


Conferring of Degrees



AT THE CLOSE OF THE 107th ACADEMIC YEAR

The Johns Hopkins University

May 27, 1983



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ORDER OF PROCESSION

MARSHALS

ARTHUR DOAK BARNETT
ARTHUR BUSHEL
RUSS B. COROTIS
MILTON CUMMINGS, JR.
FREDERIC DAVIDSON
SIDNEY S. FORREST
RICHARD L. HIGGINS

ROGER A. HORN
WILLIAM H. HUGGINS
WARNER E. LOVE
MARGARET M. MURPHY
LEE JOYCE RICHMOND
HENRY M. SEIDEL
CHARLES R. WESTGATE

THE GRADUATES

*

MARSHALS

RICHARD E. FLATHMAN
JAMES C. WALKER

THE DEANS

MEMBERS OF THE SOCIETY OF SCHOLARS

OFFICERS OF THE UNIVERSITY

THE TRUSTEES

*

MARSHALS

HANS GOEDICKE
GEORGE W. FISHER

THE FACULTIES

*

CHIEF MARSHAL

M. GORDON WOLMAN

THE CHAPLAINS

THE HONORARY DEGREE CANDIDATES

THE PROVOST OF THE UNIVERSITY

THE CHAIRMAN OF THE BOARD OF TRUSTEES

THE PRESIDENT OF THE UNIVERSITY

*

ORDER OF EVENTS

STEVEN MULLER

President of the University, presiding

* * *

PRELUDE

*

PROCESSIONALS

*The audience is requested to stand as the Academic Procession
moves into the area and to remain standing after
the Invocation.*

*Marches from Belshazzar, Floridante, Ezio,
Saint Cecilia's Day, Rinaldo and Scipione*

GEORG FREDERICH HÄNDEL

(1685-1759)

THE PRESIDENT'S PROCESSION

Fanfare

WALTER PISTON (1894-1976)

March from Judas Maccabaeus

GEORG FREDERICH HÄNDEL

(1685-1759)

*

INVOCATION

CLYDE R. SHALLENBERGER

*Director, Chaplaincy Service
Johns Hopkins Medical Institutions*

*

THE NATIONAL ANTHEM

*

GREETINGS

ROBERT D. H. HARVEY

Chairman of the Board of Trustees

*

PRESENTATION OF NEW MEMBERS OF THE SOCIETY OF SCHOLARS

MORDHAY AVRON	RICHARD B. HORNICK
ROSS J. BALDESSARINI	JULIUS R. KREVANS
SHAO-CHIUNG CHENG	DWIGHT C. McGOON
MALCOLM ANDREW FERGUSON-SMITH	DAVID L. MILLER
JOSEPH J. FERRETTI	DAVID E. ROGERS
CARLOS LUIS GONZALEZ	HIROYUKI SUGA

PIERO VILLAGGIO

SCHOLARS PRESENTED BY RICHARD LONGAKER

*

THE FESTIVAL BRASS

ELLERY B. WOODWORTH, conductor

*

CONFERRING OF HONORARY DEGREES

JOHN KING FAIRBANK

JOSEPH MEYERHOFF

HARRY WOOLF

PRESENTED BY RICHARD LONGAKER

*

ADDRESS

HARRY WOOLF

Director, The Institute for Advanced Study

*

CONFERRING OF DEGREES ON CANDIDATES

BACHELORS OF ARTS

Presented by

SIGMUND R. SUSKIND

Dean, School of Arts and Sciences

* * *

BACHELORS OF ENGINEERING SCIENCE

BACHELORS OF ARTS

Presented by

V. DAVID VANDELINDE

Dean, G. W. C. Whiting School of Engineering

* * *

CONFERRING OF DEGREES ON CANDIDATES

continued

BACHELORS OF MUSIC

Presented by

ROBERT O. PIERCE

Dean, Peabody Conservatory of Music

* * *

ASSOCIATES OF ARTS

ASSOCIATES OF SCIENCE

BACHELORS OF SCIENCE

BACHELORS OF SCIENCE IN ENGINEERING

Presented by

STANLEY C. GABOR

Dean, Evening College

* * *

MASTERS OF SCIENCE

MASTERS OF EDUCATION

MASTERS OF LIBERAL ARTS

MASTERS OF ADMINISTRATIVE SCIENCE

CERTIFICATES OF ADVANCED STUDY

Presented by

STANLEY C. GABOR

Dean, Evening College

* * *

MASTERS OF MUSIC

ARTISTS DIPLOMAS

Presented by

ROBERT O. PIERCE

Dean, Peabody Conservatory of Music

* * *

CONFERRING OF DEGREES ON CANDIDATES
continued

MASTERS OF SCIENCE
MASTERS OF HEALTH SCIENCE
MASTERS OF PUBLIC HEALTH

Presented by
DONALD A. HENDERSON
Dean, School of Hygiene and Public Health

* * *

MASTERS OF INTERNATIONAL PUBLIC POLICY
MASTERS OF ARTS IN INTERNATIONAL AFFAIRS
MASTERS OF ARTS

Presented by
GEORGE R. PACKARD
Dean, School of Advanced International Studies

* * *

MASTERS OF SCIENCE IN CLINICAL ENGINEERING
MASTERS OF ARTS

Presented by
RICHARD S. ROSS
Dean, School of Medicine

* * *

MASTERS OF SCIENCE IN ENGINEERING
MASTERS OF ARTS

Presented by
V. DAVID VANDELINDE
Dean, G. W. C. Whiting School of Engineering

* * *

MASTERS OF ARTS

Presented by
SIGMUND R. SUSKIND
Dean, School of Arts and Sciences

* * *

CONFERRING OF DEGREES ON CANDIDATES

continued

DOCTORS OF EDUCATION

Presented by

STANLEY C. GABOR

Dean, Evening College

* * *

DOCTORS OF MUSICAL ARTS

Presented by

ROBERT O. PIERCE

Dean, Peabody Conservatory of Music

* * *

DOCTORS OF SCIENCE
DOCTORS OF PUBLIC HEALTH
DOCTORS OF PHILOSOPHY

Presented by

DONALD A. HENDERSON

Dean, School of Hygiene and Public Health

* * *

DOCTORS OF PHILOSOPHY

Presented by

GEORGE R. PACKARD

Dean, School of Advanced International Studies

* * *

DOCTORS OF MEDICINE
DOCTORS OF PHILOSOPHY

Presented by

RICHARD S. ROSS

Dean, School of Medicine

* * *

CONFERRING OF DEGREES ON CANDIDATES

continued

DOCTORS OF PHILOSOPHY

Presented by

V. DAVID VANDELINDE

Dean, G. W. C. Whiting School of Engineering

* * *

DOCTORS OF PHILOSOPHY

Presented by

SIGMUND R. SUSKIND

Dean, School of Arts and Sciences

* * *

STATEMENT TO THE GRADUATES

STEVEN MULLER

President of the University

*

BENEDICTION

CHESTER L. WICKWIRE

Chaplain, The Johns Hopkins University

*

RECESSIONALS

Trumpet Tune

HENRY PURCELL
(1659-1695)

Rondeau-Fanfare

JEAN JOSEPH MOURET
(1682-1738)

*The audience is requested to remain standing after the
Benediction until the members of the faculties and
graduates have left the area.*

JOHNS HOPKINS SOCIETY OF SCHOLARS

The Johns Hopkins Society of Scholars was created on the recommendation of former President Milton S. Eisenhower and approved by action of the University Board of Trustees on May 1, 1967. The Society—the first of its kind in the nation—inducts former postdoctoral fellows at Johns Hopkins who have gained marked distinction in their fields of physical, biological, medical, social or engineering sciences, or the humanities, and for whom at least five years have elapsed since their postdoctoral work. The Committee of the Johns Hopkins Society of Scholars, whose members are equally distributed among the academic divisions, elects the Scholars from the candidates nominated by the academic divisions having programs for postdoctoral fellows. Each division has the privilege of nominating up to three candidates for each election year. The Scholars are invested during the Commencement ceremony, the Commemoration Day ceremony, or on some similar occasion and are presented with a diploma and a medallion with black and gold ribbon to be worn around the neck with their academic costumes.

Today we honor 13 new members who have been elected this year to the Johns Hopkins Society of Scholars:

Dr. Mordhay Avron, acting president of the Weizmann Institute of Science in Rehovot, Israel, has contributed extensively to the study of photosynthesis, especially in identifying the coupling between photoinduced electron transport and the synthesis of ATP, the universal energy currency of living systems. His leadership in the field of photosynthesis has been recognized by appointments to influential positions at international conferences. A graduate of the University of California at Los Angeles, Dr. Avron was a postdoctoral fellow in the McCollum-Pratt Institute during 1955-56 with Dr. André T. Jagendorf. He joined the Weizmann Institute of Science in 1958, and has been its acting president since 1978.

Dr. Ross J. Baldessarini, associate director of the Mailman Laboratories of Psychiatric Research at the Harvard University School of Medicine, is recognized internationally for his work in psychopharmacology. He has played an important role in integrating basic neurochemical and neuropharmacologic research into clinical psychiatry. His invited reviews in leading medical journals and his book on clinical psychopharmacology have established him as a world leader in the field. A graduate of the Johns Hopkins School of Medicine, Dr. Baldessarini was a postdoctoral fellow in the Department of Behavioral Sciences, during 1966-69, working with Dr. Joel Elkes. In 1968-69 he was chief resident in psychiatry at the Johns Hopkins Hospital. He joined the faculty of the Harvard University School of Medicine in 1969, becoming professor of psychiatry in 1978.

Dr. Shao-Chiung Cheng, vice president emeritus of the Chinese Academy of Agriculture Sciences, People's Republic of China, for more than fifty years has contributed to the control of disease in animals in China. After early work on diagnostic antigens, he turned to the development and evaluation of vaccines to control rinderpest, a dreaded disease of cattle in many parts of the world. By 1957, this disease, which had been responsible for killing millions of animals yearly in China, had been totally eradicated and has not reappeared. A graduate of the Iowa State College of Agriculture and Mechanical Arts, Dr. Cheng was a postdoctoral fellow in the Department of Immunology during 1927-30 working with Dr. G. Howard Bailey. He received his Doctor of Science degree in 1930 from the Johns Hopkins School of Hygiene and Public Health. During his long and distinguished career in his native China, he has held numerous educational, administrative, and political positions in the fields of veterinary medicine and agriculture.

Dr. Malcolm Andrew Ferguson-Smith, director of the Duncan Guthrie Institute of Medical Genetics in Glasgow, Scotland, has dedicated his research efforts to the field of cytogenetics. His work was instrumental in clarifying the clinical and cytogenetic features of Klinefelter syndrome, and he was among the first investigators to successfully use deletion mapping of human chromosomes. A graduate of the University of Glasgow, he was a postdoctoral fellow in the Department of Medicine during 1959-61, working with Dr. Victor McKusick. He became a lecturer in medical genetics at the University of Glasgow in 1961, a senior lecturer in 1965, and professor in 1973. He assumed his present position in 1981.

Dr. Joseph J. Ferretti, professor and chairman of the Department of Microbiology and Immunology at the University of Oklahoma Health Science Center, is a world leader in the genetic analysis of pathogenic streptococci. He has also contributed to the assay of toxins and the genetic basis for toxin formation by the bacteria. His work on the basic mechanism responsible for antibiotic resistance in streptococci has special clinical value. A graduate of Northwestern University and the University of Minnesota, Dr. Ferretti was a postdoctoral fellow in the Department of Biology during 1967-69, working with Dr. Philip E. Hartman. He joined the University of Oklahoma Health Sciences Center in 1969, and was appointed to his present position in 1977.

Dr. Carlos Luis González, advisor emeritus of the Ministry of Health and Social Welfare and professor of social and preventive medicine, Universidad de Los Andes, Mérida, Venezuela, has had a distinguished career in various areas of public health, ranging from parasitology and bacteriology to epidemiology. His studies of the comparative mortality experience of populations in North and South America represented a major contribution to the understanding of problems of health and disease in the Americas. His many contributions to public health are exemplified by his extensive work with the World Health Organization and the Pan American Health Organization. Dr. González, who received his medical degree from the Universidad Central de Venezuela, did postdoctoral work in 1946-48 with Dr. Alexander Langmuir in the Department of Epidemiology. He received his master's and doctoral degrees in public health from Johns Hopkins in 1947 and 1948. During his career, he has served as health officer for several cities in his native land, national director of public health, Minister of Health and Social Welfare, technical adviser in public health, and advisor emeritus of the Ministry of Health and Social Welfare since 1971, when he assumed his present faculty position.

Dr. Richard B. Hornick, professor and chairman of the Department of Medicine at the University of Rochester School of Medicine and Dentistry, has made important contributions in the field of infectious diseases, having been especially active in the study of typhoid fever. His widely recognized leadership ability has resulted in numerous appointments to editorial review boards and oversight committees. Dr. Hornick received his bachelor's and medical degrees from Johns Hopkins and was a postdoctoral fellow in the Department of Medicine during 1955-57, working with Dr. A. McGehee Harvey. After service in the U.S. Army in 1957-59, he joined the faculty of the University of Maryland School of Medicine. He assumed his present position in 1979.

Dr. Julius R. Krevans, chancellor of the University of California-San Francisco, is an active contributor in the field of hematology. He has for some time also distinguished himself as an influential spokesman in medical education. The broad view he has expressed on the structure of health care systems has led to a prominent role in both the national and international discussions of this important topic. Dr. Krevans, who earned his bachelor's and medical degrees from New York University, was a postdoctoral fellow in the Department of Medicine during 1950-51, working with Dr. C. Lockard Conley. He served on the staff of the Johns Hopkins Hospital (1951-53), and on the faculty of the school of Medicine (1953-71). He was dean for academic affairs at the school from 1968-71, when he became dean of the School of Medicine at the University of California-San Francisco. He became chancellor of that institution in 1981.

Dr. Dwight C. McGoon, consultant in surgery at the Mayo Clinic, has gained an international reputation as a specialist in the area of cardiac surgery. His prominence in this field has resulted in his election to leadership positions in a number of national surgical associations. Dr. McGoon, who earned his medical degree from Johns Hopkins, was a postdoctoral fellow in the Department of Surgery during 1948-54, working with Dr. Alfred Blalock. After two years of service as captain in the United States Air Force, he joined the staff of the Mayo Clinic in 1956, where he served as head of the thoracic and cardiovascular surgery section from 1966-78. He has been a visiting professor at medical institutions throughout the country.

Dr. David L. Miller, professor of community medicine at St. Mary's Hospital Medical School, University of London, has gained an increasingly important role in British public health because of his interest in infectious diseases, particularly in acute respiratory infections. Recently, he has been deeply involved in the World Health Organization program for the control of active respiratory diseases. A graduate of St. Thomas's Hospital Medical School, London, Dr. Miller was a postdoctoral fellow in the Department of Epidemiology during 1965-66, working with Dr. Philip E. Sartwell. He served as deputy director of the Epidemiological Research Laboratory and professor of community medicine at the Middlesex Hospital Medical School, both in his native England, before assuming his present position in 1983.

Dr. David E. Rogers, president of the Robert Wood Johnson Foundation, has made major contributions to the understanding of complications inherent in influenza epidemics, the basic biology of the staphylococcus botulism, and has made important contributions to the knowledge about histoplasmosis. His leadership in the fields of medical education and research has been recognized by both universities and foundations. Dr. Rogers, who received his medical degree from the Cornell University Medical College, was a postdoctoral fellow in the Department of Medicine during 1948-50 and 1968-72, working with Dr. A. McGehee Harvey. During his distinguished career, he has served on the faculties of the Cornell University Medical College, the Vanderbilt University School of Medicine, and the Johns Hopkins University School of Medicine, where he also was dean of the medical faculty and vice president for medicine before assuming his current position.

Dr. Hiroyuki Suga, head, Department of Cardiovascular Dynamics of the National Cardiovascular Center Research Institute in Osaka, Japan, has gained an international reputation in cardiovascular dynamics because of a rare combination of physiological scholarship and biomedical engineering talent. His detailed studies of system parameters, associated with cardiac function, have led to new views of the most appropriate measurements for indicating the health of the heart. Dr. Suga, who received his medical degree from Okayama University Medical School and his Ph.D. in Physiology from the University of Tokyo Medical School, was a postdoctoral fellow in the Department of Biomedical Engineering during 1971-73, working with Dr. Kiichi Sagawa and Dr. Artin A. Shoukas. He was an assistant professor in the department from 1975-78, when he joined the principal staff of the National Cardiovascular Center Research Institute in Osaka. He assumed his present position in 1982.

Dr. Piero Villaggio, professor in the Istituto di Scienza delle Costruzioni at Università di Pisa, has conducted research into a wide range of topics in solid mechanics. Of particular importance is his work in the field of classical elasticity. He has organized the mathematical work on the qualitative theory of partial differential equations and has illustrated how this structure can be used to improve our understanding of practical elastic phenomena. Professor Villaggio, who received his engineering degree from Genoa University, was a postdoctoral fellow in the Department of Mechanics during 1971-72, working with Dr. Jerald Ericksen. He was on the faculty of Genoa University from 1958-66, when he assumed his present position.

Citation Read by
RICHARD P. LONGAKER
in Presenting
JOHN KING FAIRBANK
for the Degree of Doctor of Humane Letters
May 27, 1983

Historian, celebrated author, teacher of teachers, through your efforts you have enhanced our understanding of China and influenced our government's policy toward that nation.

Throughout your distinguished career as a scholar, you have set the highest standards for the study of modern Chinese history. Your former students—outstanding scholars in their own right—teach at institutions throughout the nation. Never content to rest on your laurels, you are now co-editing a major multi-volume history of China for the Cambridge University Press, the most comprehensive study ever prepared in English on that subject.

As a diplomat, government official, and member of numerous professional societies, you have long played an active role in formulating government and public opinion. You were an early and forceful proponent of the normalization of relations between the United States and the People's Republic of China, and you continue to promote friendship between the two nations. The first president of the American Historical Association to specialize in the study of a non-western society, you have been honored throughout the world.

John King Fairbank, for your monumental achievements as a scholar and teacher, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa*.

Citation Read by
RICHARD P. LONGAKER
in Presenting
JOSEPH MEYERHOFF
for the Degree of Doctor of Humane Letters
May 27, 1983

Builder and philanthropist, your dedication to the arts, education, and the welfare of your fellow citizens is legendary. With limitless energy, you have made a lasting imprint upon the City of Baltimore, and the Jewish community both here and in Israel.

A successful entrepreneur and builder, your philanthropies are akin in spirit to the founder of this University. As president of the Baltimore Symphony Orchestra and as the imaginative guiding force behind the creation of its sparkling new home, in this and numerous ways, you have made a singular contribution to the cultural renaissance of Baltimore. Your special devotion to music has been matched by your concern for the welfare of hospitals, universities, and museums. Long a passionate and devoted supporter of Israel and the Jewish people everywhere, you have assumed a position of generous leadership. And, in all of your endeavors, you have shown a profound commitment to a just and civilized world.

Joseph Meyerhoff, for a lifetime of personal accomplishment and dedication to others, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa*.

Citation Read by
RICHARD P. LONGAKER
in Presenting
HARRY WOOLF
for the Degree of Doctor of Humane Letters
May 27, 1983

Educator, scholar, and gentleman, you are a polymath in the truest sense of the word.

As a historian of science, you have bridged the gap between the humanities and sciences through your teaching and writing. As the Willis K. Shepard Professor of the History of Science at this University for fifteen years, you were instrumental in the creation of the department you served as chairman for more than a decade. In addition to your personal contributions to your chosen field, the history of astronomy, you have played a prominent role internationally in strengthening the history of science as an academic discipline.

Your accomplishments as a forceful and eloquent spokesman for higher education are legion. Your profound understanding of the humanities and science and your ability to grasp the direction of scholarship in many fields have earned you praise, first as provost at Johns Hopkins and now as director of the Institute for Advanced Study. Throughout your career, you have encouraged and supported young scholars, and you have played an important role in formulating science policy. Beyond your professional achievements, you are a man renowned for your deep empathy for people from all walks of life.

Harry Woolf, for your unstinting devotion to the life of the mind, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa*.

THE UNIVERSITY MACE

The University Mace carried by the Chief Marshal, Dr. M. Gordon Wolman, was first used at the 1954 Commemoration Day Exercises. Eight symbols are hand wrought in sterling silver on an ebony staff. The symbols represent man's cultural development from ancient times, through the Middle Ages and the Renaissance, to the modern era.

THE PRESIDENTIAL INSIGNIA

University President Steven Muller is wearing the Presidential Insignia signifying the authority vested in the President by the Board of Trustees. It is a chain of sterling silver links worn around the neck. Portraits of each of the ten Johns Hopkins University Presidents are engraved on the faces of ten of the links. On the reverse are engraved the names and dates of office of each President. Ten blank links for future use are included. The University Seal completes the design.

ACADEMIC DRESS

The custom of wearing academic dress stems from the Middle Ages, when scholars were also clerics and wore the costume of their monastic order. The hood was originally a cowl attached to the gown, which could be slipped over the head for warmth. The cap was originally round, but has changed to the varieties that we see today.

The gown varies for the respective degrees. The Bachelor's gown is worn closed and can be distinguished by its long, pointed sleeves. The Master's gown is designed to be open with the arms worn through the slits in the elbows of the sleeves. The Doctor's gown, also worn open, has full, bell-shaped sleeves with three horizontal bars stitched across the upper arm. There is a velvet panel draped around the neck and stitched down the front edges. This velvet trimming may be either black or the same color as the velvet border of the hood.

The hood also varies for the respective degrees. The Bachelor's and Master's hoods are of the same design, pointed at the base. The Bachelor's hood is three feet long; the Master's hood is three and one half feet long. The Doctor's hood is four feet long, of fuller shape and rounded at the base.

The hood is bordered with velvet, the color of which indicates the field of study in which the degree was earned:

Dark blue — Philosophy

Light blue — Education

Orange — Engineering

Gold-yellow — Science

Green — Medicine

Salmon pink — Public Health

Pink — Music

Purple — Laws

White — Arts and Letters

The silk lining of the hood represents the institution which granted the degree. If more than one degree is held, the gown and hood of the higher or highest degree is worn. The Johns Hopkins University has adopted an alternative costume to be used by all holding Johns Hopkins doctoral degrees, both earned and honorary. The costume consists of a gold robe with front and side panels in sable velvet and a six-sided Dutch academic cap with gold sweatband and tassel. The linings seen in today's academic procession may include:

Black, old gold chevron — Johns Hopkins

Light blue, white chevron — Columbia

Dark blue — Yale

Blue with white chevron — Duke

Dark blue, two orange chevrons — Illinois

Light blue, two white chevrons — North Carolina

Old gold, maroon chevron — Minnesota

Old gold — Iowa

Gold, blue chevron — California

Gold — Virginia

Purple, gold chevron — Northwestern

Carnegie Tartan — Carnegie-Mellon

Purple — New York University

Bright red — Wisconsin

Plum, with scarlet — London

Maroon — Chicago

Crimson — Harvard

Carnelian, two white chevrons — Cornell

Cardinal — Stanford

Red, tri-chevron in center — Heidelberg

Dandelion yellow — Michigan

Maize, azure blue chevron — Sorbonne

Yellow and white — Rochester

THE UNIVERSITY MOTTO

Veritas vos liberabit.

The truth shall make you free

—St. John 8:32

AWARDS

IN THE SCHOOLS OF ARTS AND SCIENCES, ENGINEERING AND MEDICINE

LOUIS SUDLER PRIZE IN THE ARTS
for excellence in the visual or performing arts
Awarded to NANCY CAROL KIME
School of Medicine

IN THE SCHOOLS OF ARTS AND SCIENCES AND ENGINEERING

ALEXANDER BUTLER PRIZE
for the best research paper by a first year graduate student in History
Awarded to WILLIAM McENERY OFFUTT

G. STANLEY HALL PRIZE
for outstanding achievement by an undergraduate in Psychology
Awarded to JOHN A. WAGNER

THE 3 ARTS CLUB OF HOMELAND AWARD
for outstanding achievement in the Writing Seminars
Awarded to JANICE LEE STAPLES PETERS

ADOLF KATZENELLENBOGEN MEMORIAL PRIZE
for outstanding work in Art History
Awarded to MARY ALICE LEE

DONALD E. KERR MEMORIAL MEDAL
to the outstanding undergraduate major in Physics
Awarded to DAVID JORDAN EDMONDSON
JOHN CLARK MESTER, JR.

ARTHUR KOUGUELL PRIZE
to the outstanding undergraduate major in History
Awarded to DAVID MARK HURWITZ

SAMUEL H. KRESS FOUNDATION FELLOWSHIP
in the Department of the History of Art
Awarded to WILLIAM DIEBOLD

MARTIN G. LARRABEE AWARD
for undergraduate research in The Thomas C. Jenkins Department of Biophysics
Awarded to ERIC REESE FEARON
VINCENT JOHN MORGESE

ERNEST M. MARKS AWARD

in recognition of excellence in instruction in Chemistry

Awarded to LEAH FRYE

ABIMAEI D. RODRIGUEZ

MATHEMATICAL SCIENCES AWARD

for outstanding achievement by an undergraduate

Awarded to DAVID SHALLCROSS

PAUL A. MCCOY PRIZE

for the most distinguished masters essay in Political Science

Awarded to SUSAN JANE SIGGELAKIS

SARAH & ADOLPH ROSEMAN ACHIEVEMENT AWARD

in recognition of outstanding accomplishment in Chemistry

Awarded to DANKO ANTOLOVIC

MENG-FEI HO

JULIUS TURNER AWARD

for the most distinguished senior thesis in Political Science

Awarded to EMILY ISABELLA HAUPTMANN

PETER PHILLIPS GODSTON

JOHN BOSWELL WHITEHEAD AWARD

for outstanding achievements by an undergraduate in Electrical Engineering
and Computer Science

Awarded to RAMSEY WADI HADDAD

BRIAN G. REILLY

WILLIAM H. BAIN AWARD

for outstanding achievement by an undergraduate
in the Writing Seminars

Awarded to TODD HARRIS ROSEN

IN THE EVENING COLLEGE

DELTA SIGMA PI SCHOLARSHIP KEY

in the Division of Administration and Business for the
highest average for the entire course

Awarded to DEBORAH RUTHERFORD RAUSCH

EDWARD J. STEGMAN, C.P.A., MEMORIAL AWARD

in the Division of Administration and Business for
excellence in the study of Administrative Science at the graduate level

Awarded to RALPH LEONARD FELTER

CAROLYN HARITON FLEMING

MIRIAM SILBERT JOSEPH

MARY SUSAN PRESCOTT

RUSSELL PURNELL RICH

WALL STREET JOURNAL STUDENT ACHIEVEMENT AWARD

in the Division of Administration and Business for outstanding scholarship
and exceptional promise of future success

Awarded to STEPHANIE ANNE BRANT

IN THE SCHOOL OF MEDICINE

HENRY STRONG DENISON SCHOLARSHIP

for excellence in biomedical research

Awarded to

SANDER M. ZESKIND COHEN - 1983

BRIAN LEIF HJELLE - 1981

DAVID CHARLES MERZ - 1981

PETER ANDREW SCHNEIDER - 1983

EUGENIA LANSBURGH SIEGLER - 1981

WILLIAM EARL SMIDDY - 1983

ELLEN RUTH SIMONS STRAHLMAN - 1982

TERRY ALLAN VIK - 1980

ALBERT JAMES WONG - 1983

W. BARRY WOOD STUDENT RESEARCH AWARD

Awarded to CYNTHIA FRANCES BEARER - 1980

SANDOZ AWARD

for excellence in the field of Pharmacology

Awarded to DAVID A. SCHEINBERG

LAUREL AND CLARENCE H. KOENNECKE AWARD

for most promise in the surgical field of gynecology

Awarded to VANESSA ELAINE CULLINS - 1983

FRANKLIN PAINE MALL SCHOLARSHIP IN ANATOMY

in recognition of outstanding accomplishment

Awarded to LISA EGBUONU - 1980

PAUL EHRLICH AWARD IN CLINICAL INVESTIGATION

Awarded to WILLIAM EARL SMIDDY - 1983

MICHAEL A. SHANOFF RESEARCH AWARD

for significant research contribution in the medical sciences

Awarded to DAVID B. DANNER - 1982

GABRIELE VALERIA RONNETT - 1983

HAROLD LAMPORT BIOMEDICAL RESEARCH PRIZE

for meritorious research completed during medical training

Awarded to TERRY ALLAN VIK - 1980

ALBERT JAMES WONG - 1983

HAROLD LAMPORT BIOMEDICAL RESEARCH SCHOLARS

STEVEN MATTHEW HOLLAND - 1980

ALBERT JAMES WONG - 1982

ALAN P. TRIMAKAS AWARD

Awarded to ANDREW YANG - 1982

CIBA AWARD FOR OUTSTANDING COMMUNITY SERVICE

Awarded to JOHN GAYLORD HELLER - 1981

SCHOOL OF MEDICINE STUDENT RESEARCH PRESENTATION

Presented by DAVID CHARLES MERZ - 1981

DAVID ISRAEL MACHT MEMORIAL PRIZE

Awarded to DAVID A. SCHEINBERG - 1983

WILLIAM L. STRAUSS, JR. SCHOLARSHIP AWARD

Awarded to ALBERT JAMES WONG - 1982

IN THE SCHOOL OF HYGIENE AND PUBLIC HEALTH

ALUMNI ASSOCIATION SCHOLARSHIP AWARD

to a student of outstanding promise

Awarded in 1978 to JAMES EMORY CHILDS

Awarded in 1980 to JOYCE M. PIPER

Awarded in 1981 to JAMES TIELSCH

RUTH FREEMAN AWARD

to a nurse deemed to have produced the outstanding doctoral thesis

Awarded to LEAH K. BONOVICH

JOHN C. HUME AWARD

for significance of doctoral research in
the Department of Health Policy and Management

Awarded to TOBY GORDON

JOHN C. HUME AWARD

to a Master of Public Health graduate
for academic excellence and professional promise

Awarded to GARY SMITH

CORNELIUS W. KRUSE AWARD

for the outstanding dissertation in Environmental Health

Awarded to JAMES EMORY CHILDS

IN THE SCHOOL OF ADVANCED INTERNATIONAL STUDIES

WILLIAM C. FOSTER AWARD

to a second year student for sound scholarship and a record of leadership
and distinguished service to SAIS exemplary of the high qualities
of integrity, loyalty and ability admired in Mr. Foster

Awarded to BRIAN CHARLES TOBIN

CHRISTIAN A. HERTER FELLOWSHIP

to the member of the second year class with the most outstanding
record during the first year

Awarded to MORGAN THOMAS McGRATH

TIMOTHY EDWARD PARADIS

HONOR SOCIETIES

PHI BETA KAPPA

From the Junior Class in the School of Arts and Sciences

MAUREEN EMILY FREED
CHARLES JOHNSON II
MICHAEL SETH KAPLOFF

NEAL LUE
JULIA MARIE LUPTON
CHRISTOPHER PAUL MANIK

LESLIE LYNN STERN-RIFKIN
LAWRENCE ROBERT VOLZ
TIEN PEI WONG

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PATRICK CHI FANN
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ALBERT H. LEE
JEFFREY NEIL MARTIN

JOHN CLARK MESTER, JR.
NANCY BETH RING
BRUCE NEAL SCHLAKMAN
INGO WERNER SPRIE
INGO WERNER SPRIE, JR.

