)

Gorton, Arthur Feddeman (F)—A. B. 1912; Ph. D. 1915, Instr. 1916-17; Instr. Univ. of Minn. 1915-16—Western Elec. Co. Chicago —(*Physics*)

Koontz, Louis Knott—A. B. Washington and Lee 1908; Ph. D. 1920; Dean and Prof. Davis and Elkins 1914-17—Instr. Univ. of Cal. (So. Branch), Los Angeles—(*History*)

Lilly, Marie Loretto (F)—A. B. Notre Dame (Md.) 1900; Ph. D. 1916; Instr. Mt. St. Agnes Coll. 1916-17—Instr. English, Dominican Coll. San Rafael, Cal.—(*English*)

Martin, Edward Duffield—A. B. 1911; LL. B. Univ. of Md. 1913—Atty. at Law, Balt. (907 Fidelity Bldg.)—(*Political Science*)

Mirza, Youel Benjamin—Ph. D. 1920—Indianapolis (3609 Balsam Av.)—(*Political Science*)

Ranft, Charles Frederick—A. B. 1902—Instr. Hist. Balt. Polytech. Inst.—(*History*)

Sturdy, Henry Francis—A. B. St. John's 1906—Prof. Hist. Naval Academy, Annapolis—(*History*)

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1915

Clarke, Rev. Jack Holman—A. B. Presbyterian Coll. (S. C.) 1905; B. D. Union Theol. Sem. (Va.) 1908—Phila. (3343 N. 20th St.)—(*Philosophy*)

Cohen, Teresa (F)—A. B. Goucher 1912; Ph. D. 1918; Alice Freeman Palmer Fellow 1918-19—Asst. Prof. Math. State Coll. Pa. —(*Mathematics*)

Dickey, Robert William — Wash. and Lee (S. B. 1910, A. B. 1911); Ph. D. 1916—Assoc. Prof. Physics, Wash. and Lee, Lexington, Va.—(*Physics*)

Galloway, James Neville—A. B. Randolph-Macon 1908—Instr. Naval Acad. Annapolis —(*Mathematics*)

Gressitt, James Fullerton—A. B. 1906—Instr. Mabie Memorial Sch. Yokohama, Japan—(*Education*)

Hughes, William Brant—A. B. Ohio Northern 1909; Instr. 1918-19—Prof. Physics, Asbury Coll. Willmore, Ky.—(*Physics*)

Johnson, Buford Jennette—A. B. La Grange Coll. (Ga.) 1895; Peabody Scholar 1915-16; Ph. D. 1916—Assoc. Prof. Psychol.—(*Education*)

Murphy, Herbert Hayes—A. B. West. Md. 1897; Prof. Md. State Normal School 1914-17—Supt. of Schools, Hastings-on-Hudson. N. Y.—(*Education*)

Rather, James Burness—S. B. Texas A. and M. Coll. 1907—Prof. Agric. Chem. Univ. of Ark. Fayetteville 1915-23 — Chemist, Standard Oil Co. Brooklyn, N. Y.—(*Chemistry*)

Roberts, Joe Kent—Emory and Henry Coll. (A. B. 1910, and sometime Prof. Geol.); Ph. D. 1922—Asst. Prof. Vanderbilt Univ. Nashville, Tenn.—(*Geology*)

Spielman, William Carl — A. B. Cincinnati 1905—Assoc. Prof. Hist. etc., Carthage Coll. Ill.—(*History*)

Thompson, Edith Viola—A. B. Goucher 1909 —Instr. Math. Wilkes-Barre Acad. Pa.—(*Mathematics*)

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1916

Branham, Grace Bagnall—A. B. Bryn Mawr 1910; Ph. D. 1917—Colwich, England—(*English*)

Burka, Samuel Moses—A. B. 1913, Ph. D. 1919—Physicist, McCook Aviation Field, Dayton, O.—(*Physics*)

*Chinda, Masuyo—A. B. Meija Univ. 1913—(*Political Economy*)—**April* 25, 1916

Crum, Earl Le Verne—A. B. St. John's 1913; Instr. Univ. of Rochester 1916-18—Clergyman, Athens, Pa.—(*Latin*)

Dotterer, Ray Harbaugh — Ph. B. Franklin and Marshall 1906; Ph. D. 1917 — Asst. Prof. Philos. State Coll. Pa.—(*Philosophy*)

Hill, Hinda Teague—A. B. and L. I. Nashville 1903; Prof. Romance Lang. N. C. State Norm. Sch. 1908-19—Los Angeles, Cal. (3620 4th Av.)—(*French*)

Johnson, Elizabeth Friench (F)—A.B. Goucher 1911; Ph. D. 1917—Prof. Modern Lang. Dept. Winthrop Coll. Rock Hill, S. C.—(*German Lit.*)

Mohler, Fred Loomis—A. B. Dickinson 1914; Ph. D. 1917—Washington (1329 Belmont St. N. W.)—(*Physics*)

Riley, Cathryn Vedalia—A. B. Wellesley 1912; S. B. Cornell 1916; M. D. 1922—Student, Sch. of Hygiene—(*Bacteriology*)

Scharf, Carl (F)—A. B. 1914—Balt. Care of Lucas Bros.—(*German Lit.*)

Sykes, Philip Louis—A. B. 1908; LL. B. Univ. of Md. 1911—Atty.-at-Law, Balt. (110 E. Lexington St.)—(*Political Science*)

Voss, Vivian—Transvaal Univ. Coll. (A. B. 1913, now Lecturer); Ph. D. 1917—Pretoria, S. Africa—(*Physics*)

Withers, Alfred Miles—A. B. Wash. and Lee 1906; Prof. Millsaps Coll. 1915-16, Davidson Coll. 1916-18; Assoc. Southern Methodist Univ. 1918-19—Prof. Univ. of Tenn Knoxville—(*French*)

(13)

1917

Bayne-Jones, Stanhope — A. B. Yale 1910; M. D. 1914—Assoc. Prof. Bacteriol. 1916-23—Prof. Bact. Sch. Med. Rochester, N. Y. (*Pathology*)

Blalock, Hubert Morse—A. B. Univ. of N. Carolina 1916—Richmond, Ind.—(*Political Science*)

Castleman, Robert Allen, Jr.—A. B. George Washington 1915; Ph. D. 1921—Bureau of Standards, Washington—(*Physics*)

Dunlap, John Knisely—A. B. Albright 1914 —Yardley, Pa.—(*History*)

Gover, Mary — A. B. Goucher 1913—Asst. Biometry, etc.—(*Zoology*)

Greene, Elizabeth—A. B. Smith 1913—New York (96 McDougal St.)—(*Education*)

Guerrant, Sallie Adelaide—A. B. Centenary (Tenn.) 1896—Instr. High Sch. Petersburg, Va.

Hull, Joseph Poyer Deyo—Ph. B. Hamilton 1913—Oil Refining Corp. Shreveport, La.—(*Geology*)

Smallwood, Julian Chase—M. E. Columbia 1903—Assoc. Prof. Mech. Eng.—(*Mechanical Engineering*)

Tarr, Frederick Courtney—A. B. 1915.—Asst. Prof. Spanish, Princeton (1 College Rd.)—(*Spanish*)

Wan, George—A. B. Government Univ. of Peking 1912—Univ. of Peking, China—(*Political Science*)

Welsh, Helen Dorothy (Mrs. H. M. Blalock)—Goucher (A. B. 1915, and Instr. Hist.)—Richmond, Ind.—(*History*)

Wilcox, Jean Curley—A. B. Goucher 1915—Instr. Romance Lang. Sweetbriar Coll. Va.—(*French*)

(13)

1918

Cloud, John H. — Valparaiso Univ. (A. B. 1896, late Prof.)—Prof. Physics, Okla. A. & M. Coll. Stillwater—(*Physics*)

Coffin, Harrison Cadwallader—A. B. 1916, Ph. D. 1920, Rogers Fellow 1919-20—Instr. Union Coll. Schenectady, N. Y.—(*Latin*)

Dallam, Mary Theresa—B. S. 1916—Instr. Western High School, Balt.—(*English*)

Diggs, Eleanor—A. B. Goucher 1915—Roland Park, Balt.—(*History*)

Dryden, Hugh Latimer—A. B. 1916, Ph. D. 1919—Bureau of Standards, Washington, D. C.—(*Physics*)

Dulac, Victor — A. B. George Washington 1915; Ph. D. 1920—Instr. Romance Lang. Coll. of Notre Dame, Balt.—(*French*)

Hartman, Anabel Eugenia (F)—A. B. Goucher 1908; Instr. Univ. of Illinois, Urbana, 1918-20, 1922-23 — Prof. English, Wilson Coll. Pa.—(*English*)

Owens, James Herbert—A. B. Rand.-Macon 1904—Princ. High School, Newark, Del.—(*Education*)

Pelton, Nellie Frances (Mrs. Chester Allen)—A. B. Oberlin 1912 — Sometime Instr. Concordia Coll. Minn.—(*English*)

Richardson, Dorsey—A. B. 1915; Ph. D. 1920—U. S. Shipping Board—(*Political Science*) [*Feb.* 22, 1918.]

Smead, Jane Van Ness—A. B. Univ. of Paris 1916; Ph. D. 1921—Prof. Wells Coll. Aurora, N. Y.—(*French*)

Smith, Lucile Douglas—A. B. Transylvania Univ. 1904—Dean of Women, Colo. Agric. Coll. Ft. Collins—(*English*)

White, William Harry Hazard—A. B. Harvard 1905—Supt. of Schools, Seaford, Del.—(*Education*)

(13)

1919

Angel, William Piper—A. B. Tennessee 1903; Prof. Univ. of Ky. 1919-20; Instr. Univ. of Pittsburgh 1920-21; Instr. 1917-18—Instr. Tulane Univ. New Orleans—(*Physics*)

Behrens, Kathryn Laura—A. B. Goucher 1917; Ph. D. 1921—Balt. (3703 Piedmont Av.)—(*History*)

Engle, Margaret Lorraine—A. B. New Windsor 1911—Washington (1446 Harvard St. N. W.)—(*History*)

Fraser, Alexander David — A. B. Dalhousie 1910—Instr. Jamestown Coll. N. Dak.—(*Classical Archaeol.*)

Harrison, Mary Ella—Ph. B. Chicago 1910—Instr. Western High School, Balt.—(*Classical Archaeol.*)

Sister M. Xavier (Higgins)—A. B. Mt. St. Agnes (Md.) 1913—Mt. St. Agnes Coll. Mt. Washington, Balt.—(*Education*)

Sister M. Pius (Hyland)—A. B. Mt. St. Agnes (Md.) 1906—Mt. St. Agnes Coll. Mt. Washington, Balt.—(*History*)

Miller, Meta Helena—A. B. Goucher 1917; Ph. D. 1922; Instr. Wells Coll. 1919-21—Prof. N. C. Coll. for Women, Greensboro—(*French*)

Sister M. Placide (Thomas)—A. B. Mt. St. Agnes (Md.) 1903—Mt. St. Agnes Coll. Mt. Washington, Balt.—(*Mathematics*)

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1920

Bates, Robert Lee—LL. B. West Va. 1912 and A. M. 1915—Asst. Prof. Psychol. Va. Mil. Inst. Lexington—(*Education*)

Breit, Gregory (F)—A. B. 1918, Ph. D. 1921—Fellow, Nat. Research Council, Harvard—(*Physics*)

Burgee, Clyde Elmore—A. B. West. Md. 1914—Instr. Econ. Univ. of Montana, Missoula—(*Economics*)

Clemens, Maynard Arthur — B. S. Teachers Coll. Columbia 1913—Director, Sch. of Commerce, Univ. of Md. Balt.—(*Education*)

Flagg, William Junkin—A. B. Wash. and Lee 1913—Head, English Dept. Balt. Polytech. Inst.—(*English*)

Grape, Jacob—B. S. 1918—Balt. (323 E. 22d St.)—(*Education*)

Hoke, Elmer Rhodes—A. B. Franklin and Marshall 1913; Ph. D. 1922; Prof. Hood Coll. 1920-22—Prof. Lebanon Valley Coll. Annville, Pa.—(*Education*)

Lednum, Margaret Irene—(Mrs. Jas. M. Lednum—A. B. Goucher 1916—Balt. (Tuscany Apts.)—(*French*)—[*Feb.* 23, 1920]

Rosen, Raphael — A. B. 1916—Balt. (2016 Madison Av.)—(*Chemistry*)

Visscher, John Paul—A. B. Hope Coll. 1917; Instr. Washington Univ. 1920-22; Fellow by Courtesy 1922-23—Bruce Fellow—(*Zoology*)

Wensel, Henry Theodor—A. B. Washington Univ. 1917—Instr. Physics—(*Physics*)

Willis, Henry Stuart—A. B. North Carolina 1914; M. D. 1919—Assoc. Medicine—(*Zoology*)

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1921

Beardsley, Grace Hadley—A. B. Vassar 1917; Ph. D. 1922—Balt. (416 Forest Rd.)—(*Class. Archaeology*)

Sister M. Benedicta (Carney)—A. B. Mt. St. Agnes 1916—Mt. St. Agnes Coll. Balt.—(*Latin*)

Crooks, Esther Josephine — Ph. B. Denison 1909—Ph. D. 1923—Instr. Goucher Coll.—(*Spanish*)

Easterwood, Helen Cullum—A. B. Allegheny 1918—Balt. (1524 Park Av.)—(*Economics*)

Ebaugh, Mary Olive—A. B. Goucher 1907—Princ. High School, Catonsville, Md.—(*Education*)

Froelicher, Francis Mitchell—A. B. Haverford 1913—Oak Lane Country School, Oak Lane, Pa.—(*Education*)