ROBERT GERARD VOIGT
GILBERT GOMER WHITMER, JR.
LAWRENCE MICHAEL WONG
BENJAMIN KARL YOKEL

Elected in 1982-83

EDWARD WILLIAM AKEYSON, JR.
STEVEN FRANK BENZ
JUDITH BETTY BIRNBAUM
GRIGORY BLYUKHER . .
LAUREN ARIEL BURNHILL
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HENRY J. CHEN
TAMARA LEA DOERING
SHARON GAIL DOUGLAS
KATHLEEN ANNE DUKE
DAVID JORDAN EDMONDSON
MARK JAMES EVANS
ERIC REESE FEARON
SPENCER ADAM FISHER
DAVID R. FRANCIS
DAVID JOHN GINGO
LOUIS CALEB GLAZER
SUSAN LORI GOLDBERG

MARTHA E. GOTTLING
THOMAS KING HAHN
AMIR HALEVY
HELEN HALL-CRAGGS
JONATHAN GOLDEN HARRIS
EMILY ISABELLA HAUPTMANN
MARGARET L. HEMPEL
PETER CHING HO
CHRISTOPHER NORMAN HOBBIIE
CATHERINE LOUISE KELLEY
ROBERT MARTIN KIRCHNER
BARBARA ANN KOEHLER
HARRIS BENJAMIN LEVITON
ERIN SKYE MACKIE
MARK KEVIN MAGINITY
DAVID WELTON MARKBY
JEFFREY NEIL MARTIN
ALAN EARLEY MCLUCKIE

VINCENT JOHN MORGESSE
ROBERT GLENN MORRISON
ALEXANDER V. MUEHLDOFF
VALERIE FRANCES PIETRZYK
JAY SAMUEL RAND
ANDREW ROBERT REICHERT
SUSAN AMY REISS
PHILIP HENRY SCHMANDT
DUANE WARREN SCHMIDT
GWEN SUSAN SKLOOT
WILLIAM McDUFF SPEARS
KAREN ALICE SWASEY
WILLIAM TSE
JOHN ALAN WAGNER
VIVIAN WASSERTEIL
BARRY ISAAC WEINBERGER
GEORGE THOMAS YATCHISIN
SUZANNE JENNIFER ZORN

From the Senior Class in the G.W.C. Whiting School of Engineering

DAVID FRANK SHALLCROSS

From the School of Medicine

GINA ANN DELLABETTA
RICHARD PENN EMBREY
CHRISTOPHER E. FORSMARK

PAUL JAMES HOEHNER
KANTHORN SIEW-KWAN LEE

PAUL GORDON PRESTON
LESTER E. STINE, JR.
EUGENE LAURENCE WU

From the School of Advanced International Studies

DEMETRIOS LEFAKIS

TAU BETA PI

NATIONAL ENGINEERING HONOR SOCIETY

From the Junior Class in the G.W.C. Whiting School of Engineering

JOHN HENRY BEATTY
DOUGLAS MILLER BLOUGH
ROBERT GARY KELLY

ANN MARIE KROHN
SUZANNE DOROTHY LAU

LARRY WILLIAM NEMSICK
ROLF ANDREW RAMELMEIER
NEAL WILLIAM SANSTROM

From the Senior Class in the G.W.C. Whiting School of Engineering

Elected in 1981-82

NANCY NAI-HUN CHANG
JOHN BRODDUS DEATON, JR.
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SCOTT ERIC GIMPEL

MICHAEL JOSEPH GIOVANNONI
JEFFREY DAVID GUZY
LOUIS JACOB HOLLANDER
OREN BENNETT MILGROME

KEITH SHELTON NABORS
BRIAN STUART REILLY
PATRICIA AMELIA RODRIGUEZ

Elected in 1982-83

THOMAS PATRICK KELLIHER

RAMON L. PALMER, JR.
JOHN KICHU PANG

GIUSEPPE ELIO SCAVONE

From the Evening College

Elected in 1981-82

GEORGE ERNEST WIRTH

Elected in 1982-83

CHARLES WILLIAM ASKINE

JAMES VITO DiLEONARDI

GLENN CHARLES SCHIMINCKE

ALPHA OMEGA ALPHA

HONOR MEDICAL SOCIETY

JEFFREY OWEN ANGLIN
SHAWN JOSEPH BIRD
GINA ANN DALLABETTA
STEPHEN PATRICK DE SILVA
LISA EGBUONU
RICHARD PENN EMBREY
CARLA MARIE FORD

CHRISTOPHER E. FORSMARK
KENNETH LAWRENCE GOETZ
RUTH KEYESS-COHEN
JOHN MARTIN LEONARD
RANDALL SCOTT MOORE
PAUL GORDON PRESTON
BARBAAR McALPINE ROCK

ANN KATHRYN ROSENTHAL
MINDY S. SHAPIRO
ELLEN RUTH SIMONS STRAHLMAN
THOMAS PAUL STRANDJORD
PATRYCE ALYSON TOYE
WYNTER KEENAN VIK

DELTA OMEGA

NATIONAL PUBLIC HEALTH HONOR SOCIETY

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JAMES CHILDS
WILLIAM CHRISTENSEN
LAWREN D'ALTROY
ANDREW DANNENBERG
LIGAYA DE RAMOS
MICHELE DONITHAN-PONGRATZ
ALBERT DONNAY
LISA EGBUONU
ELAINE FRANK

JANET GREENHUT
ROBERT HUGHES
MARK KLEBANOFF
JONATHAN LINKS
DILEEP MAVALANKAR
LYNNE MILLER
HEATHER ONYETT
THOMAS PEARSON
ELLEN PIWOZ

JOSEPH REGNA
MICHAEL SCHMITT
LYNN SILVER
RICHARD SILVER
GARY SMITH
ALICE STERNBERG
JAMES TIELSCH
ROBERT VOGT
GAREN WINTERMUTE

HONORS

Baccalaureate Candidates in the Schools of Arts and Sciences and Engineering

Graduating with General Honors

ELLEN P. ABRAMSON
RAFFAELLO ADDIEGO
JEFFREY LOREN ADELMAN
EDWARD WILLIAM AKEYSON, JR.
ERIC BELL ARANOW
LOIS MARGARET BANTA
RICHARD M. BARDALIS
ROBIN REED BEASLEY
ANDREW STEPHEN BENNETT
LINDA MARGARET BENNINGHOFF
STEVEN FRANK BENZ
TOBI SANDRA BERNSTEIN
JUDITH BETTY BIRNBAUM
GRIGORY BLYUKHER
ALAN STUART BROWN
LAUREN ARIEL BURNHILL
BARBARA JANE BUSHARIS
MICHAEL CALABRIA
GLENN ALAN CALL
DEAN CHANG
NANCY NAI-HUN CHANG
DAVID KING CHEN
HENRY J. CHEN
STEPHEN ANDREW CHERNOW
DOUGLAS LLOYD CLARK
ROBERT ELLIOT CONTINETTI
ANDREW EVIN DAVIDSON
JOHN BRODDUS DEATON, JR.
ROBERT VINCENT DEMARTINI
ROBERT FRED DETROW
PAMELA ANN DIEHL
JAMES PHILIP DISANTO
TAMARA LEE DOERING
SHARON GAIL DOUGLAS
DAVID CHARLES DREWIER
KATHLEEN ANNE DUKE
DAVID JORDAN EDMONDSON
PETER FREDERICK ENGEL
JENNIFER KAY EVANS
MARK JAMES EVANS
PATRICK CHI FANN
FRANCIS ANTHONY FERRARO
SPENCER ADAM FISHER
PEGGY ANNE FOGELMAN
JOE DAVID FOLSOM
JENNIFER LYNN FORRENCE
ROBERT JOHN FORSELL, JR.
DAVID R. FRANCIS
JOSEPH FUSCO
SCOTT ERIC GIMPEL

DAVID JOHN GINGO
THOMAS JAMES GIORDANO
MICHAEL JOSEPH GIOVANNONI
LOUIS CALEB GLAZER
DOUGLAS TODD GNEISER
PETER PHILLIPS GODSTON
SUSAN LORI GOLDBERG
LLOYD HOWARD GREENE
JEFFREY DAVID GUZY
RAMSEY WADI HADDAD
THOMAS KING HAHN
AMIR HALEVY
HELEN HALL-CRAGGS
SCOTT MARTIN HAMILTON
JOHN FRANCIS HARKINS II
EMILY ISABELLA HAUPTMANN
RAYMOND ALBERT HEIN
MARGARET L. HEMPEL
SUSAN RENE HILL
PETER CHING HO
CHRISTOPHER NORMAN HOBBIIE
LOUIS JACOB HOLLANDER
MARK HOWARD HOLLANDER
ANDREW JOSEPH HURLEY
CHRISTINE HELEN JANES
CATHERINE LOUISE KELLEY
MICHAEL CHUL-MIN KIM
ROBERT MARTIN KIRCHNER
CRAIG HOWARD KLIGER
BARBARA ANN KOEHLER
CLIFFORD DENNIS KORENFELD
KEITH GERARD KRASNANSKY
ALBERT H. LEE
HARRIS BENJAMIN LEVITON
ERIN SKYE MACKIE
MARK KEVIN MAGINITY
ELIZABETH ANNE MAJOR
JEFFREY NEIL MARTIN
HELEN LOUISE MCCREEDY
MICHAEL JOSEPH MCGOVERN
ALAN EARLEY MCLUCKIE
JOHN CLARK MESTER, JR.
MICHAEL GEORGE MIKHAIL
OREN BENNETT MILGROME
BRIAN STEWART MIRSKY
JEFFREY ALLAN MOON
VINCENT JOHN MORGESE
ALEXANDER V. MUEHLDOF
EMIL CHRISTOPHER MULY III

KEITH SHELTON NABORS
NOBUYUKI PAUL OHORI
REID WILLIAM ORVEDAHL
RAMON L. PALMER, JR.
JAMES LAWRENCE PEARLMAN
JOHN CASTRO PESTANER
JANICE LEE STAPLES PETERS
BERT MELVILLE PETERSEN, JR.
VALERIE FRANCESCA PIETRZYK
SIMON HOWARD PINCUS
ALFRED ANTHONY PIRRO, JR.
BRUCE IRA POLKES
CAROL ARLENE PRESCOTT
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ANDREW ROBERT REICHERT
BRIAN STUART REILLY
SUSAN AMY REISS
KAREN SUE REYNOLDS
LI-HSIEN RIN
NANCY BETH RING
PATRICIA AMELIA RODRIGUEZ
LAWRENCE IRA ROSENBERG
KATHRYN ANN SAUERS
GIUSEPPE ELIO SCAVONE
BRUCE NEAL SCHLAKMAN
PHILLIP HENRY SCHMANDT
DUANE WARREN SCHMIDT
DAVID FRANK SHALLCROSS
PETER THOMAS SIMOR
VASWATI RANI SINHA
VLADIMIR WALTER SIRACKI
GWEN SUSAN SKLOOT
ETHNIE ANNIE SMALL
INGO WERNER SPIRI, JR.
LESLIE LYNN STERN-RIFKIN
KAREN ALICE SWASEY
WILLIAM TSE
ROBERT GERARD VOIGT
JOHN ALAN WAGNER
VIVIAN VASSETTEIL
BARRY ISAAC WEINBERGER
GILBERT GOMER WHITMER, JR.
JOHN ROBERT WIESS
LAWRENCE MICHAEL WONG
SHELLY WONG
TIEN PEI WONG
GEORGE THOMAS YATCHISIN
BENJAMIN KARL YOKEL
SUZANNE JENNIFER ZORN

Baccalaureate Candidates in the Schools of Arts and Sciences and Engineering

Graduating with Departmental Honors

JEFFREY LOREN ADELMAN
EDWARD WILLIAM AKEYSON, JR.
LOIS MARGARET BANTA
LINDA MARGARET BENNINGHOFF
STEVEN FRANK BENZ
PAUL A. R. BERZELLER
TOBI SANDRA BERNSTEIN
GRIGORY BLYUKHER
LAUREN ARIEL BURNHILL
MICHAEL CALABRIA
CARMEN LORRAINE CASTELS
GLENN ALAN CALL
BRENT JOHNSON CAREY
NANCY NAI-HUN CHANG
DAVID KING CHEN
STEPHEN ANDREW CHERNOW
ROBERT ELLIOT CONTINETTI
JOHN BRODDUS DEATON, JR.
ROBERT FRED DETROW
TAMARA LEA DOERING
DONALD LEE DORSEY
DAVID CHARLES DREWDER
DAVID JORDAN EDMONDSON
ERIC REESE FEARON
SPENCER ADAM FISHER
PEGGY ANNE FOGELMAN
JOE DAVID FOLSOM
ROBERT JOHN FORSELL, JR.
DAVID R. FRANCIS
SCOTT ERIC GIMPEL
THOMAS JAMES GIORDANO
MICHAEL JOSEPH GIOVANNONI

DOUGLAS TODD GNEISER
JEFFREY DAVID GUZY
RAMSEY WADI HADDAD
THOMAS KING HAHN
HELEN HALL-CRAGGS
SCOTT MARTIN HAMILTON
WILLIAM FRANCIS HARKINS, JR.
EMILY ISABELLA HAUPTMANN
MARGARET L. HEMPEL
SUSAN RENEA HILL
ANDREW JOSEPH HURLEY
DAVID MARK HURWITZ
ALAN LEONARD KARRAS
CATHERINE LOUISE KELLEY
THOMAS PATRICK KELLIHER
ROBERT MARTIN KIRCHNER
KEITH GERARD KRASNANSKY
CHARLES JAMES KRUZANSKY
DEMETRIOS LEFAKIS
GRANT M. LALLY
HARRIS BENJAMIN LEVITON
JOHN RONALD LINDNER
MARK KEVIN MAGINITY
ELIZABETH ANNE MAJOR
JEFFREY NEIL MARTIN
JOHN CLARK MESTER, JR.
OREN BENNETT MILGROME
DOUGLAS JAMES MILLER
BRIAN STEWART MIRSKY
VINCENT JOHN MORGESE
ALEXANDER V. MUEHLDOERF
KEITH SHELTON NABORS

THOMAS KEN NEUBERGER
RAMON L. PALMER, JR.
JOHN CASTRO PESTANER
VALERIE FRANCESCA PIETRZYK
BRUCE IRA POLKES
ROBERT M. RAMAGE
JAY SAMUEL RAND
FRANCINE SUSANNE RAPPAPORT
BRIAN STUART REILLY
KAREN SUE REYNOLDS
STEPHEN MATTHIAS RICHARDS
NANCY BETH RING
PATRICIA AMELIA RODRIGUEZ
TODD HARRIS ROSEN
KATHRYN ANN SAUERS
GIUSEPPE ELIO SCAVONE
BRUCE NEAL SCHILAKMAN
PHILLIP HENRY SCHMANDT
DUANE WARREN SCHMIDT
DAVID FRANK SHALLCROSS
VASWATI RANI SINHA
BERNITA MARIE SPAGNOLI
INGO WERNER SPRIE, JR.
LESLIE LYNN STERN-RIFKIN
ANDREW FREDERICK TROFATTER
JOHN ALAN WAGNER
ALLEN WONG
CONRAD WAL-PAC WONG
SHELLY WONG
TIEN PEI WONG
GEORGE THOMAS YATCHISIN
PAULA MARIE ZAK

Graduates from the Humanistic Studies Honors Program

ROBIN REED BEASLEY
GUY WILLIAM CHRICO

JENNIFER KAY EVANS

MARK HOWARD HOLLANDER
JANICE LEE STAPLES PETERS

Baccalaureate Candidates in The Evening College

Graduating with Honors

CHARLES WILLIAM ASKINE
CHARLES VASILA BANDA
STEPHANIE ANNE BRANT
ALAN CURTIS DAVIS
JOHN ANTHONY ECKER
JAMES WARD GREEN

WILLIAM ERNEST GRIEMSMANN
PEGGY TURNER HOLDEN
FREDERICK JOHN KARR
PAUL EUGENE LEUBA
ODA MAE MARTIN
DOROTHY RHODES MAYER

DEBORAH RUTHERFORD RAUSCH
CHERIE JACQUELINE SEWELL
JOHN CRAVEN TAYLOR
JOSEPH FORREST TRACEY
MICHAEL RAY WILKERSON
JOYCE TANNER ZINK

CANDIDATES FOR DEGREES

as of May 9, 1983

A number of the students included in the lists which follow completed their degree requirements earlier in the academic year and could not be present today to receive their degrees in person.

BACHELORS OF ARTS

in The School of Arts and Sciences

Jay Abraham, of Cranston, R.I.
Ellen P. Abramson, of Wilmington, Del.
Raffaello Addiego, of Westmont, N. J.
Robert William Ade, of West Caldwell, N. J.
Homayoon Mohammed Akbari, of Arlington, Va.
Edward William Akeyson, Jr., of Irving, Texas
Harvey Hamilton Allen, Jr., of Winston-Salem, N. C.
Thomas Guy Amalfitano, of Seaford, N. Y.
Angela Vernetta Anthony, of Washington, D. C.
David Allen Armstrong, of Northbrook, Ill.
Nancy Pauline Armstrong, of Baltimore, Md.
Craig Thomas Aronhalt, of Hockessin, Del.
Ann Maureen Aronowitz, of Pleasant Valley, N. Y.
Elizabeth Langdon Baldwin, of Chicago, Ill.
Margarita Mercedes Balmaceda, of Ponce, Puerto Rico.
David Lucien Bangs, of Setauket, N. Y.
Colleen Marie Banik, of Moylan, Pa.
Lois Margaret Banta, of Orangevale, Calif.
Richard M. Bardales, of Wilmington, Del.
Cheryl Hinda Baron, of Mountainside, N. J.
Jonathon Kirk Baugher, of Manhasset, N. Y.
Brian Wayne Baumgardner, of Taneytown, Md.
Elizabeth Ann Bayard, of Baldwin, Md.
Robin Reed Beasley, of Annapolis, Md.
Robert Andrew Beck, of Westwood, N. J.
Tracey Anne Belt, of Potomac, Md.
Andrew Stephen Bennett, of New York, N. Y.
Gary Shields Benninghoff, of Baltimore, Md.
Linda Margaret Benninghoff, of Lloyd Neck, N. Y.
Steven Frank Benz, of Dubuque, Iowa.
Paul A. R. Berczeller, of New York, N. Y.
Martin James Bergin, of Port Washington, N. Y.
Barrie Debra Berman, of Richmond, Va.
Peter Berman, of Media, Pa.
Theodore William Bernstein, of Martinsburg, W. Va.
Tobi Sandra Bernstein, of Baltimore, Md.

Rohit Bhatnagar, of Gaithersburg, Md.
Annette Marie Bicker, of Las Vegas, Nev.
Judith Betty Birnbaum, of Baltimore, Md.
David Lawrence Blanchard, Jr., of Silver Spring, Md.
Grigory Blyukher, of Baltimore, Md.
Andrew Arlan Bobb, of Dhahran, Saudi Arabia.
Jeanne M. Boland, of Scranton, Pa.
Peter Franklin Bornstein, of Highland Park, Ill.
Katina Ann Bovis, of Annapolis, Md.
Robert McCready Bowman, of Wilmington, Del.
Brad Lee Braford, of Baltimore, Md.
John Richard Brett-Smith, of Princeton, N. J.
Mark Edward Briner, of Cumberland, Md.
Paula Brinkley, of Agana, Guam.
Patrice Lynn Brod, of Manhasset Hills, N. Y.
Alan Stuart Brown, of Margate, N. J.
Brenda Marie Brunner, of Smithsburg, Md.
Allan Frederick Bukowski, of Stevens Point, Wis.
Lauren Ariel Burnhill, of Washington, D. C.
Barbara Jane Busharis, of Basking Ridge, N. J.
Michael Calabria, of Bethpage, N. Y.
John Scott Cameron, of Ridgefield, Conn.
William Anthony Cantelli, of Valley Stream, Long Island, N. Y.
Brent Johnson Carey, of Albuquerque, N. M.
David A. Cella, of New York, N. Y.
Dean Chang, of Manila, The Philippines.
Timothy St. George Chapin, of Stonington, Conn.
Henry J. Chen, of Rockville, Md.
Jeannette Anne Chen, of Hong Kong.
Stephen Andrew Chernow, of Middletown, N. J.
Guy William Chirico, of Hunter, N. Y.
Katherine Jean Chou, of Teaneck, N. J.
Ward Kevin Chow, of Seattle, Wash.
Henry Anthony Ciccarone, of Baltimore, Md.
Douglas Lloyd Clark, of Federal Way, Wash.

Dorothy A. Connor, of Harrington Park, N. J.
 Christopher George Constance, of Kings Point, N. Y.
 Robert Elliot Continetti, of Clarksburg, Md.
 John Cassell Cooke, of Baltimore, Md.
 Elizabeth Ann Corwin, of Tampa, Fla.
 Richard S. Craine, of Elkins Park, Pa.
 Michael Dale Crecco, of Newark, Del.
 Lois Claire Crosland, of Gaithersburg, Md.
 Emmett Thomas Cunningham, Jr., of Philadelphia, Pa.
 Michael Francis Czarnowsky, of Baltimore, Md.
 Robert John D'Amato, of Lancaster, Pa.
 Andrew Evin Davidson, of Rockville, Md.
 Emory Todd Deiterich, of Hagerstown, Md.
 Robert Vincent DeMartini, of Brooklyn, N. Y.
 Rene Lawrence Desmarais, of Southington, Conn.
 Pamela Ann Diehl, of Timonium, Md.
 James Philip DiSanto, of Cherry Hill, N. J.
 Tamara Lea Doering, of Baltimore, Md.
 Sharon Gail Douglas, of Winfield, N. J.
 David Charles Drewer, of Dundalk, Md.
 Kathleen Anne Duke, of Ocean Springs, Miss.
 Brian Keith Dulisse, of San Diego, Calif.
 David Jordan Edmondson, of Kensington, Md.
 Peter Frederick Engel, of State College, Pa.
 Jason James Enwright, of Randallstown, Md.
 James Esposito, of Uniondale, N. Y.
 Jennifer Kay Evans, of Norristown, Pa.
 Mark James Evans, of Midlothian, Ill.
 Suzanne Althen Evans, of Parkton, Md.
 Patrick Chi Fann, of Walnut Creek, Calif.
 James Bernard Fanning, Jr., of Hamden, Conn.
 Ellen Marcia Farina, of Baldwin, N. Y.
 Lee Anne Faulkner, of Oak Ridge, Tenn.
 Eric Reese Fearon, of Farmington, Maine.
 Steven Harold Feder, of Philadelphia, Pa.
 Roy Tamar Feldstein, of Stony Brook, N. Y.
 Eve Sophia Ferdman, of New York, N. Y.
 Francis Anthony Ferraro, of New City, N. Y.
 Dale Wayne Fike, of La Sierra, Calif.
 Robert Lawrence Findling, of New Rochelle, N. Y.
 Elissa A. Fineman, of New York, N. Y.
 Spencer Adam Fisher, of Flushing, N. Y.
 Irene Ruth Flatau, of Shoreham, N. Y.
 Peggy Anne Fogelman, of Stamford, Conn.
 Joe David Folsom, of Kensington, Md.
 Jennifer Lynn Forrence, of Emmitsburg, Md.
 Robert John Forsell, Jr., of Camp Springs, Md.
 David R. Francis, of Cumberland, Md.
 Haswell McCullough Franklin, Jr., of Baltimore, Md.
 Deborah Ann Freedberg, of New York, N. Y.
 Joshua Hazard Funt, of Muttontown, N. Y.
 Joseph Fusco, of Smithtown, N. Y.
 Nancy M. Galib, of Somerset, Mass.
 Risa Carol Garfield, of Forest Hills, N. Y.
 Stuart Lawrence Gavurin, of River Edge, N. J.
 Jean Erica Gazis, of Croton on Hudson, N. Y.
 Sharynne Mary George, of Teaneck, N. J.
 Archondoula Michael Georgiou, of Baltimore, Md.
 Richard Anthony Gibbs, of Riverside, Calif.
 Ronald Steven Gilberg, of Harrison, N. Y.
 Patrick Frederick Gillis, of Dover, N. H.
 David John Gingo, of Uniontown, Ohio.
 Thomas James Giordano, of Union, N. J.
 John Haywood Glassie, of Chevy Chase, Md.
 Louis Caleb Glazer, of Wilmette, Ill.
 Douglas Todd Gneiser, of Fond du Lac, Wis.
 Anne Marie Goalwin, of Paoli, Pa.
 Peter Phillips of Godston, of Wethersfield, Conn.
 Susan Lori Goldberg, of Potomac, Md.
 Richard Stuart Goldsmith, of Chevy Chase, Md.
 Eliot Mark Goldstein, of Upper Saddle River, N. J.
 Donald Robinson Gordon, of Nairobi, Kenya.
 Ellen Margaret Gorman, of Middletown, Conn.
 Gary David Goulin, of Minneapolis, Minn.
 Randall Thomas Greehan, of Springfield, Va.
 Joel Sander Greenberg, of Owings Mills, Md.
 Lloyd Howard Greene, of New York, N. Y.
 Martin Pierce Griggs, of Baltimore, Md.
 Jerome Jay Gross, of Spring Valley, N. Y.
 Moia Tamber Gruber, of Fort Lee, N. J.
 Gregory Garrett Gunsten, of Commack, N. Y.
 Thomas King Hahn, of New York, N. Y.
 Karl Victor Hakmiller, of Mansfield, Conn.
 Amir Halevy, of Houston, Texas.
 Ronald Hervey Hall, of Dix Hills, N. Y.
 Helen Hall-Craggs, of Baltimore, Md.
 Coos Hamburger, of Owings Mills, Md.
 Scott Martin Hamilton, of Keymar, Md.
 Christopher Kennedy Hampton, of Tariffville, Conn.
 Sunita Kaul Hanjura, of Srinagar, Kashmir.
 Richard Takashi Hara, of North Merrick, N. Y.
 John Francis Harkins II, of Atlanta, Ga.
 William Francis Harkins, Jr., of Wilmington, Del.
 Emily Isabella Hauptmann, of Parkville, Mo.
 Millard Hawkins, of Baltimore, Md.
 Michael Christopher Hays, of Jarrettsville, Md.
 Raymond Albert Hein, of Dundalk, Md.
 Steven Reed Heinold, of Uniontown, Ohio.
 Marcus Ellison Helman, of Chicago, Ill.
 Margaret L. Hempel, of Poughkeepsie, N. Y.
 Rafael Hernández Mayoral, of Guaynabo, Puerto Rico.
 Peter Ching Ho, of Englewood Cliffs, N. J.
 Christopher Norman Hobbie, of Scotch Plains, N. J.
 Paul James Hoehner, of Rochester, Mich.
 Kathryn Marie Hoffman, of Alexandria, Va.
 Ned Hoffman, of Philadelphia, Pa.
 Beth Brianna Hogsan, of Baltimore, Md.
 Mark Howard Hollander, of Atlanta, Ga.
 Eric Richard Holm, of Pittsburgh, Pa.
 Brian David Holman, of Annapolis, Md.
 Walter Brian Hook, of Wheaton, Md.
 William Joseph Hughes, of Columbia, Md.
 Stephen Vail Hulse, of Baltimore, Md.
 Andrew Joseph Hurley, of Bayside, N. Y.
 David Mark Hurwitz, of Milford, Conn.
 Aline May Hurner, of New York, N. Y.
 Sung Jin Hwang, of Houston, Texas.
 Robert Mark Insoft, of Randolph, Mass.
 Louise Simone Jacobs, of Tenafly, N. J.
 Christine Helen Janes, of North Adams, Mass.
 Robin Leslie Jaslow, of Reisterstown, Md.
 Daniel Nimalan Jayatheva, of Singapore.

Robin M. Johnson, of Manchester, Mass.
 Elizabeth Hattie Jones, of West Orange, N. J.
 John Charles Jové, of Great Neck, N. Y.
 Stephan Frank Jun, of Great Falls, Mont.
 Danny Da-Jin Kao, of Colonial Heights, Va.
 Alan Leonard Karras, of Skokie, Ill.
 Douglas Alan Katz, of Glen Cove, N. Y.
 Steven Mitchell Katz, of North Massapequa, N. Y.
 Terry Marie Keenan, of Albany, N. Y.
 Graham Edward Kelder, Jr., of Cornwall, N. Y.
 Catherine Louise Kelley, of Elliott City, Md.
 Virginia L. Killian, of Beach Haven, N. J.
 Michael Chul-Min Kim, of Elliott City, Md.
 Robert Wayne Kimball, of Lawton, Okla.
 Robert Martin Kirchner, of Columbia, Md.
 Craig Howard Kliger, of Vienna, Va.
 Walter Emile Knight, of Meriden, Conn.
 Barbara Ann Koehler, of Fairfax, Va.
 Louis Bryan Koerber, of Baltimore, Md.
 Clifford Dennis Korenfeld, of St. Louis, Mo.
 Susan Audrey Koslow, of Englewood Cliffs, N. J.
 Sharon B. Kozinn, of Demarest, N. J.
 Stephanie Lisa Kretchner, of New York, N. Y.
 Charles James Kruzansky, of Poughkeepsie, N. Y.
 Paul Edward Kulits, of Wethersfield, Conn.
 Grant M. Lally, of Centre Island, N. Y.
 Cheryl Anne Lang, of Poughkeepsie, N. Y.
 John Mark Larus, of Newton, Mass.
 Mark Timothy Lau, of Honolulu, Hawaii.
 Carmen A. K. Patterson Lazarus, of Kingston, Jamaica.
 Wendy Susan Leavitt, of North Palm Beach, Fla.
 Albert H. Lee, of Monroeville, Pa.
 Chon Lee, of St. Paul, Minn.
 Kamthorn Siew-Kwan Lee, of Singapore, Republic of Singapore.
 Demetrios Lefakis, of Athens, Greece.
 Cory Todd Lefkowitz, of Brooklyn, N. Y.
 John Francis Lessner, of Baltimore, Md.
 Miranda Beth Levine, of Dover, N. H.
 Harris Benjamin Leviton, of Rockville, Md.
 Elizabeth Ann Levy, of Baltimore, Md.
 Evan Coulson Lipsitz, of New York, N. Y.
 Diana Chua Liu, of New York, N. Y.
 Daniel Andrew Loch, of New York, N. Y.
 Douglas John Loftus, of Minoa, N. Y.
 Robert Andrew Lord, of Westminster, Md.
 Michael Edward Lynch, of Massapequa, N. Y.
 Patricia Catherine Ma, of Encino, Calif.
 Erin Skye Mackie, of Baltimore, Md.
 Patricia Ann Maerz, of West Hartford, Conn.
 Mark Kevin Maginity, of Reisterstown, Md.
 Elizabeth Anne Major, of Chesapeake City, Md.
 Karen Anne Malkin, of Bethesda, Md.
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 Gary Royston Martin, of Westminster, Md.
 Jeffrey Neil Martin, of St. Louis Park, Minn.
 Tanya Ingrid Mayer, of Baltimore, Md.
 Lois Natalie McCoy, of Bucksport, Maine.
 Helen Louise McCreedy, of South Burlington, Vt.
 Judith Kathleen McGann, of Andover, Mass.
 Michael Joseph McGovern, of Cranston, R. I.
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 Jeffery Dean McNeal, of Ponca City, Okla.
 Stephen Philip Menn, of Newton, Mass.
 Ann S. Menzel, of Los Alamos, N. M.
 Ann Gage Merchant, of Silver Spring, Md.
 Joseph Victor Mersol, of Chagrin Falls, Ohio.
 John Clark Mester, Jr., of Bel Air, Md.
 Michael George Mikhail, of Troy, Mich.
 Douglas James Miller, of Hindsville, Ark.
 Gary Allan Miller, of Sands Point, N. Y.
 Jeffrey Seabrooke Milnes, of Vienna, Va.
 Ariella Mirowski, of Baltimore, Md.
 Brian Stewart Mirsky, of West Palm Beach, Fla.
 Francine Joy Molay, of Wenham, Mass.
 Anne Lisa Moldave, of Newport Beach, Calif.
 Lori Ann Molloy, of Peekskill, N. Y.
 Thomas Jay Montanaro, of Wethersfield, Conn.
 Mark Letterio Monteferrante, of Towson, Md.
 Jeffrey Allan Moon, of Baltimore, Md.
 Vincent John Morgese, of Morris Plains, N. J.
 John McDowell Morris, of Crofton, Md.
 Farhad Moshiri, of Tehran, Iran.
 Alexander V. Muehldorf, of Potomac, Md.
 JoAnn Mulcahy, of Sayreville, N. J.
 Emil Christopher Muly III, of Largo, Fla.
 Adam Millard Nenzler, of Norwalk, Conn.
 Eric Paul Nenon, of Chatham, Va.
 Annemarie Nicols, of Garden City, N. Y.
 Valerie Jai Niketakis, of Hope, N. J.
 Bradford Alan Nilsson, of San Diego, Calif.
 Indira Nimmagadda, of Baltimore, Md.
 Carolyn Nunez, of Silver Spring, Md.
 Lawrence Patrick O'Brien, of Binghamton, N. Y.
 Marc Alan Offit, of Pikesville, Md.
 Nobuyuki Paul Otori, of Tokyo, Japan.
 Constance Lois Orchard, of St. Louis, Mo.
 Reid William Orvedahl, of Moorhead, Minn.
 James Richardson Paddon, of Summit, N. J.
 Matthew Lunde Pantel, of Somerville, N. J.
 James Lawrence Pearlman, of Dobbs Ferry, N. Y.
 Kimberly Sue Penner, of Carlisle, Pa.
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 Katherine Teresa Perkins, of Baltimore, Md.
 Bruce Alan Pearlman, of Hollywood, Fla.
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 Bert Melville Petersen, Jr., of St. Thomas, V. I.
 John Adrian Petrie III, of Westbury, N. Y.
 Kenneth James Pienta, of Baltimore, Md.
 Lynn Marie Pietak, of Abington, Pa.
 Valerie Francesca Pietrzyk, of Columbia, Md.
 Simon Howard Pincus, of Oradell, N. J.
 Hans W. Pinkert, of Birmingham, Mich.
 Alfred Anthony Pirro, Jr., of Stamford, Conn.
 Bruce Ira Polkes, of Glen Cove, N. Y.
 Eric Michael Polokoff, of Norwalk, Conn.
 Carol Arlene Prescott, of Anaheim, Calif.
 Christopher James Quinn, of Middle Haddam, Conn.
 Ashvin T. Ragoowansi, of Beaver, Pa.
 Jay Samuel Rand, of Great Neck, N. Y.

Loren Ratner, of Island Park, N. Y.
 Barry K. Rayburn, of Jacksonville, Ill.
 Julie Elaine Reeves, of Laurel, Md.
 Andrew Robert Reichert, of Loudonville, N. Y.
 Daniela Reik, of New York, N. Y.
 Jonathan Carl Reiser, of Scarsdale, N. Y.
 Susan Amy Reiss, of Merrick, N. Y.
 Joshua Jay Reiter, of Harrison, N. Y.
 Nicholas Restifo, of Amherst, Ohio.
 Karen Sue Reynolds, of Santa Fe, N. M.
 Li-Hsien Rin, of Elkton, Md.
 Nancy Beth Ring, of Needham, Mass.
 David Skinner Rintoul, of Westport, Conn.
 Holly Robbins, of Hudson, N. H.
 Miles Robert, of New York, N. Y.
 John Charles Roemer IV, of Parkton, Md.
 Aimee Jane Roschelle, of New York, N. Y.
 Gavin Elliot Rose, of Columbia, Md.
 Michael Bruce Rosen, of Richland, Wash.
 Todd Harris Rosen, of Brooklyn, N. Y.
 Lawrence Ira Rosenberg, of Spring Valley, N. Y.
 Laura Jean Rosenthal, of Vestal, N. Y.
 Roy Andrew Ross, of West Chester, Pa.
 Gordon David Rubinfeld, of Fairless Hills, Pa.
 Jennifer Jo Rupert, of Fairfax, Va.
 Raino Saari, of Brooklyn, N. Y.
 Dena Tamar Safer, of Glendale, Wis.
 Arnold Hunt Salisbury III, of North Andover, Mass.
 James E. Salles, of New York, N. Y.
 Hamid Samadani, of Upper Marlboro, Md.
 Paul Joseph Santoro, of Ashland, Mass.
 Fern Julie Sarpy, of Washington, D. C.
 Kathryn Ann Sauers, of Highland Park, N. J.
 Gregory Charles Sazima, of South Euclid, Ohio.
 Andrew Marc Schiffmiller, of Baldwin, N. Y.
 Bruce Neal Schlakman, of Dix Hills, N. Y.
 Debra P. Schlesinger, of Great Neck, N. Y.
 Phillip Henry Schmandt, of Austin, Texas.
 Duane Warren Schmidt, of Potomac, Md.
 Karen Elizabeth Schoedel, of Springfield, Va.
 David Allen Schroeder, of Baltimore, Md.
 Michael Lloyd Segal, of Marblehead, Mass.
 Lise Ann Shea, of Glen Rock, N. J.
 L. Philip Sheldon, Jr., of Anaheim, Calif.
 Wen-hui Shen, of Taipei, Taiwan, Republic of China.
 T. Michael Shera, of Towson, Md.
 Eve Silverstone, of Washington, D.C.
 Peter Thomas Simor, of Montreal, Canada.
 Laura Singer, of Providence, R.I.
 Vaswati Rani Sinha, of Towson, Md.
 Vladimir Walter Siracki, of Akron, Ohio.
 Gwen Susan Skloot, of Riverdale, N. Y.
 Ethnie Annie Small, of Olney, Md.
 Jeffrey Scott Smith, of Beverly, Mass.
 Mitchell David Smith, of Highland Park, N. J.
 Tracey Ann Smith, of North Syracuse, N. Y.
 Maria Matilda Smyth, of Glen Ridge, N. J.
 Paul Sorrentino, of Laurel, Md.
 Bernita Marie Spagnoli, of Freedom, Pa.
 Ingo Werner Sprie, Jr., of North Brunswick, N. J.
 Loretta Anne Sprissler, of Philadelphia, Pa.
 Cynthia Gail Stagoff, of New York, N. Y.
 Tobias Maurice Steed, of Baltimore, Md.
 Leslie Lynn Stern-Rifkin, of Potomac, Md.
 Kimberly Wood Stevens, of Fairfield, Conn.
 David Matthew Stewart, of Cherry Hill, N. J.
 Lester E. Stine, Jr., of Pittsburgh, Pa.
 Joanne Stipick, of Edgewater Park, N. J.
 Wesley E. Stites, of Canon City, Colo.
 Thomas William Stoeve, of La Canada, Calif.
 Eric David Strauch, of Bethesda, Md.
 Barbara W. Sugland, of Old Saybrook, Conn.
 Karen Alice Swasey, of Monroe, Conn.
 Denise Szczucki, of Levittown, Pa.
 David Edmund Szymkowski, of Philadelphia, Pa.
 Warren Scot Tanz, of Paramus, N. J.
 Sam Rountree Telford III, of Gainesville, Fla.
 Cheryl Lynn Templeton, of Upper Providence Township, Pa. (Posthumously)
 Mae Thamer, of Baltimore, Md.
 James Stuart Thomas, of Cynthia, Ky.
 Catherine Lynn Thompson, of Biloxi, Miss.
 Jeffrey Louis Timmons, of Nashville, Tenn.
 Brian Max Tissue, of Hagerstown, Md.
 Angel Eduardo Torano, of Silver Spring, Md.
 Joanne Marie Tremblay, of Waterbury, Conn.
 Andrew Frederick Trofater, of Bridgewater, N. J.
 Ralph S. Truitt, of Wilmington, Del.
 William Tse, of Meadville, Pa.
 John H. Tu, of San Francisco, Calif.
 Brenda Pokua-Brenya Twumasi, of Juaso, Ghana.
 Richard James Ufford, of Pitcher, N. Y.
 Mary Ellen Utterback, of Rockville, Md.
 Steven James Valenti, of Wilmington, Del.
 Jeffrey Allyn Vanefsky, of Lawrence, N. Y.
 Kathleen Ann Villa, of Monmouth Beach, N. J.
 Robert Gerard Voigt, of Massapequa Park, N. Y.
 Cecile Vu, of Manila, The Philippines.
 Dragomir Milan Vujic, of Greenwood Lake, N. Y.
 John Alan Wagner, of Collegeville, Pa.
 Chester LeeRoy Wagstaff II, of Rockville, Md.
 Bradley Jon Waitzer, of Norfolk, Va.
 Peter John Walsh, Jr., of Hockessin, Del.
 Janice Kathleen Warila, of Ironton, Ohio.
 Michael Louis Washburn, of Bel Air, Md.
 Vivian Wasserteil, of Dallas, Texas.
 Ethel Blanche Weber, of Baltimore, Md.
 Joel Bradley Weber, of Lawrenceville, N. J.
 Barry Isaac Weinberger, of Oceanside, N. Y.
 Nancy L. Weiss, of Staten Island, N. Y.
 Susan Frances Weissfeld, of Riverdale, N. Y.
 Susan Elizabeth Welsh, of Newton, N. J.
 Marilyn Ann Wennes, of Farmingdale, N. Y.
 Lloyd Neil Werk, of Spring Valley, N. Y.
 Brooke Erin White, of Adell, Wis.
 Catherine Anne Whitley, of Baltimore, Md.
 Gilbert Gomer Whitmer, Jr., of Bethel Park, Pa.
 Jess Thomas Whitson, of Waxahachie, Texas.
 Chester S. Wiener, of Great Neck, N. Y.
 John Robert Wiess, of Pound Ridge, N. Y.
 Laura Carol Williams, of Willingboro, N. J.
 Bruce Clifford Winter, of Englewood Cliffs, N. J.

Allen Wong, of Hayward, Calif.
 Conrad Wai-pac Wong, of Rockville, Md.
 Jacqueline Whee-Ling Wong, of New Hartford, N. Y.
 Lawrence Michael Wong, of Ellicott City, Md.
 Michael Wo-Ming Wong, of Edmonton, Canada.
 Shelly Wong, of Hayward, Calif.
 Tien Pei Wong, of Houston, Texas.
 Joseph Franklin Woolford III, of Owings Mills, Md.

George Thomas Yatchisin, of East Hanover, N. J.
 Benjamin Karl Yokel, of Bethesda, Md.
 Julia Ann Young, of Fort Lee, N. J.
 Jason Shih-ning Yuan, of Gainesville, Fla.
 Paula Marie Zak, of Pittsburgh, Pa.
 Cheryl Lynn Ziegler, of Lincoln Heights, Ohio.
 Suzanne Jennifer Zorn, of Yardley, Pa.

BACHELORS OF ENGINEERING SCIENCE

in The G.W.C. Whiting School of Engineering

Mark John Abbaticchio, of Plantation, Fla.
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 Eric Bell Aranow, of Baltimore, Md.
 Stuart William Baldwin, of Frederick, Md.
 Gregory Scott Bartlett, of Dover, N. H.
 Robert Russell Bateman, of Towson, Md.
 Paul Albert Beyard, of Timonium, Md.
 Brian Christopher Booth, of Elkton, Md.
 Janine Carol Borofka, of Cottage Grove, Minn.
 Lydell Dana Bowser, of Baltimore, Md.
 Andrew Scott Brief, of South Orange, N. J.
 Daniel John Burns, of Ridley Park, Pa.
 Glenn Alan Call, of Tampa, Fla.
 Nancy Nai-Hun Chang, of Ottawa, Ontario, Canada.
 David King Chen, of Baltimore, Md.
 Khan Chowpongpan, of Bangkok, Thailand.
 Christopher Andrew Chung, of Pittsburgh, Pa.
 Izzet Israel Çiçyasvili, of Istanbul, Turkey.
 Neil L. Cohen, of Jericho, N. Y.
 Kathleen Geneva Connally, of Annandale, Va.
 James Robert Connelly, of Camillus, N. Y.
 Robert W. Cook, of San Juan, Puerto Rico.
 Gilbert Russell Cruz, of Franklin Square, N. Y.
 Michael James Cushing, of Manassas, N. J.
 Wesley R. Daub, of Catonsville, Md.
 John Broddus Deaton, Jr., of Manakin, Va.
 Robert Fred Detrow, of Smithsburg, Md.
 Donald Lee Dorsey, of Grasonville, Md.
 Kenneth Ezra Dworkin, of Kensington, Md.
 Bret Jonathan Elkind, of New Rochelle, N. Y.
 Eric Scott Feinstein, of Douglaston, N. Y.
 Paul Joseph Frey, of Baltimore, Md.
 Scott Eric Gimpel, of Douglaston, N. Y.
 Michael Joseph Giovannoni, of Towson, Md.
 William John Griffin, of Wheaton, Md.
 Stephen Richard Gunning, of Medford, Mass.
 Jeffrey David Guzy, of Princeton Junction, N. J.
 Ramsey Wadi Haddad, of Bloomfield, Conn.
 Kyle Edward Hicks, of Freeport, N. Y.
 Gene Hitoshi Higa, of Los Angeles, Calif.
 Susan Renea Hill, of Littleton, Colo.

David Bussey Hillis, of Lake Worth, Fla.
 Fletcher Nels Holmquist, of Phoenix, Ariz.
 Jeffrey William Honeycutt, of Vienna, Va.
 Kristopher Mann Hoover, of Short Hills, N. J.
 Timothy Ming Hsieh, of Towson, Md.
 Christopher Michael Hurley, of Kingsville, Md.
 Joseph F. Interdonato, of Scotch Plains, N. J.
 Menekse Zeynep Ismen, of Gaithersburg, Md.
 James Ralph Jacobs, of Montgomery, Ala.
 James Martin Jagielski, of Baltimore, Md.
 Thomas Patrick Kelliher, of West Chester, Pa.
 Gregory Charles Kendzierski, of Baltimore, Md.
 Eric D. Kirsch, of Hastings-on-Hudson, N. Y.
 Brian Gerard Krasnansky, of Baltimore, Md.
 Keith Gerard Krasnansky, of Baltimore, Md.
 Kenneth Aaron LaBel, of Trenton, N. J.
 Mark Edward Lahner, of Madison, Conn.
 David C. Lai, of Salt Lake City, Utah.
 Damon Lane Lee, of Beltsville, Md.
 Daniel Ray Lee, of Bloomfield, N. J.
 Hyo Jung Lee, of Newport, Minn.
 Kenneth Kun Lee, of Alexandria, Va.
 Victor Harrison Levy, of Bethesda, Md.
 John Ronald Lindner, of Baltimore, Md.
 James Bartholomew Lochary II, of Baltimore, Md.
 John Gerard Mastrangelo, of Fairfield, N. J.
 Douglas Rogers May, of Cockeysville, Md.
 Charles Anthony McManus III, of Bowie, Md.
 Oren Bennett Milgrome, of East Caldwell, N. J.
 Keith Shelton Nabors, of Fort Washington, Md.
 Wayne August Nickols, Jr., of Dundalk, Md.
 Robert Lawrence Oaks, of Philadelphia, Pa.
 Charles Alan Ocheret, of Rego Park, N. Y.
 Steven Edward Okonski, of Middle Village, N. Y.
 Douglas Frank Ortega, of Olney, Md.
 Karen L. Overbeke, of Baltimore, Md.
 Ramon L. Palmer, Jr., of Cockeysville, Md.
 John Kichu Pang, of Seoul, Korea.
 Nicholas Earnest Poulos, of Pepper Pike, Ohio.
 Robert M. Ramage, of Warminster, Pa.
 Francine Susanne Rappaport, of Flushing, N. Y.
 Brian Stuart Reilly, of Glen Arm, Md.

Eric Mark Reuling, of Baltimore, Md.
 Stephen Matthias Richards, of Thousand Oaks, Calif.
 Andrew F. X. Riegler, of Holmdel, N. J.
 Rhonda Yvonne Robinson, of Indian Head, Md.
 Michael Roch, of Baltimore, Md.
 Patricia Amelia Rodriguez, of Potomac, Md.
 Giuseppe Elio Scavone, of Florence, Italy.
 David Valiant Schaefer, of St. Charles, Ill.
 Isabel Lynn Sigman, of North Miami Beach, Fla.
 Mark Daniel Skoner, of Mansfield, Ohio.

Thomas James Snetsinger, of Webster Groves, Mo.
 Howard Joseph Stamato, of Old Tappan, N. J.
 William Henry Swift, of Gaithersburg, Md.
 Ming Tong, of Baltimore, Md.
 Gregory Richard Turk, of Baltimore, Md.
 Joseph Rhoads Winston, of Moorestown, N. J.
 John L. Wong, of Belmont, Calif.
 Thomas Joseph Zahurak, of Kingsville, Md.
 Denise Cecilia Zervas, of Alexandria, Va.
 David Wayne Zolet, of Randallstown, Md.

BACHELORS OF ARTS

in The G.W.C. Whiting School of Engineering

Dilip Kishore Barman, of Bethel, Conn.
 Thaddeus John Beier, of Silver Spring, Md.
 Gregory Lewis Bradley, of Towson, Md.
 Richard James Breyer III, of Severna Park, Md.
 Amy Lamont Buchanan, of Columbia, Md.
 Carmen Lorraine Castells, of Whitehouse Station, N. J.
 Mark Choi, of Cherry Hill, N. J.
 Gregory Michael Doudnikoff, of Mount Airy, Md.
 John Giusto, of Lindenhurst, N. Y.
 Nathan Alan Greenlee, of Chatham Township, N. J.
 Steven Thomas Hand, of Baltimore, Md.

Louis Jacob Hollander, of Pikesville, Md.
 Paul Victor Keller, of Jacksonville, Minn.
 Percy Faraday Leaper, of Princeton, N. J.
 Robert Andrew Luftglass, of Armonk, N. Y.
 Christopher Joseph McShea, of Pittsburgh, Pa.
 Thomas Ken Neuberger, of Raymond, Maine.
 John Castro Pestaner, of Potomac, Md.
 Milton Alan Pobletts, of Sykesville, Md.
 Robert James Quillin, of Columbus, Ohio.
 Paul Ronald Reillo, of Lutherville, Md.
 David Frank Shallcross, of West Windsor, N. J.

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in The Peabody Conservatory of Music

Hyun Suk Choi, of Toledo, Ohio. Piano.
 Oksu Pak Choo, of Towson, Md. Violin.
 Deborah Ann Cobb, of Silver Spring, Md. Piano.
 Toni Luana Cravzow, of Baltimore, Md. Music Education.
 Jean Elizabeth Crichton, of Silver Spring, Md. Voice.
 Jane Ann Cromwell, of Tucson, Ariz. Violin.
 Lu Ann Davis, of Baltimore, Md. Music Education.
 Damon Cordell Denton, of Severna Park, Md. Piano.
 Martha Clare Dirks, of Severna Park, Md. Violoncello.
 Diana Figueroa, of Bayamón, P. R. Piano.
 Robert J. Fuller, of Berlin, N. Y. Piano.
 Lynné Smith Funkhouser, of Broad Run, Va. Clarinet.
 Margaret Ellen Genovese, of Olney, Md. Voice.
 Thomas Dwayne Greene, of Asheboro, N. C. Music Education.
 E. Morgan Jenkins, of Hagerstown, Md. Flute.
 Patricia Kaczmarczyk, of West Seneca, N. Y. Flute.
 James Andrew John Katchko, of Swyersville, Pa.; B.A. King's College, 1980. Voice.
 Mi Hyon Kim, of Willowdale, Ontario, Canada. Violin.
 Agnes F. Kovacs, of Holliston, Mass. Music Education.
 Deborah Krempels, of Methuen, Mass. Oboe.
 Juan Carlos Lastra de León, of Rio Piedras, P. R. Guitar.
 Debra Marion Livant, of Gaithersburg, Md.; B.M. The Peabody Conservatory of Music, 1980. Harp.

Joseph Frederick Michel, of Kingsville, Md. Music Education.
 Elizabeth Wadsworth Moak, of Oxford, Miss. Piano.
 Ann M. Morgan, of La Grange, Ill.; B.A. Illinois Wesleyan University, 1983. Violoncello.
 Tanis Alesia Morris, of Woolford, Md. Music Education.
 Anne Margaret Osterle, of Pittsburgh, Pa. Music Education.
 Elizabeth Clare Peterson, of Westmont, N. J. Music Education and Violoncello.
 Stephanie Polyzois, of Potomac, Md.; B.A. Wake Forest University, 1980. Piano.
 Stephen Proser, of Mansfield Center, Conn. Horn.
 Jennifer Marian Rende, of Washington, D. C. Viola.
 Jane Caroline Rhoads, of Winter Park, Fla. Oboe.
 Ruth Rose, of Lima, Peru. Piano.
 Starr Schaftel, of Baltimore, Md. Clarinet.
 Everett Premiere Suttle, of Bear, Del. Voice.
 Michael Ernest Unger, of Maywood, N. J. Music Education.
 Alan Glen White, of Randallstown, Md. Music Education.
 Harry Leonard Williams, of Millersville, Md. Composition.
 Karl Isaac Zipser, of Oak Park, Mich. Clarinet.

ASSOCIATES OF ARTS

in The Evening College

John Purviance Bonsal, Jr., of Oxford, Md.
Salvatore Anthony D'Anna, of Lutherville, Md.
Linda Graham, of Baltimore, Md.
Ronald Christian Klimt, of Baltimore, Md.

Cynthia Gail Miller, of Baltimore, Md.
Mirta A. Nunez, of Baltimore, Md.
Rosalie Elizabeth Parker, of Baltimore, Md.
Mildred Elizabeth Stefansson, of Baltimore, Md.

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in The Evening College

Mark Thomas Blevins, of Forest Hill, Md.
Charles Larry Fisher, Jr., of Edgewood, Md.
James Henry Freed, of Baltimore, Md.
Janet Gebhart Hare, of Baltimore, Md.

James Frederick Hawes, of Ellicott City, Md.; B.S. Virginia Polytechnic Institute, 1953.
Charles Kevin Wakefield, of Baltimore, Md.

BACHELORS OF SCIENCE

in The Evening College

Jack Ronald Bauer, of Baltimore, Md. Management.
Stephanie Anne Brant, of Cockeysville, Md. Management/
Leadership.
Ronald Calvin Brothers, of Baltimore, Md. Mathematics.
Aldena Brown Carter, of Baltimore, Md. Management.
John Thomas Clark, of Baltimore, Md. Management.
Susan J. Cobb, of Baltimore, Md. Psychology.
Carmen Cotto de Morales, of Towson, Md. Psychology.
Jeffrey Stephen Coyte, of Gaithersburg, Md. Management/
Leadership.
Betty Louise Remsberg DeColigny, of Randallstown, Md.
Nursing.
Mary Katherine Ford DeMarco, of Baltimore, Md. Nursing.
Philip Oden Duvall, of Upperco, Md. Mathematics.
Sharon June Ensley, of Baltimore, Md. Psychology.
Joseph Michael Ford, of Baltimore, Md. General Business.
Joanna F. Franklin, of Cambridge, England. Psychology.
Henry Luther Graf, of Baltimore, Md. General Business.
Patricia Ann Greenberg, of Baltimore, Md. English &
World Literature.
John Michael Guzik, of Pylesville, Md. Management.
Dean Thomas Harrison, of Baltimore, Md. Life Sciences.
Erma Martha Harron, of Bel Air, Md. Social Sciences.

Dale Elizabeth Hart, of Baltimore, Md.; A.A. The Johns Hopkins University, 1979. Psychology.
Henry John Hartman, of Baltimore, Md. History.
Dorothy Helen Hodor, of Baltimore, Md. Nursing.
Peggy Turner Holden, of Lutherville, Md.; A.A. The Johns Hopkins University, 1981. Psychology.
Sandra Ambrose Holt, of Baltimore, Md. Nursing.
Anita Paige Hoswell, of Baltimore, Md. Management/
Leadership.
James Gerald Hoswell, of Baltimore, Md. History.
Michelle Bourgeois Johnson, of Baltimore, Md. Life Sciences.
Frederick John Karr, of Arbutus, Md. General Business.
Carolyn Margaret Kiefner, of Baltimore, Md. Nursing.
June Frances Kircher, of Baltimore, Md. Nursing.
Maryrose Kober, of Baltimore, Md. Management/Leadership.
John Michael Kosyjana, of Baltimore, Md. Psychology.
Pamela Darby LeCompte, of Baltimore, Md. Political Science.
Robert Sterling Long, of Linthicum Heights, Md. General Business.
Oda Mae Martin, of Baltimore, Md. History.

Debra Susan McGlothlin, of Port Deposit, Md. Psychology.
 Janet Elsie Messersmith, of Baltimore, Md. Management/Leadership.
 Peggy Ladd Navarre, of Owings Mills, Md. Management/Leadership.
 Clayton Nelson, of Westminster, Md. Management.
 John Peplinski, of Baltimore, Md. Management.
 Joan Constance Petrlik, of Baltimore, Md. Nursing.
 Deborah Rutherford Rausch, of Severna Park, Md. Management/Leadership.
 Richard Martin Rausch, of Severna Park, Md. Management/Leadership.
 Dean Andrew Reinecke, of Pasadena, Md. Management/Leadership.
 Barbara Ann Rimi, of Baltimore, Md. Nursing.
 Frances Marie Roderick, of Baltimore, Md. Management/Leadership.
 Karan Cole Sapp, of Baltimore, Md. Social Sciences.
 Cheryl Working Seal, of McDonogh, Md. Liberal Studies.
 Mary Doreen Seeley, of Baltimore, Md. Social Sciences.
 Cherie Jacqueline Sewell, of Baltimore, Md. Nursing.
 Brenda Gubern Smith, of Baltimore, Md. Management/Leadership.
 Jerry Louis Stern, of Reisterstown, Md. Life Sciences.
 Mary Gill Stewart, of Baltimore, Md. Management/Leadership.
 Sharon Ann Sweder, of Millers, Md. Management/Leadership.
 John Craven Taylor, of Columbia, Md. Management.
 Phyllis Ann Thomas, of Columbia, Md. English & World Literature.
 Nancy Lee Thompson, of Cockeysville, Md. Nursing.
 Mary Carlita Unger, of Baltimore, Md. Nursing.
 Janice Marie von Lindenberg, of Baltimore, Md. Management.
 Joyce Tanner Zink, of Baltimore, Md. Psychology.

BACHELORS OF SCIENCE IN ENGINEERING in The Evening College

Robert Anthony Antlitz, of Pasadena, Md.; A.S. The Johns Hopkins University, 1981. Mechanical.
 Roger Lee Arnold, of Baltimore, Md. Industrial.
 Charles William Askine, of Baltimore, Md. Electrical.
 Eugene Stuart Bailey, of Baltimore, Md. Civil.
 Charles Vasila Banda, of Glen Burnie, Md.; A.S. The Johns Hopkins University, 1981. Electrical.
 John Henry Bauer, of Baltimore, Md. Electrical.
 David Allen Beck, of Towson, Md. Electrical.
 Gouranga Deb Bose, of Baltimore, Md. Mechanical.
 Steven Joseph Brainard, of Owings Mills, Md. Electrical.
 Richard Theodore Bryson, of Hagerstown, Md. Mechanical.
 Charles H. Carik, of Middletown, Pa. Electrical.
 Gregory Francis Cunningham, Sr., of Hampstead, Md. Electrical.
 Alan Curtis Davis, of Hagerstown, Md. Mechanical.
 Christopher Lee Davis, of Clear Spring, Md. Mechanical.
 William Harry DeBloom, of Kingsville, Md.; A.S. The Johns Hopkins University, 1979. Mechanical.
 Dennis Duane Denke, of Arnold, Md. Mechanical.
 Lawrence Edward Dickens, of Baltimore, Md. Electrical.
 James Vito DiLeonardi, of Baltimore, Md. Mechanical.
 Mary Louise Duffy, of Bel Air, Md. Mechanical.
 Edward Michael Dunn, of Ellicott City, Md. Mechanical.
 John Anthony Ecker, of Hagerstown, Md. Mechanical.
 William Edward Eikenberg, of Ellicott City, Md. Electrical.
 Jerome Vincent Geeza, of Bel Air, Md. Electrical.
 James Ward Green, of Lineboro, Md. Mechanical.
 William Ernest Griemsmann, of Hagerstown, Md. Mechanical.
 Lawrence Lynn Grimes, of White Hall, Md.; A.S. The Johns Hopkins University, 1977. Electrical.
 Albert Jerome Herb, of Pasadena, Md.; A.S. The Johns Hopkins University, 1976. Electrical.
 Robert Gray Howard, of Annapolis, Md. Mechanical.
 Richard David James, of Pasadena, Md. Mechanical.
 Edwin Rudolph Krause, of Baltimore, Md.; A.S. The Johns Hopkins University, 1981. Mechanical.
 Mary Catherine Latimer, of Sykesville, Md.; A.S. The Johns Hopkins University, 1981. Electrical.
 Robert Allan Leishear, of Baltimore, Md. Mechanical.
 Paul Eugene Leuba, of Cockeysville, Md.; A.S. The Johns Hopkins University, 1975. Industrial.
 Ross Allan Lindman, of Annapolis, Md. Mechanical.
 Louis Gary Martinelli, of Baltimore, Md. Civil.
 Dorothy Rhodes Mayer, of Hagerstown, Md. Mechanical.
 Michael Roland McHale, of Edgewater, Md. Electrical.
 James Albert Merritt, Sr., of Baltimore, Md. Mechanical.
 Frederic Peter Messenger, of Braddock, Md. Electrical.
 Richard Bruce Moser, Sr., of Joppa, Md.; A.S. The Johns Hopkins University, 1974. Mechanical.
 Michael Allan Nawrocki, of Westminster, Md. Electrical.
 Joseph Anthony Porcella, of Baltimore, Md. Mechanical.
 Michael Louis Rist, of Baltimore, Md. Civil.
 Douglas Willard Roseboro, of Seabrook, Md. Electrical.
 Charles William Rupp, of Baltimore, Md. Mechanical.
 Steven Sachs, of Baltimore, Md. Electrical.
 Donald Ray Sanders, of Sykesville, Md. Electrical.
 Glenn Charles Schmincke, of Glen Burnie, Md. Electrical.
 Ernest Irving Scheppe, of Edgewood, Md. Civil.
 Edward Clyde Simonini, of Owings Mills, Md. Civil.
 Robert Paul Smardon, of Ellicott City, Md. Electrical.
 Keith William Staubs, of Sharpsburg, Md. Mechanical.

Judith P. Taylor, of Baltimore, Md.; A.S. The Johns Hopkins University, 1980. Electrical.
 Paul Wayne Taylor, of Churchville, Md. Civil.
 John Holt Terrell III, of Glen Burnie, Md.; A.S. The Johns Hopkins University, 1980. Industrial.
 Joseph Forrest Tracey, of Brodbeck, Pa. Electrical.

George Joseph Weber, Jr., of Edgewood, Md. Civil.
 Nicholas John Alan White, of Silver Spring, Md. Civil.
 Michael Ray Wilkerson, of Baltimore, Md.; A.S. The Johns Hopkins University, 1981. Electrical.
 George Ernest Wirth, of Cockeysville, Md. Civil.
 Stanley James Zakens, Jr., of Annapolis, Md. Mechanical.

MASTERS OF SCIENCE in The Evening College

Richard David Martin Abraham, of Columbia, Md.; B.S. University of Dayton, 1975. Computer Science.
 Daniel Alan Acton, of State College, Pa.; B.S.S.E. United States Naval Academy, 1977. Computer Science.
 George W. Adams, of Columbia, Md.; B.A. San Fernando Valley State College, 1968. Applied Behavioral Science.
 Judith Anne Adams, of Easton, Md.; B.A. Gettysburg College, 1977. Education.
 Robert James Adkins-Hastings, of Reston, Va.; B.A. University of Delaware, 1971. Computer Science.
 George Dale Akin, of Fort Meade, Md.; B.S. University of Oregon, 1980. Computer Science.
 James Lloyd Albert, of Bel Air, Md.; B.C.E. University of Delaware, 1973. Environmental Engineering.
 Howard Leroy Alderman, Jr., of Baltimore, Md.; B.S. Towson State University, 1980. Urban Planning.
 John Richmond Alexander, Jr., of Crownsville, Md.; B.S. Columbia University, 1953. Computer Science.
 Alice B. Allen, of Baltimore, Md.; B.A. University of Maryland, 1973. Education.
 Margaret Mary Altoff, of Baltimore, Md.; B.A. Mount St. Agnes College, 1969; M.L.A. The Johns Hopkins University, 1974. Education.
 Carolyn Hull Anderson, of Baltimore, Md.; B.A. Morgan State College, 1970; M.L.A. The Johns Hopkins University, 1975. Education.
 Maureen McCahan Anderson, of Clarksville, Md.; B.A. University of Akron, 1968. Education.
 Peter Nils Anderson, of Baltimore, Md.; B.A. State University of New York, 1977. Education.
 Bennie Joyce Andrews, of Columbia, Md.; B.S. Alabama Agricultural and Mechanical University, 1969. Education.
 Nancy Ann Andrews, of Hanover, Md.; B.S. Cleveland State University, 1968. Education.