Sister M. Catherine (Gurry)—A. B. Mt. St. Agnes 1916—Mt. St. Agnes Coll. Balt.—(*English*)

Hayes, Edward Pearce—A. B. 1916—Missionary, Foo-Chow, China—(*Education*)

Hopper, Katharine Baird—A. B. Goucher 1919—Balt. (1405 John St.)—(*Economics*)

Ibara, Yashushi—A. B. Rand.-Macon 1917—Balt. (2026 Huntingdon Av.)—(*Zoology*)

McDougall, Helen Denton—A. B. Wells 1919—Westfield, N. J. (214 Ross Pl.)—(*Economics*)

Mechanic, Morris Abel—A. B. 1918—Balt. (2 N. Broadway)—(*Economics*)

Muller, Elizabeth Elmer—A. B. Goucher 1919—Balt. (818 W. North Av.)—(*Economics*)

Palmer, George David, Jr.—B. S. Clemson 1919; Instr. Guilford Coll. 1921-22—Grad. Student—(*Chemistry*)

Persons, Elizabeth—A. B. Wells 1916—Linthicum Heights, Md.—(*Class. Archaeology*)

Schad, Harry—B. S. 1917—Instr. Math. Univ. of Md. (College Park)—(*Education*)

Schaenzlin, Gottlieb—A. B. Baldwin-Wallace 1905—M. E. Miss. Sta. Calcutta, India—(*Sanskrit*)

Schneidereith, Helene Mathilda—A. B. Goucher 1918—Balt. (4110 Springdale Av.)—(*Economics*)

Small, George William—A. B. Tennessee 1916 Ph. D. 1923—Asst. English—(*English*)

Wight, Carol Van Buren—A. B. 1919, Rogers Fellow 1921-22, Ph. D. 1922—Instr. Latin—(*Latin*)

Wolf, Carl George—A. B. Capital Univ. 1907—Clergyman, Balt.; Grad. Student—(*Psychology*)

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1922

Babcock, Violet Tenny—A. B. Vassar 1920—New York (50 Central Pk. W.)—(*Economics*)

Bader, Travis—A. B. Goucher 1918—McGaheysville, Va.—(*English*)—[*Nov.* 7, 1922]

Baldwin, Frances Elizabeth—A. B. Goucher 1920; Ph. D. 1923—Instr. Wilson Coll. Pa.—(*History*)

Barton, M. Helen—A. B. Goucher 1913—Dean. Albion Coll. Albion, Mich.—(*Mathematics*)

Berry, Thomas Morris—B. S. in Chem. 1920; Ph. D. 1923—Standard Oil Co., Brooklyn, N. Y.—(*Chemistry*)

Day, Mildred Elizabeth—A. B. Goucher 1921; Ph. D. 1923—Instr. Psychology, Hollins Coll. Va.—(*Psychology*)

Dempster, Ryland Newman—B. S. in Eng. 1918—Registrar and Grad. Student—(*Education*)

Dulac, Hilda North—A. B. George Washington 1920—Balt. (Temple Court Apts.); Grad. Student—(*Archaeology*)

Duvall, Idella Virginia—A. B. Rand.-Macon Woman's 1920—Balt. (Falls Rd. and 36th St.)—(*Economics*)

Eppes, James Bancroft—B. S. Georgia 1907—Instr. U. S. Naval Acad. Annapolis—(*Mathematics*)

Gottling, Philip Frederick—B. E. 1919; Ph. D.—Balt. (824 Harlem Ave.)—[*Nov.* 14, 1923]—(*Physics*)

Kenyon, Frieda—B. S. Barnard 1918—Washington (1643 I St. N. W.)—(*Physics*)

Levy, Raphael—A. B. 1920—Grad. Student—(*French*)

Mall, Mary Louise (Mrs. Herman Pearce)——A. B. Bryn Mawr 1920—Boston (656 Huntington Av.)—(*Physiological Chem.*)

Morrissy, Elizabeth—A. B. Beloit 1908—Instr. Coll. of Notre Dame, Balt. and Grad. Student—(*Economics*)

Naylor, Louis Hastings—A. B. 1917, and Ph. D. 1923; Belgian Relief Fellow, Liége 1920-21—Instr. Trinity Coll.—(*French*)

Rowe, Mary Buck (Mrs. Geo. D. Rowe)—A. B. Rand.-Macon Woman's 1918—Balt. (7 E. 27th St.)—(*French*)

Simmonds, Nina—B. S. Wisconsin 1915—Assoc. Bio-Chemistry—(*Bio-Chemistry*)

Skalet, Charles Hannord—A. B. Luther 1919; Vogeler Memorial Fellow 1922-23; Ph. D. 1923—Concordia Coll., Morehead, Minn.—(*Archaeology*)

Sparks, Samuel Walter—A. B. Washington (Md.) 1909—Teacher, Balt. (4505 Maine Av.)—(*Education*)

Steffey, Walter White—A. B. Emory and Henry 1913 and Ph. D. 1923—Brooklyn, N. Y. (19 Fort Green Pl.)—(*Physics*)

Weeks, Madeleine Philbrick—A. B. Smith 1915—(*History*)

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1923 (February 22)

Broening, Angela Marie—A. B. Goucher 1919—Teacher, Balt. (16 W. Lee St.); Grad. Student—(*Education*)

Hartin, William McCants—B. Litt. Furman 1897 and A. M. 1899; Th. M. So. Baptist Theol. Sem. 1904—Ridgeway, S. C.—(*Economics*)

Lavery, Lorna Isabella—A. B. Chicago 1916—Instr. N. C. Coll. for Women, Greensboro—(*Spanish*)

Nicholls, Edith Evelyn—A. B. Smith 1919—New Haven, Conn. (1220 Chapel St.)—(*Psychology*)

(4)

1923

Adams, Helen Louise—A. B. Goucher 1919.—Balt. (2215 N. Calvert St.)—(*Physics*)

Arjona, Carlos Vasquez—B. S. 1920.—Grad. Student—(*Spanish*)

Bills, Charles Everett—B. S. 1920.—Grad. Student—(*Zoology*)

Chappell, John Thomas—B. S. Guilford 1913—Balt. (233 W. Lanvale St.)—(*Chemistry*)

Culver, Lydia Margaretta—A. B. Goucher 1921—Balt. (1643 Tenth St.)—(*Political Economy*)

Eaton, Herbert Nelson—B. S. Worcester Poly. Inst. 1916—Bureau of Standards, Wash. D. C.—(*Physics*)

Finesinger, Abraham Leonard—A. B. 1921.—Grad. Student—(*Psychology*)

Finesinger, Sol Baruch—A. B. 1921—Grad. Student—(*Hebrew*)

Flowers, William Richardson—B. S. 1920—Grad. Student—(*Education*)

Fossum, Paul Robert—A. B. Park Region Luther Coll. 1915—Grad. Student—(*Political Economy*)

Franklin, Edward Earle—A. B. Western Md. Coll. 1921—Grad. Stud.—(*Education*)

Holsopple, James Quinter—A. B. Juniata College 1920—Grad. Student—(*Psychology*)

Kern, Martha Louise—A. B. Randolph-Macon Women's 1919—Staunton, Va.—(*English*)

Kilpatrick, Emmett—A. B. Maryville Coll. 1915—Grad. Student, Université de Paris—(*History*)

Levy, Joseph—B. S. Coll. of the City of N. Y.—Med. Student—(*Zoology*)

Lineburg, Bruce—A. B. Ohio Univ. 1915—Bruce Fellow—(*Zoology*)

Meeth, Ruth Elizabeth—A. B. Goucher 1918—Balt. (3507 Liberty Hgts. Av.)—(*Political Economy*)

Pasternak, Rose Lillian—A. B. Goucher 1920—Balt. (2325 Maryland Av.)—(*Political Economy*)

Plyler, Earle Keith—A. B. Furman 1917—Fellow, Cornell Univ., Ithaca, N. Y.—(*Physics*)

Price, Alice Dudek—A. B. Goucher 1917—Mary Baldwin School, Staunton Va.—(*English*)

Redditt, Bruce Hampton—A. B. Randolph-Macon 1910—Lebanon Valley Coll., Annville, Pa.— (*Mathematics*)

Ruark, Arthur Edward—A. B. 1921—Grad. Student—(*Physics*)

Stewart, Harold Julian—A. B. 1915 and M. D. 1919—Asst. in Med. Rockefeller Inst. N. Y.—(*Medicine*)

Suzuki, Hitoshi—Master of Commerce, Meiji Univ. 1920—Japan—(*Political Economy*)

Tingley, Ruth—A. B. Goucher 1914—Balt. (64 Roland Av.)—(*Political Economy*)

Van Bibber, Lena Chew—B. S. Columbia 1917—Instr. Md. State Normal Sch.—Balt. (129 E. North Av.)—(*History*)

Whistler, Margaret Kathryn—A. B. Goucher 1921—Balt. (2745 N. Calvert St)—(*Political Economy*)

Master of Engineering

1921

Inouye, Noboru—Univ. of Kyoto 1918—Prof. Imperial Univ. of Kyoto, Japan—(*Electrical*)

1922

Bryan, Guy Lee, Jr.—B. S. in Eng. 1917—Instr. Civil Eng.—(*Civil*)—[*Feb.* 22, 1922]

Bachelor of Arts

1914

Barton, Alexander Kirkland—Oxford (Rhodes Scholar 1919-21, B. D. 1921—Rector, St. Mark's Church, Berkeley, Cal.

Bowden, David Thomas, Jr.—M. D. 1918—Asst. Med.

Bridgman, Victor Horace, Jr.—Balt. (4217 Wickford Rd.)

Catlin, Herbert Edgar—Gen. Theol. Sem. N. Y. 1921—Clergyman, Manila, P. I.

Chenoweth, Laurence Benjamin—M. D. 1919—Prof. Hygiene, Univ. of Cincinnati, O.

Coblentz, Richard Gilmore—M. D. 1918—Res. Phys. Church Home and Infirm. Balt.

Corner, Henry Evans—Balt. (728 Wyndhurst Av.)

Davis, Francis Asbury—Balt. (3904 Cloverhill Rd.)

Donoho, Edmond Shepard—Balt. (18 N. Charles St.)

Dorsey, George Edwin (F)—Ph. D. 1918—Geologist, Tulsa, Okla. (P. O. Box 41)

Dorsey, John Lanahan—M. D. 1918—Physn. Balt. (1129 St. Paul St.)

Everton, Wallace Roylance—Gen. Theol. Sem. (N. Y.) 1917—Rectory, St. Mark's Church, Portland, Ore.

Geissel, Walter Frederick—Goodyear Rubber Co. San Francisco.

Getz, Lawrence—M. D. 1918—Instr. Path.; Physn. Balt. (1111 W. Lanvale St.)

Gminder, Albert Roland—Student, Harvard (1727 Cambridge St.)

Hahn, Frederick Adam—Teacher, Balt. (112 Augusta Av.)

Hammond, Albert Lanphier (F)—Instructor, Philos. 1919-21, 1923-24—Balt. (2315 Maryland Av.)

Herman, Nathan Bernard—M. D. 1918.—Phys. Balt. (Cordova Apts.)

Hollyday, Guy Tilghman Orme—Mortgage Guar. Co., Balt.

Howell, Roger (F)—Ph. D. 1917—Atty. at Law, Balt. (1403 Fidelity Bldg.)

Keiser, Samuel Jacob—Brooklyn, N. Y. (1330 47th St.)

Lauchheimer, Malcolm Horace—Ph. D. 1917—Atty. at Law, Balt. (Gaither Bldg.)

Leibensperger, Raymond—Chief Geologist, Transcontinental Petrol. Co., Tampico, Mex.

***Leland, Frank Kimball**—(**Feb.* 26, 1918.)

Levy, Charles Sumner—M. D. 1918—Chief Surg. Res. Hebrew Hosp. Balt.

***Lynch, Vernon**—Ph. D. 1918; Asst. Physiol. 1916-18—**July* 25, 1918.

Nachlas, Israel William—M. D. 1918—Instr. Clin. Orth. Surg.

Penniman, John Alexander Dushane—Atty. at Law, Balt. (623 Gaither Bldg.)

Porter, Clarence Chipley—M. D. 1918—Instr. Path. Univ. of Cal.; Physn. San Francisco.

Powers, Donald Wales — Beltsville, Md. (R. F. D.)

Randall, Blanchard, Jr.—Melvale, Md.

Rice, John Hubner—Atty. at Law, Balt. (215 N. Charles St.)

Richmond, Harry Walker—Princeton Theol. Sem. 1917—Clergyman, Lackawanna, N. Y. (Presb'n Settlement House)

Sachs, Louis—M. D. 1918—Surg. Balt. (The Marlborough)

Schaffer, Aaron (F)—Ph. D. 1917; Asst. 1916-19 — Instr. French. Univ. of Texas, Austin.

Scharf, Carl (F)—A. M. 1916—Balt. care of Lucas Bros.

Schoenewolf, Arthur Martin—Catonsville, Md.

Simpson, Kemper—Ph. D. 1917—Tariff Comm. Washington.

Sinclair, Joseph Clement—Clergyman, Gaithersburg, Md.

Snyder, Charles Irvin—Balt. (711 Reservoir St.)

Steinmüller, Karl Josef — M. D. 1922—Asst. to Dr. Bloodgood in Surg. Path.

Stiebel, Harold Leo—Balt. (2009 Callow Av.)

Supplee, Cochran—U. S. F. & G. Co. Chicago (181 W. Quincy St.)