Mary Julia Arcidiacono, of Hagerstown, Md.; B.S. St. Joseph College, 1945. Education.
 Renate Helen Arndt, of Silver Spring, Md.; B.S. University of Maryland, 1979. Applied Behavioral Science.
 Barbara Ann Arnett, of Edgewood, Md.; B.S. Towson State College, 1973; M.Ed. The Johns Hopkins University, 1977. Education.
 Mark G. Baciak, of Fort Meade, Md.; B.S.C.E. University of Pittsburgh, 1979. Electrical Engineering.
 Barbria Trout Bacon, of Baltimore, Md.; B.S. Morgan State University, 1976. Education.
 Alyson Leigh Bailey, of Reisterstown, Md.; B.A. Goucher College, 1982. Education.
 Jay Rowley Baker, of Arlington, Va.; B.S. University of Maryland, 1976. Space Technology.
 Mary Teresa Bankoski, of Baltimore, Md.; B.A. University of Maryland, 1974. Education.
 Claudia Adeline Barber, of Baltimore, Md.; B.A. Goucher College, 1980. Education.
 Dianne C. Barker, of Silver Spring, Md.; B.S. Western Connecticut State College, 1963. Education.
 Susan Wells Barrett, of Washington, D.C.; B.A. Western Maryland College, 1972. Applied Behavioral Science.
 Anna Katherine Barton-Thomas, of Columbia, Md.; B.S.S.W. George Mason University, 1973. Applied Behavioral Science.
 Barry Allyn Bates, of Rockville, Md.; M.S. University of Rhode Island, 1972. Computer Science.
 Peter Jon Beck, of Baltimore, Md.; B.S. State University College of New York, 1977. Education.
 Thomas Michael Beck, of Beltsville, Md.; B.S.E. Northeastern University, 1981. Computer Science.
 Audrey Lynn Bender, of Columbia, Md.; B.S. College of William and Mary, 1980. Computer Science.

- Nadine Benesch, of Baltimore, Md.; B.A. University of Maryland, 1975. Education.
- Deborah Mary Bentz, of Baltimore, Md.; B.A. University of Maryland, 1972; M.L.A. The Johns Hopkins University, 1978. Education.
- Donna Little Benzing, of Catonsville, Md.; B.S. Towson State College, 1963. Education.
- Theresa Margaret Berg, of Glen Burnie, Md.; B.A. Our Lady of Angels College, 1968; M.L.A. The Johns Hopkins University, 1974. Education.
- Eric Scott Bergan, of Ellicott City, Md.; B.A. University of Kansas, 1979; B.S., 1979. Computer Science.
- Sandra Jo Bergan, of Ellicott City, Md.; B.S. University of Kansas, 1979. Applied Physics.
- Kathryn Riall Berger, of Ellicott City, Md.; B.S.N. University of Maryland, 1976. Education.
- Donald Berry, of Cockeysville, Md.; B.S. Towson State University, 1979. Applied Physics.
- Phillis Dian Stanley Betzer, of Laurel, Md.; B.S. University of Delaware, 1961; M.Ed. The Johns Hopkins University, 1978. Education.
- Linda Anne Biddison, of Laurel, Md.; B.S. University of Maryland, 1971. Numerical Science.
- Emil Joseph Blassic, of Herndon, Va.; B.S. University of Maryland, 1974. Computer Science.
- William A. Bock, of Columbia, Md.; B.S. University of Delaware, 1979. Electrical Engineering.
- Patricia Cavanaugh Boehm, of Towson, Md.; B.S. The Johns Hopkins University, 1975. Education.
- Joel David Bonewitz, of Silver Spring, Md.; M.S. University of Oklahoma, 1978. Computer Science.
- Gary Nelson Boughan, of Clarksburg, Md.; B.S.E.E. University of Maryland, 1973. Computer Science.
- Deborah A. Bowser, of Highland, Md.; B.A. Gettysburg College, 1972; M.S. University of Delaware, 1974. Electrical Engineering.
- James Thomas Boyd, of Silver Spring, Md.; B.S. United States Naval Academy, 1974. Numerical Science.
- Donald Eugene Bradfield, of Mountville, Pa.; B.S.E.T. Capitol Institute of Technology, 1979. Electrical Engineering.
- Dennis Eugene Brake, of Bowie, Md.; B.S. Old Dominion University, 1976. Space Technology.
- Neil Layton Brierley, of Catonsville, Md.; B.S. University of Maryland, 1980. Computer Science.
- Richard S. S. Bright, of Columbia, Md.; B.S. Babson College, 1968. Applied Behavioral Science.
- Leonard Lee Bryant, of Winchester, Va.; M.A. George Washington, University, 1974. Education.
- Barbara McCloskey Bryl, of Baltimore, Md.; B.S. Towson State University, 1976. Education.
- Roger Vincent Buck, of Columbia, Md.; B.S. University of Washington, 1964; M.S. The Johns Hopkins University, 1970. Computer Science.
- Kathy King Burns, of Columbia, Md.; B.S. University of Maryland, 1975. Education.
- Judith Louise Butera, of Timonium, Md.; B.S.N. University of Buffalo, 1966. Education.
- John Marshall Campbell, of Laurel, Md.; B.A. Western Maryland College, 1974. Computer Science.
- Madeline Topkins Canter, of Baltimore, Md.; B.A. University of Rochester, 1977. Education.
- Thomas Preston Carter, of Laurel, Md.; B.S. Purdue University, 1977. Computer Science.
- Margaret Verrochi Cary, of Catonsville, Md.; B.S. St. Joseph College, 1971. Education.
- Nancy Degasperis Casalena, of Baltimore, Md.; B.A. College of Notre Dame of Maryland, 1977. Education.
- Gary Lee Causer, of Ellicott City, Md.; M.S. Indiana University of Pennsylvania, 1976; M.S. Ohio State University, 1979. Computer Science.
- Joann Cook Chambers, of Columbia, Md.; B.S. The Johns Hopkins University, 1979. Applied Behavioral Science.
- Joanne Linn Chambers, of Baltimore, Md.; B.S. Morgan State University, 1972. Education.
- Corrie Elizabeth Channel, of Cumberland, Md.; B.S. University of Maryland, 1977. Education.
- Kathy Lynn Channick, of Silver Spring, Md.; B.S. University of Maryland, 1973. Education.
- Chia-Chi Yang Chao, of Silver Spring, Md.; B.C. Feng Chia College, Taiwan, 1977. Computer Science.
- Carol Kay Simons Charles, of Middletown, Md.; B.S. Frostburg State College, 1969; M.Ed., 1976. Education.
- Cecilia Jasek Cheswick, of Baltimore, Md.; B.A. University of Maryland, 1977. Education.
- Nelson Chiang, of Kensington, Md.; B.A. College of Chinese Culture, Taiwan, 1972; M.S. University of Maryland, 1974. Computer Science.
- Patricia Ann Chippendale, of Silver Spring, Md.; B.S. University of Connecticut, 1970. Education.
- Beale Warfield Cockey, of Timonium, Md.; B.A. Goucher College, 1980. Education.
- Clifton Ellsworth Cole, of Baltimore, Md.; B.S. Howard University 1973. Electrical Engineering.
- Carrie Louise Collins, of Savannah, Ga.; B.S. Norfolk State College, 1975. Education.

- John Salvatore Collura, of Glen Burnie, Md.; B.S.E.E. State University of New York, 1979. Electrical Engineering.
- Albert Frank Conklin, Jr., of Baltimore, Md.; B.S. University of Maryland, 1979. Computer Science.
- Barbara Pence Conn, of Laurel, Md.; B.A. Cornell College, 1960. Education.
- James Aloysius Corr, of Clifton Park, N.Y.; M.A. Villanova University, 1967. Education.
- Raymond John Costlow, of Elkridge, Md.; B.S. Pennsylvania State University, 1979. Electrical Engineering.
- Donna C. Crable, of Columbia, Md.; M.S. University of District of Columbia, 1978. Education.
- Michael Allen Cramer, of Woodbine, Md.; B.S. Murray State University, 1979. Applied Physics.
- Beverly Williams Crisp, of Baltimore, Md.; B.S. Morgan State College, 1962; M.L.A. The Johns Hopkins University, 1970. Education.
- Randall Jay Dase, of Cockeysville, Md.; B.A. The Johns Hopkins University, 1976. Education.
- Stephen John Daugard, of Millersville, Md.; B.S. Maritime College, 1969. Numerical Science.
- Philip S. Davidowitz, of Baltimore, Md.; B.S. Loyola College, 1978. Computer Science.
- Clara Reather Davis, of Randallstown, Md.; B.S. Morgan State University, 1973. Education.
- Charles L. Dawson III, of Marriotsville, Md.; B.A. University of Maryland, 1975. Space Technology.
- Debra Kay Dear, of Randallstown, Md.; B.A. Shepherd College, 1974. Education.
- Vito Gelsomino Del Guerico, of Columbia, Md.; B.S.E.E. New Jersey Institute of Technology, 1962. Computer Science.
- RoseMarie Hlavaty Deming, of Columbia, Md.; B.A. Ursuline College, 1963. Education.
- Deneice Lynn Dent, of Baltimore, Md.; B.A. Loyola College, 1975. Applied Behavioral Science.
- William Shriver Devereux, of Glenelg, Md.; B.S.E.E. University of Maryland, 1980. Electrical Engineering.
- Antoinette Devore, of Glen Burnie, Md.; B.S. University of Baltimore, 1975. Computer Science.
- Steven Carroll DeWitt, of Ellicott City, Md.; B.S. Towson State University, 1974. Computer Science.
- Debra Bolka Diehl, of Ellicott City, Md.; B.A. Arizona State University, 1975. Computer Science.
- Anke Dill, of Glenn Dale, Md.; B.S. University of Maryland, 1978. Education.
- Ian William Dinovitz, of Baltimore, Md.; B.S. The Johns Hopkins University, 1980; B.T.L. Ner Israel Rabbinical College, 1980. Education.
- Donna Marica Dithberner, of Baltimore, Md.; B.S. The Johns Hopkins University, 1977. Education.
- Dorothy Jean Dixon, of Randallstown, Md.; B.S. Coppin State College, 1971. Education.
- Tuan Xuan Do, of Langley Park, Md.; B.S. Southern Methodist University, 1979. Computer Science.
- Michael Anthony Dombroski, of Glen Burnie, Md.; B.A. University of Maryland, Baltimore County, 1980. Computer Science.
- James Marsh Dougherty, of Chevy Chase, Md.; B.S. Washington and Lee University, 1980. Computer Science.
- Robert E. Downs, of Sykesville, Md.; B.A. Cornell University, 1973; B.S.E.E. University of Colorado, 1979. Electrical Engineering.
- Barbara Ann Drane, of Columbia, Md.; B.S. Louisiana State University, 1973. Computer Science.
- Ferdinand Becker Drane, of Columbia, Md.; M.S. Louisiana State University, 1974. Computer Science.
- Christopher Paul Durney, of Silver Spring, Md.; S.T.B. Immaculate Conception College, 1974. Education.
- Bill J. Eason, of Brookeville, Md.; M.S.E.E. University of Arkansas, 1970. Computer Science.
- Joseph L. Eastin, of Gambrills, Md.; B.S. Mississippi State College, 1960. Computer Science.
- Norma Kaplow Eagles, of Columbia, Md.; B.S.O.T. Washington University, 1960. Education.
- Lucille Weiland Elder, of Edgewood, Md.; B.S. Towson State University, 1977. Education.
- Sarah Davis Elias, of Baltimore, Md.; M.A. Morgan State College, 1976. Education.
- R. Lynn Williams Elliott, of Baltimore, Md.; B.A. University of Maryland, 1976. Education.
- Henry Holt Emurian, of Baltimore, Md.; Ph.D. American University, 1975. Computer Science.
- Patricia Clouse Epifanio, of Cockeysville, Md.; B.S. The Johns Hopkins University, 1976. Education.
- Deborah Marie Evans, of Hagerstown, Md.; M.Ed. Shippensburg State College, 1975. Education.
- Reginald Tyrone Farrare, of Glen Burnie, Md.; B.S. University of Maryland, 1973. Education.
- William James Farrell, Jr., of Bowic, Md.; B.S. Towson State University, 1975. Electrical Engineering.
- Douglas Ubil Fischer, of Smithsburg, Md.; B.S. Bucknell University, 1977. Computer Science.

- Charles Denison Fisher, of Baltimore, Md.; B.A. Harvard University, 1974. Education.
- Michael James Fisher, of Columbia, Md.; B.A. Towson State University, 1976. Computer Science.
- George Henry Fleming, of Baltimore, Md.; B.S. Christopher Newport College, 1976. Computer Science.
- Barry Michael Flickinger, of Reisterstown, Md.; B.S. Pennsylvania State University, 1975. Environmental Engineering.
- Laurie Melinda Fogleman, of Edgewood, Md.; B.S. Appalachian State University, 1978. Education.
- Thomas Bagley Foley, Jr., of Columbia, Md.; B.S. North Carolina State University, 1971. Computer Science.
- John Preston Foreman, of Glen Burnie, Md.; B.A. University of Maryland, 1974. Education.
- Mary Gerard Forte, of Severn, Md.; B.S.E.E. University of Akron, 1976. Computer Science.
- Mary Kimberley Forthuber, of Phoenix, Md.; B.S. Virginia Commonwealth University, 1978. Education.
- Judith Clare Fournier, of Glenwood, Md.; B.A. Morris Harvey College, 1967. Applied Behavioral Science.
- Christine Knight Franey, of Westminster, Md.; B.A. Towson State University, 1977. Education.
- Audrey Theis Frenkil, of Baltimore, Md.; B.A. Chatham College, 1968; M.Ed. University of Pittsburgh, 1974. Education.
- Melvin Harvey Friedman, of Alexandria, Va.; Ph.D. Carnegie-Mellon University, 1969; M.S. The Johns Hopkins University, 1981. Electrical Engineering.
- June Jackson Frisby, of Columbia, Md.; B.S. Morgan State University, 1971. Applied Behavioral Science.
- Robert Lee Fry, of Ellicott City, Md.; B.E. Youngstown State University, 1979. Electrical Engineering.
- John Gregory Funk, of Baltimore, Md.; B.S.E. The Johns Hopkins University, 1979. Environmental Engineering.
- Kenneth Wayne Furrer, of Columbia, Md.; B.S.E.E. University of Pittsburgh, 1978. Computer Science.
- Thomas John Galatro, of Baltimore, Md.; B.S.C.E. Lafayette College, 1974. Environmental Engineering.
- Kathleen Anne Gallagher, of Frederick, Md.; B.S. University of Washington, 1978. Electrical Engineering.
- Marilyn Hyman Gamse, of Baltimore, Md.; B.S. Towson State University, 1959. Education.
- Shirley Venette Gasch, of Crofton, Md.; B.A. Nazareth College, 1966. Computer Science.
- Thomas Paul Gaske, of Silver Spring, Md.; B.S.E.E. University of Maryland, 1976. Computer Science.
- Clifton Frederick Gauss, of Baltimore, Md.; B.A. University of Maryland, 1950. Education.
- Kathryn Knierim Getzendanner, of Baltimore, Md.; B.S. Eastern College, 1968. Education.
- Stephen Joseph Gewirtz, of Baltimore, Md.; Ph.D. Harvard University, 1966. Computer Science.
- Gobinder Singh Ghaman, of Glenn Dale, Md.; B.B.A. University of the District of Columbia, 1980. Computer Science.
- James Ray Gibson, of Glen Burnie, Md.; B.S. Loyola College, 1975. Environmental Engineering.
- Harold Ginsberg, of Silver Spring, Md.; B.S.A.E. Boston University, 1959; M.S.A.E. University of Maryland, 1965; M.S. The Johns Hopkins University, 1968. Computer Science.
- Roberta Alliene Girardi, of Columbia, Md.; B.S. University of Maryland, 1977. Education.
- Joanne Elizabeth Gischlar, of Baltimore, Md.; B.S. Towson State University, 1978. Education.
- Kenneth Rayner Gladden, of Baltimore, Md.; B.S. Coppin State College, 1965; M.Ed. Towson State University, 1974. Education.
- Mary A. Goff, of Tacoma, Wash.; B.S. Shippensburg State College, 1976. Education.
- Michael Jay Goldberg, of Silver Spring, Md.; B.S. University of Maryland, 1973. Computer Science.
- Linda J. Goldreyer, of Greenbelt, Md.; B.A. American University, 1977. Education.
- Ann Elizabeth Golike, of Seabrook, Md.; B.A. University of Virginia, 1980. Space Technology.
- Patricia Jean Gonzales, of Baltimore, Md.; B.S.N. University of Maryland, 1976. Education.
- Edward Wayne Gordon III, of Sykesville, Md.; B.S. St. Mary's College, 1971. Education.
- Christopher John Gorman, of Beltsville, Md.; B.A. University of Texas, 1974. Computer Science.
- Caryn Marie Gray, of Glen Burnie, Md.; B.A. North Carolina Wesleyan College, 1969. Education.
- Robert Brubaker Graybill, of Ellicott City, Md.; B.T. Pennsylvania State University, 1973. Computer Science.
- Pauline Bresnahan Green, of Pasadena, Md.; B.S. The Johns Hopkins University, 1956. Education.
- Elizabeth Page Greenland, of Baltimore, Md.; B.A. Goucher College, 1979. Applied Behavioral Science.
- Arlene Iris Greenspan, of Baltimore, Md.; B.S. State University of New York at Buffalo, 1976. Education.
- Michael Douglas Griffin, of Columbia, Md.; B.A. University of Maryland, 1971; Ph.D., 1977. Applied Physics.

- Dorothy Jean Griffith, of Silver Spring, Md.; B.S. University of Vermont, 1978. Electrical Engineering.
- John Roxburgh Groom, of Columbia, Md.; B.S. University of Maryland, 1975. Computer Science.
- Paul Gulotta, of Columbia, Md.; B.A. The Johns Hopkins University, 1980. Computer Science.
- Mary Marshall Hallock of Baltimore, Md.; B.S. University of Maryland, 1976. Education.
- Rochelle Etta Hammerman, of Baltimore, Md.; B.S. University of Maryland, 1980. Education.
- Csaba Balint Hanyi, of Baltimore, Md.; B.S.E. The Johns Hopkins University, 1978. Computer Science.
- Craig Allan Harpel, of Gaithersburg, Md.; B.S. Pennsylvania State University, 1980. Computer Science.
- Deborah Sue Harris, of Bowie, Md.; B.S. University of Maryland, 1978. Education.
- Sue Ann Hartson, of Owings Mills, Md.; B.S. University of Maryland, 1975. Computer Science.
- Joan Paula Haug, of New Windsor, Md.; B.S. Frostburg State College, 1977. Education.
- Vera Wanette Hayes, of Adelphi, Md.; B.S. Virginia State College, 1976. Computer Science.
- Anne Frances Heere-Beyer, of Reisterstown, Md.; B.S. University of Maryland, 1978. Education.
- Joseph Florian Heinig, of Hyattsville, Md.; B.S.E.E. Northeastern University, 1976. Electrical Engineering.
- Gary Lee Heinz, of Gaithersburg, Md.; B.S.E.T. Capitol Institute of Technology, 1980. Electrical Engineering.
- David Eugene Helfrich, of Ellicott City, Md.; B.S.E. The Johns Hopkins University, 1981. Computer Science.
- John Francis Hendrick, of Baltimore, Md.; B.S. Temple University, 1978. Environmental Engineering.
- Sandra Harvey Hevner, of Baltimore, Md.; B.A. York College of Pennsylvania, 1975. Education.
- Suzanne Inberg Hoffman, of Ellicott City, Md.; B.S. University of Maryland, 1977. Numerical Science.
- John Patrick Hogan, of Pasadena, Md.; B.S. Clemson University, 1980. Computer Science.
- Elaine Jae Holman, of Sykesville, Md.; B.S. Mount St. Mary's College, 1978. Education.
- Ivar Robert Holmquist, of Baltimore, Md.; B.A. Augsburg College, 1952; M.L.A. The Johns Hopkins University, 1966. Applied Behavioral Science.
- Mary Miller Horenkamp, of Pasadena, Md.; B.S. The Johns Hopkins University, 1975. Education.
- Mary Louise Horner, of Baltimore, Md.; B.A. Towson State University, 1976. Education.
- Alan Raymond Horvath, of Annapolis, Md.; B.S. Monmouth College, 1975. Electrical Engineering.
- Ruth Morton Hough, of Severna Park, Md.; B.S. Union College, 1974. Computer Science.
- Zon-Hong Hsieh, of Wheaton, Md.; Ph.D. Georgetown University, 1971. Computer Science.
- Ta-Wei Hu, of Falls Church, Va.; B.B. Tamkang College, Taiwan, 1975. Computer Science.
- James Llewellyn Hubbard, of Bowie, Md.; B.S. University of Texas, 1974. Computer Science.
- Richard Karl Huebschman, of Columbia Md.; B.S.E.E. University of Maryland, 1978. Electrical Engineering.
- Joan Magdalena Hunn, of Silver Spring, Md.; B.S. St. Cloud State University, 1969. Education.
- Anita Leshar Hunter, of Ellicott City, Md.; B.A. Hood College, 1959; M.L.A. The Johns Hopkins University, 1966. Education.
- Bonnie Rachael Hurwitz, of Bel Air, Md.; B.A. University of Maryland, Baltimore County, 1970. Urban Planning.
- Hsien-Tang R. Hwang, of Potomac, Md.; M.S. University of Missouri, 1980. Computer Science.
- Portia Cristina Imle, of Baltimore, Md.; B.S. University of Maryland, 1975. Education.
- Ray Jane Immerman, of Silver Spring, Md.; B.S. Wheelock College, 1975. Education.
- Rosario Mariana Izquierdo, of Severn, Md.; B.S. University of Maryland, 1975. Space Technology.
- J. Michael Jakes, of Laurel, Md.; B.S.E.E. Duke University, 1979. Computer Science.
- Carolyn Toles Jameson, of Columbia, Md.; B.S. Alabama State College, 1972. Education.
- Jonalu Johnstone, of Manassas, Va.; B.S. James Madison University, 1977. Education.
- Diane Marie Juras, of Baltimore, Md.; B.S. Towson State University, 1977. Education.
- George Edgar Kalb, of Baltimore, Md.; B.A. University of Maryland, Baltimore County, 1980. Computer Science.
- Mark Kavalerschik, of Reisterstown, Md.; B.S. Minski Radio Institute, Russia, 1973. Computer Science.
- Stephanie Kayne-Davis, of Columbia, Md.; B.S. University of Maryland, 1979. Education.
- Clinton Joseph Kelbel, of Baltimore, Md.; B.S.M.E. University of Maryland, 1977. Environmental Engineering.
- Gwendolyn Q. Kellam, of Baltimore, Md.; B.A. Antioch University, 1979. Education.
- David Barry Kelley, of Columbia, Md.; B.S.M.E. Michigan State University, 1980. Computer Science.

- Anne Morlock Keys, of Phoenix, Md.; B.A. College of Notre Dame of Maryland, 1979. Applied Behavioral Science.
- Janet G. Kimatian, of Baltimore, Md.; B.S. Towson State University, 1978. Education.
- Rose Tyson Kinney, of Baltimore, Md.; M.A. New York University, 1945; C.A.S. The Johns Hopkins University, 1980. Applied Behavioral Science.
- Tonya Lynne Oksa Kipple, of Bremerton, Wash.; B.S. Carson-Newman College, 1980. Education.
- Teresa Lynn Kirk, of Baltimore, Md.; B.S. Eastern Kentucky University, 1977. Education.
- James Edwin Knable, of Clear Spring, Md.; M.Ed. Western Maryland College, 1980. Education.
- Roselyn Marie Knapp, of Emmaus, Pa.; B.A. Pennsylvania State University, 1953. Education.
- Kathleen Joan Kolodgie, of Gaithersburg, Md.; B.A. Frostburg State College, 1975. Computer Science.
- Doris Kopler Koskos, of Potomac, Md.; B.S. University of Pittsburgh, 1953. Education.
- Timothy Wayne Kremann, of Crofton, Md.; B.S. University of Maryland, 1975. Computer Science.
- Shelley LaMar Kretsinger, of Hagerstown, Md.; B.S. Frostburg State College, 1976. Education.
- Luis Ospina Krug, of Baltimore, Md.; B.A. University of Notre Dame, 1979. Education.
- Cheryl A. Kruszoff, of Baltimore, Md.; B.A. College of Notre Dame of Maryland, 1979. Education.
- John Richard Kuhn, of Silver Spring, Md.; B.S. Frostburg State College, 1978. Computer Science.
- Donald William Kunaniec, of Columbia, Md.; B.S. University of Maryland, 1979. Electrical Engineering.
- Kuo-Cheng Kuo, of Potomac, Md.; M.S.E.E. University of Missouri, 1979. Computer Science.
- Patricia Marie Kurtz, of Maryland Line, Md.; B.A. Towson State University, 1977. Education.
- James William Kyle, of Lutherville, Md.; B.S.E.E. University of Maryland, 1977. Applied Physics.
- Nanik Gangaram Lahori, of Chevy Chase, Md.; M.S. Jai Huid College, India, 1962. Computer Science.
- Robert Stephen Lake, of Bethesda, Md.; M.S. California State University, 1972. Computer Science.
- Joseph Johnson Lane, of Baltimore, Md.; B.S. Towson State University, 1980. Numerical Science.
- Carol Lee LaRotonda, of Severna, Park, Md.; B.A. Rollins College, 1976. Applied Behavioral Science.
- Margaret Miller Lashbrook, of Newark, Del.; B.A. Marywood College, 1978. Education.
- Reginald Bernard Lawrence, of Washington, D.C.; B.S. Alabama State University, 1977. Computer Science.
- Yvonne Gary Lawrence, of Baltimore, Md.; B.S. Coppin State College, 1975. Education.
- Donald Lee Lawson, of Baltimore, Md.; B.S.E. Capitol Institute of Technology, 1980; M.S. The Johns Hopkins University, 1982. Computer Science.
- Kenneth Vaughn Ledford, of Baltimore, Md.; B.S. The Johns Hopkins University, 1979. Computer Science.
- Delores Eleanor Lee, of Baltimore, Md.; B.A. College of Notre Dame of Maryland, 1980. Applied Behavioral Science.
- Claire Ansbro Leftwich, of Fairfax, Va.; B.S. University of Maryland, 1974. Education.
- Jeffrey Dean Levin, of Gaithersburg, Md.; B.S.E.E. Virginia Polytechnic Institute, 1977. Electrical Engineering.
- Jill Elyse Lewin, of Columbia, Md.; B.S. University of Maryland, 1977. Education.
- Jean Ann Lewis, of Baltimore, Md.; B.S. Indiana University, 1972. Education.
- Marlene Yeckley Lieb, of Joppa, Md.; B.A. Bowling Green State University, 1971. Education.
- Hsin-Li Lin, of Silver Spring, Md.; Ph.D. University of Texas, 1980. Computer Science.
- Kellvin Yeou-Chen Lin, of Germantown, Md.; M.S. College of William & Mary, 1974. Electrical Engineering.
- Peter Robert Litchka, of Hampstead, Md.; B.A. State University College of New York, 1972. Education.
- Stuart Elliott Littman, of Baltimore, Md.; B.S. Capitol Institute of Technology, 1980. Electrical Engineering.
- Janet Schapiro London, of Reisterstown, Md.; B.A. Washington University, 1976. Education.
- Valerie T. Low, of Arlington; Va.; M.Ed. University of Maryland, 1973. Education.
- Patrick Henry Loy, of Baltimore, Md.; B.S. University of Oregon, 1966. Computer Science.
- Karen Kokoski Lucci, of Woodbridge, Va.; B.A. St. Francis College, 1978. Computer Science.
- Michael David Luke, of Severn, Md.; B.S. University of Maryland, 1975. Computer Science.
- Mary Lou Lynch, of Columbia, Md.; B.A. Glassboro State College, 1975. Education.
- Linda Moran Main, of Frederick, Md.; B.A. Hood College, 1974. Education.
- Leonard John Mancini, of Baltimore, Md.; B.S. Towson State University, 1976. Education.
- Kenneth Lloyd Mann, of Beltsville, Md.; B.S. Howard University, 1960. Computer Science.

- Paul Michael Masciarelli, of Columbia, Md.; B.S. University of Notre Dame, 1980. Computer Science.
- William Perry McBee, of Laurel, Md.; B.S. University of Oklahoma, 1977. Computer Science.
- Joan Naeny McCall, of Cockeysville, Md.; B.S. University of Delaware, 1979. Education.
- David Bruce McClellan, of Baltimore, Md.; B.A. Drew University, 1970. Computer Science.
- Thomas Carleton McDaniels, of Washington, D.C.; M.A. George Washington University, 1971. Education.
- Denise Irene McDermitt, of Baltimore, Md.; B.S. University of Delaware, 1978. Education.
- Susan Elizabeth McDermott, of Ellicott City, Md.; B.A. Salisbury State College, 1980. Applied Behavioral Science.
- Colleen Dawn Miller, of Germantown, Md.; B.S. University of Wisconsin, 1979. Education.
- Teresa Lynn McGovern, of Glen Burnie, Md.; B.A. University of Maryland, Baltimore County, 1980. Numerical Science.
- Bonnie Ann McGrady, of Baltimore, Md.; B.A. Clark University, 1976. Computer Science.
- Lynn Marie McGraw, of Upper Marlboro, Md.; B.S. University of Scranton, 1978. Education.
- Darrell Bruce McIndoe, of Silver Spring, Md.; B.S. Allegheny College, 1979. Computer Science.
- Nancy D. McIndoe, of Manchester, Pa.; B.S. Pennsylvania State University, 1974. Education.
- Karen Cavanaugh McKenney, of Baltimore, Md.; B.A. University of Maryland, 1972. Education.
- Bruce Clifford McMillin, of Joppa, Md.; B.S. Ursinus College, 1976; B.S. Temple University, 1978. Environmental Engineering.
- George Darnell McNeal, of Arnold, Md.; B.S. Knoxville College, 1975. Numerical Science.
- Kay Lynn Timko Meade, of Milford, Del.; B.A. University of Delaware, 1977; B.M., 1977. Education.
- Joan Cecelia Meagher, of Phoenix, Md.; B.S. Towson State College, 1971; M.Ed., 1974. Education.
- James B. Merritt, of College Park, Md.; B.S. Madison College, 1976. Computer Science.
- Marilyn Pettit Meyer, of Baltimore, Md.; B.A. Columbia University, 1955. Education.
- Colleen Dawn Miller, of Germantown, Md.; B.S. Elizabethtown College, 1977. Computer Science.
- Jill Katz Miller, of Timonium, Md.; B.S. Northwestern University, 1977. Education.
- Margie Lee Miller, of Baltimore, Md.; B.S. University of Maryland, 1976. Education.
- Regina Teresa Miller, of Baltimore, Md.; B.S. Towson State University, 1977. Education.
- Thomas Preston Miller, Jr., of Glen Burnie, Md.; B.S. Towson State University, 1958. Education.
- Lola Lott Minor, of Joppa, Md.; B.A. Stetson University, 1969. Education.
- Keith Phillip Mitchell, of Baltimore, Md.; B.S.E. The Johns Hopkins University, 1978. Computer Science.
- Melinda R. Rigger Mogowski, of Baltimore, Md.; B.A. Randolph-Macon College, 1977. Education.
- John Chrystor Moody, Jr., of Laurel, Md.; B.S.E.E. University of Maryland, 1979. Electrical Engineering.
- Arthur A. Moorshead, Jr., of Baltimore, Md.; B.E.E. University of Delaware, 1976. Computer Science.
- Roderick Maurice Moragne EI, of Baltimore, Md.; B.A. Morgan State University, 1969. Education.
- Rhonda Lee Moreland, of Columbia, Md.; B.S. Bridgewater College, 1980. Education.
- Paula M. Mroz, of Baltimore, Md.; B.A. University of Baltimore, 1978. Applied Behavioral Science.
- Edward Francis Muldoon, of Felton, Pa.; B.S. Central Michigan University, 1970. Computer Science.
- Robert Lee Mullen, of Annapolis, Md.; B.S.E. University of South Florida, 1974. Electrical Engineering.
- Michael Francis Murphy, of Fort Meade, Md.; B.S.E. University of Texas, 1979. Computer Science.
- Steven Allen Murphy, of Fort Meade, Md.; B.E.E. University of Minnesota, 1980. Electrical Engineering.
- Peter Jeffrey Naron, of Baltimore, Md.; B.A. University of Maryland, 1974. Applied Behavioral Science.
- Charles Edward Nason, of Linwood, Md.; B.S. Loyola College, 1958. Applied Behavioral Science.
- Michael Phillip Naumann, of Baltimore, Md.; B.S. Towson State University, 1979. Applied Behavioral Science.
- Marcia Anne Nawrot, of Baltimore, Md.; B.S.N. University of Maryland, 1973. Education.
- Kathy Lou Neiman, of York, Pa.; B.S. Indiana University of Pennsylvania, 1973. Education.
- Gary Robert Nemeth, of Abingdon, Md.; B.S. University of Kansas, 1973. Environmental Engineering.
- Leon Neufeld, of Baltimore, Md.; B.S. The Johns Hopkins University, 1976. Computer Science.
- Esther Berlin Newman, of Rockville, Md.; B.A. Antioch College, 1978. Applied Behavioral Science.
- Melanie Lee Nolan, of Joppatowne, Md.; B.S. New York State University College, 1978. Education.
- William Edward Nolan, Jr., of Frederick, Md.; B.S.E.E. University of Maryland, 1976. Electrical Engineering.

- Richard Joseph Norkunas, of Boonsboro, Md.; M.Ed. Coppin State College, 1972. Education.
- Peter F. Norlin, of Baltimore, Md.; Ph.D. Northwestern University, 1976. Applied Behavioral Science.
- Cynthia Ann Norman, of Randallstown, Md.; B.S.N. University of Maryland, 1978. Education.
- Julia Lee O'Connell, of Baltimore, Md.; B.A.E. University of Florida, 1970. Education.
- John James O'Hara, of Baltimore, Md.; B.S. Lehigh University, 1973. Environmental Engineering.
- Christine Mary O'Kane, of Baltimore, Md.; B.A. University of Maryland, 1976. Education.
- Patrick Joseph O'Neill, of Bel Air, Md.; B.A. Loyola College, 1979. Computer Science.
- Dale Anderson Olson, of Woodstock, Md.; B.S. Lehigh University, 1970. Computer Science.
- Timothy Orman, of Columbia, Md.; B.S.E.E. University of Pittsburgh, 1978. Computer Science.
- Rosemarna Sepanik Pajerski, of Silver Spring, Md.; B.A. University of South Florida, 1973. Computer Science.
- Osborne C. Parchment, of Silver Spring, Md.; Ph.D. University of Maryland, 1975. Computer Science.
- David James Parker, of Annandale, Va.; B.A. University of Montana, 1957. Computer Science.
- Michael Edward Paul, of Edgewood, Md.; B.S. Towson State College, 1976. Education.
- Debra Mary Perkoski, of Rockville, Md.; B.S. Towson State University, 1978. Education.
- Roslyn Abramson Peterkofsky, of Columbia, Md.; B.S. Long Island University, 1963. Education.
- Julie Ann Peterson, of Baltimore, Md.; B.A. Western Washington University, 1978. Education.
- Michele Lynn Petko, of Baltimore, Md.; B.S. University of Richmond, 1977. Computer Science.
- Janine Marie Pickard, of Darlington, Md.; B.A. Seton Hill College, 1967. Education.
- Norma Theo Pinette, of Baltimore, Md.; B.A. Mount Holyoke College, 1971. Applied Behavioral Science.
- Audrey Cecelia Pitt, of Baltimore, Md.; B.A. University of Maryland, Baltimore County, 1978. Urban Planning.
- John Francis Poirier, of Baltimore, Md.; B.S.E.E. Southeastern Massachusetts University, 1978. Computer Science.
- Paula Marlene Porter-Blair, of Baltimore, Md.; B.A. University of Maryland, 1977. Education.
- Abby Portney, of Washington, D.C.; B.A. George Washington University, 1973. Education.
- Janice Chanin Posner, of Baltimore, Md.; B.A. State University of New York, 1976. Education.
- Jennifer Joan Powell, of Baltimore, Md.; B.S. Slippery Rock State College, 1973. Applied Behavioral Science.
- Stephen C. Priest, of Kensington, Md.; M.A. Oakland University, 1968. Computer Science.
- Timothy John Pugh, Jr., of Laurel, Md.; B.S. University of Maryland, 1979. Computer Science.
- Linda Logsdon Putsche, of Linthicum, Md.; B.A. University of Baltimore, 1980. Education.
- Joseph Emmett Queen, of Baltimore, Md.; B.S. Loyola College, 1976. Computer Science.
- Donald Wilcox Rahmlow, of Baltimore, Md.; B.S.S. Princeton University, 1975. Computer Science.
- Ann Plevyak Raiford, of Norfolk, Va.; B.S. Old Dominion University, 1978. Education.
- Richard Carl Randt, of Ellicott City, Md.; B.E.E. Pratt Institute, 1958. Computer Science.
- Susan Ann Rapoport, of Baltimore, Md.; B.A. Franklin and Marshall College, 1979. Education.
- Chestine McGlone Ray, of Glen Burnie, Md.; B.S. Morgan State College, 1958. Education.
- Lee Ellen Reid, of Glen Arm, Md.; B.S. Towson State University, 1982. Education.
- Robert Eugene Reifsnider, of Frederick, Md.; B.S. University of Maryland, 1979. Computer Science.
- Katherine Reppa, of Columbia, Md.; B.S. Bucknell University, 1970. Education.
- Judith Ann Rice, of Columbia, Md.; B.D. State University College of New York, 1960. Education.
- Judith Ann Richardson, of Randallstown, Md.; B.A. University of Maryland, Baltimore County, 1979. Education.
- George Joseph Riding, of Spotsylvania, Va.; B.S. Mary Washington College, 1979. Computer Science.
- Jack Howard Rieser, of Walkerville, Md.; B.S.E.E. University of Cincinnati, 1975. Electrical Engineering.
- David Carl Ringler, of Annapolis, Md.; B.S. Pennsylvania State University, 1976. Education.
- Carl Robbins, of Baltimore, Md.; B.A. Brown University, 1975. Education.
- David Stanley Roberts, of Towson, Md.; B.A. The Johns Hopkins University, 1981. Education.
- Mary Adeline Kisee Robertson, of Germantown, Md.; B.S. Wittenburg University, 1955. Applied Behavioral Science.
- Deborah Ann Robl, of Baltimore, Md.; B.S. Frostburg State College, 1977. Education.

- Jeffrey Charles Rohrbeck, of Columbia, Md.; B.S. Pennsylvania State University, 1981. Computer Science.
- Phyllis Zilber Rosen, of Garrison, Md.; B.S. University of Maryland, 1977. Computer Science.
- Barbara Morrison Rosenberg, of Baltimore, Md.; B.S. Towson State University, 1973. Education.
- Jason P. Roth, of Columbia, Md.; B.S. University of Maryland, 1979. Urban Planning.
- Ina Lynn Rotkowitz, of Baltimore, Md.; B.A. University of Maryland, 1975. Applied Behavioral Science.
- Judith Elaine Roy, of Hedgesville, W.Va.; B.S. Mount St. Mary's College, 1979. Education.
- Patricia Flax Rudie, of Baltimore, Md.; B.S. Towson State University, 1960. Education.
- Jean Marie Ruggles, of Annapolis, Md.; B.S. University of Maryland, 1973. Education.
- Kimberly Schwinn Ruppertsberger, of Baltimore, Md.; B.S. University of Maryland, 1979. Education.
- Linda Susan Russell, of Baltimore, Md.; B.S. Teeside Polytechnic, England, 1979. Computer Science.
- Rosalie Jean Russell, of Baltimore, Md.; B.S. The Johns Hopkins University, 1980. Education.
- Marc Paul Saltzman, of Baltimore, Md.; B.S. University of Minnesota, 1969; B.S. The Johns Hopkins University, 1979. Applied Physics.
- Kay Beverly Sammons, of Columbia, Md.; M.Ed. University of Maryland, 1976. Education.
- Elizabeth Dailey Saulsbury, of Damascus, Md.; B.S. University of Maryland, 1980. Education.
- Crystal Delores Sayles, of Washington, D.C.; B.S. Boston University, 1978. Electrical Engineering.
- Michael Paul Scheidt, of Annapolis, Md.; B.S. Wright State College, 1970; B.S. University of South Carolina, 1977. Electrical Engineering.
- Paul Wheatley Schmitt, of Riverdale, Md.; B.S. Loyola College, 1970; M.S. The Johns Hopkins University, 1978. Electrical Engineering.
- Dan Ray Schoenberger, of Burtonsville, Md.; B.A. University of Colorado, 1977. Applied Physics.
- Karen Schreiber, of Laurel, Md.; B.S.E. University of Michigan, 1980. Numerical Science.
- Ludwig Erwin Schuster, of Phoenix, Md.; B.E.S. The Johns Hopkins University, 1960; M.S., 1970. Applied Physics.
- Anne Leslie Sealfon, of Columbia, Md.; B.S. University of Maryland, 1979. Education.
- Steven Leon Secrest, of Columbia, Md.; B.S. Frostburg State College, 1971. Education.
- William David Sefton, of Greenbelt, Md.; B.S.E. Michigan State University, 1979. Electrical Engineering.
- David John Segal, of Monrovia, Md.; B.S. Pennsylvania State University, 1974. Computer Science.
- Norman Israel Seidelman, of Columbia, Md.; M.S. New York University, 1972. Computer Science.
- Daniel Leo Seitz of Millersville, Md.; B.S.E.E. Bradley University, 1973. Electrical Engineering.
- Martha Waterstradt Serensits, of New Carrollton, Md.; B.A. University of Maryland, 1976. Education.
- Steven Lee Shadel, of Laurel, Md.; B.A. Shippensburg State College 1979. Computer Science.
- Linda S. Shafer, of Baltimore, Md.; B.S. Towson State College, 1967. Education.
- Richard George Shelton, of Columbia, Md.; B.S. Pennsylvania State University 1979. Computer Science.
- Rena Anne Shenk, of Randallstown, Md.; B.A. University of Maryland, 1963. Education.
- Alva Atkinson Sheppard of Arnold, Md.; B.A. Virginia State College, 1966. Education.
- Donna Marie Shinnick, of Baltimore, Md.; B.S. Coppin State College, 1975. Education.
- Janice Lynn Siersma, of Severn, Md.; B.S. Auburn University, 1979. Computer Science.
- Judith Ann Sikorski, of Baltimore, Md.; B.A. Towson State University, 1973. Urban Planning.
- Gloria Manko Silverberg, of Farmington Hills, Mich.; B.S. University of Virginia, 1978. Education.
- David Joel Silverman, of Baltimore, Md.; B.T.L. Ner Israel Rabbinical College, 1978. Education.
- Donald Norman Simard, of Severn, Md.; B.A. American International College, 1979. Computer Science.
- Stanley Frank Simmonds, of Baltimore, Md.; B.A. University of Maryland, 1973. Education.
- Cheryl Rae Skolnick, of Baltimore, Md.; B.A. Columbia University, 1978; B.H.L. Jewish Theological Seminary, 1978. Education.
- Sharon Julien Slater, of Baltimore, Md.; B.S. Maryland College, 1974. Education.
- Gail Mary Sluss, of Somerset, Mass.; B.S.N. University of Lowell, 1975. Education.
- John Elwood Smetzer, of Smithsburg, Md.; M.S. Utah State University, 1973. Education.
- Craig Alan Smith, of Columbia, Md.; B.S. University of Wisconsin, 1978. Numerical Science.
- Sheila Dixon Smith, of Baltimore, Md.; B.A. Towson State University, 1976. Education.

- Wayne Elton Smith, Jr., of Columbia, Md.; M.S. University of Maryland, 1973. Electrical Engineering.
- Christopher Charles Smyth, of Baltimore, Md.; B.S. Massachusetts Institute of Technology, 1961; M.S. The Johns Hopkins University, 1973. Electrical Engineering.
- Athena Maria Snowden, of Hedgesville, W.Va.; B.A. University of Maryland, 1975. Education.
- L. Christine Snyder, of York, Pa.; B.A. Thiel College, 1970. Education.
- Douglas Ralph Southard, of Blacksburg, Va.; B.S. The Johns Hopkins University, 1978. Education.
- Susan Hamilton Spencer, of Bel Air, Md.; B.S. Towson State University, 1977. Education.
- Wilbur Lee Spencer, of Baltimore, Md.; B.S. Coppin State College, 1977. Education.
- Richard Henry Sternagle, of Ellicott City, Md.; B.E. Youngstown State University, 1981. Computer Science.
- Jeffrey Noel Stevens, of Sykesville, Md.; B.A. Towson State University, 1971. Computer Science.
- Joan Louise Stine, of Ellicott City, Md.; M.H.S. The Johns Hopkins University, 1974. Education.
- Rosalie Frances Streett, of Baltimore, Md.; B.S. Towson State College, 1961. Education.
- Lorrie J. M. Sullebarger, of Baltimore, Md.; B.A. Dartmouth College, 1979. Education.
- Deborah Shields Swinson, of Catonsville, Md.; B.S. Frostburg State College, 1976. Education.
- Steven L. Swisher, of Boonsboro, Md.; M.Ed. Western Maryland College, 1976. Education.
- Stanley Craig Taborsky, of Baltimore, Md.; B.S.E. Duke University, 1976. Electrical Engineering.
- Kim Marie Talarigo, of Columbia, Md.; B.S. Towson State University, 1978. Education.
- Burton Harris Tapper, of Columbia, Md.; B.A. University of Maryland, 1971. Applied Behavioral Science.
- Hilary Tatem, of Annapolis, Md.; B.A. Lehigh University, 1976. Urban Planning.
- Sheryl Denise Taylor, of Baltimore, Md.; B.A. American University, 1979. Applied Behavioral Science.
- April Adele Tayman, of Ellicott City, Md.; B.A. Northeastern Illinois University, 1973. Education.
- Monica Christine Thomas, of Columbia, Md.; B.A. University of Maryland, 1974. Computer Science.
- Abigail Marie Thompson, of Severn, Md.; B.S. Vanderbilt University, 1978. Computer Science.
- Janis Almira Medders Thompson, of Baltimore, Md.; B.A. Juniata College, 1973. Education.
- Barbara Jo Toland, of Columbia, Md.; B.A. University of Colorado, 1976. Computer Science.
- Monica Doerr Traystman, of Baltimore, Md.; B.A. St. Andrew's Presbyterian College, 1966. Education.
- Shu-Chen Chang Tsai, of Rockville, Md.; B.B. Fu-Jen Catholic University, 1971. Computer Science.
- Constance Chilis Tsakiris, of Baltimore, Md.; B.A. Goucher College, 1973. Education.
- Gordon William Twaddell, of Glen Burnie, Md.; B.S. Worcester Polytechnic Institute, 1980. Computer Science.
- Larry Roger Tyssens, of Baltimore, Md.; B.S. Frostburg State College, 1971; B.S. Brigham Young University, 1976. Urban Planning.
- Joan Marie Brophy Ulrich, of Glen Burnie, Md.; B.S. Fitchburg State College, 1971. Education.
- Anthony Paul Underwood, of Fort Meade, Md.; M.A. Samford University, 1980. Education.
- Marilyn Ruth Van Hoozer, of Herndon, Va.; B.S. Virginia Polytechnic Institute, 1970. Computer Science.
- Robert Michael Vukovich, of Odenton, Md.; B.S.E. University of Michigan, 1969. Electrical Engineering.
- Marcia Dorfman Wagner, of Randallstown, Md.; B.S. University of Cincinnati, 1966. Urban Planning.
- Rosemary Smiraglia Walbert, of Baltimore, Md.; B.S. Towson State University, 1975. Education.
- David Lee Walker, of Glen Burnie, Md.; B.S. Virginia Polytechnic Institute, 1977. Computer Science.
- Joseph Anchi Wang, of Silver Spring, Md.; M.S. North Carolina State University, 1980. Computer Science.
- Laura Elizabeth Warfield, of Baltimore, Md.; B.A. Goucher College, 1980. Education.
- Sharon Denise Turpin Washington, of Silver Spring, Md.; B.A. University of Massachusetts, 1978. Education.
- Cheryl Fredrina Watson, of Baltimore, Md.; B.S. North Carolina Agricultural and Technical State University, 1978. Computer Science.
- Jill Kay Weinstein, of Baltimore, Md.; B.A. University of Maryland, 1976. Education.
- Moirá Weldon, of Knoxville, Md.; B.S. Pennsylvania State University, 1975. Education.
- William Harry Wells, of Randallstown, Md.; B.A. University of Maryland, 1974; M.S. The Johns Hopkins University, 1978. Computer Science.
- Martinus Estee Westray, of Baltimore, Md.; B.S. Morgan State University, 1975. Education.
- Ann Brady Whalen, of Baltimore, Md.; B.S. Georgetown University, 1971. Urban Planning.

- Deborah Jean Whatley, of Baltimore, Md.; B.S. University of Maryland, 1973. Education.
- Bernard Edgar White, of Baltimore, Md.; B.A. University of Maryland, 1963. Education.
- William Russell Whitman, of Laurel, Md.; B.A. University of Virginia, 1978. Computer Science.
- Charles Philip Wildermann, of Gambrills, Md.; B.A. Old Dominion University, 1973. Computer Science.
- Garnetta Kay Wilker, of Havre de Grace, Md.; B.A. Towson State University, 1975. Education.
- Donald Earl Wineberg, of Ellicott City, Md.; B.S.E. The Johns Hopkins University, 1968. Computer Science.
- Margaret Louise Wise, of Glen Burnie, Md.; B.S. Coppin State College, 1974. Education.
- Marguerite Jackson Wood, of Baltimore, Md.; B.A. Morgan State College, 1958. Education.
- Ives Jan-Fan Wu, of Hyattsville, Md.; B.E. Chung Yuan Christian College, 1973; M.S. New Jersey Institute of Technology, 1980. Numerical Science.
- Karen Lea Wyatt, of Baltimore, Md.; B.A. Towson State University, 1976. Education.
- Roberta Lu Yacko, of Georgetown, Del.; B.M.E. University of Kansas, 1979. Education.
- Mary Frances Yano, of Silver Spring, Md.; B.S. University of Washington, 1971. Computer Science.
- Edward Thomas York, of Hagerstown, Md.; M.S. Hofstra University, 1977. Education.
- Janet Mary Zamostny, of Baltimore, Md.; B.S. Towson State University, 1975. Education.
- Jean Emily Zamostny, of Baltimore, Md.; B.S. Towson State University, 1975. Urban Planning.
- Thomas Joseph Zeller, of Baltimore, Md.; B.S. Towson State University, 1974. Computer Science.
- Virginia Mitchell Zeller, of Baltimore, Md.; B.S. University of State of New York, 1982. Applied Behavioral Science.
- Kathleen Lois Powers Zimmerman, of Baltimore, Md.; B.S. Towson State University, 1965. Computer Science.

MASTERS OF EDUCATION

in The Evening College

- Paulette LaVerne Burgess, of Baltimore, Md.; B.S. Coppin State College, 1976.
- Charles J. Burke, of Baltimore, Md.; B.S. Loyola College, 1959.
- Mary Alice Denbow, of Baltimore, Md.; B.S. Kent State University, 1974.
- William Louis Jenkins, of Columbia, Md.; B.S. Towson State University, 1976.
- Kenneth Bruce Levine, of Baltimore, Md.; B.A. University of Maryland, 1976.
- Linda Jane McCusker, of Ellicott City, Md.; B.A. University of Baltimore, 1976.
- Judy Ann Muskauski of Baltimore, Md.; B.S. Bloomsburg State College, 1975.
- Matanatip Pijitkadipol Pratumnrat, of Baltimore, Md.; B.A. Prince of Songkla University, Thailand, 1972.
- Regina Burnette Sewell, of Baltimore, Md.; B.S. Coppin State College, 1973.
- Pamela Berish Venet, of Columbia, Md.; B.S. University of Pittsburgh, 1967.

MASTERS OF LIBERAL ARTS

in The Evening College

- John Francis Andrulewicz, of Upperco, Md.; B.S. Loyola College, 1968.
- Lisa Basarab, of Baltimore, Md.; B.A. University of Maryland, 1978.
- Richard Woolford Bayly, of Baltimore, Md.; B.S. Western Maryland College, 1975.
- Carol Lee Belkin, of Baltimore, Md.; B.A. Vassar College, 1979.
- Beverly Hurd Betz, of Baltimore, Md.; B.S. Towson State University, 1973.
- Alice Ruth Johnson Brainerd, of Baltimore, Md.; B.A. Goucher College, 1970.
- Phyllis K. Brill, of Timonium, Md.; B.A. Ohio Wesleyan University, 1971.
- Nancy JoAnne Broadwater, of Baltimore, Md.; B.A. Towson State University, 1976.
- Adele Rosh Bryzman, of Baltimore, Md.; B.S. Southern Connecticut State College, 1946.
- Mildred Kessler Caplan, of Baltimore, Md.; B.A. Goucher College, 1979.
- Kathryn Evans Creamer, of Timonium, Md.; B.A. St. Mary-of-the-Woods College, 1968.
- Edith DeYoung-Smith, of Bel Air, Md.; B.A. University of Maryland, 1968.
- Kim Marjorie Dilliplane, of Baltimore, Md.; B.A. Bloomsburg State College, 1978.
- Brenda M. Eicher, of Baltimore, Md.; B.S. Indiana University, 1976.
- Penny Gee Ericksen, of Annapolis, Md.; B.A. Keuka College, 1974.
- Linda Marie Flaherty, of Baltimore, Md.; A.A. Community College of Baltimore, 1969; B.A. Mount St. Agnes College, 1971.
- Charlotte Elaine Gettes, of Baltimore, Md.; M.L.S. University of Maryland, 1976.
- Carol Elizabeth Gross, of Baltimore, Md.; B.A. Towson State University, 1972.
- Diane K. Harvey, of Baltimore, Md.; M.L.S. Rutgers University, 1975.
- David Allen Hemenway, of Baltimore, Md.; B.A. State University of New York, 1976.
- Dorothy Joab Hettleman, of Baltimore, Md.; B.A. Hunter College, 1947; M.Ed. The Johns Hopkins University, 1972; C.A.S., 1978.
- Eugene Hettleman, of Baltimore, Md.; LL.M. University of Baltimore, 1948.
- Cheryl Ann Hinds, of Baltimore, Md.; B.A. The Johns Hopkins University, 1976.
- Robert West Hughes, of Baltimore, Md.; B.A. University of Chicago, 1938; B.A. Towson State University, 1979.
- Frances Rudolph Hurwitz, of Newark, Del.; B.A. Goucher College, 1950.
- Amor Lee Immler, of Baltimore, Md.; B.A. University of Maryland, 1975.
- Mary Louise Kenney, of Baltimore, Md.; B.A. Goucher College, 1976.
- Edward Burton Klingler, of Timonium, Md.; B.A. Texas Lutheran College, 1954.
- Caroline MacRae Lamb, of Baltimore, Md.; B.A. University of Maryland, 1975.
- Joseph Albert Lochary, Jr., of Baltimore, Md.; B.S. Loyola College, 1969.
- Robert Louis McGill, Jr., of Glen Arm, Md.; B.E.S. The Johns Hopkins University, 1962.
- Joseph Arthur McGovern, of Wilmington, Del.; M.Div. St. Mary's Seminary and University, 1978.
- Janice Carol Miles, of Baltimore, Md.; B.A. Lebanon Valley College, 1975.
- Ellen Jacobs Mugmon, of Columbia, Md.; B.A. Douglass College, 1971.
- Robert Harold Neuman, of Bethesda, Md.; B.A. University of Maryland, 1972.
- Eugene Michael O'Hara, of Reisterstown, Md.; B.S. University of Baltimore, 1975; M.S., 1978.
- Cynthia Shiner Padgett, of Baltimore, Md.; B.A. Goucher College, 1972.

- Norman Dennis Pospisil, of Bel Air, Md.; B.F.A. Maryland Institute, 1973.
- Mary Elizabeth Pratt, of York, Pa.; B.A. Washington College, 1958.
- Ann Finley Rouch, of Baltimore, Md.; B.S. Towson State University, 1977.
- James I. Scofield, Jr., of Baltimore, Md.; B.S. Coppin State College, 1980.
- Barbara Jean Selwocki, of Glen Burnie, Md.; B.S. Bloomsburg State College, 1977.
- Elizabeth Zane Sherman, of Reisterstown, Md.; B.S. Pennsylvania State University, 1961.
- Robert Silva, of Baltimore, Md.; B.S. The Johns Hopkins University, 1974.
- Richard M. Siskind, of Baltimore, Md.; B.A. University of Maryland, 1972.
- Irma Ainscow Slaughter, of Severna Park, Md.; B.A. University of Maryland, Baltimore County, 1971.
- Allan Ernest Starkey, of Baltimore, Md.; M.S. Morgan State University, 1972.
- Barbara Jean Stewart, of Baltimore, Md.; B.S. University of Maryland, 1978.
- Charles John Stine, of Ellicott City, Md.; D.D.S. University of Maryland, 1950.
- Sandra Yakel Thomas, of Bel Air, Md.; B.A. Towson State University, 1978.
- Carol Ann Thornburg, of Glen Burnie, Md.; B.S. Bloomsburg State College, 1976.
- Debbie Berkowitz Turner, of Baltimore, Md.; B.A. Towson State University, 1978.
- Roland Neil Turner, of Glen Burnie, Md.; B.A. Florida Atlantic University, 1967.
- Gertrude Kittelt Warth, of Baltimore, Md.; B.A. Towson State University, 1967.
- Lyn Marie Watner, of Baltimore, Md.; B.A. Drew University, 1972.
- David George Widman, of Baltimore, Md.; B.S. Loyola College, 1974.
- Catherine Ann Hecht Young, of Baltimore, Md.; B.M. American University, 1976.

MASTERS OF ADMINISTRATIVE SCIENCE in The Evening College

- Howard Burgess Allen, of Baltimore, Md.; B.S. Shepherd College, 1976.
- Deborah Emily Anbinder, of Randallstown, Md.; B.A. Frostburg State College, 1975.
- Lisa Ann Herrmann Aszklar, of Tacoma, Wash.; B.A. Towson State University, 1979.
- Leslie Ann Bain, of Baltimore, Md.; B.S. James Madison University, 1980.
- Daniel Leslie Baker, of Lutherville, Md.; B.S.E.E. University of Maryland, 1972.
- Marta Ann Beaner, of Baltimore, Md.; B.A. Frostburg State College, 1972.
- Kevin Graham Becker, of Millers, Md.; B.S. Emory University, 1978.
- Marianne Schuck Becker, of Baltimore, Md.; B.A. College of Notre Dame of Maryland, 1978.
- Richard Thomas Bianchi, Jr., of Columbia, Md.; B.S. Syracuse University, 1979.
- Anne C. Blakeslee, of Towson, Md.; B.S. The Johns Hopkins University, 1981.
- James Laird Blose, of Severna Park, Md.; M.P.A. University of Baltimore, 1979.
- Patricia Anne Boisvert, of Columbia, Md.; B.M. University of Rhode Island, 1977.
- John Raymond Bovich, of Silver Spring, Md.; B.S.B.A. Boston University, 1979.
- Sondra Matisoff Brafmann, of Baltimore, Md.; B.S. Towson State University, 1965.
- Darlene Victoria Bragg, of Baltimore, Md.; B.A. University of Maryland, 1972.
- Thomas Edward Bricker, of Laurel, Md.; B.S. Case Institute of Technology, 1965.
- Michael Thomas Brown, of Kerrville, Texas; B.S. Loyola College, 1976.
- Grace Angelia Bruno, of Baltimore, Md.; M.S. Southern Illinois University, 1973.
- Kathleen Ann Bruns, of Baltimore, Md.; B.A. Goucher College, 1979.
- Karen Mandwelle Caplan, of Baltimore, Md.; B.A. State University of New York, 1974.

- Lacena Rustin Carson, of Baltimore, Md.; B.A. Yale University, 1975.
- Arthur Anthony Ciarkowski, of Columbia, Md.; M.S.E. University of Michigan, 1974.
- Mark Timothy Coffin, of Columbia, Md.; B.S. Towson State University, 1978.
- James Francis Coleman, of Reisterstown, Md.; B.A. St. Leo's College, 1977.
- Jack Michael Compton, of Baltimore, Md.; M.S. Towson State University, 1978.
- Julie Anne Concordia, of Baltimore, Md.; B.S. Assumption College, 1981.
- David William Conn, of Laurel, Md.; M.S. University of Colorado, 1965.
- Bonnie Lambert Cooper, of Westminster, Md.; B.S. Towson State University, 1981.
- Steven Bruce Coppage, of Baltimore, Md.; B.A. Loyola College, 1979.
- Michael Steven Craig, of Clarksville, Md.; B.S. Rutgers University, 1975.
- Charles Frank Culclasure, of Fort Meade, Md.; B.S. United States Military Academy, 1973.
- Daniel McDowell Davis III, of Glenwood, Md.; B.S. Cornell University, 1966.
- George Donald Decker, of Columbia, Md.; B.S. Towson State University, 1976.
- Rajendra Kumar Dheer, of Columbia, Md.; M.S. Carnegie-Mellon University, 1968.
- Lawrence James Dorsch, of Baltimore, Md.; B.A. American University, 1979.
- Gary Sheldon Drake, of Newark, Del.; B.S. University of Maryland, 1976.
- David H. Ebaugh, of Baltimore, Md.; M.A. West Georgia College, 1975.
- Susan D. Ehrhart, of Cockeysville, Md.; B.S. Shippensburg State College, 1975.
- Danita Schmaus Eichenlaub, of Kingsville, Md.; B.A. The Johns Hopkins University, 1976.
- Jane Griffith Evans, of Laytonsville, Md.; B.S. University of Maryland, 1973.
- Ralph Leonard Felter, of Cockeysville, Md.; B.S. The Johns Hopkins University, 1978.
- Robert Lawrence Fingles, of Reisterstown, Md.; B.S. University of Maryland, 1978.
- Carolyn Hariton Fleming, of Timonium, Md.; B.A. Colgate University, 1972.
- Michael Grogan Fleming, of Columbia, Md.; B.S.E.E. Purdue University, 1968.
- Tziporah Fromberg, of Baltimore, Md.; B.A. Towson State University, 1976.
- Cecil W. Gibbons, Jr., of Baltimore, Md.; B.S. Towson State University, 1980.
- Randa Jean Gieser, of Baltimore, Md.; B.S. Towson State University, 1977.
- Garry Rockford Giles, of Pasadena, Md.; B.S. University of Tampa, 1979.
- Marvin A. Glawe, of Kensington, Md.; M.Ed. University of Maryland, 1980.
- Patricia Cohen Gold, of Baltimore, Md.; B.S. University of Maryland, 1966; M.Ed. Loyola College, 1970; C.A.S. The Johns Hopkins University, 1975; Ed.D., 1977; M.S., 1980.
- Anne Jeannine Goloway, of Clarksville, Md.; B.S. Virginia Polytechnic Institute, 1978.
- Salvatore John Grande, of Edgewood, Md.; B.S. St. Joseph's University, 1978.
- Robert Scott Greshever, of Columbia, Md.; M.L.S. University of Maryland, 1975.
- Alice Bayley Grow, of Baltimore, Md.; B.A. Colby College, 1965.
- Alberta Jeanette Smith Hamilton, of Columbia, Md.; B.S. Tennessee Polytechnic Institute, 1957.
- Brian Scott Harryman, of Annapolis, Md.; B.S. University of Southern California, 1976.
- James Richard Hecht, of Baltimore, Md.; B.S. University of Maryland, 1976.
- Marion Ann Hecht, of Baltimore, Md.; B.S. Marquette University, 1946.
- Cynthia Gale Hare Hecker, of Arlington, Va.; B.S. Radford College, 1979.
- Arthur Wolfgang Heigl, of Baltimore, Md.; M.L.A. The Johns Hopkins University, 1972; C.A.S., 1974.
- Norma Bishara Hishmeh, of Fulton, Md.; B.S. University of Maryland, 1977.
- Thomas Jerome Horan, of Randallstown, Md.; B.A. Villanova University, 1972.
- David John Hynson, of Ellicott City, Md.; B.A. Western Maryland College, 1978.
- James Edward Iciek, of Silver Spring, Md.; B.A. St. Norbert College, 1977.
- Barry Carl Jensen, of Laurel, Md.; B.S. University of Utah, 1966; M.S. The Johns Hopkins University, 1982.
- Marc Kimball Johnson, of Baltimore, Md.; B.S. University of Illinois, 1976.