Sutton, Walter Degges—Missionary, Tavoy, Burmah.

del Valle, Carlos M.—

Weber, Carl Jefferson—Oxford (Rhodes Scholar 1914-17, A. B. 1917, A. M. 1920); Asst. 1920-21; Instr. English, U. S. Naval Acad. Annapolis, 1921-23 — Prof. English, Colby Coll. Waterville, Me.

***Wells, Clifford Almon**—Canadian Army 1914-17—(**In action in France,* 1917)

White, Steuart D'Ohl—Garrett Bibl. Inst. 1917—Clergyman, Chicago (1605 W. Harrison St.)

Whitehill, Milford Henry—Balt. (2036 Eutaw Place)

Wilkins, Lawson—M. D. 1918—Phys. Balt. (1014 St. Paul St.)

Yost, John Stevenson Long — Atty. at Law, Balt. (1403 Fidelity Bldg.

Treide, Henry Ernest—Balt. (21 Hopkins Pl.) —(Class of 1904)—[*Oct.* 14, 1914.]

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1915

Baker, William Addison, Jr.—Transcontinental Petrol. Co., Tampico, Mexico.

Baroway, Moses—Rabbi, Wilmington, Del. (513 McCabe Av.)

Bartlett, Joseph Thomas, Jr. — Greenfield, Mass.

Biser, Daniel Benton—Balt. (3832 Ashburton Av.)

Brinton, Wilmer, Jr.—Balt. (1232 N. Calvert St.) [*Oct.* 15, 1915.]

Brooks, Arthur Edward—Instr. McKendree Coll. 1915-17—Hinsdale, Ill. (264 Hickory St.)

Cohn, Leopold Clarence—M. D. 1919—Surg. Balt. (2011 Eutaw Pl.)

Cole, Raymond Kenmore — Hercules Powder Co. Brunswick, Ga. (503 George St.)

Deems, Charles Everard — Rochester Theol. Sem. 1918; Clergyman, New Brunswick, N. J.

De Witt, John — Roland Park, Balt. (510 Wilmslow Rd.)

Ebaugh, Franklin Gessford—M. D. 1919—Res. Philadelphia Gen. Hosp.

Eiseman, Millard — Atty. at Law, Chicago (600 The Temple).

Ford, Frank Rodolph—M. D. 1920—Instr. in Medicine.

Hall, George Martin—Ph. D. 1923—Instr. Geology.

Hilgartner, Andrew Henry—Balt. (Homewood Apts.)

Hutzler, Joel Gutman David—Balt. (210 N. Howard St.)

Levinson, Charles William—Asst. Examiner, Patent Office, Washington.

Lindau, Norman C.—Balt. (1800 Eutaw Pl.)

Merrick, William Spedden — Balt. (Keyser Bldg.)

***Nicholson, Norman Clive**—(**Feb.* 16, 1920.)

Niles, Alfred Salem, Jr.—Engineer, McCook Field, Dayton, O. (311 Salem Av.)

Perkins, Alvin Thomas—Clergyman, Mt. Savage, Md.

***Prince, Edmund Howard**—Lieut U. S. A. (**In action in France, Sept.* 28, 1918.)

Richardson, Dorsey—A. M. 1918; Ph. D. 1920 —U. S. Shipping Bd. [*Oct.* 15, 1915.]

Sacks, Benjamin—M. D. 1919—Fellow Mt. Sinai Hosp. N. Y.

Short, John Saulsbury—Atty. at Law, Balt. (38 E. 25th St.)

Smith, Rush Wiley — Clergyman, Hallowell, Me.

Spencer, Emmette Rigdon—Clergyman, Balt. (2504 Woodberry Av.)

Stewart, Harold Julian—M. D. 1919 and A. M. 1923; Bingham Fellow 1921-22 — Asst. in Med. Rockefeller Inst. N. Y.

Swartz, Joel Howard (F)—Instr. McKendree Coll. 1915-16; Instr. Geol. 1920-23; Ph. D. 1923.—Univ. of N. C., Chapel Hill.

Tarr, Frederick Courtney—A. M. 1917 and Ph. D. 1917—Asst. Prof. Princeton. (1 College Rd.)

Thompson, Stephen Ignatius—Balt. (712 N. Calhoun St.)

Troxell, Thomas Franklin—Balt. (3312 W. North Av.)

Uhler, Claud Irving—M. D. 1919—Phys. Dallas, Tex. (2805 Ruth St.)

Voshell, Allen Fiske — M. D. 1919 — Asst. 1919-21—Instr. Orthoped. Surg. Univ. of Va.

Warren, Avra Melvin—U. S. Consul, Karachi, India.

Weech, Charles Sewell—Balt. (5512 York Rd.)

(37)

1916

Aler, Robert Edward Foster—Rochester Theol. Sem. 1919—Sec. Md. State B. Y. P. U. Balt. (911 N. Carrollton Av.)

Baer, Ridgely Waters—M. D. 1920—Physn. Frederick, Md.

Bagley, Myron Everhart—Kansas City, Mo. (15 W. 10th St.)—[*Oct.* 3, 1916.]

Beck, Nathaniel Munroe—Balt. (2422 N. Calvert St.)

Bell, Frederick Keller—Ph. D. 1920—Instr. Pharmacol.

Coffin, Harrison Cadwallader—A. M. 1918, Ph. D. 1920, Rogers Fellow 1919-20—Instr. Union Coll. Schenectady, N. Y.

Cromwell, Guy Nelson—M. D. 1920—H. A. Kelly Hosp. Balt.

Dryden, Hugh Latimer—A. M. 1918, Ph. D. 1919—Bureau of Standards, Washington.

Fader, Ira Brownold—Balt. (934 Brooks La.)

Fricke, Robert Elmer—M. D. 1920—Res. H. A. Kelly Hosp. Balt.

Friedenwald, Jonas Stein—M. D. 1920—Phys. Balt. (1029 Madison Av.)

Gichner, Manuel Gutman—M. D. 1920—Phys. Balt. (2504 Madison Av.)

Hale, Robert William—

Hardy, Arthur Alexander—Evansville, Ind. (Bernardin Apt.)

Hayes, Edward Pearce—A. M. 1921—Missionary, Foo-Chow, China.

Helfrich, Oregon Benson (F)—Ph. D. 1920—Chemist, Orange, N. J. (416 Highland Av.)

Ludington, George Franklin—LL. B. Harvard 1920—Atty. at Law, N. Y. (32 Liberty St.)

McCormick, Miles Hutchinson—Clergyman, Balt. (816 N. Eutaw St.)

McDowell, Clarence Whitford—Ridley Pk. Pa.

Melamet, Karl—Instr. Balt. Poly. Inst.

***Milburn, Page, Jr.**—**Feb.* 3, 1923.

Primrose, Arthur Chipman—M. D. 1920—Res. H. A. Kelly Hosp. Balt.

Rosen, Raphael—A. M. 1920—Balt. (2016 Madison Av.)

Rosenthal, Emil—Balt. (Linden Av. and Chauncey St.)

Spieker, Edmund Maute—Ph. D. 1921—U. S. Geol. Survey, Washington.

Stargardter, Albert Rosenstock—Balt. (Marlboro Apts.)

Tinges, Charles Howard—Balt. (1305 Linden Av.)

Tingley, Thomas Jay—Atty. at Law, Balt. (Continental Bldg.)

Wade, Ira Owen—Prof. Romance Lang. Marietta Coll—[*Oct.* 3, 1916.]

(29)

1917

Bagley, Cecil Hopkins—M. D. 1921—Res. Surg.; Asst. in Surg.

Baker, Lawrence Henry (F)—Ph. D. 1920—Instr. Greek.

Brooks, James Vincent, Jr.—Balt. (3314 Alto Ave.)

Brower, Albert P.—Balt. (223 Harford Av.)

Chen, Ho-Chin—Instr. High Normal School, Nanking, China.

Conn, Bernard Herman—Atty. at Law, Balt. (Calvert Bldg.)

Cushing, Thomas Morris—Instr. English 1917-21—Woodbrook, Md.

Davis, Allan Conradt—Balt. (25 Somerset Rd.)

Dawson, Frank William—Balt. (1811 Guilford Ave.)

Doermann, John Emil Andrew—B. D. Capital Univ. 1920—Clergyman, Lancaster, O. (211 E. Main St.)

Durr, William Bantz—Balt. (1909 Longwood St.)

Edgett, Eugene Albert—Atty. at Law, Balt. (1403 Fidelity Bldg.)

Edlavitch, Ernest—M. D. 1921—Res. Gyn. and Obstet. Mercy Hosp. Balt.

Firor, Warfield Monroe—M. D. 1921—Asst. Res.; Asst. in Surg.

France, Robert—Balt. (Geneva Apts.)

Frank, Harry Ferdinand William—Balt. (Hamilton.)

Gontrum, Thomas McCauley—Balt. (Raspeburg.)

Gorman, Howard Jennings—Lieut. U. S. Artillery.

Hall, Frederick Parrott—Balt. (U. S. F. & G. Co.)

Hobelmann, Herman August—Balt. (St. James Apts.)

Houghton, Ira Luther—M. D. 1921—Physn. Akron, Ohio.

Hurwitz, Chester Ezekiel—Balt. (900 E. Lombard St.)

Knipp, John Christian—Balt. (343 N. Charles St.)

League, Walter Cecil—Student, Garrett Bibl. Inst. Evanston, Ill.

McKewen, William Archibald—Balt. (919 Cathedral St.)

Merrick, Robert Graff—Ph. D. 1922—Vice-Pres. Md. Finance Corp. Balt. and Asst. Prof. Economics, St. John's Coll. Md.

Mowbray, John McConkey—Roland Park Co. Balt.

Naylor, Louis Hastings—A. M. 1922 and Ph. D. 1923; Belgian Relief Fellow, Liége 1920-21—Instr. Trinity Coll.

Oppenheimer, Reuben—LL. B. Harvard 1921—Atty. at Law, Balt. (626 Equitable Bldg.)

Pitt, Charles Gordon—Balt. (200 E. Preston St.)

Roop, John Daniel, Jr.—B. S. in Eng. 1917—Linwood, Md.

Rosenau, William Hellman—M. D. 1921—Res. Physn. Michael Reese Hosp. Chicago.

Scarborough, Harold Ellicott—Balt. (4724 York Rd.)

Shaw, Edwin Orville—Balt. (2200 Poplar Grove St.)

Skinner, William Howser—Atty. at Law, Balt. (301 Roland Av.)

Smith, Edmund Law Rogers—Balt. (719 Park Av.)

Smith, Randolph—Balt. (U. S. F. & G. Bldg.)

Smith, Wesley Royston—Glenarm, Md.

Steinbach, Alexander Alan—Norfolk, Va.

Sutton, Paul Windom—M. D. 1921—Res. Surg. Cincinnati Gen. Hosp.

Weech, Alexander Ashley—M. D. 1921—Instr. in Ped. and Res. Ped.

Wilson, Francis Howard—Wilna, Md.

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1918

Breit, Gregory (F)—A. M. 1920, Ph. D. 1921—Fellow, Nat. Resch. Council, Harvard. [*Oct.* 1, 1918.]

Bryan, Cecil Austin—Balt. (2812 W. North Av.)

Chalmers, Allan Knight—Student, Yale Divinity Sch., New Haven.

Chu, Jennings Pin-Kwei — Ph. D. Columbia 1922 — Nat. Southeastern Univ. Kiangsu, China.

Cover, Millard James—Denver, Colo. (165 Franklin St.)

Eby, James Brian—Ph. D. 1922—U. S. Geol. Survey, Washington.

Golder, Archibald—Balt. (3508 Fairview Av.)

Hall, Clayton Morris—Ph. D. 1922—Instr. Latin, Smith Coll. Northampton, Mass.

Hamburger, Adolf Lawrence—Balt. (2315 Eutaw Pl.)

Hoffman, William Samuel—Ph. D. 1922—Asst. Physiol. Chem.

Jarrett, Edwin Bosley—M. D. 1922—Asst. Disp. Laryngologist.

Knoop, Johann Hinrich—Germany.

Kohn, Bernard Louis Benno—Mt. Washington, Balt.

Lenhard, Raymond Early—M. D. 1922—Interne, Toronto Gen. Hosp.

Levy, Isidore Irvin—M. D. 1922—Interne Hebrew Hosp. Balt.

Levy, Lester Stern—Balt. (2352 Eutaw Pl.)

Love, William Samuel, Jr.—Balt. (836 W. North Av.)

McGuigan, Cletus Edmund—M. D. 1922—H. O. Mass. Char. Eye & Ear Infirm. Boston.

Mechanic, Morris Abel—Balt. (2 N. Broadway.)

Merryman, Lewis Carl—LL. B. Harvard 1921—Towson, Md.

Michelson, Israel David—M. D. 1922—Path. Dept. U. of Tenn. Memphis.

Miegel, Charles Hermann—LL. B. Univ. of Md. 1922—Balt. (2401 Frederick Av.)

Miller, Jay Jefferson — Balt. (Esplanade Apts.)

Morley, Frank Vigor—Rhodes Scholar, Oxford, England.

*Neuhausen, Benjamin Simon—Ph. D. 1921—Instr. Physiol.—[**August* 20, 1923]

Norris, Grover William—Teacher, Balt. (1802 N. Fulton Av.)

Rothschild, Morton Kahn—Balt. (Emersonian Apts.)

Sanner, J. Everett—M. D. 1922—Interne, Union Mem. Hosp. Balt.

Sapp, Charles Daniel — Clergyman, Balt. (1324 N. Caroline St.)

Smith, David Petit, Jr.—Instr. Lawrenceville Sch. N. J.

Spiers, Tomas Hoskins—Richmond, Va. (415 N. 23d St.)