- Miriam Silbert Joseph, of Baltimore, Md.; B.A. Radcliffe College, 1961; M.A.T. Harvard University, 1963.
- Dawn Stauffer Keene, of Baltimore, Md.; B.A. Goucher College, 1976.
- Russell Kempner, of Baltimore, Md.; M.P.A. University of Texas, 1977.
- William Edward Kerwin, Jr., of Ellicott City, Md.; B.G.S. University of Maryland, 1980.
- Harry Joseph Kingerski, of Baltimore, Md.; B.S. University of Pittsburgh, 1976.
- Phaedra Kolias, of Cockeysville, Md.; B.A. Goucher College, 1975.
- Evalyn T. Krongard, of Gaithersburg, Md.; B.A. Loyola College, 1972.
- Margaret Eiber Krush, of Baltimore, Md.; B.A. University of California, 1978.
- John Edward Lackay, of Glenwood, Md.; B.I.E. Georgia Institute of Technology, 1973.
- Linda Ruth Lansman, of Baltimore, Md.; B.S. University of Maryland, 1978.
- Beth Kahn Leaman, of Cockeysville, Md.; B.A. Washington College, 1973; B.S. Towson State University, 1979.
- Londa Sue Yee Lee, of Baltimore, Md.; B.S. University of Maryland, 1974; M.S. The Johns Hopkins University, 1977.
- Barbara Joanne Raley Lowy, of Towson, Md.; B.S. The Johns Hopkins University, 1980.
- Stephen Patrick Mackin, Jr., of Columbia, Md.; B.A. University of Pittsburgh, 1975.
- Raj Kamal Malhotra, of Columbia, Md.; B.S.E. Southern Illinois University, 1974.
- Brenda Weil Mandel, of Owings Mills, Md.; B.A. University of Maryland, 1978.
- Frank Charles Mannone, of Baltimore, Md.; B.S. The Johns Hopkins University, 1980.
- Nicholas James Markakis, of Baltimore, Md.; B.A. American University, 1976.
- Mary Paula Markley, of Baltimore, Md.; B.A. Western Maryland College, 1980.
- Christine Simone Marks, of Wilmington, Del.; B.S. University of Maryland, 1980.
- Edgar Allen Martindale III, of Baltimore, Md.; B.S. University of Baltimore, 1976.
- Chester Morley Mauk, of Baltimore, Md.; B.A. University of Maryland, 1977.
- Paul Petro Mavromihalis, of Baltimore, Md.; B.A. University of Maryland, 1979.
- Ruth-Anne Merr Mazer, of Baltimore, Md.; B.A. University of Virginia, 1979.
- Shirley McAllister, of Columbia, Md.; B.A. University of Maryland, 1976.
- Deborah Lea McCaslin, of Towson, Md.; B.S. Drexel University, 1976.
- Sarane Catherine Jurinske McHugh, of Glencoe, Md.; B.A. Goucher College, 1957; M.S. The Johns Hopkins University, 1979.
- Terry L. McNair, of Columbia, Md.; B.A. Baylor University, 1973.
- Rosario Calica Medina, of Baltimore, Md.; B.S.N. University of the Philippines, 1973.
- Barbara Lynn Miller, of Bel Air, Md.; B.J. University of Maryland, 1977.
- Linda Corinne Mistler, of Baltimore, Md.; B.S. Towson State University, 1978.
- Julia Ann Moody, of Baltimore, Md.; B.S. The Johns Hopkins University, 1981.
- Hani Georges Nakhle, of Baltimore, Md.; B.A. New England College, 1979.
- Myrlin Oboza Navarro, of Baltimore, Md.; B.S.N. St. Paul College, The Philippines, 1972.
- Nhac Nguyen, of McLean, Va.; B.S. Virginia Polytechnic Institute, 1979.
- Robin Seymour Nichols, of Baltimore, Md.; B.A. Towson State University, 1976.
- Nancy Siegal Niman, of Baltimore, Md.; B.S. Goucher College, 1971.
- Gary Thomas Nolan, of Bel Air, Md.; B.S. Niagara University, 1976.
- James Joseph O'Toole, of Baltimore, Md.; B.S. Towson State College, 1975.
- Mary Lou Olszewski, of Baltimore, Md.; A.A. Essex Community College, 1973; B.S. Towson State University, 1976.
- Donna Carol Clayton Optican, of Columbia, Md.; B.S. The Johns Hopkins University, 1980.
- Mary Louise Teresa Orth, of Baltimore, Md.; B.A. Mount St. Agnes College, 1971.
- Sharon Gail Paradise, of Reisterstown, Md.; B.S. University of Baltimore, 1979.
- David Jonathan Parsley, of Westminster, Md.; B.S.E. The Johns Hopkins University, 1976.
- James Edward Pelisek, of Baltimore, Md.; B.A. University of Maryland, 1979.

- Christopher Johnston Pennington, of Baltimore, Md.; M.S. Tulane University, 1966.
- Lyman Peters, Jr., of York, Pa.; B.A. Pennsylvania State University, 1975.
- Frank Myers Powell, of Millersville, Md.; B.S. University of Southern Mississippi, 1966; M.S. University of Arizona, 1970.
- Mary Susan Prescott, of Baltimore, Md.; B.A. Princeton University, 1980.
- Denise Jane Pryor, of Baltimore, Md.; B.A. Washington College, 1975.
- Mary Denise Quandt, of Baltimore, Md.; B.A. Loyola College, 1980.
- Beryl Stephanie Queen, of Baltimore, Md.; B.A. University of Maryland, 1975.
- Robert Louis Reuter, of Baltimore, Md.; B.A. University of Baltimore, 1977.
- Russell Purnell Rich, of Baltimore, Md.; B.A. Hobart College, 1968.
- Richard Wayne Rochfort, of Baltimore, Md.; B.S. Towson State University, 1975.
- Stephen Damian Rochfort, of Baltimore, Md.; B.A. Loyola College, 1976.
- Carol Gail Rosenthal, of Randallstown, Md.; B.A. University of Maryland, 1973; M.S. The Johns Hopkins University, 1978.
- Mark Anthony Rosi, of Baltimore, Md.; B.S.M.E. University of Dayton, 1975.
- Peter E. Rothschild, of Baltimore, Md.; B.S. Boston University, 1979.
- James Ronald Rowe, of Ellicott City, Md.; B.E.E. University of Delaware, 1975.
- Angel Andres Ruiz, of Randallstown, Md.; B.E.T. University of Central Florida, 1978.
- Bennett Yarrow Ryan, Jr., of Damascus, Md.; M.S. American University, 1977.
- Barbara Kovalchick Sacks, of Baltimore, Md.; B.S. Towson State University, 1977.
- Brian Michael Salerno, of Columbia, Md.; B.S. Stonehill College, 1976.
- Craig Donald Saunders, of Baltimore, Md.; B.S. California State College, 1976.
- Cordelia Christine Schmertz, of Baltimore, Md.; B.A. The Johns Hopkins University, 1979.
- Patricia Jane Schoeberlein, of Baltimore, Md.; B.S. Towson State University, 1972; M.S. The Johns Hopkins University, 1979.
- Janice Ann Seglinski, of Fallston, Md.; B.S. University of Baltimore, 1979.
- Kenneth Mark Sidlovsky, of Cockeysville, Md.; B.S. Drexel University, 1978.
- William Philip Sisler, of Baltimore, Md.; Ph.D. The Johns Hopkins University, 1977.
- Connie L. Skwierz, of Towson, Md.; B.S. North Dakota State University, 1967.
- John Thomas Snell, of Columbia, Md.; B.S. University of Illinois, 1970.
- Edward Rae Steele, of Elmira, N.Y.; B.S. Elmira College, 1981.
- John Robert Steinberg, of Bethesda, Md.; B.A. Gettysburg College, 1979.
- Stephen Hays Stetler, of York, Pa.; M.D. Drew University, 1974.
- Mary Gill Stewart, of Baltimore, Md.; B.S. The Johns Hopkins University, 1982.
- Calvin Donnell Street, of Baltimore, Md.; B.A. Coppin State College, 1978.
- Richard Neil Stutz, of Cockeysville, Md.; B.A. University of Baltimore, 1970; M.S. The Johns Hopkins University, 1982.
- Patricia Ann Sullivan, of Baltimore, Md.; B.A. University of Maryland, 1974.
- Paula Recknor Sykes, of Baltimore, Md.; B.S. Towson State University, 1977.
- Anne Lehman Toffey, of Gaithersburg, Md.; B.S. Cornell University, 1973.
- Frank Joseph Toland, of Columbia, Md.; B.A. University of Colorado, 1977.
- Elizabeth Martha Bogdan Tursell, of Ellicott City, Md.; B.S. Wayne State University, 1979.
- Lucinda Louise Tursman, of Baltimore, Md.; B.A. University of Illinois, 1970.
- Kevin Wang, of Gaithersburg, Md.; B.Arch. College of Chinese Culture, 1972.
- David Jonathan Weinberg, of Silver Spring, Md.; M.S.E.E. University of Maryland, 1975.
- Charles Earl Whipple, of Baltimore, Md.; B.A. Denison University, 1975.
- Roberta Margaret Wirth, of Baltimore, Md.; B.S. The Johns Hopkins University, 1978.
- Harry Yyungsik Yong, of Baltimore, Md.; L.L.B. Yonsei University, Korea, 1962.

Carl Stephen Young, of Ferndale, Md.; B.S. The Johns Hopkins University, 1972.

Paul J. Zidow, of Baltimore, Md.; B.A. York College, 1975.

William Francis Zittel, of Baltimore, Md.; B.B.A. Hofstra University, 1969.

Suzanne Lynn Zolnick, of Randallstown, Md.; B.A. College of William and Mary, 1976.

Patricia Mary Zyla, of Baltimore, Md.; B.S. The Johns Hopkins University, 1980.

CERTIFICATES OF ADVANCED STUDY

in The Evening College

Doris Patricia Campbell, of Baltimore, Md.; B.S. Coppin State College, 1974; M.S. The Johns Hopkins University, 1977. Education.

D. Roslyn Canosa, of Baltimore, Md.; M.Ed. Western Maryland College, 1976. Education.

Carol Ann Carter, of Sykesville, Md.; M.Ed. Western Maryland College, 1977. Education.

Naomi Barbara Chizever, of Columbia, Md.; M.Ed. Towson State University, 1976. Education.

Kathleen Olver Cozzolino, of Baltimore, Md.; M.Ed. Loyola College, 1975. Education.

Charles Clifford Doggett, of Randallstown, Md.; M.A. Loyola College, 1979. Education.

Marguerite R. Downs, of Baltimore, Md.; M.Ed. Loyola College, 1971. Education.

Nancy W. Flathman, of Baltimore, Md.; B.A. Macalester College, 1956; M.S. The Johns Hopkins University, 1978. Education.

Martha Wheelwright Galleher, of Baltimore, Md.; B.S. The Johns Hopkins University, 1979; M.L.A., 1981. Liberal Arts.

Merrill Joseph Kellum, of Baltimore, Md.; B.S. The Johns Hopkins University, 1977; M.L.A., 1979. Liberal Arts.

Rhonda Green Lewis, of Baltimore, Md.; M.Ed. Towson State University, 1975. Education.

Sara Kabakow Mandell, of Baltimore, Md.; B.S. City College of New York, 1960; M.S., 1967. Education.

Patricia Ann Martin, of Baltimore, Md.; M.Ed. Gannon College, 1973. Education.

Sandra Bloom Morrell, of Baltimore, Md.; B.S. University of Maryland, 1967; M.S. The Johns Hopkins University, 1976. Education.

Mary Emily Murray, of Baltimore, Md.; M.A. Michigan State University, 1966. Liberal Arts.

Regina Rose Rodman, of Baltimore, Md.; B.S. Towson State University, 1970. Liberal Arts.

Carolyn Holen Rodner, of Baltimore, Md.; M.Ed. Loyola College, 1975. Education.

Charles Wayne Thompson, of Baltimore, Md.; M.Ed. Trinity University, 1965. Education.

Paula Blackwell Wilson, of Baltimore, Md.; M.A. St. John's College, 1971. Education.

Aldonna Redmon Wylie, of Baltimore, Md.; M.Ed. Towson State College, 1974. Education.

Steven Ernest Zimmerman, of Dowingtown, Pa.; A.A. Hagerstown Junior College, 1971; B.A. University of Maryland, 1972; M.A., 1975. Education.

MASTERS OF MUSIC

in The Peabody Conservatory of Music

Clinton Stanley Adams, of South Windsor, Conn.; B.A. University of Hartford, 1968. Piano.

Jeral Ann Benjamin, of Great Neck, N. Y.; B.M. The Peabody Conservatory of Music, 1981. Instrumental Conducting.

Leonid Berkovich, of Baltimore, Md.; B.M. The Peabody Conservatory of Music, 1982. Violin.

Kathryn Ann Brake, of Potomac, Md.; B.M. The Peabody Conservatory of Music, 1981. Piano.

- Charles Brock, of Baltimore, Md.; B.M. Towson State University, 1975. Piano.
- Cynthia Marie Bromka, of DeWitt, N. Y.; B.M. Syracuse University, 1981. Piano.
- Vertrelle Diane Cameron, of Bridgeport, Conn.; B.M. Fisk University, 1978. Voice.
- Susan Birdsall Cantrick, of Washington, D. C.; B.A. Bennington College, 1974. Music History and Literature.
Charles Ives's String Quarter No. 2: An Analysis and Evaluation.
- Angela Gaye Casagrande, of Ottawa, Ontario, Canada; B.M. The Peabody Conservatory of Music, 1982. Oboe.
- Nancy Jian-Min Chin, of Fort Worth, Texas; B.M. Texas Tech University, 1981. Piano.
- Amber Yan-Pak Chum, of Kowloon, Hong Kong; B.M. The Peabody Conservatory of Music, 1981. Piano.
- Cathryn Annette Coggins, of Annapolis, Md.; B.M. American University, 1975; Diploma Mozarteum, Salzburg, Austria, 1979. Music Education.
- Elizabeth Denués, of Bloxom, Va.; B.M. The Peabody Conservatory of Music, 1982. Violoncello.
- Ronald Dobra, of Baltimore, Md.; B.M. Boston University, 1968; M.M. The Catholic University of America, 1971; M.A. Antioch College, 1973; M.M. The Peabody Conservatory of Music, 1979. Instrumental Conducting.
- John Thomas Dodson, of Ft. Lauderdale, Fla.; B.S. Tennessee Technological University, 1980. Instrumental Conducting.
- Aimée Sarah Ford, of Dallas, Texas; B.M. Bowling Green State University, 1979. Flute.
- Debra Lynn Freedom, of De Pere, Wisc.; B.S. University of Minnesota, 1977; M.A. Central Washington University, 1978. Instrumental Conducting.
- Semyon Fridman, of Baltimore, Md.; Kiev State Conservatory. Violoncello.
- John Michael Gingerich, of Goshen, Ind.; B.A. Goshen College, 1980. Violoncello.
- J. Ernest Green, of Rocky River, Ohio; B.M. University of Toledo, 1981. Instrumental Conducting.
- Nancy Helen Haugerud, of Issaquah, Wash.; B.M. University of Washington, 1980. Flute.
- Lawrence L. Hoffman, of Baltimore, Md.; B.M. The Peabody Conservatory of Music, 1978. Composition.
- Joyce Elaine Hongsermeier, of Phillips, Nebr.; B.M.E. Hastings College, 1971. Music Education.
- Bok Hwa Kim, of Memphis, Tenn.; B.M. The Peabody Conservatory of Music, 1982. Piano.
- Hye Sook Kim, of Seoul, Korea; B.M. Seoul National University, 1978; M.M., 1981. Piano.
- Gregory Thomas Kulseth, of Seattle, Wash.; B.M. The Peabody Conservatory of Music, 1980. Guitar.
- Michelle Marie LaCourse, of Traverse City, Mich.; B.M. The Peabody Conservatory of Music, 1982. Viola.
- Stéphane Michel Lemelin, of Mont-Joli, Quebec, Canada; B.M. The Peabody Conservatory of Music, 1982. Piano.
- Alice Rebecca Jones Long, of Lutherville, Md.; B.A. College of Notre Dame of Maryland, 1981. Piano.
- Robert Van Mari, of Vancouver, British Columbia, Canada; B.M. University of British Columbia, 1979. Instrumental Conducting.
- Gary Everett Marion, of Baltimore, Md.; B.M. The Peabody Conservatory of Music, 1978. Clarinet.
- David J. Marshall, of Westerville, Ohio; B.M. Ohio State University, 1980. Viola.
- Timothy Edward McKeithen, of Pasadena, Texas; B.M. The Peabody Conservatory of Music, 1981. Viola.
- Hayward Ivin Mickens, Jr., of Morristown, N. J.; B.M. The Peabody Conservatory of Music, 1975. Piano.
- James Michael Morrell, of Jacksonville, Fla.; B.M. Baylor University, 1981. Piano.
- Kay Diane Nichols, of Baltimore, Md.; B.M. Baldwin-Wallace College, 1977. Trombone.
- Susan Elizabeth Panagini, of West Caldwell, N. J.; B.M. The Peabody Conservatory of Music, 1982. Guitar.
- Ellyn Louise Peabody, of Waterford, Conn.; B.M. The Peabody Conservatory of Music, 1982. Voice.
- Neil Thomas Penesis, of Chicago, Ill.; B.M. DePaul University, 1978. Piano.
- Gayle Lynn Pritchard, of Baltimore, Md.; B.M. Southern Methodist University, 1977. Piano.
- Richard Champlain Riley, of Baltimore, Md.; B.M. The New England Conservatory of Music, 1977. Choral Conducting.
- Janet E. Seitzer, of West Chester, Pa.; B.M. West Chester State College, 1981. Piano.
- Vladimir Svoisky, of Baltimore, Md.; B.M. Leningrad Conservatory of Music, 1975; M.M. The Peabody Conservatory of Music, 1982. Instrumental Conducting.
- Lisa Rachel Taylor, of Whippany, N. J.; B.M. The New England Conservatory of Music, 1981. Horn.
- Patricia Lynne Whaley, of Berkeley, Calif.; A.B. University of California at Berkeley, 1981. Viola.
- Min-Chi Wu, of Ping Tong, Taiwan, R.O.C.; B.M. Indiana University, 1981. Piano.

ARTIST DIPLOMA

in The Peabody Conservatory of Music

Edith Hirshthal Nahas, of Cherry Hill, N. J.; B.M. Temple University, 1973; M.M., 1975. Piano.

MASTERS OF SCIENCE

in The School of Hygiene and Public Health

Patricia Bonifer-Tiedt, of Alexandria, Va.; B.A. Earlham College, 1964; M.S. Syracuse University, 1973. Health Services Administration.

Factors Influencing Diet and Nutrition Status Among Children in Nepal.

Gloria Ann Chin, of Nutley, N. J.; B.A. The Johns Hopkins University, 1979. Immunology and Infectious Diseases.

The Biological Characterization of a Con-A Generated Protective Supernatant in the MHV Model.

Allison Beth Delman, of New York, N. Y.; B.A. Washington University, 1979. Health Services Administration.

An Evaluation of Ambulance Utilization Behavior in the Baltimore Regional EMS System.

Peter Rich Gilbert, of Newton, Mass.; A.B. Gordon College, 1979. Biostatistics.

Graphical Techniques for the Proportional Hazards Model.

Helen D. Hiltabidle, of Baltimore, Md.; B.A. Chestnut Hill College, 1954. Population Dynamics.

Return Migration in Rural Area of Bangladesh.

Martha M. Johnson, of Silver Spring, Md.; B.A. Western Michigan University, 1966; M.A., 1968. Population Dynamics.

Social Support Patterns—Women Age 65-75 Years Old in Wash. Co. MD.

Jennifer Sinclair Kinsey, of Winter Haven, Fla.; B.S. University of New Hampshire, 1977. Population Dynamics.

Evaluation of a Condom Distribution Program.

Beryl Ann Koblin, of Baltimore, Md.; B.A. University of Delaware, 1978. Epidemiology.

Risk Factors Associated with Postoperative Pulmonary Complications.

Say Hua Lim, of Penang, Malaysia; B.A. Brandeis University, 1980. Environmental Health Sciences.

Sources of Microorganisms in the Urban Environment.

Manuel Jose Oropeza-Torres, of Curarigua, Edo. Lara, Venezuela; M.D. Universidad de Los Andes, 1965. Environmental Health Sciences.

Radiometric Assay of Cholinesterases.

Anne Priscilla Rogal, of Weston, Mass.; B.A. Yale University, 1976. Health Services Administration.

An Assessment of the Perceived Health Needs of a Female Prison Population.

Richard Glen Silver, of Columbia, Md.; B.S. University of Michigan, 1975. Health Services Administration.

The Employee Stress Education Survey: Diagnosing the Needs of a Blue-Collar Population.

Nancy K. Simpson, of Silver Spring, Md.; B.A. University of Maryland, 1975. Population Dynamics.

Women's Household Status and Fertility.

Alice Louise Sternberg, of Noank, Conn.; B.A. University of Connecticut, 1977. Biostatistics.

The Mortality Experience of American Radiologists.

Susan Holt Strand, of Mountain Lakes, N. J.; B.S. Michigan State University, 1977. Pathobiology.

Measuring the Viability of MYCOBACTERIUM LEPRAE.

Leslie Gayle Sussman, of Rockville, Md.; B.A. The Johns Hopkins University, 1978. Environmental Health Sciences.

The Effects of Acrolein on Alveolar Macrophage Phagocytosis.

MASTERS OF HEALTH SCIENCE in The School of Hygiene and Public Health

- Karen Clare Adelson, of Memphis, Tenn.; B.A. Sweet Briar College, 1976. Environmental Health Sciences.
- Ignatius Samuel Ahene, of Accra, Ghana; B.Sc. University of Ghana, 1974; B.Sc., 1976; M.Sc., 1979. Environmental Health Sciences.
- Lynn Anne Ahlgren, of Minneapolis, Minn.; B.A. University of Minnesota, 1981. Health Services Administration, Health Planning and Administration.
- Joycelyn P. Alleyne, of Crownsville, Md.; B.Sc. Howard University, 1976. Mental Hygiene.
- Dennis Gerard Averill, of Ocean, N.J.; B.S. University of Richmond, 1980. Environmental Health Sciences, Occupational Safety and Health.
- Linda M. Bartnyska, of Elyria, Ohio; B.A. Simmons College, 1979. Health Services Administration, Health Planning and Administration.
- Edward Dan Berg, of Williamsburg, Va.; B.A. The Johns Hopkins University, 1981. Environmental Health Sciences, Occupational Safety and Health.
- Rhoda June Binley, of Arlington, Va.; B.S. George Washington University, 1967; M.S. 1972. Environmental Health Sciences, Occupational Safety and Health.
- Lindsay Edward Booher, of Tappahannock, Va.; B.S. Old Dominion University, 1981. Environmental Health Sciences, Occupational Safety and Health.
- Sharon L. Carte, of Spencer, W. Va.; B.S. West Virginia University, 1973. Mental Hygiene.
- Olivia Denise Carter, of Bethesda, Md.; B.S. Tulane University, 1979. Biostatistics.
- Susan Laura Cushman, of Brooklyn, N.Y.; B.A. The Johns Hopkins University, 1981. Epidemiology.
- Michele Grace Donithan-Pongratz, of Baltimore, Md.; B.A. College of William and Mary, 1971. Biostatistics.
- Albert Hamburger Donnay, of Baltimore, Md.; B.A. McGill University, 1980. Environmental Health Sciences, Environmental Health Engineering.
- Edward Byers Elder, of Madison, Wis.; A.B. Earlham College, 1981. International Health.
- Leona D. Enama, of Blakeslee, Pa.; B.S. The Pennsylvania State University, 1979. Mental Hygiene.
- Elaine M. Frank, of East Lempster, N.H.; B.A. Rice University, 1971. Health Services Administration, Health Planning and Administration.
- Barbara Gay Gifford, of Woods Hole, Mass.; B.A. Yale University, 1979. Health Services Administration, Health Planning and Administration.
- Patsy Waters Glinsmann, of Port Republic, Md.; B.S. East Tennessee State University, 1969; M.A. Hood College, 1981. Environmental Health Sciences, Occupational Safety and Health.
- Gina Marie Grage, of Minneapolis, Minn.; B.S. University of Minnesota, 1979. Health Services Administration, Health Planning and Administration.
- Alan Craig Hauquitz, of Southampton, N.Y.; B.A. State University of New York, 1980. Health Services Administration, Health Planning and Administration.
- Marcia Jean Holden, of Baltimore, Md.; B.A. University of Wisconsin, 1970; M.A.T. Harvard University, 1972. Mental Hygiene.
- Lillian May Ingster-Moore, of Columbia, Md.; B.A. The Johns Hopkins University, 1977. Epidemiology.
- Bruce Wayne Jacobs, of Cumberland, Md.; A.B. West Virginia University, 1973. Environmental Health Sciences, Environmental Health Engineering.
- Mohamed W. Jalloh, of Makeni, Republic of Sierra Leone; B.S. West Liberty State College, 1977. Immunology and Infectious Diseases, Tropical Public Health.
- Alfred N. Johnson, of North Canton, Conn.; B.A. Central Connecticut State College, 1981. Environmental Health Sciences, Radiation Health Sciences.
- Martha Lee Johnson, of Roanoke, Va.; B.A. Emory and Henry College, 1981. Mental Hygiene.
- Lewis Hertslet Kaplan, of London, United Kingdom; B.A. Sussex University, 1978. International Health.
- Stephen Lawrence Kistner, of Bel Air, Md.; B.E. Manhattan College, 1970; M.E., 1971; Sc.M. The Johns Hopkins University, 1980. Environmental Health Sciences, Environmental Health Engineering.
- Steven Lee Kousouris, of Baltimore, Md.; B.A. Western Maryland College, 1979. Epidemiology.
- Catherine Jean Laing, of Pittsburgh, Pa.; B.S., B.A. The Pennsylvania State University, 1981. International Health.

- Valerie Anne Lambert, of Perry Hall, Md.; B.A. Western Maryland College, 1980. Epidemiology, Human Genetics.
- Katherine A. Lane, of Allendale, N.J.; B.A. Wellesley College, 1980. Health Services Administration, Health Planning and Administration.
- Kenneth Truett Lang, of Wilson, N.C.; B.S. Atlantic Christian College, 1969. Environmental Health Sciences, Radiation Health Sciences.
- Mary Delores McCullough, of Harrisburg, Pa.; B.P.S. Elizabethtown College, 1976. Mental Hygiene.
- Lynne Sandra Miller, of Livermore, Calif.; A.B. University of California, 1980. Health Services Administration, Health Planning and Administration.
- Steven J. Milloy, of Fort Washington, Md.; B.A. The Johns Hopkins University, 1981. Biostatistics.
- Joy Prakash Nanda, of Puri, Orissa, India; B.Sc. Berhampur University, 1973; M.Sc., 1975; B.Ed., 1976. Population Dynamics, Reproductive Health and Family Planning.
- Joan M. O'Connell, of Hamden, Conn.; B.S. Tufts University, 1979. Health Services Administration, Health Planning and Administration.
- Nancy Jane Odaka, of North Olmsted, Ohio; B.S. University of Cincinnati, 1980. Epidemiology.
- Marianne O'Leary, of Westmont, N.J.; B.A. Franklin and Marshall College, 1981. Health Services Administration, Health Planning and Administration.
- ajaykumar (raj) Kantilal Patel, of Piscataway, N.J.; B.A. Rutgers University, 1977. Health Services Administration, Health Planning and Administration.
- Mary Louise Pauli, of Washington, D.C.; B.A. Boston University, 1971; M.A. George Washington University, 1976. Behavioral Sciences.
- Linda Mary Perez, of San Antonio, Texas; B.A. University of Texas, 1967. International Health.
- Ellen G. Piwoz, of Elkins Park, Pa.; B.A. Duke University, 1978. International Health.
- Judith Ann Potaszniak, of Bethesda, Md.; B.A. Rutgers University, 1977. Health Services Administration, Health Planning and Administration.
- Joan Renée Queen, of Baltimore, Md.; B.A. University of Maryland, 1979. Health Services Administration, Health Planning and Administration.
- Heather Malcolm Ravlin, of Verona, N.J.; B.S. Allegheny College, 1972; M.Sc. Syracuse University, 1975. Health Services Administration, Health Planning and Administration.
- Aileen Butler Rothbard, of Cheltenham, Pa.; B.A. Temple University, 1964; M.Ed.; 1968. Mental Hygiene.
- Joan Hannah Salim, of Baltimore, Md.; B.A. Western Reserve University, 1966; M.L.A. The Johns Hopkins University, 1978. Health Services Administration, Health Planning and Administration.
- David Curry Shepperly, of Littleton, Colo.; B.A. Colorado College, 1980. Biostatistics.
- Susan Elizabeth Sherman, of Wellesley, Mass.; A.B. Vassar College, 1980. Health Services Administration, Health Planning and Administration.
- Susan Keri Shochet, of Baltimore, Md.; B.A. Simmons College, 1978. Health Services Administration, Health Planning and Administration.
- Christopher David Simms, of Halifax, Nova Scotia, Canada; B.A. St. Mary's University, 1972; M.P.A. Dalhousie University, 1976. Mental Hygiene.
- Elizabeth Solomon, of Grahamsville, N.Y.; B.A. University of Illinois, 1971; B.S. State University of New York, 1977. Mental Hygiene.
- Aileen J. Steiner, of Baltimore, Md.; B.A. The Johns Hopkins University, 1981. International Health.
- Shu-Hshieh Tien, of Taipei, Taiwan, Republic of China; B.S. Fu-Jen Catholic University, 1977. Health Services Administration, Health Planning and Administration.
- Huong Lien Tran, of Huntington Beach, Calif.; B.S. University of Washington, 1981. Health Services Administration, Health Planning and Administration.
- Mark Reid Vanelli, of Wayland, Mass.; A.B. Harvard University, 1980. International Health.
- Winona Mae Wall, of State College, Pa.; B.S. The Pennsylvania State University, 1979. Environmental Health Sciences, Occupational Safety and Health.
- Nancy White, of Somerville, Mass.; B.S. Boston College, 1981. Environmental Health Sciences, Occupational Safety and Health.
- Karl Alan Whitlock, of Wilmington, Del.; B.A. University of Delaware, 1978; M.Ed. Boston University, 1979. Mental Hygiene.
- Merrylin S. Zaw-Mon, of Rangoon, Burma; B.S. Rangoon Institute of Technology, 1971. Environmental Health Sciences, Environmental Health Engineering.
- Ludmila Zawistowich, of Hyattsville, Md.; B.S. University of Maryland, 1977; B.A., 1977; M.A. Indiana University, 1980. Health Services Administration, Health Planning and Administration.

MASTERS OF PUBLIC HEALTH

in The School of Hygiene and Public Health

- Garrett Adams, by Louisville, Ky.; B.A. Vanderbilt University, 1957; M.A. George Peabody College For Teachers, 1959; M.D. Bowman Gray School of Medicine, 1963.
- Abdulhamid Abdullah Al-Wabel, of Abha, Saudi Arabia; M.B., B.S. University of Riyadh, 1980.
- Manohar Lal Atri, of Jammu, Kashmir, India; M.B., B.S. The University of Jammu, 1978; M.D. Postgraduate Institute of Medical Education and Research, 1980.
- Carolyn Sharon Bacal, of Baltimore, Md.; B.A. Duke University, 1972; B.S., 1980.
- Ibrahim Ahmed Badawi, of Tabuk, Saudi Arabia; M.B., B.S. University of Riyadh, 1979.
- Anne Bailowitz, of Yonkers, N.Y.; B.A. Harvard College, 1974; M.D. Stanford University, 1979.
- Marguerite Barbra Barbacci, of North Canton, Ohio; B.S.N. University of Akron, 1978.
- Siahe-Zoe Benson Barh, of Janzon, Grand Gedeh, Liberia; B.Sc. University of Liberia 1972; M.D., 1978.
- Jennifer Mary Barnard, of Basingstoke, Hampshire, England.
- William Stewart Beckett, of Baltimore, Md.; B.A. Harvard College, 1973; M.D. Case Western Reserve University, 1973.
- Diane E. Bennett, of Baltimore, Md.; B.A. Radcliffe College, 1971; M.Ed. Harvard University, 1975; M.D. University of Massachusetts, 1981.
- Clarence E. Beverly, of New York, N.Y.; B.S. Howard University, 1949; M.D. Meharry Medical College, 1958.
- Mohammed Baker Eid Biltaji, of Amman, Jordan; M.B., B.Ch. Al-Azhar University, 1971.
- William Frank Bina, III, of Axtell, Nebr.; B.S. United States Naval Academy, 1966; M.D. University of Nebraska, 1975.
- Ann Patricia Biro, of Silver Spring, Md.; B.S.N. Georgetown University, 1981.
- Lynn Ann Bosco, of Baltimore, Md.; A.B. University of Illinois, 1975; M.D. Rush University, 1979.
- Mary Kirsten Bradstock, of Arlington, Va.; B.S. George Mason University, 1977; M.D. University of Virginia, 1981.
- Conway Nelson Brewerton, of Magrath, Alberta, Canada; B.Sc. The University of Alberta, 1973; M.D., 1977.
- Sheryl Kent Brooks, of Columbia, Md.; B.S.N. Worcester State College, 1979.
- Elaine Snowball Brown, of Montego Bay, Jamaica; M.B., B.S. University of the West Indies, 1975.
- Sarah Greene Burger, of Washington, D.C.; B.A. Connecticut College, 1957.
- Antoine Hughes Chapdelaine, of Quebec, Canada; M.D. Universite Laval, 1977.
- Chiu T. Chen, of Hsinchu, Taiwan, Republic of China; B.M. Private Taipei Medical College, 1967.
- William Henry Chickering, of Austin, Texas; B.A. University, 1970; M.D. University of Cincinnati, 1977.
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- Irving A. Cohen, of Baltimore, Md.; B.S. Southeastern University, 1975; M.D. American University of the Caribbean, 1980.
- Nancy Thompson Crane, of College Park, Md.; B.A. University of Utah, 1974; M.S. Florida State University, 1978.
- Lindsey Eugene Crumlin, Jr., of Columbia, S.C.; B.S.E. Duke University, 1978.
- Andrew Loeb Dannenberg, of Baltimore, Md.; A.B. Swarthmore College, 1974; M.D. Stanford University, 1979.
- Kwame Nyamaa Danso, of Suhyen, Ghana; M.B., Ch.B. University of Ghana, 1974.
- Donna Marie Dinnocenti, of Pottstown, Pa.; B.S.N. Georgetown University, 1981.
- Mary K. Donnelly, of Binghamton, N.Y.; B.S.N. Villanova University, 1971; M.S.N. State University of New York, 1982.
- Charlotte Marie Druschel, of Minneapolis, Minn.; B.A. University of Minnesota, 1971; M.D., 1974.
- Nancy Lavonne Eby, of Gordonville, Pa.; B.S.N. Goshen College, 1977.
- Lisa Chinwe Egbuonu, of Elmont, N.Y.; B.S. Massachusetts Institute of Technology, 1979.
- Martha Fernandez, of Mexico City, Mexico; M.D. Universidad Nacional Autónoma De Mexico, 1959.
- E. Christian Frederickson, of Whitehorse, Yukon, Canada; B.S. Lakehead University, 1974; M.P.M. Simon Fraser University, 1979.
- Josephine G. Gilman, of Baltimore, Md.; B.A. Antioch College, 1979.
- Nelida Gonzalez, of Reston, Va.; A.B. City University of New York, 1967; M.D. Georgetown University, 1971.

- William David Gould, of Grayling, Mich.; B.S. Ferris State College, 1973; M.D. Wayne State University, 1977.
- Janet Helaine Greenhut, of Detroit, Mich.; A.B. University of Michigan, 1974; M.D. Wayne State University, 1978.
- Marie R. Griffin, of Palmyra, N.J.; A.B. Immaculata College, 1972; M.D. Georgetown University, 1976.
- Mary Katherine Griffin, of Richmond, Calif.; B.S.N. San Jose State College, 1974.
- Carol Sue Haines, of Littleton, Colo.; B.A. Valparaiso University, 1971; M.D. University of Kentucky, 1976.
- Amy Morse Hamment, of Towson, Md.; B.A. Simmons College, 1975.
- Ratna Djuwita Hatma, of Jakarta, Indonesia; M.D. Universitas Indonesia, 1975.
- Mary Catherine Henke Dufour, of Brookfield, Wis.; B.S. Marquette University, 1971; M.D. Medical College of Wisconsin, 1975.
- Arlene Carol Hoffman, of Baltimore, Md.; B.S. Lebanon Valley College, 1978.
- Abu Akhter Zahidul Huque, of Dacca, Bangladesh; M.B., B.S. University of Rajshahi, 1978.
- Jean Kay Janda, of Yuba, Calif.; B.A. University of California, 1975.
- Edward Russell Jones, of Coaldale, Pa.; B.S. United States Air Force Academy, 1969; M.D. University of Colorado, 1973.
- Shakra Z. Junejo, of Hyderabad, Pakistan; M.B., B.S. University of Sind, 1971.
- Samuel Sherwood Kessel, of Philadelphia, Pa.; B.S.E.E. Drexel University, 1970; M.D. Albert Einstein College of Medicine, 1974.
- Lucy King, of Oceanside, N.Y.; B.S. St. John's University, 1978.
- Mark Arthur Klebanoff, of Yonkers, N.Y.; A.B. The Johns Hopkins University, 1976; M.D., 1979.
- Mary Ellen Anu Korndorfer, of Point Lookout, N.Y.; B.S.N. Niagara University, 1973.
- Anastassios Constantin Koumbourlis, of Athens, Greece; M.D. National University of Athens, 1980.
- Mateja Kozuh-Novak, of Ljubljana, Yugoslavia; M.D. University of Ljubljana, 1970.
- Jonathan David Krant, of Brookline, Mass.; B.A. The Johns Hopkins University, 1976.
- Claudio F. Lanata De Las Casas, of Lima, Peru; M.D. Peruvian University Cayetano Heredia, 1977.
- Michelle Charlotte Leguay, of Los Angeles, Calif.; B.A. University of California, 1980.
- Joseph Michael Lewandowski, of Toledo, Ohio; B.S. University of Toledo, 1972; M.S. University of New Mexico, 1976.
- Fung J. Lin, of I-Lan, Taiwan, Republic of China; B.M. Kaohsiung Medical College, 1979.
- Sathyavathi Lingaraju, of Bangalore, India; M.B., B.S. Bangalore University, 1969.
- Esmeralda Luciolli, of Paris, France; M.D. University of Paris, 1979.
- Roland Lüthi, of Tagertschi, Switzerland; Dr. Phil. University Bern, 1979.
- William Harrison Lyerly, Jr., of Frederick, Md.; B.S. United States Air Force Academy, 1975; M.A. Central Michigan University, 1978.
- Renee F. Lyons, of Baltimore, Md.; B.A. University of Baltimore, 1982.
- Harry Edwin Marden, Jr., of East Millinocket, Maine; B.A. University of Maine, 1972; D.O. Kansas City College of Osteopathic Medicine, 1977.
- Bruce Ian Marshall, of Palmerston North, New Zealand; B.D.S. University of Otago, 1976.
- Roseda E. Marshall, of Monrovia, Liberia; B.Sc. Tuskegee Institute, 1966; M.A. University of Massachusetts, 1968; M.B.Ch.B. Makerere University, 1974.
- Melanie P. Mastanduno, of Princeton, N.J.; B.S.N. State University of New York, 1978.
- Dileep Vishnu Mavalankar, of Ahmedabad, India; M.B., B.S. Gujarat University, 1982.
- Jeanne Marie McDermott, of New Haven, Conn.; B.S.N. Georgetown University, 1972.
- Amy J. Meltzer, of Scarsdale, N.Y.; B.A. Barnard College, 1977; M.D. New York Medical College, 1981.
- Jean Elise Meyer, of Wheaton, Md.; B.S.N. Georgetown University, 1977.
- Teresa Anne Mirabito, of Boston, Mass.; B.S.N. Boston College, 1971.
- Mark A. Mitchell, of St. Louis, Mo.; B.A. University of Missouri, 1981; M.D., 1981.
- Masato Mugitani, of Tokyo, Japan; M.D. Niigata University, 1979.
- Alice Helen Murray, of Harwood, Md.; B.S.N. Boston University, 1957.
- Duong Nguyen, of Belair, Md.; M.D. University of Saigon, 1970.
- Richard Howard Niemeyer, of Lancaster, Pa.; B.S. Ursinus College, 1968; M.D. Jefferson Medical College, 1972.
- Joseph Awandak Nkwanyuo, of Tiko Cameroon, West Africa; M.D. University of Yaounde, 1976.
- Antonia Hall Nowell, of Chicago, Ill.; B.S.N. University of Illinois, 1971; M.S.N. Wayne State University, 1972; Ph.D., 1978.
- Patrick William O'Carroll, Jr., of Las Vegas, Nev.; B.A. Claremont Men's College, 1979.
- Augustus Kwadwo Atta Ohemeng, of Ghana; B.S. Morgan State University, 1975; M.D. State University of New York, 1981.

- Ruth Hannon Oneson, of Somerville, N.J.; B.S. University of Maryland, 1978.
- Heather Onyett, of St. Anthony, Newfoundland, Canada; B.A. University of Toronto, 1967; M.D. Memorial University of Newfoundland, 1974.
- Hans Knut Otterstad, of Gressvik, Norway; M.D. University of Oslo, 1968.
- Manjula Verma Pathak, of New Delhi, India; M.B., B.S. University of Poona, 1969.
- David Edward Porterfield, of Greenville, Pa.; B.S. Pennsylvania State University, 1971; D.O. Philadelphia College of Osteopathic Medicine, 1975.
- William J. B. Pringle, of Belair, Md.; B.S. University of Maryland, 1973; M.S., 1975.
- Barbara Puglisi, of Summit, N.J.; B.S.N. Georgetown University, 1978.
- Joseph Vincent Regna, of Boston, Mass.; B.A. Boston University, 1976; M.D. Boston University, 1982.
- Valerie Anne Robison, of Kitty Hawk, N.C.; B.S. Duke University, 1975. D.D.S. University of North Carolina, 1979.
- Barbara Ann Roche, of Kirkland Lake, Canada; B.Sc.N. Lakehead University, 1977.
- Rona Beth Sayetta, of Baltimore, Md.; B.S. Duke University, 1966; M.S. George Washington University, 1970; M.D. University of Maryland, 1981.
- Arnald Frederick Scafidi, of Rockville, Md.; B.S. Medical College of Virginia, 1959; M.D., 1966.
- Michael Anderson Schmitt, of Erie, Pa.; B.A. University of Pittsburgh, 1976; M.D. University of Pennsylvania, 1980.
- Debra Ann Schumann, of Aurora, Colo.; B.A. Southern Methodist University, 1973; M.A., 1978; Ph.D., 1982.
- Howard Gladwyn Scott, of Kingston, Jamaica, West Indies; M.B., B.S. University of the West Indies, 1977.
- Gabriel Eugen Sella, of Montreal, Canada; B.Sc. Concordia University, 1971; M.D. University of Pavia, 1977; M.Sc. McGill University, 1980.
- Rose Dean Sheats, of Fairfax, Va.; A.B. Barnard College, 1971; D.M.D. Harvard University, 1979.
- Martin R. Siegel, of Lewistown, Pa.; B.A. University of Pennsylvania, 1977; J.D. Temple University, 1981.
- Robert Siegel, of Annapolis, Md.; B.S. City College of New York, 1955; D.D.S. New York University, 1958.
- Lynn Dee Silver, of New York, N.Y.; B.A. University of California, 1977.
- Sandra Cowell Singer, of Wappinger Falls, N.Y.; B.S. State University of New York, 1977; C.N.M., 1980.
- Gary Alan Smith, of Watsonville, Calif.; B.S. Stanford University, 1975; M.S., 1975; M.D. University of Southern California, 1979.
- Jeffrey Sobal, of Gary, Ind.; B.A. Bucknell University, 1972; M.A. University of Pennsylvania, 1974; Ph.D., 1978.
- Faye E. Sorhage, of Upper Black Eddy, Pa.; B.S. Delaware Valley College of Science and Agriculture, 1975; V.M.D. University of Pennsylvania, 1980.
- Stephanie Marie Steinbart, of Omaha, Neb.; B.S.N. University of Maine, 1976.
- Judith L. Stiff, of Baltimore, Md.; A.B. Cornell University, 1962; M.D. Northwestern University, 1974.
- Leigh Anne Strawn, of St. Petersburg, Fla.; B.S.N. University of Florida, 1980.
- Peter Michau Strebel, of Cape Town, South Africa; B.S. University of Cape Town, 1977; M.B.Ch.B., 1977.
- Victoria Sydeco Tayengco-Maisog, of Baltimore, Md.; M.D. University of the Philippines, 1963.
- Peter Barend G. Ten Ham, of Baarn, The Netherlands; M.D. University of Utrecht, 1976.
- Geraldine M. Tepordei, of Alexandria, Va.; M.D. Bucharest University, 1968.
- Kaye Zimmer Vander Ven, of Gaithersburg, Md.; B.S.N. South Dakota State University, 1957.
- Linda Louise Wagner, of Binghamton, N.Y.; B.S. State University of New York, 1968.
- Frederic Yip-Fan Wai, of Hong Kong; B.A. The Johns Hopkins University, 1981.
- Chain Chi Wang, of Taiwan, Republic of China; B.M. Private Taipei Medical College, 1980.
- Dyann Anita Waugh, of Haddonfield, N.J.; B.A. American University, 1968; M.S. University of Maryland, 1973; M.D. Howard University, 1977.
- Raymond Leonard Webster, of St. Louis, Mo.; B.A. St. Louis University, 1974; M.D. University of Missouri, 1978.
- Howard Alan Wiener, of Silver Spring, Md.; B.S. Alfred University, 1966; M.D. State University of New York, 1970.
- Mary Elizabeth Willy, of Jackson, Mich.; B.S.N. Case Western Reserve University, 1978.
- Garen John Wintemute, of Carmichael, Calif.; B.S. Yale University, 1973; M.D. University of California, 1977.
- Lynn Vivica Yarborough, of Washington, D.C.; B.A. University of Pennsylvania, 1973; M.D. Temple University, 1978.
- Ellen M. Yung, of Brooklyn, N.Y.; B.S. State University of New York, 1981.

MASTERS OF INTERNATIONAL PUBLIC POLICY

in The School of Advanced International Studies

- Mohamed Hussein Abby, of Washington, D.C.
- Hussain Ali Abdul-Latif, of Muscat, Oman; B. Comm. Cairo University, 1974.
- Nasser Hamad Al-Khalifa, of Doha, Qatar; B.A. Western-Michigan University, 1977.
- Kazuhiko Bando, of Naruto City, Japan; B.A. University of Tokyo, 1977.
- Irvin D. Coker, of Silver Spring, Md.; B.A. Howard University, 1957; M.B.A. The American University, 1969.
- Nancy Mary DeGumbia, of Arlington, Va.; B.A. Connecticut College, 1973.
- Tesfaye Demeke, of Washington, D.C.; diploma Naval College, Ethiopia, 1968.
- Samuel Ngome Ejedepang-Koge, of Victoria, Cameroon; Licence, D.E.S. Yaounde University, 1971.
- Luiz Carlos Gazoni, of Bethesda, Md.; E.Eng. University of São Paulo, 1967; M.B.A. 1979.
- Mike Tyovenda Gbashah, of Lagos, Nigeria; A.S.T.C. University of Zaria, 1962.
- Hussein Obaid Ghobash, of Dubai, U.A.E.; B.A. The American University, 1978.
- Pine Gu, of Beijing, P.R.C.; grad. E. China Teachers' University, 1964.
- Ian Harrison, of Washington, D.C.; B.Ca. Victoria University, 1978.
- Masanobu Ibe, of Tokyo, Japan; B.A. Meiji Gakuin University, 1975.
- Kunio Ito, of Tokyo, Japan; B.A. Seikei University, 1979.
- Ajit Singh Jaswal, of Republic of Singapore; B.A. University of Singapore, 1971.
- Terrence John McMahon, of Vienna, Va.; B.S. University of Illinois, 1958.
- Vijayalakshmi Menon, of Republic of Singapore; B.A. University of Singapore, 1968.
- Eudaldo Mirapeix, of Chevy Chase, Md.; J.D. University of Barcelona, 1965; Diploma Diplomatic School of Spain, 1971.
- Diana Moxhay, of Rye, N.Y.; B.A. Smith College, 1964.
- Héctor Nava, of Watsonville, Ca.; B.A. University of California, Santa Cruz; M.A. Stanford University, 1977.
- Tetsuya Nishida, of Tokyo, Japan; B.A. Sophia University, 1979.
- Seiji Okamoto, of Kobe, Japan; B.A. Osaka University, 1972.
- Elie A. Pepin, of Brussels, Belgium; B.A. Athenee Royal University, 1952.
- Ronaldo Villanueva Puno, of Quezon City, Philippines; B.A. Ateneo de Manila, 1968.
- Djibril Sall, of Bethesda, Md.
- Nyunt Maung Shein, of Rangoon, Burma; B.Sc. Rangoon Arts and Science University, 1967.
- Chung-Ha Suh, of Seoul, Korea; B.A. Seoul National University, 1978.
- Robert Yablonski, of Alexandria, Va.; B.S.F.S. Georgetown University, 1969.
- Hisao Yokoyama, of Yokohama, Japan; B.A. University of Tokyo, 1972.

MASTERS OF ARTS IN INTERNATIONAL AFFAIRS

in The School of Advanced International Studies

- Peter Bracke, of Ghent, Belgium; Lic. law Rijksuniversiteit te Gent, 1980.
- Jonathan Peter George Cooper, of New Milton, U.K.; B.A. Warwick University, 1979.
- Peter Anthony Curran, of Galway, Ireland; B.A. University College Galway, 1971; M.A. 1975; B.L. Kings Inn Trinity College, 1978.
- Etienne Grall, of Paris, France; Diplôme Institut D'Etudes Politiques de Paris, 1981.

- Erik Paul Kooijmans, of Eindhoven, Netherlands; Doctoraal in Law Erasmus Universiteit Rotterdam, 1980.
- Diarmuid John McGuire, of Coleraine, North Ireland; B.A. University of Newcastle upon Tyne, 1979.
- Mark Mazower, of London, England; B.A. St. John's College, Oxford, 1981.
- Barbara Luigia Politi, of Italy; B.A. McGill University, Montreal, Canada, 1981.
- Damira Skansi, of Split, Yugoslavia; University Degree University of Zagreb, 1972.
- Christian Smets, of Lentelei, Belgium; B.Sc. Kingston Polytechnic, England, 1981.
- Huri Türsan, of Ankara, Turkey; B.A. School of Business Administration, Istanbul, 1976; M.A. University of Ankara, 1980.
- Godelieve Vandamme, of Bruxelles, Belgium; Lic. law Katholieke Universiteit Leuven, 1980.
- Martin Jerome Westlake, of Wealdstone, Harrow, U.K.; B.A. University College, Oxford, 1980.
- Boguslaw Wiecek, of Rzeszow, Poland; Jagiellon University of Krakow, 1980.

MASTERS OF ARTS

in The School of Advanced International Studies

- Ginny S. Abrams, of Washington, D.C.; B.A. The Johns Hopkins University, 1981.
- Paul Vincent Aceto, of Albany, N.Y.; B.A. Hamilton College, 1980.
- Jalaluddin Ahmad, of Dacca, Bangladesh; B.A. Pakistan Military Academy, 1969; M.B.A. University of Dacca, 1980.
- Jose de Jesus Alvarez, of Aguascalientes, Mexico; B.A. El Colegio de Mexico, 1981.
- Jeffrey David Anderson, of Bartlett, Ill.; B.A. Miami University, 1980.
- David Mitsuo Arase, of Richmond Hill, N.Y.; B.A. Cornell University, 1977.
- Ben Wade Armfield, of High Point, N.C.; B.A. Dartmouth College, 1970.
- Christl M. Baeyaert, of Roeselare, Belgium; Licentiate in Law Katholieke Universiteit Leuven, 1981.
- Susan Louise Ballard, of Santa Rosa, Calif.; B.A. University of California Davis, 1980.
- Flavia Baschieri-Salvadori, of Rome, Italy; B.A. McGill University, 1980.
- Mohamed Benazzouz, of Tangier, Morocco; Maitrise Université de Paris, 1972.
- Douglas Cormack Bennett, of Portland, Ore.; B.A. Lewis and Clark College, 1981.
- Maria Grazia Soffientini Bennett, of Washington, D.C.; Law degree University of Milan, 1980.
- Miguel António Bensaude, of Lisbon, Portugal; B.A. The American University, 1979.
- Melanie Suzanne Bigelow, of Washington, D.C.; B.A. The George Washington University, 1979.
- Alexander A. Biner, of Zug, Switzerland; St. Gallen Graduate School of Economics, Business and Public Administration.
- Desirée Camille Blackwell, of Washington, D.C.; B.A. University of Pennsylvania, 1980.
- Leonor Tannhauser Blum, of Baltimore, Md.; B.A. Wellesley College, 1967; M.S. Columbia University, 1968.
- Bonnie Lee Blythe, of Santa Barbara, Calif.; B.A. University of Southern California, 1980.
- Frank V. Bodengraven, of Arlington, Va.; B.A. Brandeis University, 1978.
- Jennifer Lynn Booth, of Birmingham, Mich.; B.A. University of Michigan, 1980.
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- Barbara Frances Brereton, of Washington, D.C.; B.A. Wellesley College, 1976.
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- David Luther Brinkley III, of Crofton, Md.; B.A. Kent State University, 1980.
- Frances Diane Brohan, of Sun Valley, Idaho; B.A. Smith College, 1981.
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- Craig Gordon Burke, of Phoenix, Ariz.; B.A. Claremont Men's College, 1977.
- Jane Burt-Lynn, of Cleveland, Ohio; B.A. Albion College, 1971; M.S.W. University of Michigan, 1972.
- David Anthony Bustamante, of Orange, Calif.; B.A. University of California Los Angeles, 1977.
- Lisa Marian Bittenheim, of Stockbridge, Mass.; B.A. Stanford University, 1976.
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- Ricardo Marcos Buzo, of Mexico City, Mexico; B.A. Universidad Nacional Autónoma de Mexico, 1973.
- Thomas Joseph Byrne, of Washington, D.C.; B.S. State University of New York Stony Brook, 1975.
- Mary-Lyn Campbell, of Carudiero, Portugal; B.A. Duke University, 1979.
- Bernard Theodore Carreau, of Far Rockaway, N.Y.; B.A. Brooklyn College, 1978.
- Susan Elizabeth Carter, of Cary, N.C.; B.A. North Carolina State University, 1981.
- John Leslie Carwile, of Rockville, Md.; B.A. Wooster College, 1980.
- Margaret Louise Cauley, of Pittsburgh, Penna.; B.A. The American University, 1979.
- Alison Claire Noemi Cave, of Racine, Wisc.; B.A. University of Wisconsin, 1978.
- Mary Michael Cavin, of Greenbelt, Md.; B.A. Louisiana State University, 1981.
- Jon Kwai Tim Choy, of Honolulu, Hawaii; B.S.F.S. Georgetown University, 1981.
- Martin Donald Chrisney, of Takoma Park, Md.; B.A. University of Maryland, 1981.
- Michael Thomas Clark, of Arlington, Va.; B.A. Harvard College, 1979.
- Cynthia Colleen Connell, of Lyme, N.H.; B.A. Dartmouth College, 1977.
- Mark Gregory Connell, of Pittsburgh, Penna.; B.A. Reed College, 1980.
- Gilbert Holmes Crawford, of Ithaca, N.Y.; B.A. Bates College, 1980.
- David Leith Crum, of Bainbridge Island, Wash.; B.A. St. Lawrence University, 1979.
- Anthony David Czuczka, of Washington, D.C.; B.A. State University of New York, New Paltz, 1982.
- Dominique Darne, of La Tour de Salvagny, France; Lic. U. Jean Moulin, 1978; Law Diploma U. of Paris, 1979; Diploma Political Science Institute, 1980.
- Barry Craig Daugherty, of Irving, Texas; B.A. University of Texas Austin, 1979.
- Elizabeth Carroll Davis, of Washington, D.C.; B.A. Vassar College, 1976.
- Chantal Deynout, of Champagnole, France; Licence U. of Grenoble, 1979; Maitrise, 1980.
- Neil George Dunay, of Stafford Spring, Conn.; B.A. Trinity College, 1981.
- James Thomas Dunne, of Pleasanton, Calif.; B.A. University of California Berkeley, 1977.
- Emile Anthony Durette, of Fort Washington, Md.; B.A. University of Maryland, 1978.
- Deanne Louise Eagle, of Los Altos Hills, Calif.; B.A. Whitman College, 1979.
- Lynn Alison Eisenbrand, of Palos Verdes Estates, Calif.; B.A. University of California Berkeley, 1981.
- Stephen Earl Eisenbraun, of Chevy Chase, Md.; B.A. University of Northern Iowa, 1969.
- Farid Elias El Khazen, of Naccache, Lebanon; B.A. Southwest Missouri State University, 1980.
- James William Ellinthorpe, of Lyme, Conn.; B.A., B.S. Tufts University, 1978.
- Laurie Ellen Emrich, of Washington, D.C.; B.A. Middlebury College, 1976.
- Thomas Scott Engle, of Washington, D.C.; B.A. Davidson College, 1979.
- Letitia Latrobe Erler, of Evanston, Ill.; B.A. Trinity College, 1978.
- Vivian Esther Escobar, of North Bergen, N.J.; B.A. Montclair State College, 1976; M.A. New York University, 1980.
- Arlene Eskin, of Monsey, N.Y.; B.A. State University of New York Binghamton, 1981.
- Jonathan Wood Evans, of Crossville, Tenn.; B.A. Haverford College, 1977.
- James Anthony Everard, of Ontario, Canada, B.A. Royal Military College of Canada, 1980.
- Michael Alan Faber, of Brooklyn, N.Y.; State University of New York Albany, 1980.
- Richard King Fallon, of Weston, Mass.; B.A. Hampshire College, 1980.
- Paul Joseph Fekete, of Riverview, N.B., Canada; B.A. Bates College, 1978.
- Richard Whitelock Ferguson, of La Jolla, Calif.; B.A. Claremont Men's College, 1981.
- Maria Vittoria Ferreri, of Augusta, Italy, Laurea University of Catania, 1981.

- Linda Filardi, of Washington, D.C.; B.A. State University of New York Plattsburgh, 1979.
- Barbara Adelheid Fleiss, of Markdorf, West Germany; B.A. McGill University, 1981.
- Robert Stephen Ford of Denver, Colo.; B.A. The Johns Hopkins University, 1980.
- Louis Jacob Forster, of Silver Spring, Md.; B.A. The Johns Hopkins University, 1982.
- Peter John Fromuth, of Morrisville, Penna.; B.A. Georgetown University, 1976; B.A. Oxford University, 1980.
- Alejandro E. Garcia-Moreno, of Mexico City, Mexico; B.A. El Colegio de Mexico, 1981.
- Jose Gustavo Garriga, of Rego Park, N.Y.; B.A. Columbia University, 1980.
- Joachim Gloeller, Jr., of Fremont, Ohio; B.A. Ohio State University, 1981.
- Robert Emilio Gian, of Washington, D.C.; B.A. Hamilton College, 1974; J.D. Harvard University, 1977.
- Brian Jude Glade, of Warwick, N.Y.; B.A. University of Notre Dame, 1981.
- Violeta Gabriela Gold, of Bogota, Colombia; B.A. University of Minnesota, Duluth, 1981.
- Paul Felix Goldberg, of Takoma Park, Md.; B.A. University of Virginia, 1975.
- Ann S. Goldman, of Santurce, Puerto Rico, B.A. New York University, 1981.
- Lisa Carol Gomer, of Los Angeles, Calif.; B.A. Stanford University, 1980.
- Armeen Walker Gould, of Champaign, Ill.; B.S. The American University, 1980.
- Nelson Montgomery Graves, of Buffalo, N.Y.; B.A. Yale University, 1977.
- William Mark Habeeb, of Birmingham, Ala.; B.A. Georgetown University, 1978.
- Stephen John Hadley, of Philadelphia, Penna.; B.A., B.S. Yale University, 1977.
- Terrance Hamilton Hall, of Dundas, Ontario, Canada, B. Comm. Queens University, 1971; L.I.B. Windsor University, 1976; L.I.L., L.I.M. Ottawa University, 1981.
- Jaime Alexander Harper, of Westmount, Quebec, Canada, B.A. Bowdoin College, 1980.
- Felicia Carla Harris, of Washington, D.C., B.S. Georgetown University, 1979.
- Charles Barrett Haver, of Truth or Consequences, N.M.; B.S. United States Military Academy, 1975.
- Rafael Hernández Mayoral, of Guaynabo, Puerto Rico, B.A. The Johns Hopkins University, 1983.
- Ilene Anne Hersher, of Pompano Beach, Fla.; B.A. University of North Carolina Chapel Hill, 1981.
- Sharon Kathleen Hill, of El Cajon, Calif.; B.A. Pomona College, 1981.
- Laurie Cecile Hoes, of Columbia, Md.; B.A. Howard University, 1980.
- Marielle Mactier Hoffman, of Owings Mills, Md.; B.A. Wellesley College, 1980.
- Susan Lee Holmberg, of McLean, Va., B.A. University of Virginia, 1979.
- Frank Holzer, of Adnet, Austria; Dr.iur. University of Salzburg, 1981.
- Mark Willem Hommes, of South Bend, Ind.; B.A. University of Notre Dame, 1979.
- Hans Hoogervorst, of Haarlem, Holland; Doctoraal, University of Amsterdam, 1981.
- Mary Louise Horkowitz, of Emmaus, Penna.; B.A. University of Pittsburgh, 1977; M.A. Lehigh University, 1981.
- John Laurence Howard, of Lakewood, N.J.; B.A. Princeton University, 1980.
- Leslie C. Hunter, of Highland Park, Mich.; B.A. Bryn Mawr College, 1975.
- Tod Geoffrey Hutchins, of Mystic, Conn.; B.A. Wesleyan University, 1977.
- Beatrice Imperiali, of Greenwich, Conn.; B.A. Boston College, 1980.
- Mary A. Irace, of Annapolis, Md.; B.A. The George Washington University, 1980.
- John Bradley Ivie, of Joplin, Mo.; B.A. Southern Methodist University, 1980.
- Sharon Patrice Jackson, of Washington, D.C.; B.A. The Catholic University of America, 1980.
- Miles Anthony Jacoby, of Casper, Wyo.; B.A. Brigham Young University, 1980.
- Abdelmalek Jeddou, of Rabat, Morocco; Engineer Dipl. Mendeleev Institute, Moscow, 1968.
- Francesca Starr Jessup, of Washington, D.C.; B.A. Bryn Mawr College, 1976.
- Jerry W. Johnson, of Kingwood, Texas; B.A. University of Texas Austin, 1978; D.E.A. University of Strasbourg, 1981.
- Edward Paul Joseph, of Chevy Chase, Md.; B.A. The Johns Hopkins University, 1980.
- Rosanna M. P. Joseph, of Portland, Ore.; B.Sc. Georgetown University, 1980.
- Jean Ann Kelly, of Kettering, Ohio; B.A. University of Dayton, 1981.