Sun, Ko-Chi—M. D. 1922—Asst. Res.; Asst. in Obstet.

Wasserman, Harry—M. D. 1922—House Officer.

Wells, William John Henry Braden — Balt. 120 S. Calhoun St.)

Woodward, Richard Henley, Jr.—Balt. (1307 John St.)

Extra Ordinem

The following members of the class of 1918 had enlisted in the military service of the Government after completing three years' work:

Clark, Stanley Irving—Balt.

Connolly, Lloyd Brooks—Baldwin, Md.

Cort, Hugh—Overlea, Md.

Cromwell, Martin John—Lake Roland, Md.

Cromwell, Walter Franklin—Lake Roland, Md.

Duncan, Robert Reginald—LL. B. Harvard 1922—Cockeysville, Md.

Egerton, Stuart Wilson—M. D. 1922—Asst. Laryngologist.

Evans, Henry Cotheal—Balt. (Canterbury Hall.)

Jacobson, Alfred Wilmot—R. H. O.

Kohn, Martin Benno—Mt. Washington, Balt.

Randall, Alexander — Balt. (8 Mt. Vernon Pl. W.)

Sutton, Franklin Wilson—Balt. (1735 Bolton St.)

Swartz, William Hamilton—Balt. (Windsor Park)

Taylor, Walter Lee — LL. B. Univ. of Md. 1922—Catonsville, Md.

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1919

Baroway, Aaron Bear—Balt. (2554 McCulloh St.)

Beard, Leslie Carrington, Jr.—Ph. D. 1922; Inst. Chem. 1922-23—Stand. Oil Co. N. Y.

Bloom, William—M. D. 1923—Interne Michael Reese Hosp. Chicago, Ill.

Carneal, George Upsher—M. D. 1923—R. H. O.

Chang, Hsin-Hai—

Ebeling, Karl Wilhelm—M. D. 1923—Interne, Brooklyn State Hosp. N. Y.

Fenneman, Frank Thomas—Raspeburg, Balt.

Fisher, Morton Poe—Balt. (704-705 Union Trust Bldg.)—(*extra ordinem.*)

Frisch, John Wilcox—Balt. (314 Woodlawn Rd. R. P.)

Ginsberg, Leon Morris—Balt. (3001 Garrison Av.)

Grave, Thomas Brooks—Ph. D. 1923—Hynson, Westcott & Dunning Fellow.

Greenwald, Leon—M. D. 1923—Interne, Hebrew Hosp.

Guttmacher, Alan Frank—M. D. 1923—Asst. in Anatomy.

Guttmacher, Manfred S.—M. D. 1923—Interne, Mt. Sinai Hosp. N. Y.

Harris, Joseph—M. D. 1923—Interne, Hebrew Hosp.

Hecht, Stewart Emanuel—Balt. (1616 Eutaw Pl.)

Hooper, Arthur Upshur—Law Student, Harvard (36 Central St., Somerville.)

Kellum, Lewis Burnett—Grad. Student.

Kirk, Harris Elliott, Jr.—Davison Chem. Co. Balt. (502 Cathedral St.)

Kriegel, Philip—Balt. (2503 McCulloh St.)

Lachman, George S.—M. D. 1923—Interne, Cincinnati Gen. Hosp. O.

Miller, Henry S.—Balt. (Espianade Apts.)

Novey, Max Alexander—M. D. 1923—Interne, St. Agnes Hosp.

Rivkin, Sampson—Washington, D. C. (1416 Euclid St. N. W.)

Schiavo, Giovanni Ermenegildo — New York (509 W. 110th St.)

Shpritz, Nathan—Med. Student.

Siegel, Isadore Abraham—M. D. 1923—Interne, Howard Hosp. Phila. Pa.

Simon, Leo William—Washington. (1512 H St. N. W.)

Smith, Beverly Waugh, Jr. — B. L. Oxford 1922—Atty. at Law, N. Y. (165 Br'dway)

Stanley, John Snowden—Law Student, Univ. of Md.

Thomsen, Roszel Cathcart—LL. B. Univ. of Md. 1922—Atty. at Law, Balt. (4 Midvale Rd. R. P.)

Tull, James LeRoy—New York (427 W. 14th St.)

Vandermast, Adolph Polland—Colgate, Md.

Vickers, James Leonard—Med. Student.

Warthen, William Horace Franklin — M. D. 1922—Interne. Childrens Hosp. Akron, O.

Wight, Carol Van Buren—A. M. 1921, Rogers Fellow 1921-22, Ph. D. 1922—Instr. Latin [*Extra ordinem, Dec.* 3, 1919.]

Williams, Tiffany Johns—M. D. 1923—R. H. O.

Yu, Chai Lan—Ph. D. Columbia 1922—China. (38)

1920

Bartels, John Ries—LL. B. Harvard 1923—New York City (24 Broad St.)

Beall, Paul Uburto—LL. B. Univ. of Md. 1922—Balt. (827 W. 36th St.)

Benson, Carville Dickinson, Jr.—Halethorpe, Md.

Berkowitz, Joseph Moses—Law Student, Harvard. (79 Oxford St. Cambridge.)

Blum, Albert Herbert — Balt. (2502 Brookfield Av.)

Bratt, Daniel Baker—Balt. (3100 N. Calvert St.)

Bresee, Fred., Jr.—

Brumbaugh, John Daniel—Louisville, O.

Burger, Thomas Terry—Med. Student.

Carroll, Mitchell Benedict—Student, Ecole Libre Pol. et Lit. Paris.

Cattanach, George Scholl—Med. Student.

Coleman, Aylett Breckinridge, Jr.—Law Student, Univ. of Va.

Cox, Richard Threlkeld, Jr.—Grad. Student and Instr.

Craft, Philip Charles—Balt. (Rusk Ave.)—[*October* 5]

Cromwell, William Kennedy, Jr.—Lake Roland, Md.

Cullen, James Kimmey, Jr. — Law Student, Harvard (42 Kirkland St., Cambridge)—[*November* 2, 1920.]

Dail, Harold Wilson—LL. B. Harvard 1923—New York City (128 William St.)

Davis, Hamilton Chace—Balt. (25 Somerset Rd.)

Driver, Warren Maynard—LL. B. Harvard 1923—New York City (128 William St.)

Emlet, Winfield Henry—Hanover, Pa.—(*November* 2]

Evans, George Heberton, Jr.—Grad. Student.

Field, Richard Lane—Balt. (304 Robert St.)

Foard, Francis Millard — Instr. Balt. City Coll.; Law Student, Univ. of Md.

Gardner, William Maslin—Balt. (6 W. Preston St.)

Glick, Samuel—Student of Pharmacy, Univ. of Md. Balt.

Goodman, Morris Harold—Med. Student.

Griesacker, Joseph Benedict—Balt. (1056 W. Barre St.)

Griffiss, Bartow—Ph. D. 1923—Univ. of S. Dak., Vermillion, S. Dak.

Grollman, Arthur—Ph. D. 1923—Instr. in Chem.

Hettleman, Milton Leonard—Grad. Pharm. U. of Md. 1922—Balt. (2012 Brookfield Av.)

Hinrichs, Paul Christopher—Balt. (2 W. 39th St.)

Hoffmeister, John Edward—Ph. D. 1923.

Hsieh, Pao Chao—Ph. D. 1923—Instr. Pol. Science, Univ. of Shansi, China.

Krantz, Clemens Ireneus—Med. Student.

Leber, Charles Tudor—Clergyman, Trenton, N. J.

Levin, Max—Med. Student.

Levy, Raphael—A. M. 1922—Grad. Student.

Lewin, John Henry—LL. B. Harvard 1923—Balt. (3004 N. Calvert St.)

Lomauro, James Rosario—Med. Student, Cornell Univ. New York City.

Lou, Kwang Lai—[*Feb.* 23, 1920]

Mallalieu, Willam Cassell—Instr. Univ. of Mo. 1920-22—Grad. Student.

McCleary, Oscar Wood—

Merriken, William Lee—Law Student, Univ. of Md. Balt.

Mersereau, Harold Holt — Cleveland (2060 90th St.)

Meyer, Ferdinand—Balt. (5 Beechdale Rd.)

Morriss, Henry Hayles—Balt. (1904 Mt. Royal Terr.)

Niles, Henry Edward — New York (606 W. 115th St.)

Norwood, William Knight — Balt. (Windsor Hills.)

Rank, James Lindley—

Saiontz, Leon Robert—Balt. (815 E. Balto. St.)
Schaffer, Alexander Jonas—Med. Student.
Scott, Carl Gustave—Englewood, N. J.
Sickel, Edward Wilson—M. D. 1923—Interne, Hosp. for Women of Md.
Silberstein, Samuel—Balt. (705 Lake Drive.)
Smith, Walter Roy—Grad. Student.
Snyder, Frederick Amos—Med. Student.
Stearns, John Lester — Washington (1425 Rhode Island Av.)
Stein, Charles Francis, Jr.—Balt. (Lake Drive).
Straus, William Louis—Grad. Student.
Strauss, William Alfred—Med. Student.
Stude, William Carl—Med. Student.
Taylor, Roger Kirkbride—Ph. D. 1923—Instructor in Chem.
Wagner, George Warren—Balt. (3038 St. Paul St.)
Weiskittel, Harry C., Jr.—Balt. (3022 St. Paul St.)
Wharton, James Pollard—Balt. (224 W. Lafayette Av.)—[*Oct.* 5, 1920.]
Wiggins, Paul Russell — Balt. (427 E. 22d St.)
Wyckoff, Vertrees Judson—Ph. D. 1923—Beth. Steel Co. Steelton, Pa.
Yaffe, Harry—Balt. (2003 E. Pratt St.)
Yeaworth, Irvin Shortess—Student, Berlin, Germany.

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1921

Aguado, Joseph—Student, Pa. State Coll.—[*Oct.* 4, 1921.]
Almy, Warren Wright—Mt. Washington, Balt.
Baroway, Israel—Balt. (2554 McCulloh St.)
Basford, Emory Shelvy—Instr. Tome Sch. Md.
Boone, James Rawlins Herbert — Lake Roland, Md.
Bowers, Ralph Firestone—Med. Student.
Bramble, Forrest Fulton—Balt. (3901 Juniper Rd.)
Brittingham, Otto Washington — Clergyman, Brunswick, Md.; Grad. Student.
Brotman, Harry—Newark, N. J. (224 Hillside Av.)
Brunswick, David—Ph. D. 1923—Research Asst. Harvard Med. Sch. Boston.
Calkins, Frederick Russell, Jr.—Student, Mass. Inst. Tech. Boston (20 Hemenway St.)
Cannon, Burdelle Sittler—Med. Student.
Cattanach, Lachlan McArthur—Med. Student.
Chomsky, William—Balt. (1716 E. Fayette St.)
Collins, Robert Edward Lee—Grad. Student.
Coulter, Douglas—Instr. Amer. Univ. Cairo, Egypt.
Deems, Merwin Monroe—Student, So. Baptist Theol. Sem. Louisville.
Deichmann, George Lipps, Jr.—Balt. (Park Hts. Av.)
Donohoe, Edward Cyril — Balt. (2644 N. Charles St.)
Douglas, John Gray—Grad. Student.
Eastland, John Sheldon—Balt. (2736 N. Calvert St.)
Ellis, Francis Alva — Balt. (616 Dumbarton St.)
Fedder, Abraham—Grad. Student.
Feldman, Morton Harry—Woodbine, N. J.
Fineman, Isidor Saron—Balt. (3516 Holmes Av.)—[*Oct.* 4, 1921.]
Finesinger, Abraham Leonard—A. M. 1923—Grad. Student.
Finesinger, Sol Baruch—A. M. 1923—Rayner Fellow.
Foote, Edward Lester—Med. Student.
Foster, Reuben—Balt. (23 E. 22d St.)
Fox, Ezekiel Chester—Balt. (1268 E. North Av.)
Glassman, Morris—Grad. Student.
Goetz, George — Teacher, Balt. (2110 E. Pratt St.)
Gould, Clarendon Ivan Theodore, Jr.—Buffalo, N. Y.
Halle, Jesse Mann—Student, Business Admin. Harvard.
Haseltine, Raymond Holden—Grad. Student.
Heiner, Robert Graham — Rhodes Scholar, Christ Church Coll. Oxford.
Howard, Nelson J.—Med. Student.
Hyman, Calvin—Balt. (1841 N. Bond St.)
Jenkins, George Thaxton—Balt. (*The Sun*)
Johnson, James Thomas, Jr.—Med. Student.
Kairys, Fred—Balt. (3406 Auchentoroly Ter.)
Kalnit, George T.—Montreal, Canada (76 Milton St.)
Kennady, Bascom King—Balt. (Univ. Apts.)
Keyes, Norman Chase—Grad. Manager of Athletics.
Kurrelmeyer, Bernhard—Grad. Student.
Lachman, Sander Edwin—Med. Student.
Lin, Shih-Hsi—Med. Student—[*Oct.* 4, 1921.]
Liu, Shi-Shun—Student, Univ. of Mich. Ann Arbor (311 Thompson St.)—[*Oct.* 4, 1921.]
Loe, Yung Jao—Peking, China. (86 Yung Shiang Hutang)—[*Oct.* 4, 1921.]
Lord, Llewellyn Williams—Med. Student.
Macht, Louis Ephraim—Balt. (1716 N. Fulton Av.)
Marcuse, John Alexander—Richmond, Va. (2213 Monument Av.)
Marshall, Samuel Frederick—Med. Student.
Millikin, Neil—Med. Student, Harvard.
Morgan, Tilghman Vickers—Balt. (10 E. Fayette St.)
Morici, Theodore—Med. Student.
Mossom, Donald Stuart—
Myers, Willis Adelbert—Balt. (3523 Newland St.)
Niles, Henry Darling—Med. Student.
Norris, Edward Taylor—Balt. (Severn Apts.)
Norwood, Vernon Hyatt—Med. Student.
Parker, Richard Alexander—Instr. Balt. City Coll.
Perkins, Clarence Warwick, Jr.—Balt. (4440 Reisterstown Rd.)

Pickford, Edward Morse—Med. Student.
Pusch, Lewis Charles—Med. Student.
Reed, Harold—Hagerstown, Md. (R. F. D. 3.)
Ritter, William Townsend—Woodlawn, Md.
Rossing, John Milton—Prin., Ellicott City H. S. (Md.)—[*Feb.* 22, 1921.]
Rutledge, Benjamin Huger, Jr.—Med. Student —[*Oct.* 4, 1921.]
Ruark, Arthur Edward—Grad. Student.
Sadtler, Howard Plitt, Jr. — Law Student, Harvard.
Sherry, Milton—Med. Student.
Shih, Tsung Yu—Mngr. Chinese Student Monthly, N. Y. (255 W. 110th St.)
Smith, Frank Robert, Jr.—Med. Student.
Swartz, Frank McKim — Univ. of N. C., Chapel Hill.
Strauss, Hyman—Med. Student.
Trew, Bartus—Balt. (127 W. Lafayette Av.) —[*Feb.* 22, 1921.]
Weinberg, James Arthur—Med. Student.
Wright, Chauncey Bechtle — Med. Student, Cornell Univ. N. Y.
Zubin, Joseph—Philadelphia (1242 S. 50th St.)

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1922

Abbott, Frederick—[*Oct.* 3, 1922.]
Afable, Miguel B.—Med. Student, Boston Univ.
Askin, Aaron John—Balt. (2218 Whittier Av.)
Badillo, Mariano—Balt. (Y. M. C. A.)
Barker, Jacob Harry, Jr.—
Bauernschmidt, August John — Balt. (2317 Arunah Av.)
Beall, Crandler Baker—Grad. Student.
Bell, Vernal Augustus—Balt. (217 N. Calhoun St.)
Blechman, Abraham Joel—Med. Student.
Bloom, Benson—Med. Student.
Brawner, Henry Peirce—Balt. (4 Club Rd., R. P.)
Brickwedde, Ferdinand Graft — Grad. Student—[*Oct.* 3, 1922.]
Caplan, Samuel Harry—Ellicott City, Md.
Castner, Burton Menaugh—
Chen, Chao Ming—Grad. Student.
Clarke, Louis Alfred—Grad. Student—[*Oct.* 3, 1922.]
Cline, Edwin Louis — Grad. Student—[*Feb.* 22, 1922.]
Cohen, Morris—Wash., D. C. (1908 E St. N. W.)
Cotton, Henry Douglas—Balt. (3004 N. Calvert St.)
Dimond, Albert Edward — Balt. (2909 St. Paul St.)
Dorcus, Roy Melvin—Grad. Student
Duffy, James Wilson—Balt. (3106 Oakfield Av.)
Ebaugh, Cameron Duncan—Rice Institute, Texas—[*Feb.* 22, 1922.]
Emmart, Adolphus Dunan — Balt. (2303 Edgemont Av.)
Engel, Gilson Colby—Med. Student, Harvard —[*Oct.* 3, 1922.]
Feldman, Milton—Woodbine, N. J.
Forgrave, Harrison Sales—Med. Student.
Fortney, William Russell—York, Pa.
Frank, Eli, Jr. — Law Student, Harvard (Gannett House)
Gerber, Isadore — Balt. (2327 Mondawmin Av.)
Hartman, Stanley E.—Balt. (Park Hghts. Av. and Taney Rd.)
Hiss, Bosley—Balt. (1427 Linden Av.)
Huey, Edward Greene—Ruxton, Md.
Irvin, Warren Edward—Shoreham, L. I., New York.
Jacobsen, Eric — Balt. (309 Oakdale Rd., R. P.)
Johnston, Christopher—Med. Student.
Jolson, Meyer Stanley—Balt. (2002 Madison Av.)
Justice, Daniel Webster—Clergyman, Balt. (1226 Belmont Av.)
Keen, Morris—Med. Student, Univ. of Mich.
Klotz, Benjamin Howard — Med. Student, Yale.
Langeluttig, Albert George, Jr.—Grad. Student.
Lankford, Henry Jones—Student in Paris.
Levin, Benjamin Szold—Grad. Student.
Lilien, Milton Mordecai—Newark, N. J. (37 Hillside Av.)
Lovell, Storrow Gordon—Garrison, Md.
Macdonald, Donald Hector—Med. Student.
Marbury, Charles Claggett—Upper Marlboro, Md.
Markell, John Usher—Frederick, Md.
Murphy, Lawrence Dixon—Washington (41 Dupont Apts.)
Myer, George Albert — Insurance, Balt. (Munsey Bldg.)
Myers, Morris—Med. Student.
O'Keefe, John—Kansas City, Mo. (5840 Wyandotte St.)
Owings, Robert Edward—Balt. (1733 Linden Av.)
Parsons, Paul Shumway—Law Student, Northwestern Univ. Chicago.
Platt, Edgar Gillmore—
Price, William Albert, Jr.—Aberdeen, Md.
Putzel, Edward Lewis—Balt. (2428 Callow Av.)
Ravidowitz, Jacob—Med. Student.
Reifschneider, Herbert Elbert—Med. Student, Univ. of Md.
Rones, Benjamin—Med. Student.
Roschen, Ernest Carl Henry—Grad. Student.
Rosenfeld, Max Harry—Balt. (1914 E. Balt. St.)
Rosenstock, Benjamin Brafman — Frederick, Md. (Rose Haven)

Rothman, Phillip Elias—Med. Student.
Rush, Richard Irwin—Woodstock, Va.
Schneider, David—Balt. 644 W. Redwood St.)
Schulze, Ivan Leonard—Balt. (2245 Eastern Av.)
Schuman, William—Balt. (3408 Morris Av.)
Shank, Louis Warren—Balt. (1814 W. Lafayette Av.)—[*Oct.* 3, 1922.]
Sharretts, Charles Roland, Jr.—Catonsville, Md.
Shortess, George Seidel—Instr. Biology, Mt. St. Mary's Coll. Emmittsburg, Md.
Singewald, Quentin Dreyer—Grad. Student.
Smith, Emil—Balt. (311 Cathedral St.)
Smith, Nicholas McCubbin—Balt. (103 W. Monument St.)
Sparks, Joseph P.—Med. Student.
Spielman, Aaron David—Brooklyn, N. Y. (5023 13th St.)
Steck, Harry Horton—Balt. (603 N. Calhoun St.)
Stellman, Edward Bradley—Balt. (701 Cathedral St.)
Totterdale, William Grainger—Med. Student, Univ. of Md.
Trubek, Max—Med. Student.
Wallace, Samuel Kendig—Grad. Student.
Warren, Frederick, Jr.—Ellicott City, Md.
Watkins, Robert Dorsey—Grad. Student.
Wells, Joseph Brent—Balt. (2931 St. Paul St.)
Worden, Stanley—Med. Student.

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1923 (February 22)

Dinsmore, Herman H.—Balt. (3512 Springdale Av.)
Dubbelde, John Julius, Jr.—U. S. Army (Fort Eustis, Va.)
Li, Yao-Tz'u—Grad. Student, N. Y. Univ.
Lipps, Frederick Wiessner—Catonsville, Md.
Sparks, Walter Marion—Balt. (4505 Maine Av.)
Stoutenburgh, Paul Prosser — Washington (2801 Upton St.)
Wilkinson, Oscar Stevenson — Washington (4701 16th St. N. W.)

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1923

Armacost, William Carroll—Upperco, Md.
Baldwin, Rignal Woodward, Jr.—Savage, Md.
Bamberger, Bernard Jacob—Brooklyn, N. Y. (247 E. 3rd St.)
Barnhart, William Rupp — Stud. Union Theol. Sem. New York, N. Y. — [*Oct.* 2, 1923.]
Benedict, Howard Schwab—Balt. (2207 Eutaw Pl.)
Buchheister, Carl William—Grad. Student.
Buchner, Edward Franklin, Jr.—Med. Stud.
Collins, Oliver Dale, Jr.—Snow Hill, Md.
Cromwell, Michael Jenkins—Stud. Harvard Grad. Sch. of Bus. Admin. Cambridge, Mass.
Davidson, Henry Martin Perkins—Stud. Va. Theol. Sem. Alexandria, Va.
Davis, Daniel Lewis—Balt. (1322 Light St.)
Deavours, Jack—Laurel, Miss. (631 8th St.)—[*Oct.* 2, 1923.]
Doermann, Frederick William—Grad. Stud.
Eagle, Harry—Med. Student.
Eisenberg, Samuel S.—Balt. (955 N. Gay St.)
Evans, Charles Coleman Griffith—Stud. Harvard Univ.
Fenneman, Lawrence Brittingham — Grad. Student.
Finesinger, Jacob Ellis—Grad. Student.
Fink, Arthur Irvin—Med. Student.
Firor, Whitmer Bennett—Med. Student.
Gault, Herbert Kelcey—Balt. (3913 Liberty Hgts. Av.)
Goodridge, Ezra Read, Jr.—Balt. (1040 N. Calvert St.)
Hain, Jacob Luther—Fort Plain, N. Y.
Hardy, George Edward, Jr.—Balt. (518 Cathedral St.)
Hearn, Bernard Carter—Washington, D. C. (16th & D Sts.)
Heinlein, Christian Paul—Balt. (4415 Pimlico Rd.)
Hensel, Howard Baker—Colorado Fuel and Iron Co. Denver Colo.
Hewitt, John Frank—Balt. (812 N. Carey St.)
Hoerr, Normand Louis—Grad. Student.
Hoffmeister, William Simon—Grad. Student.
Hopkins, Howard Hanford—Med. Student.
Huey, Joseph Wistar ,Jr.—Ruxton, Md.
Huffard, James Hudson—Graham, Va.
Ives, Paul Lane—Balt. (321 Augusta Av.)
Johnson, Walter Brenaman—Med. Student.
Katzen, Abraham—Balt. (1263 E. Fayette St.)
Kelley, Louis Augustus—Lansdowne, Md.
Kirwin, Jesse Dallas—Balt. (1426 Harlem Av.)
Landy, Thomas Matthew—Balt. (911 N. Calvert St.)
Levy, Abraham Juda—Grad. Student.
Macaulay, Peter Stewart—Philadelphia, Pa. (2118 Bainbridge St.)
Manger, George Edward—Balt. (2113 W. Baltimore St.)
Manger, John Arthur—Balt. (2113 W. Baltimore, St.)
Max, Louis William—Balt. (2241 Eutaw Pl.)
Mears, Atherton H.—Grad. Student.
Merrick, William Nevius—Balt. (118 E. 25th St.)
Middleton, Samuel Atherton—Balt. (1012 Cathedral St.)
Miller, Meyer—Med. Student.
Moore, William Hanson, Jr.—Balt. (600 University Pkwy.)
Moran, Joseph Aloysius—Elizabeth, N. J.

Morrell, Foster—Washington, D. C. (4729 13th St.)

Müller, Justus Frederick—Balt. (1631 Ashland Av.)

Niemeyer, George Henry—Owings Mills, Md.

Rich, Benjamin Sunderland—Catonsville, Md.

Roberts, William Christian—Stud. Va. Theol. Sem. Alexandria, Va.

Rosen, Max—Balt. (542 W. Lafayette Av.)

Sherwood, John Roberts—Balt. (Park Hgts. Av. & Seven Mile La.)

Slaughter, John Dorsey—Denton, Md.

Smith, Wilbur Kenneth—Med. Student.

Snader, Earle Bish—Balt. (1806 N. Fulton Av.)

Stephan, Maurice Rene—Univ of North Carolina, Chapel Hill.

Stump, John Philip—Med. Student, Cornell Univ. Ithaca, N. Y.

Turner, Webster Thomas—Balt. (1544 N. Fulton Av.)

Vanneman, Donald Kerr.—Grad. Student.

Virdin, Joseph Dunn, Jr.—Balt. (1529 Bolton St.)

Wasserman, Walter—Med. Student.

West, Henry Downman—Brooklyn, N. Y. (956 Central Y. M. C. A.)

Wheeler, Wilbur Frank—Stud. Va. Theol. Sem. Alexandria, Va.

Wilbur, LeRoy Albert—Balt. (3221 Vickers Rd.)

Williams, Parker Cloyd—Balt. (Hopkins Apts.)

Wolcott, Oliver—East Longmeadow, Mass.,

Zoller, Joseph McLane, Jr.—Catonsville, Md.

Bachelor of Science in Engineering

1915

Gorsuch, James Stanley—S. B. Md. Agric. 1909—Engr. State Dept. Hlth.—(*Civil*)

Lednum, James Maynard—S. B. Md. Agric. 1912—Engr. Davison Chem. Co. Curtis Bay, Balt.—(*Civil and Mechanical*)

Wolman, Abel—A. B. 1913—Engr. State Dept. of Health, Balt.; Instr. School of Hygiene—(*Civil*)

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1916

Barron, David Howard—Balt. (2319 Mondawmin Av.)—(*Civil*)

Brumbaugh, Isaac Vernon—A. B. West. Md. 1913—Bureau of Standards, Washington—(*Civil*)

Cockey, James Powell—Camden, S. C.—(*Civil*)

Hutton, Ulric Orlando—Cutler-Hammer Co., Milwaukee, Wis.—(*Electrical*)

Iddings, Frederick T.—Law Student, Harvard. (999 Charles River Rd.)—(*Mechanical*)

Johnston, David Humphrey, Jr.—Balt. (704 N. Kenwood Av.)—(*Electrical*)

Reier, George Conrad—A. B. Washington (Md.) 1913—Amer. Tel. & Tel. Co. New York (195 Broadway)—(*Electrical*)

Tobias, Abraham—Balt. (408 Druid Hill Ave.)—(*Electrical*)

Webster, James Gwinn—Balt. (2798½ Alameda Ave.)—(*Electrical*)

Willis, Clodius Harris—S. B. Richmond 1914 Instr.. Univ. of Richmond—(*Electrical*)

Winslow, George Leiper — A. B. St. John's 1912; S. B. Haverford 1913—Philadelphia (1823 Wallace St.)—(*Civil*)

Woodward, Hiram Woods—Balt. (1307 John St.)—(*Mechanical*)

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1917

Baker, Henry Scott—Balt. (3004 N. Calvert St.)—(*Electrical*)

***Baxley, William Brown** — 2d Lieut. Engineers—(*Mechanical*)—**In France, Aug.* 1, 1918.

Black, Charles Warren—Balt. (1201 W. Mulberry St.)—(*Civil*)

Bryan, Guy Lee, Jr.—M. C. E. 1922—Instr. 1918-21; Associate—(*Civil*)

Cecil, William Downes — St. Louis, Mo. (Magnus Metal Co.)—(*Mechanical*)

Chesley, Charles Webster—Charleston, W. Va. (4 Hubbard Ct.)—(*Mechanical*)

Cohen, Hyman Abraham — Balt. (2462 Buchanan St.)—(*Electrical*)

Crist, Francis Murray—West Collingwood, N. J. (424 White Horse Rd.)—(*Civil*)

Darley, J. Wilmerton—Balt. (1518 N. Broadway)—(*Mechanical*)

Defandorf, John L.—Milwaukee, Wis. (Cutler-Hammer Co.)—(*Mechanical*)

Evitt, Raymond Wilson—Balt. (Ten Hills)—(*Mechanical*)

Hall, Elbridge Gerry—Balt. (335 Yale Av.)—(*Electrical*)

Howard, Stanley Lewis — Balt. (702 Euclid Av.)—(*Civil*)

Junkins, Albert Benton—Amer. Sugar Ref. Co. Balt. (1421 Light St.)—(*Electrical*)

Levin, Jacob—

Levin, Morris—Balt. (2024 Madison Ave.)—(*Mechanical*)

Meyerhoff, Louis—Perth Amboy, N. J. (101 State St.)—(*Electrical*)

Owings, Noble L.—Riverdale, Md. —(*Civil*)

Perkins, Edward Everett, Jr. — Instr. Univ. of Ill. Urbana, Ill.—(*Electrical*)

Reiner, Milton—Balt. (3907 Springdale Av.)—(*Electrical*)

Roop, John Daniel, Jr.—A. B. 1917—Linwood, Md.—(*Civil*)

Schaeffer, Carl Lawyer — A. B. West. Md. 1914—Prof. Physics, West. Md. Coll. Westminster—(*Civil*)

Silberstein, Eli—Balt. (2562 McCulloh St.)—(*Civil*)

Smith, Egbert Leroy—Jarrettsville, Md.—(*Civil*)

Straus, Henry Lobe—Instr. 1919-20—Balt. (10 E. Fayette St.)—(*Mechanical*)

Strobel, Peyton Brown—Balt. (607 Munsey Bldg.)—(*Mechanical*)

Stuart, Edward Merceron—Black & Decker Co. Towson, Md.—(*Mechanical*)

Thompson, Joseph Trueman — Assoc. Prof. Civil Eng.—(*Mechanical*)

Twigg, John Milton—Flintstone, Md.—(*Mechanical*)

Upperco, Jesse Myron—Balt. (531 N. Calhoun St.)—(*Mechanical*)

Wacker, Herman, Jr.—Balt. (C. & P. Tel. Co.)—(*Mechanical*)

Watson, John Stuart — Long Beach, Cal.—(*Mechanical*)

Webb, William David—Magnolia, Md.

Weeks, Walter Evans—Balt. (2101 Poplar Grove St.)—(*Mechanical*)

Winchester, Bertram Seager—Balt. (Pa. Water & Power Co.)—(*Electrical*)

Wood, Walter Alexander, Jr.—Balt. (105 E. 25th St.)—(*Civil*)

Young, Louis McComas—Boonsboro, Md.—(*Electrical*)

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1918

Bitter, Kenneth Oscar—F. X. Hooper Co. Glenarm, Md.—(*Mechanical*)

Canton, Eugene Jude—(1 Denmore Av.)—(*Mechanical*)

Cullom, Kenneth Stetson—Philadelphia (618 Widener Bldg.)—(*Mechanical*)

Downey, John Jones—Boston (201 Devonshire St.)—(*Civil*)

Ewald, Harry William—Gen. Elec. Co. Schenectady, N. Y,—(*Electrical*)

Fonaroff, Frank Israel—(1386 W. North Av.)—(*Mechanical*)

Harris, George Sylvester—United Gas Impt. Co. Norristown, Pa.—(*Electrical*)

Hopkins, Henry Hinkson—Los Angeles, Cal. (1565 Leighton Av.)—(*Civil*)

Jammer, Jacob Suter—Western Electric Co., New York (463 West St.)—(*Electrical*)

Kauffman, Erman Reed—Westinghouse Co., Philadelphia (828 S. 48th St.) — (*Mechanical*)

Konze, John Edwin — Owings Mills, Md. — (*Electrical*)

Lampe, John Harold—Instr. Elec. Eng.—Grad. Student—(*Electrical*)

O'Neill, George Devine—St. George, S. I., N. Y. (296 St. Mark's Place, L. I., N. Y.—(*Civil*)

Rosenthal, Jacob Stanley—Balt. (3411 Holmes Av.)—(*Civil*)

Weil, Joseph—Instr. Univ. of Florida, Gainesville—(*Electrical*)

Winslow, Oliver Parry—Balt. (1900 Mt. Royal Ter.)—(*Electrical*)

Wolfe, Alexander McWhorter—Balt. (1931 St. Paul St.)—(*Civil*)

Zeskind, Louis Morris—Manila, P. I. (c|o Director of Coast Surveys)—(*Civil*)

Extra Ordinem

The following members of the class of 1918 enlisted in the military service of the Government after completing three years' work:

Dempster, Ryland Newman—A. M. 1922—Registrar; Grad. Student—(*Mechanical*)

Kauffman, Jacob Franklin—Instr. High Sch. Juniata, Pa.—(*Mechanical*)

Martz, Roger Edwin — Boonsboro, Md. — (*Electrical*)

McCabe, Arthur Summerfield—

Stapleton, Edward Guy—Teacher, Balt. (2518 Maryland Av.)—(*Mechanical*)

Sullivan, Bernard Aloysius—(*Electrical*)

Van Hulsteyn, John Max Carey—Water Dept. Balt.—(*Civil*)

Young, John Walter—Ches. & Potomac Tel. Co. Wash. D. C. (Princess Anne, Md.)—(*Electrical*)

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Bachelor of Engineering

1919

Baxley, Charles Herbert—Balt. (2805 N. Charles St.)—(*Civil*)

Chisholm, Theodore Livings—Washington, (1755 Columbia Rd.)—(*Electrical*)

Cook, William Dodd — Balt. (2204 Chelsea Av.)—(*Mechanical*)

Dehler, Frank C.—Balt. (725 E. 22d St.)—(*Mechanical*)

DeMarco, John Lawrence—Balt. (414 S. Paca St.)—(*Mechanical*)

Doub, Cyrus L.—Chicago (6028 Stony Island Av.)—(*Electrical*)

Gottling, Philip Frederick—A. M. 1922—Ph. D. 1923—Balt. (824 Harlem Av.)—(*Electrical*)

Hancock, Milton Livingstone—Durham, N. C. (215 E. Main St.)—(*Mechanical*)

Keefer, Clarence E.—Balt. (1920 Bolton St.)—(*Civil*)

Rosenfeld, Benjamin—Balt. (5620 Wilkens Av.)—(*Mechanical*)

Schmidt, Carl Walter—Gen. Elec. Co. Balt.—(*Civil*)

Seebe, Adolf—New York, N. Y. (216 W. 102nd St. New York City)—(*Electrical*)

Sonneborn, David Bamberger—Balt. (2407 Brookfield Av.—(*Electrical*)

Startzman, Henry Hollingsworth—Balt. (3304 Alto Av.)—(*Electrical*)

Taylor, Arthur Walton—Balt. (2205 Barclay St.)—(*Civil*)

Truitt, Benjamin Thomas, Jr. — Snow Hill, Md.—(*Electrical*)

Vickers, James Kennedy, Jr.—Balt. (302 Woodlawn Rd. R. P.)—(*Civil*)

Zahn, Charles Thomas—Instr. Physics, Princeton)—(*Electrical*)

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1920

Andrae, Karl Henry—Balt. Tube Co. (6004 Bellona Av.)—(*Mechanical*)

Arthur, James Brayshaw — Acting Assoc. Prof. 1919-20 — (8 E. Mt. Royal Av.)—(*Electrical*)

Ault, Eugene Stanley—Instr. Cornell, Ithaca, N. Y. (508 Edgewood Place, Ithaca, N. Y.) (*Mechanical*)

Casey, Harry Joseph—Balt. (4200 Maine Av.)—(*Electrical*)

Collins, John Harding—Instr. Cornell Univ. Ithaca, N. Y.—(*Mechanical*)

Daugherty, Edgar Sterling—Instr. Cornell, Ithaca, N. Y.—(*Mechanical*)

Defandorf, Francis Marion—Garrett Pk. Md. —(*Electrical*)

Edel, Walter Lester—Balt. (14 Wendover Rd.)—(*Mechanical*)

Henck, Louie Wheeler—Gen. Elec. Co., Lynn, Mass. (Frederick. Md.)—(*Mechanical*)

Herring, Francis William — Balt. (1820 Mosher St.)—(*Civil*)

Hoffman, Robert Gilmor—New York (44 W. 44th St.)—(*Mechanical*)

Holland, Norman Norwood—New York (c|o G. Ramsay, Woolworth Tower)—(*Electrical*)

Johnston, Lloyd Edward—Amer. T. & T. Co. Balt. (5 Light St.)—(*Electrical*)

Kauffman, Lester S.—Denton, Md.—(*Civil*)

Klass, Louis Howard—Balt. (1315 E. Balt. St.)—(*Civil*)

Levin, Frank—Cons. G. & E. Co. Balt.—(2318 E. Fairmount St.)—(*Electrical*)

Littman, Lawrence—Balt. (2310 Edgemont St.)—(*Electrical*)

MacCubbin, Walter Aubrey—Balt. (1624 E. Preston St.)—(*Civil*)

Paige, Edmund Robert—Balt. (3204 Clifton Av.)—(*Mechanical*)

Phillipy, Lester Newton — Balt. (5217 York Rd.)—(*Civil*)

Shaw, Harry Breckenridge—Hyattsville, Md. —(*Civil*)

Smith, Louis Golden—Gas & Elec. Co. Balt. (2614 N. Calvert St.)—(*Electrical*)

Spartana, Anthony Russo—Instr. Vocational Sch. Balt.—(*Electrical*)

Stuart, Vernon Ellicott—Hutzler Bros. Balt. —(*Mechanical*)

Tignor, Paul Everett—Balt. (2632 N. Charles St.)—(*Civil*)

Torsch, Frederick Fairchild—Torsch Packing Co. Balt.—(*Mechanical*)

Townsend, Francis Howard, Jr. — Suburban Sanitary Com. Hyattsville, Md.—(*Civil*)

Weaver, Harry Edward — Bailey Meter Co. Cleveland (8609 Kenmore Av.)—(*Mechanical*

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1921

Arndt, Eric Muesse—Indianapolis, Ind. (3148 Ruckle St.)—(*Civil*)

Baker, Eli—Balt. (2910 Hilldale Av.)—(*Mechanical*)—[*February* 22, 1921.]

Ball, Wilmot Coles—Balt. (1146 Longwood St.)—(*Electrical*)

Benson, John Oregon—Halethorpe, Md.—(*Mechanical*)

Boyd, Charles Holmes — Med. Student — (*Civil*)

Chandler, Albert Norris—Frick Co., Waynesboro, Pa.—(*Mechanical*)

Chisholm, Charles Fillmore — Garrett Park, Md.—(*Electrical*)

Cohen, Maurice—Washington (1908 E St., N. W.)—(*Civil*)

Collier, Wilbur Harden—Balt. (208 N. Carey St.)—(*Electrical*)

Dixon, Allan Rhodes — Balt. (2309 Avalon Av.)—(*Electrical*)

Earle, Richard Tilghman—Westinghouse Co., E. Pittsburgh, Pa.—(*Electrical*)

Edelson, Leon—Balt. (3604 Springdale Av.) —(*Electrical*)

Finkelstein, Abraham—Balt. (305 N. Exeter St.—(*Civil*)

Goldring, Louis Nugent—(*Electrical*)

Hubbard, Thomas Foy — Balt. (1001 Riverside Av.)—(*Civil*)

Hurwitz, Abraham—Balt. (4742A Park Hts. Av.)—(*Electrical*)

Keen, George Washington—Consol. Gas Co. Balt.—(*Mechanical*)

Kesting, Theodore Edward—Balt. (2872 Harford Av.)—(*Civil*)

Nicholson, William K. — Western Elec. Co. New York—(*Mechanical*)

Pikoos, Abraham—Balt. (4721 Liberty Hts. Av.)—(*Civil*)

Rector, Nelson Hamilton—Internat. Hlth. Bd. Montgomery, Ala.

Reed, James Robinson—Balt. (29 W. North Av.)—(*Civil*)

Reins, William Edmunds—Balt. (1502 Park Av.)—(*Civil*)

Roskes, David Stanley—Balt. (2127 E. Pratt. St.)—(*Mechanical*)

Rupp, Walter—Balt. (1605 N. Bond St.)—(*Civil*)

Scheidt, Melvin Edgar—Balt. (4207 Liberty Hts. Av.)—(*Civil*)

Shamberger, Samuel Joseph—Denver, Colo. (101 W. 1st Av.)—(*Mechanical*)

Shapiro, Arthur—Balt. (910 Aisquith St.)—(*Electrical*)

Smith, Albert Van Deaver—Balt. (4011 Liberty Hts. Av.)—(*Electrical*)

Smith, Richard Bromwell—Montgomery, Ala. (*Civil*)—[*October* 4, 1921.]

Stansbury, Carroll—Milwaukee, Wis. (240 14th St.)—(*Mechanical*)

Taylor, Edmund Randolph, Jr.—Am. Tel. & Tel. Co. New York (195 Broadway)—(*Electrical*)

Teders, Victor Gerald—Balt. (2902 Winchester St.)—(*Electrical*)

Tipton, William Dolley — Balt. (1618 St. Paul St.)—(*Mechanical*)

Van Ness, Bartow, Jr.—Student, Mass. Inst. Tech. Cambridge—(*Electrical*)

Weil, Louis — Westinghouse Co., Essington, Pa.—(*Mechanical*)

Weisberg, Henry—Balt. (3819 Park Hts. Av.)—(*Civil*)

Wessells, Walter Byrd—Balt. (315 Dolphin St.)—(*Mechanical*)

Wood, Edmund Scott—Balt. (2436 Md. Av.) —(*Civil*)

(39)

1922

Baker, Morris Randall—Reisterstown, Md.—(*Elec.*)

Baughman, Leroy Bernard—Balt. (2110 N. Fulton Av.)—(*Elec.*)

Beall, Harold Cranston—Oklahoma (Box 451, Okemah, Okla.)—(*Civil*)

Benning, Victor Leopold—Mech. Engr. Westinghouse Co. Essington, Pa.—(*Mech.*)

Bernstein, Samuel—Balt. (29 N. Central Av.)—(*Elec.*)

Burnham, Alfred Huntington—Balt. (3300 Windsor Av.)—(*Elec.*)

Collins, William Bond—Trappe, Md.—(*Elec.*)

Fairbank, Charles William—Balt. (529 E. 20th St.)—(*Mech.*)

Freeman, Aaron—Balt. (1719 N. Monroe St.) —(*Elec.*)

Garvey, Joseph Michael—Balt. (413 S. Augusta Av.)—(*Elec.*)

Haile, Leroy Y. — Civil Eng. Towson, Md.—(*Civil*)

Hall, Robert Charles — Riderwood, Md. — (*Mech.*)

Henry, William Cullen—Stevensville, Md.—(*Mech.*)

Hess, Charles William — Balt. (5600 York Rd.)—(*Elec.*)

Kent, Jesse Hall—Balt. (4002 Brookline Av.) —(*Elec.*)

Knecht, Andrew Henry—Lauraville, Balt.—(*Civil*)

Kuder, Bernard—Balt. (2109 Brookfield Av.) —(*Elec.*)

Levin, Meyer David—Balt. (801 China St.) —(*Mech.*)

Liebermann, Morton William—Balt. (809 W. North Av.)—(*Civil*)

Mahle, Herbert John—Pittsburgh, Pa.—(*Elec.*)

McKubbin, Thomas King—Bartlett-Hayward Co. Balt.—(*Mech.*)—[*Oct.* 3, 1922.]

Milligan, Robert Fisher—Westinghouse Co. Philadelphia—(*Mech.*)

Muth, Robert Clementian — Gen. Elec. Co. Schenectady, N. Y. (5 Union St.)—(*Mech.*)

O'Dell, Edward Choate—Balt. (805 N. Carey St.)—(*Civil*)

Porter, John Francis—Cumberland, Md. (363½ N. Centre St.)—(*Elec.*)

Randall, William Alexander—Balt. (1127 St. Paul St.)—(*Mech.*)

Rosenfeld, Solomon Burnett—Carnegie Steel Co. Balt.—(*Elec.*)

Rowland, Davidge Harrison—Balt. (915 Cathedral St.)—(*Elec.*)

Rudel, Charles Joseph—Balt. (1732 E. Federal St.)—(*Elec.*)

Salter, Ernest Hires—West Lafayette, Ind. (114 Marstellar St.)—(*Elec.*)

Schuchts, David Edward — Balt. (1622 E. Biddle St.)—(*Elec.*)

Seymour, Murray Martin—Trappe, Md.—(*Elec.*)

Shank, James Sylvan—Balt. (889 W. Balt. St.)—(*Elec.*)

Smith, Bernard Roddy—Balt. (309 E. 22d St.)—(*Elec.*)

Sollers, Basil Ford—Balt. (1637 W. Lafayette Ave.)—(*Elec.*)

Spintman, Samuel—Balt. (2570 Mc-Culloh St.)—(*Mech.*)

Strott, John Fred—Balt. (1014 Druid Hill Av.)—(*Mech.*)

Thomas, David Dutrow, Jr.—Ten Hills, Balt. —(*Elec.*)

Turner, George Davison—Balt. (2209 St. Paul St.)—(*Mech.*)

Viessman, Warren—Balt. (2711 Tivoly Av.) —(*Elec.*)

Walden, Robert Rice—Raspeburg, Balt.—(*Mech.*)

Weikel, William Stewart—Gen. Elec. Co. Schenectady, N. Y. (41 Wendell Av.)—(*Elec.*)

Wells, Ralph Norris—Gen. Elec. Co. Philadelphia—(*Elec.*)

Williams, Albert Boerner—Hutzler Bros. Balt. —(*Mech.*)

Wood, Richard Minot—Balt. (2429 Keyworth Av.)—(*Civil*)—[*Dec.* 4, 1922.]

Zeskind, Isidore Morris—Balt. (1616 E. Oliver St.)—(*Civil*)

(47)

1923

Albaugh, Arthur W.—(2001 N. Smallwood St.)

Alderson, William Thomas—General Elec. Co. Schenectady N. Y.

Berry, Thomas Lansdale, Jr.—Balt. (322 Hawthorne Rd.)

Breslau, Harold—Balt. (Rogers and Hamlin Avs.)

Brumble, Frederick Eugene—Balt. (319 E. 30th St.)

Cole, Francis Gandy—Balt. (4401 Walnut Av.)

Cooke, Gerald Wistar—General Elec. Co., Schenectady, N. Y.

Crout, Marvin Marriott—York Manufacturing Co. York, Pa.

Cummings, Carl Elmore—Texas Company, New York, N. Y.

Dannettel, Raymond Charles—Balt. (1006 Scott St.)

Davis, Henry Flory—Pikesville, Md.

Dietrich, Adam Austin—Balt. (2926 Harford Av.)

Egner, Milton David Michael—General Elec. Co. Schenectady, N. Y.

Fallon, Glover Patterson—Balt. (6 Elmhurst Av.)
Ghent, Pierre Mowell—Cockeysville, Md.
Harwetel, William Lewis—Transit Commission, New York, N. Y.
Hauf, Joseph Charles, Jr.—Balt. (1306 William St.)
Hensen, Carvel—Grad. Student.
Hildebrandt, John Lawrence—Catonsville, Md.
Hill, George Joseph—Washington, D. C. (3919 8th St. N. W.)
Holsopple, Herman Lehman—Grad. Student.
Jackson, Edward Wilmer, Jr.—Aikin, Md.
Kinnamon, Lester Bryan,—General Elec. Co., Schenectady, N. Y.
Lalor, Morgan Davenport—Catonsville, Md.
Leonard, James Henry—Bell Telephone Co., Washington, D. C.
Maccubbin, Howard Albert—Balt. (2705 Alameda Av.)
Mathews, LeRoy Frederick—Balt. (420 N. Hilton St.)
Muessen, Anton Sylvester—Western Elec. Co., Chicago, Ill.
Murphy, John Newton—Bailey Meter Co., Cleveland, O.
Oglebay, William Joseph—Cumberland, Md.
Passano, William Moore—Towson, Md.
Ruoff, George Marvin—Balt. (102 Newburg Av.)
Schaefer, Edward John—Balt. (1008 E. Hoffman St.)
Seitz, Harold McDonald—Westminster, Md.
Senner, Arthur Henry—Instr. Penn. State College, Pa.
Shriver, George Van Bibber—Worthington Pump and Machinery Co. Carteret, N. J.
Somerville, Walter Henry—Bel Air, Md.
Speer, Carl John, Jr.—Transit Commission, New York, N. Y.
Taylor, Richard Robb—Balt. (Gilman Apts.) Near East Relief.
Taylor, William Preston—Stockton, Md.
Tipton, Alfred Lee—Balt. (Y. M. C. A.)
Tucker, William Bennett—Allis Chalmers Mfg. Co. Milwaukee, Wis.
Vogel, Henry Holmes—American Telephone & Telegraph Co. Washington, D. C.
Warfield, Calvin Norwood—Grad. Student.
Wherley, Charles Oscar—Washington Suburban Sanitary Dist. Hyattsville, Md.
Wills, Jamse Washington—Bel Alton, Md.
Zeiditch, Morris—Balt. (425 S. Pulaski St.)

Bachelor of Science in Chemistry

1920

Applestein, Frank — Balt. (10 S. Patterson Pk. Av.)
Berlin, Max—Texas, Md.
Berry, Thomas Morris—A. M. 1922; Ph. D. 1923—Standard Oil Co., Brooklyn, N. Y.
Bloomsburg, Harry Eugene—Student, Columbia Univ. (309 Furnald Hall)
Engelman, Benjamin — Balt. (2023 Madison Av.)
Folkoff, Joseph Paul — Balt. (2305 Madison Av.)
MacFarlane, Charles Edward—Pittsburgh (330 S. Negley Av.)
Orne, Stephen William, Jr.—Elyria, O. (248 Sixth St.) (8)

1921

Biemiller, Lawrence Elwood—Balt. (Gas & Elec. Co. (Spring Garden Sta.)
Birkmeyer, John Frederick—Balt. (1920 W. Balt. St.)
Call, Lewis Wellington, Jr.—Garrett Pk. Md.
Chenoweth, George LeRoy — Chemist, Balt. (Belmont and Highland Rds.)
Jones, John Melbourne—Towson, Md.
Miller, Leo Daniel Biser—Boonsboro, Md.
Mullikin, Kent Roberts—Collington, Md.
Rosenthal, David Theodore — Balt. (434 S. Pulaski St.)
Shaw, Edwin Herbert, Jr.—Grad. Student.
Strasburger, Leroy Victor—Balt. (632 Linwood Av. R. P.)
Suwall, Felix Stephen John—Balt. (3939 Edmondson Av.)
Wilhelm, James Roland—Glencoe, Md. (12)

1922

Bryant, Charles Byrn—Washington (717 Taylor St. N. W.)
Cabe, Melvin Roy—Balt. (4107 Kate Av.)
Downey, Frank Jones, Jr.—Sandy Spring, Md.
Edwards, Warrick Rigeley, Jr.—Balt. (2133 Bolton St.)
Fontz, Robert—Mitchellville, Md.
Gerber, Karl—Balt. (2327 Mondawmin Av.)
Hambleton, Richard Waldo—Grad. Student.
Harden, Wilton Cope—Catonsville, Md. (9 Melvin Av.)
Lemmon, Norman Edward—Standard Oil Co. Whiting, Ind.
McComas, James Anderson — Balt. (4109 Springdale Av.)
Naviasky, Joseph Abraham—Balt. (1508 Pa. Av.)
Silesky, A. Hamilton—Balt. (1640 Ruskin Av.)
Thompson, Joseph Camillus, Jr.—Grad. Student.
Whittington, Robert J. R.—Balt. (608 Homestead St.) (14)

1923 (February 22)

Davis, Charles Clifford — Chemist, Davison Chem. Co. Balt. (1)

1923

Aldrich, Willard Walker—Grad. Student. Univ. of Maryland, College Park, Md.

Bachman, Paul William—Philadelphia, Pa.

Bolton, Andrew Lyle—Balt. (2120 Mt. Royal Ter.)

Buhrer, Paul Merle—Washington, D. C. (5612 14th St. N. W.)

Ginsburg, Louis Morton—Balt. (237 N. Gay St.)

Grace, Howard Wilfred—National Lead Co., Phila. Pa.

Heyman, Philip Israel—Timonium, Md.

Joesting, Henry Rochambeau—Balt. (518 Chestnut Hill Av.)

Rich, Frederick Jaspersen—Grad. Student.

Wilen, Frank—Balt. (2536 McCulloh St.)

Bachelor of Science

1916

Dallam, Mary Theresa—A. M. 1918—Instr. Western High Sch. Balt. (1318 Bolton St.)

Johnson, Mary Stella—Foyer de l'Etudiante, Grenoble, France—[*October* 3]

Selfriz, William Ernest (F)—Bruce Fellow 1918-19, Ph. D. 1920—Seessel Fellow, Yale Univ.—(*Extra ordinem*)

Stephens, Martha Blades — Teacher, Balt. (2223 Callow Av.)

(4)

1917

Buchholz, Agnes Emilie—Instr. Eastern High Sch. Balt. (Beechwood & Summit Avs. Catonsville. Md.)

Eutsler, Keener Wilson—Princ. High School, Pocomoke City—[*October* 2]

Schad, Harry—A. M. 1922—Instr. Balt. City Coll.—[*October* 2]

Wirth, Elsie Louise — Teacher, Balt. (3413 Guilford Terr.)

(4)

1918

Brown, Meyer — LL. B. Univ. of Md. 1922 — Balt. (128 N. Exeter St.)

Gordon, J. Raymond—Charlestown, W. Va.

Grape, Jacob—A. M. 1920—Balt. (323 E. 22d St.)

Hutton, Philena M. — Teacher, Kingsville, Md.

Krieger, Joseph Louis—Teacher, Balt. (3808 Woodland Av.)

Thomas, Catherine Bowie Clagett — Balt. (2739 N. Calvert St.)

(6)

1919

Ditty, Augusta Fredericka — Instr. Western High School, Balt.—(220 W. Lanvale St.) —[*October* 7]

Gallagher, Grace A. — New York (1066 St. Nicholas Av.)

Grote, Caroline Elsie—Teacher, Balt. (3202 Vickers Rd.)

Mann, Natha Annette—Teacher, Balt. (2647 N. Calvert St.)

Owens, Glenn Worthington—Head, Dept. of English, Balt. City Coll.

(5)

1920

Adams, Hattie Josephine — Teacher, Balt. (524 Rossiter Av.)

Albert, Anna Christina—Teacher, Balt. (112 S. Ellwood Av.)—[*October* 5]

Arjona, Carlos J. Vasquez—A. M. 1923—Instr. U. S. Naval Acad. Annapolis.

Bills, Charles Everett—Acting Prof. Univ. of Alberta 1921-22—Grad. Student.

Boehm, Margaret Donaldson—Grad. Student.

Boone, Rhoda Linstid Revell—Instr. Rand.-Macon Inst. Danville, Va.

Epstein, Alfred—Student, Cornell Univ. Med. Sch. N. Y. (3100 Bdway.)—[*February* 23]

Flowers, William Richardson—A. M. 1923—Asst. Supt. of Schools, Balt.; Grad. Stud.

Forney, Lewis Smyser—Teacher, Balt. (3816 Dalrymple Av.)

Goddard, Gladys A.—Balt. (13 E. Read St.)

Marr, Ernest Gotthart — M. D. Balt. Med. Coll. 1913—Physician, Balt. (35 Wickford Rd.)

Meushaw, Annie Catherine — Teacher, Balt. (812 Winston Av.)

Schamberger, Lucille Louise—Teacher, Balt. (3726 Greenmount Av.)—[*October* 5]

Wright, Eleanor — Teacher, Balt. (2643 N. Calvert St.)

(14)

1921

Brinsfield, Araminta — (Mrs. George Rullman)—Annapolis, Md.

Bennett, Bessie Burns—Instr. Mod. Lang. Davis-Elkins Coll. Elkins, W. Va.

Coe, Margaret Fulton—Teacher, Balt. Sta. E.)

Coe, Mary Caroline — Teacher, Balt. (Sta. E.)

Corrigan, Margaret Mary — Teacher, Balt. (434 E. 22d St.)

Gilman, Elisabeth—Balt. (513 Park Av.)

Healy, Katharine Loretto—Teacher, Balt. (3709 North Rd.)

Hille, Mary Jane—Grad. Student.

Kramer, Grace Amanda — Grad. Student; Teacher, Balt. (319 E. 25th St.)

Linthicum, Marguerite Elmore—Asst. Educ. West. Md. Coll. Westminster, Md.; Grad. Student—[*October* 4, 1921.]

Roberts, Martin Arnold—Asst. Libr. of Congress, Washington—[*October* 4, 1921.]

Valentine, Katherine Theresa—Teacher, Balt. (216 Myrtle Av.)

Weidenhammer, Marie Antoinette — Teacher Balt. (213 S. Calhoun St.)

Yeaworth, Eleanor Frances Frieda—University of Berlin, Germany.

(14)

1922

Buchner, H. Louise C.—(Mrs. E. F. Buchner—Balt. (2120 Callow Av.)

Cooper, Ethel—Grad. Student; Teacher, Balt. (910 St. Paul St.)

Dellone, Augusta—Grad. Student; Teacher, Balt. (2315 N. Charles St.)

Dallam, Octavia Amelia—Grad. Student; Teacher, Balt. (1318 Bolton St.)—[*Oct.* 3, 1922.]

Diehl, Vivian Barrett (Mrs. Frank Diehl)—Balt. (2737 Maryland Av.)—[*Oct.* 3, 1922.]

Dixon, Edna Leola—Grad. Student; Teacher, Balt. (2206 Elsinor Av.)

Grim, George Gregory—Teacher, Balt. (2320 Reisterstown Rd.)

Howard, Mary Cushing (Mrs. Henry E. Niles)—New York City (606 W. 115th St.)

Kratz, Margaret Theresa—Teacher, Balt. (744 W. North Av.)

Le Schack, Abraham—Teacher, Balt. (1901 Linden Av.)—[*Oct.* 3, 1922]

Mason, Zoe Margaret—Merchantville, N. J. (221 Merchantville Terr.)

Rede, Kenneth—Teacher, Mt. Vernon Coll. Inst. Balt. (4 Norwood Pl.)

Roche, Sarah Lucy—Grad. Student; Teacher, Balt. (1815 E. Lombard St.)

Schmehl, Carl Edward William—Teacher, Balt. (1813 Baker St.)

Sherwood, Georgia Day—Balt. (2131 N. Calvert St.)

Snyder, Agnes—Grad. Student; Instr. Women's Coll. Univ. of Del. Newark. Peabody Scholar 1923-24.

Taylor, John Carey, Jr.—Grad. Student; Teacher, Balt. (1245 N. Broadway)—[*Feb.* 22, 1922.]

Yost, Henry Thomas—Teacher, Balt. (2820 Clifton Av.) (18)

1923 (February 22)

Bunworth, Mary—Teacher, Balt. (616 Park Av.)

Hodes, Charles Edward—Teacher, Balt. (725 E. 21st St.) (2)

1923

Bamberger, John Turner—Grad. Student.

Bassett, Sarah Janet—Balt. (3218 Fait Av.)

Caldwell, Hugh Wright—Chesapeake City, Md.

Flowers, Ida Virginia—Grad. Student.

Heaphy, Marie Virginia—Balt. (1718 St. Paul St.)

Hoke, Margaret Rhodes—Balt. (1611 Park Av.)

Linthicum, Louise White—Annapolis (6 State Circle.)

Linthicum, Marie Lucille—Grad. Student.

Maginnis, Hamline Baker—Balt. 700 E. 21st St.)

Mann, Frances Josephine—Balt. (2647 N. Calvert St.)

Miller, Alice Etta—Port Deposit, Md.

Parker, Grace Dudrea—Grad. Student.

Shaffer, Virginia Mae—Grad. Student.

White, Annabel Lee—Grad. Student.

White, Elisabeth Genevieve—Grad. Student.

Wills, Mary Marjorie—Balt. (1012 W. Lanvale St.)

Woolford, Eva Myrtle—Balt. (2122 E. Lombard St.)

Yeaworth, Ursula R. S.—Grad. Student.

Bachelor of Science in Hygiene

1920

Barrett, Edith Margaret Jane (Mrs. Wm. C. Hamilton) — Bacteriologist, Henry Ford Hosp. Detroit.

1921

Cox, Charles Raymond—Chief Chemist and Bacteriologist, Bureau of Water, Reading, Pa.

Goodwin, Winifred Anderson—A. B. Mich. 1914—Grosse Ile, Mich.

Koch, Marie Louise (Mrs. C. E. McGuigan)—2524 Maryland Av., Balto.

Shelling, David Henry—Med. Student, Yale. New Haven. (4)

1922

France, Margaret Von Torney (Mrs. E. J. Caulfield)—A. B. Bryn Mawr 1919—31 Ower St., New Haven, Conn.

Frobisher, Martin, Jr.—Asst. Bacteriologist, Md. State Dept. of Health, Balt.

Smith, Olive Cushing—Med. Student, Johns Hopkins.

Snyder, Jean Chiron (Mrs. W. G. Nichols)—A. B. Wellesley 1918—Elmhurst, N. Y. (4)

Certificate in Public Health

1920

Anderson, Charles Magee—M. D. C. M. McGill 1916—Director Division of Laboratories, Ontario Provincial Board of Health, Toronto, Can.

Atwater, Reginald Myers—A. B. Colorado 1914; M. D. Harvard 1918 — Assoc. Prof. Preventive Medicine and Hygiene, Hunan-Yale Med. Sch. Changsha, China.

Bernard, Zdenek—M. D. Prague 1914—Health

Officer of Political District Moravska Ostrava, Czechoslovakia.

Cornelius, James Thambidurai—A. M. and M. D. Cincinnati 1919—Asst. Prof. Hygiene, Provincial Hygiene Inst. Lucknow, India.

Driml, Karel—M. D. Prague 1914—Chief Division Public Health Education, Prague, Czechoslovakia. (5)

1921

Abriol, Rufino—M. D. Illinois 1913; D. T. M. Univ. of Philippines 1916—U. S. Quarantine Officer, Manila; Instr. Statis. and Epidemiol. Univ. of Philippines.

Grant, John Black—A. B. Acadia 1912; M. D. Mich. 1917—Field Staff, Internat. Hlth. Bd.; Assoc. Prof. Hygiene and Public Health, Peking Union Med. Coll. China.

Leach, Charles Nelson—A. B. Stanford 1909, M. D. 1913—State Director, Internat. Hlth. Bd. Rockefeller Foundation, New York, (61 Broadway).

Newman, Gladys (Mrs. A. P. Ludwig)—A. B. Oberlin 1917—1106 Bush St., San Francisco, Cal.

Pedley, Frank Gordon—A. B. McGill 1913, M D. C. M. 1916—Asst. Industrial Phys. Cheney Bros., S. Manchester, Ct.

Rivas-Vides, Ricardo—S. B. El Salvador Inst. 1906; M. D. El Salvador Univ. 1916—Head of Dept. Ophthalmology, Hospital Rosales; Head, 2d Section, Natioanl Board of Hlth. San Salvador. (6)

1922

Goodison, William Lockwood Thornton—M. D. Jefferson Med. 1909—Larimore, N. Dak.

Guerrero, Jose—B. Sc. e Lett. Nat. Inst. of Occidente 1912; M. D. Michigan 1919—Senior Resident Phys. Highland Park Gen. Hospital, Mich.

Knipmeyer, William Warren—A. B. Missouri 1917; M. D. Washington 1919—Director, Parish Health Unit, Natchitoches, La.

LeBlanc, Thomas John—A. B. Michigan 1917 and M. S. P. H. 1920—Student, J. H. U.

Slanina, Otakar—M. D. Vienna 1909—State Health Officer, Holesov, Moravia, Czechoslovakia.

Wroozynski, Czeslaw—M. D. Saratow 1915—Director, School of Hygiene, Warsaw, Poland. (6)

1923

Bermudez, Salvador—M. D. Mexico Natl. Univ. 1921; 2a. Diaz Covarrubias 19, Mexico City.

Bishop, Eugene Lindsay—M. D. Vanderbilt 1914; Asst. Comm. Tennessee State Dept. Public Health, Nashville.

Cannon, Douglas Launeese—S. B. Clemson 1913; M. D. Jefferson Med. 1919; Director, Bureau of County Organization, Alabama State Board of Health, Montgomery.

Covington, Platt Walker—M. D. Univ. of Md. 1908; Senior State Director, Inter. Health Board, Rockefeller Foundation, New York. (61 Broadway)

Doering, Carl Rupp—A. B. Texas Christian Univ. 1921; M. D. Baylor Med. 1921; Student, J. H. U.

Castro, Fernando de Freitas e—Grad. of Med. School of Porto Alegre 1916. Rua Conceição 39, Porto Alegre, Brazil.

Fragoso, Jorge Dutra—M. D. Univ. of Rio Janeiro 1912. Brigadeiro Tobias 45, São Paulo, Brazil.

Guerner, Nuno—M. D. Med. School of Rio Janeiro 1913.

Haygood, Marvin Fletcher—M. D. Emory Univ. 1915; General Agent, National Life of the U. S. A., Atlanta, Ga.

Hernando-Barona, Eugenio—A. B. Institute of Burgos, Spain 1892; M. D. St. Tomas Univ., Philippine Islands 1908; Chief Division Metropolitan Sanitation, Philippine Health Service, Manila.

Hu, Hou-Ki—M. D. Gov. Medical, Peking 1916; Student, J. H. U.

Lara, Hilario—M. D. Univ. of Philippines, 1919; Senior Surg., Philippine Health Service; Student J. H. U.

Oliveira, Waldemiro de—Grad. Med. School of Rio Janeiro 1915;

Soper, Fred. Lowe—A. B. Univ. of Kansas, 1914 and S. M. 1916; M. D. Rush Med. 1918; State Director, International Health Board, Rockefeller Foundation, New York. (61 Broadway)

Reinhard, Ferdinand Oscar—A. B. Johns Hopkins 1908, and M. D. 1914.—District State Health Officer, N. Y. State Dept. Hlth. Albany.

Sweeney, James Shirley—A B. and A. M. Texas Christian Univ. 1917 and 1918; M. D. Vanderbilt 1921; Bureau of Vital Statistics, Louisiana State Board of Health, New Orleans.

Tisdale, Alfred Dent—S. B. Univ. of Mississippi 1918; M. D. Tulane Univ. 1920; County Health Officer, Laurel, Miss.

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