- Nan Terese Kennelly, of Short Hills, N.J.; B.A. Trinity College, Dublin, Ireland, 1981.
- Takuji Kimura, of Saitama, Japan; B.A. Tokyo University of Foreign Studies, 1979; M.A. 1981.
- Chieko Kitagawa, of Hiroshima, Japan; B.A. Tokyo University of Foreign Studies, 1981.
- Elizabeth Patricia Klages, of West Islip, N.Y.; B.A. Carleton College, 1981.
- John Monroe Koenig, of Gig Harbor, Wash.; B.A. University of Washington, 1981.
- Noel Y. Koffi, of Abidjan, Ivory Coast, Lic. Ivory Coast University, 1977; Maitrise, 1978.
- Patricia Krackov, of Visalia, Calif.; B.A. University of California Berkeley, 1979.
- Carla Frederica Kruytbosch, of McLean, Va.; B.A. The American University, 1977.
- Dietrich Kube, of Kronberg, West Germany; Certificate of Washington of Frankfurt, 1981.
- William S. Kuhn, of Falls Village, Conn.; B.A. Tulane University, 1978.
- Laurel Rosalind LaCivita, of Fort Washington, Md.; B.A. Cornell University, 1975.
- Theocharis Nicolaos Lalacos, of Athens, Greece; B.A. Amherst College, 1980.
- Barbara E. La Marr, of Detroit, Mich.; B.A. Wayne State University, 1976.
- Francine Cynthia Lamoriello, of Johnston, R.I.; B.A. Georgetown University, 1979.
- Susan Valentine Tolkmith Larson, of Bethesda, Md.; B.A. University of Wisconsin, 1964; M.A. University of Michigan, 1972.
- Louise Lasance, of Middelbeers, The Netherlands; Licence Marie Haps University, 1974.
- Michael Alan Lazan, of Hewlett, N.Y.; B.A. Columbia College, 1981.
- Catherine Nakatsuka Lee, of Leominster, Mass.; B.S. Suffolk University, 1981.
- Richard Earl Leigh, Jr., of Los Angeles Calif.; B.A. Brown University, 1981.
- Christoph Lindemann, of Papenburg, Germany; Staatsexamen Universitat Kiel, 1980.
- Michael William Liikala, of Davison, Mich.; B.A. University of California, 1977; M.P.A. University of Southern California, 1980.
- Geoffrey Jenkins Longfellow, of Easton, Md.; B.A. Manhattanville College, 1976.
- Celso Enrique López, of San Sebastian, Puerto Rico; B.B.A., J.D. University of Puerto Rico, 1977; LL.M. New York University, 1979.
- David Nicholson Low, of Wilmington, Del.; B.A. Harvard College, 1980.
- Nancy Ellen Lowd, of Randolph, Mass.; B.A. University of New Hampshire, 1981.
- Katherine Lowman, of Washington, D.C.; B.A. The George Washington University, 1978.
- Eric W. Luftman, of Natick, Mass.; B.A. Harvard University, 1979.
- Jean Stedman Luning, of Carrollton, Va.; B.S.E. Duke University, 1980.
- Katherine Lynn Lupo, of St. Louis, Mo.; B.A. Macalester College, 1975.
- Gail M. Lusby, of EDO de GTO, Mexico; Diploma Institut D'Etudes Politiques de Paris, 1979.
- Khin-Sandi Lwin, of Silver Spring, Md.; B.S.F.S. Georgetown University, 1979.
- Winifred Mackend, of Washington, D.C.; B.A. Hunter College, 1981.
- Thomas Charles Mahoney, of Memphis, Tenn.; B.A. Davidson College, 1980.
- Christopher Manning, of New Bedford, Mass.; B.A. Georgetown University, 1980.
- Linda Faye Marion, of Salt Lake City, Utah; B.F.A. University of Utah, 1967; M.F.A., 1971.
- Donald Francis Marsjanik, of Plainfield, N.J.; B.A. University of Colorado, 1978.
- John Henry Martin, of Detroit, Mich.; B.S. Northern Michigan University, 1981.
- Christopher Kendall Bartell Mason, of Milwaukie, Ore.; B.A. Lewis and Clark College, 1973.
- Michael Kevin Masterson, of Brighton, Mass.; B.A. Boston College, 1976.
- Daniel C. Mathews, of Lincoln, Neb.; B.A. Carleton College, 1981.
- Anthony Stewart Maurice, of McLean, Va.; B.A. The Johns Hopkins University, 1963; Ph.D. Duke University, 1973.
- Morgan Thomas McGrath, of Granada Hills, Calif.; B.A. Loyola Marymount University, 1980.
- Patrick Sean McGurn, of Bethesda, Md.; B.A. Duke University, 1981.
- Kimberley Marie McKeon, of Sioux Falls, S.D.; B.A. Augustana College, 1980.
- Shemuel Meir, of Silver Spring, Md.; B.A. Tel Aviv University, 1973.
- Michael David Mendenhall, of Honolulu, Hawaii; B.S.F.S. Georgetown University, 1981.
- Lisa Allison Messenger, of Phoenix, Ariz.; B.A. Occidental College, 1981.

- Miriam Martin Meyer, of Bowling Green, Ohio; B.A. Brandeis University, 1977.
- Jose Antonio Montes, of Ciudad de Guatemala, Guatemala; Juris Licenciaturum University of Marroquin, 1977.
- Lynn Moore, of Philadelphia, Penna.; B.A. University of Southern California, 1981.
- Marjorie Mary Ualani Morris, of Portland, Ore.; B.A. Gonzaga University, 1980.
- Ann Victor Morrison, of Old Greenwich, Conn.; B.A. University of North Carolina, 1978.
- Jeffrey William Mullaney, of Amherst, Mass.; B.A. Boston College, 1977.
- Dean E. Murphy, of Bethlehem, Penna.; B.S. Northwestern University, 1980.
- Joanne Mary Nannery of Washington, D.C.; B.A. State University of New York Oswego, 1979.
- Carolyn Diane Nichols, of Spring Valley, N.Y.; State University of New York Binghamton, 1980.
- Makito Noda, of Aichi-ken, Japan; B.A. Sophia University, 1974; M.A., 1979.
- John Porter Northington, of Florham Park, N.J.; B.A. University of Michigan, 1979.
- William Russell Nylen, of Sunnyvale, Calif.; B.A. University of California Berkeley, 1980.
- Susanne Christiane Oechsner, of Rottach-Egern, Germany; B.A. Ashland College, 1979.
- Beena A. Ollapally, of Tallahassee, Fla.; B.S. Florida State University, 1979.
- Bernadette Marie Orr, of Washington, D.C.; B.A. Boston College, 1979.
- John Henry Ott, of Naperville, Ill.; B.A. Carleton College, 1981.
- Atta Owusu-Ansah, of Washington, D.C.; B.A. Stanford University, 1981.
- Soli Ozel, of Izmir, Turkey; B.A. Bennington College, 1981.
- Robert Stephen Palmer, of Rockville, Md.; B.A. Washington and Lee University, 1981.
- Alexandra Papadopoulos, of Athens, Greece; B.A. Tufts University, 1981.
- Timothy Edward Paradis, of Washington, D.C.; B.A. Wesleyan University, 1979.
- James Alan Pasero, of Portland, Ore.; B.S. University of Oregon, 1979.
- Mary Susan Pederson, of Arlington, Va.; B.S.F.S. Georgetown University, 1975.
- Paul Marsh Pitman, III, of Santa Cruz, Calif.; B.A. University of California, Santa Cruz, 1980.
- Virginia Polk, of Washington, D.C.; B.S. Georgetown University, 1972.
- Joseph Mark Pomper, of Stamford, Conn.; B.A. Brandeis University, 1976; J.D. Tulane University, 1980.
- Rukhsana Quamber, of Rawalpindi, Pakistan; B.A. C.B. College for Women, 1973; M.Sc. Quaid-i-Azam University, 1977.
- Beatrice Ann Ramirez, of Salinas, Calif.; B.A. University of California Berkeley, 1977.
- Julie Beth Rattner, of Washington, D.C.; B.A. Tufts University, 1977.
- Yacov Ravid, of Washington, D.C.; B.A. Haifa University, 1974; M.A. The Catholic University of America, 1980.
- Wolfgang Heinz Gunter Reinicke, of Mannheim, West Germany; B.Sc. University of London, 1981.
- Lisa Margaret Rennie, of Englewood, Colo.; B.A. Colorado State University, 1981.
- Consuelo A. Ricart, of Santo Domingo, Dominican Republic; B.A. University of the Americas, 1976.
- David Channing Richardson, of Clinton, N.Y.; B.A. Dartmouth College, 1977.
- Jean Marie Ricketts, of Baltimore, Md.; B.A. Manhattanville College, 1978.
- Marco Rimanelli, of Rome, Italy; Laurea University of Rome, 1980.
- Harold Joseph Rose, of Pittsburgh, Penna.; B.A. University of Pennsylvania, 1979.
- Rebecca Lorraine Rose, of Jamaica, N.Y.; B.A. Bowdoin College, 1978.
- John David Rosin, of Stanford, Calif.; B.A. Stanford University, 1979.
- Laura Roulet, of Shaker Heights, Ohio; B.A. Trinity College, 1981.
- William Edward Sabourin, of Plattsburgh, N.Y.; B.A. State University of New York Albany, 1981.
- Elizabeth Ann Saccente, of Washington, D.C.; B.A. Barnard College, 1976.
- Michelle Anne Saltmarsh, of Middlebury, Vt.; B.A. Brown University, 1979.
- Yasuo Sato, of Niigata, Japan; B.A. Hokkaido University, 1980.
- Jérôme Vincent Sauvage, of Fericy, France; Master in Law School of Law, Paris, 1981.
- Joachim Schmidt, of Ennepetal, West Germany; State Examination Ruhr University, 1981.
- Gina Irene Servidio, of Westerly, R.I.; B.A. Amherst College, 1978.

- Alberto Setubal, of Sao Paulo, Brazil; B.A. Universidade Catolica, 1979.
- Brent Edward Shay, of Hollis, N.Y.; B.A. Williams College, 1978.
- David Bruce Shear, of Voorheesville, N.Y.; B.A. Earlham College, 1975.
- Joan Amy Shifrin, of Washington, D.C.; B.A. Macalester College, 1979.
- Masatoshi Shimbo, of Yokohama, Japan; B.Law University of Tokyo, 1977.
- Mfolwe Shole, of Iketo, South Africa; B.A. Pepperdine University, 1979.
- Theodore Charles Shorrock, of Goleta, Calif.; B.A. University of California Santa Clara, 1976.
- Lauren Suzanne Shugarts, of Tonawanda, N.Y.; B.A. State University of New York Buffalo, 1981.
- Eric Sidgwick, of Surrey, England; B.A. Warwick University, 1980.
- Samantha Carrie Silva, of Boise, Idaho; B.A. Boise State University, 1979.
- Neeta G. Sirur, of Bombay, India; B.A. Grinnell College, 1980.
- Elizabeth Ann Snyderwine, of Erie, Penna.; B.A. Gannon University, 1981.
- Babette Hecht Sonnenfeldt, of Washington, D.C.; B.A. University of South Carolina, 1978.
- Maria Theresa Springer, of Fairfax, Va.; B.A. The Johns Hopkins University, 1977.
- Anne-Marie Stanley, of Chazy, N.Y.; B.A. St. Lawrence University, 1981.
- Anita Stephen, of The Hague, Netherlands; B.A. Bennington College, 1980.
- Charles Richard Steuart, of Washington, D.C.; B.Sc. London School of Economics, 1978.
- Bart Stevens, of Kluisbergen, Belgium; Lic. Katholieke Universiteit te Leuven, 1980.
- Ellen Frances Stofa, of Cary, Ill.; B.A. McGill University, 1979.
- Susan Elizabeth Stukenberg, of Westwood, N.J.; B.A. University of Chicago, 1981.
- Howard David Sugar, of Silver Spring, Md.; Diploma Institut d'Etudes Politiques de Lyon, 1980.
- Eugene Paul Sweeney, of Brockton, Mass.; B.S.F.S. Georgetown University, 1980.
- Leo Bernard Swinderman, of Washington, D.C.; B.S. The Johns Hopkins University, 1948.
- Ann Frances Talamas, of Ashtabula, Ohio; B.A. Marquette University, 1980.
- Gary Martin Talarico, of Washington, D.C.; B.S. Illinois State University, 1975; M.S., 1978.
- Masaru Tamamoto, of Yokohama, Japan; B.A. Brown University, 1980.
- Heather Raye Taylor, of Washington, D.C.; B.A. Kenyon College, 1976.
- Cherry Teresa Thomas, of Los Angeles, Calif.; B.A. University of California Los Angeles, 1980.
- Brian Charles Tobin, of Rehoboth, Mass.; B.A. The George Washington University, 1981.
- Dennis Michael Tones, of Santa Cruz, Calif.; B.A. University of California Santa Cruz, 1979.
- Stuart K. Tucker, of Springfield, Ca.; B.A. University of Virginia, 1981.
- Donna M. Tuths, of Southampton, N.Y.; B.A. Barnard College, 1981.
- Donald N. Van Duyn, of Columbia, Md.; B.A. Cornell University, 1975.
- Romeu Vanuci, of Belo Horizonte, Brazil, B.S. Faculdade de Ciencias Economicas da Universidade Catolica de Minas Gerais, 1977.
- Patricia Vicente, of Madrid, Spain, Licenciatura Universidad Complutense, 1980.
- Leonardo Alfonso Villalón, of Gretna, La.; B.A. Louisiana State University, 1979.
- Brenda Sue Watson, of Hollywood, Calif.; B.A. Stanford University, 1981.
- Karen Lynne Weber, of Claremont, Calif.; B.A. California Polytechnic Institute, 1980.
- Daniel Todd Westrick, of San Diego, Calif.; B.A. University of California Berkeley, 1980.
- David Simpson Whittemore, of Boonton, N.J.; B.A. The Johns Hopkins University, 1982.
- John Channing Wickham, of Washington, D.C.; B.A. Carleton College, 1979.
- Cary Mitchell Wilcomb, of Washington, D.C.; B.S. The American University, 1978.
- Celeste Rose Wilson, of Washington, D.C.; B.A. Duke University, 1974.
- Karen Leigh Wilson, of Westport, Conn.; B.A. Colgate University, 1978.
- Bernard Joel Wolfson, of Northridge, Calif.; B.A. University of California Berkeley, 1978.

- Theodore Carl Wozniak, of McLean, Va.; B.A. Olivet Nazarene College, 1980.
- Terrence Hume Wrong, of New York, N.Y.; B.A. Princeton University, 1980.
- Michael Wutzl, of Anif, Austria; Dr. Phil. University of Salzburg, 1977.
- Young Kwan Yoon, of Arlington, Va.; B.A. Seoul National University, 1975; M.A. 1977.
- Byung-Se Yun, of Seoul, Korea; B.A. Seoul National University, 1976.
- Kathleen Mary Zaffina, of Ann Arbor, Mich.; B.A. University of Michigan, 1970.
- Richard Harlan Zechter, of Santa Ana, Calif.; B.A. University of California Santa Cruz, 1978.
- Jennifer Ann Zimdahl, of Fort Collins, Colo.; B.A. The Colorado College, 1981.

MASTER OF SCIENCE IN CLINICAL ENGINEERING

in The School of Medicine

Gary Bateman Wixom, of Catonsville, Md.; B.S.E.E. University of Utah, 1970. Biomedical Engineering.

Implementation of the Guyton Algorithm for Improved Performance of the SR III Subjective Refraction System.

MASTERS OF ARTS

in The School of Medicine

- Joseph Brown Dickson, of Timonium, Md.; B.A. University of Maryland (College Park), 1980. Medical and Biological Illustration.
- The Anterior Segment of the Eye in Two Pinniped Species: Phoca vitulina and Zalophus californianus.*
- Dana George Ketchum, of Baltimore, Md.; A.B. Harvard College, 1970. M.D. Tulane University 1979; M.P.H.T.M. 1979. History of Medicine.
- Yellow Fever in New Orleans, 1860-1905.*
- Robin Beth Lazarus, of Westbury, N.Y.; B.F.A. Syracuse University, 1979. Medical and Biological Illustration.
- Sympathetic Innervation to the Superior and Inferior Muller's Tarsal Muscles.*
- Bradley Richard Smith, of Logan, Utah; B.U.S. University of Utah, 1980. Medical and Biological Illustration.
- Comparative Anatomy of Carcharhinus plumbeus, Negaprion brevirostris, and Ginglymostoma cirratum.*
- Lauren Marie Yelle, of Methuen, Mass.; A.B. Wheaton College, 1980. Pharmacology and Experimental Therapeutics.
- Synthesis of Drug Metabolites by Immobilized Rabbit Liver Microsomal Enzymes and Characterization by Fast Atom Bombardment and Electron Impact Mass Spectrometry.*

MASTERS OF SCIENCE IN ENGINEERING

in The G.W.C. Whiting School of Engineering

- Samir Zaki Abdel-Rahman, of Cairo, Egypt; B.Sc. Military Technical College, Egypt, 1965; Diploma, Antonin Zapotocky Military Academy, Egypt, 1972; M.Sc. Al-Azhar University, Egypt, 1980. Electrical Engineering and Computer Science.
- Ralph James Artuso, of Laughlinton, Pa.; B.S. Bethany College, 1979. Civil Engineering.
Earthquake Analysis of Nuclear Power Plants.
- Mohamed El-Saied Bayoumi, of Cairo, Egypt; B.Sc. Arab Republic of Egypt, 1967. Electrical Engineering and Computer Science.
- Bart Emil Bennett, of Ellicott City, Md.; B.S. University of California, Los Angeles, 1979. Mathematical Sciences.
- David Spencer Bush, of Ann Arbor, Mich.; B.S. Harvey Mudd College, 1971. Biomedical Engineering.
- Sanford Richard Buxbaum, of Baltimore, Md.; B.E.S. The Johns Hopkins University, 1979. Materials Science and Engineering.
Ultrasonic Investigation of Titanium-6211 Weldments.
- Hubert Chew, of Seattle Wash.; B.S.E.E. University of Washington, 1980. Electrical Engineering and Computer Science.
- John Alfred Del Ferro, of Morton, Pa.; B.C.E. Villanova University, 1982. Environmental Engineering.
- Nathanael Adlai Almonte DePano, of Quezon City, Philippines; B.S. Atenco de Manila University, Philippines, 1977. Electrical Engineering and Computer Science.
- Peter Louis Fuhr, of Peligan Rapids, Minn.; B.S. Beloit College, 1979. Electrical Engineering and Computer Science.
- Jeffrey Taylor Glass, of Towson, Md.; B.E.S. The Johns Hopkins University, 1981. Materials Science and Engineering.
Acoustic Emission During the Deformation and Fracture of Three Naval Alloy Steels.
- Ramsey Wadi Haddad, of Bloomfield, Conn.; B.E.S. The Johns Hopkins University, 1983. Electrical Engineering and Computer Science.
- Smiley S. Hsu, of Rockville, Md.; B.E.S. The Johns Hopkins University, 1982. Electrical Engineering and Computer Science.
- Selahattin Kayalar, of Altindag Izmir, Turkey. Electrical Engineering and Computer Science.
- Mary Ann Kennedy, of Norwood, Mass.; B.S. Brown University, 1979. Electrical Engineering and Computer Science.
- Melissa Robin Kershman, of Baltimore, Md.; B.A. University of Pennsylvania, 1981. Mathematical Sciences.
- Farid Khorsandian, of Shiraz, Iran. Environmental Engineering.
Rural Water Supply Planning and Programming in Less Developed Countries.
- Benjamin M. Lowe, of Short Hills, N.J.; B.E.S. The Johns Hopkins University, 1982. Electrical Engineering and Computer Science.
- Ernest Harper MacMillan, of Baltimore, Md. Mechanics.
The Statics of Liquid Crystals.
- Stephen Majerowicz, of Pasadena, Md.; B.E.S. The Johns Hopkins University, 1980. Materials Science and Engineering.
The Influence of Specimen Geometry on Acoustic Emission Signal Propagation.
- David William Mark, of Newton, Mass.; B.S. Northeastern University, 1979. Environment Engineering.
- Linda Keiko-Yamane Merrell, of Minneapolis, Minn.; B.A. Lawrence University, 1976. Civil Engineering.
Modern Culvert Design: Predicting Performance.
- Thomas Ken Neuberger, of Raymond, Maine; B.A. The Johns Hopkins University, 1983. Mathematical Sciences.
- Jeremy James Michael Papadopoulos, of Corvallis, Oreg.; B.S. Massachusetts Institute of Technology, 1979. Mechanics.
Applicability of Analyses of Interface Stability in Solidification.
- Krishnan Rajagopalan, of Bethesda, Md.; B.E.S. The Johns Hopkins University, 1982. Electrical Engineering and Computer Science.
- John Andrew Retta, of Broux, N.Y.; B.E.S. The Johns Hopkins University, 1982. Electrical Engineering and Computer Science.
- Michael Albert Riley, of Bel Air, Md. Materials Science and Engineering.
Influence of Iron Impurity Deposition on the Catalytic Performance of Nickel 200 Cathodes in Alkaline Water Electrolysis.

Alan Groves Robinson, of Baltimore, Md.; B.A. Cambridge University, England, 1980. Mathematical Sciences.

Hamilton Everett George Rommal, of Upper Falls, Md.; B.E.S. The Johns Hopkins University, 1980. Materials Science and Engineering.

Time Dependent Energy Efficiency Losses at Nickel Cathodes in Alkaline Water Electrolysis Systems.

Lane Kenji Sato, of Honolulu, Hawaii; B.E.S. The Johns Hopkins University, 1982. Electrical Engineering and Computer Science.

Guiseppe Elio Scavone, of Florence, Italy; B.E.S. The Johns Hopkins University, 1983. Environmental Engineering.

Todd Arthur Schultz, of Silver Spring, Md.; B.S. Georgia Institute of Technology, 1979. Mathematical Sciences.

EunSang Won, of Seoul, Korea; B.S. Korea Military Academy, 1968; M.S. Naval Postgraduate School, 1972. Mathematical Sciences.

John Robert Scully, of Ellicott City, Md.; B.E.S. The Johns Hopkins University, 1980. Materials Science and Engineering.

An Experimental Electrochemical Investigation of Corrosion Evaluation Methods for Selected Pipe Surfaces in Soil.

Howard Shaun Sellers, of Spring Hill, Kans.; B.A. The Johns Hopkins University, 1981; M.A., 1981. Mechanics. *A Twinning Study.*

Morgan Jones Thoma, of Steubenville, Ohio; B.S. Lehigh University, 1981. Electrical Engineering and Computer Science.

George Eugene Toth, of Shaker Heights, Ohio; B.E.S. The Johns Hopkins University, 1979. Electrical Engineering and Computer Science.

MASTERS OF ARTS

in The G.W.C. Whiting School of Engineering

Paul James Hirsch, of Tonawanda, N.Y.; B.A. State University of New York, 1980. Geography.

Slope Angle and Debris Size on Hillslopes on Crystalline Rocks in the Mojave Desert, California.

Jane Louise Pacey, of New South Wales, Australia. Geography.

Stephen Lyle Smith, of Fayetteville, N.Y.; B.A. Syracuse University, 1979. Geography.

Multi-Objective Modelling of Noxious Facility Location.

Mollie Frances Vaeth, of Baltimore, Md.; B.A. University of Virginia, 1978. Geography.

Lawrence Brian Wolfe, of Needham, Mass.; B.A. The Johns Hopkins University, 1982. Environmental Engineering.

MASTERS OF ARTS

in The School of Arts and Sciences

Vicki Aaronson, of Washington, D.C.; B.A. (Urban Studies) Washington University, 1979; B.A. (Philosophy), 1979. Public Policy.

The Effect of Mitigating Factors on Damages Resulting from the Chemical Control Fire.

Nisha Advani, of Calcutta, India; B.A. Randolph-Macon Woman's College, 1979. Social Relations.

Julie Alexandra Agoos, of Cambridge, Mass.; B.A. Harvard University, 1979. Writing Seminars.

Above the Land.

Ellen Marie Akins, of Los Angeles, Calif.; B.A. University of Southern California, 1981. Writing Seminars.

Testament.

Sara Colclough Alexander, of Crownsville, Md.; A.A. George Washington University, 1955; B.A., 1966; M.A., 1970. Writing Seminars.

From Here to Uncertainty: Gleanings of a Sabbatical Year.

Linda Jeanne Allred, of Greenville, N.C.; B.S. Duke University, 1970. Psychology.

- Eskander Alvi, of Baltimore, Md.; B.S.S. University of Dacca, Bangladesh, 1978. Political Economy.
- Susan Elizabeth Anderson, of Kings Mountain, N.C.; B.A. The Johns Hopkins University, 1981. Public Policy.
Some Policy Considerations Regarding Illegal Migration from Mexico to the United States.
- Daniel Keith Aren, of Cincinnati, Ohio; B.A. University of Cincinnati, 1979. German.
- Amy Marie Baldwin, of Morristown, N.J.; B.A. Colgate University, 1981. Earth and Planetary Sciences.
- Tama Jo Baldwin, of Medford, N.J.; B.A. Salisbury State College, 1980. Writing Seminars.
Evidence of the River
- Claire Elaine Bauerle, of Pittsburgh, Pa. Writing Seminars.
Outlines & Incantations.
- Robin Reed Beasley, of Annapolis, Md.; B.A. The Johns Hopkins University, 1983. Humanities.
- Adrienne Joan Bell, of Ruxton, Md.; B.A. University of California, Los Angeles, 1980. History.
- Russell Dean Benjamin, of Loretta, Minn.; B.A. University of Minnesota, 1979. Physics.
- Lauren Ann Benton, of Baltimore, Md.; B.A. Radcliffe College, 1978. History.
- Dante George Beretta, Jr., of Baltimore, Md.; B.A. St. John's College, 1980. Classics.
- Richard Mark Bernstein, of Baltimore, Md.; B.A. The Johns Hopkins University, 1979. Public Policy.
A Preliminary Feasibility Analysis of a West Virginia to Baltimore Coal Slurry Pipeline.
- Grigory Blyukher, of Baltimore, Md.; B.A. The Johns Hopkins University, 1983. Mathematics.
- James Gerald Brophy, of Baltimore, Md.; B.A. Amherst College, 1977. Earth and Planetary Sciences.
- Wayne Arlington Bryden, of Chestertown, Md.; B.S. Frostburg State College, 1977. Chemistry.
- Dat Bui-Quang, of Rockville, Md. Political Economy.
- Nadeem Akhtar Burney, of Rawalpindi, Pakistan; B.Sc. University of the Punjab, 1974; M.Sc. Quaid-i-Azam University, Pakistan, 1977. Political Economy.
- Richard Martin Cantor, of Utica, N.Y.; B.A. Tufts University, 1979. Political Economy.
- Angela Maria Carreno, of Miami, Fla.; B.A. University of Florida, 1978. History.
- John Stephen Chappell, of Pasadena, Calif.; B.S. California State Polytechnic University, 1978. Chemistry.
- Jeffrey Alan Charles, of Sacramento, Calif. History.
- Soo Chul Cho, of Seoul, Korea; B.A. of Econ. Yonsei University, 1978; Master of Econ., 1980. Political Economy.
- Timothy Eugene Cleveland, of Amarillo, Texas; B.A. Hardin-Simmons University, 1981. Philosophy.
- Francesca Consagra, of Wilmington, Del.; B.A. Connecticut College, 1980. History of Art.
- Cynthia Louise Cotts, of Silver Spring, Md.; B.A. Oberlin College, 1980. Writing Seminars.
Cross Purposes.
- Joseph Paul Cousins, of Towson, Md.; B.S. Le Moyne College, 1974; M.A. Fordham University, 1978. Chemistry.
- Jeffrey Albert Cynx, of Baltimore, Md.; B.A. St. John's College, 1973. Psychology.
- David Michael Daniel, of Murfreesboro, Tenn.; B.A. Vanderbilt University, 1982. Writing Seminars.
Alternatives to Life.
- Vincent DeMarco, of Baltimore, Md.; B.A. The Johns Hopkins University, 1979; J.D. Columbia University, 1980. History.
The Readjuster Revolution in Virginia Race Relations.
- Elizabeth Rose DePalma, of Fairport, N.Y.; B.A. State University of New York, 1981. Psychology.
- Joseph Ludwig DiLorenzo, of Brooklyn, N.Y.; B.S. Polytechnic Institute of Brooklyn, 1975; M.S. Polytechnic Institute of New York, 1977. Earth and Planetary Sciences.
- Carol Louise Dreyer, of Lancaster, Pa.; B.A. Cornell University, 1981. Public Policy.
The Development of Flexitime in the Public and Private Sectors.
- Thomas Arthur Dughi, of Essex Fells, N.J.; B.A. Columbia College, 1976. English.
- Joseph Nathaniel Duncan, Jr., of Baltimore, Md.; B.A. Dartmouth College, 1978. Romance Languages.
- Jerry Allen Dyer, of Baltimore, Md.; B.A. University of Chicago, 1979. English.
- Edward Charles Ernst, of Exeter, N.H. English.
- Gisli Fannberg, of Reykjavik, Iceland; B.A. University of Iceland, 1980. Philosophy.
- Ann Katherine Finkbeiner, of Baltimore, Md.; B.A. North Central College, 1965; M.L.A. The Johns Hopkins University, 1979. Writing Seminars.
Naked Singularities, Primitive Characters, Domain Walls, and Other Aspects of Science.
- Martha Datura Doeringhaus Fleming, of Baltimore, Md.; B.A. Valparaiso University, 1974; M.A. Purdue University, 1981. History.
- Nancy Ellen Forgione, of Baltimore, Md.; B.A. The Johns Hopkins University, 1974; M.L.S. University of Maryland, 1975. History of Art.
- Robert John Forsell, Jr., of Camp Springs, Md.; B.A. The Johns Hopkins University, 1983. Mathematics.

- Christopher Michael Gray, of Baltimore, Md.; B.A. The Johns Hopkins University, 1978. History.
- Mary Landell Gregory, of Baltimore, Md.; B.A. Wells College, 1979. Public Policy.
Implications of Mandatory Retirement for Public Policy.
- Terence Gerard Hamill, of Baltimore, Md.; B.S. University of Florida, 1978. Chemistry.
- William Francis Harkins, Jr., of Wilmington, Del.; B.A. The Johns University, 1983. History.
Bossuet's Theology of History.
- Emily Isabella Hauptmann, of Parkville, Mo.; B.A. The Johns Hopkins University, 1983. German.
- Brian Douglas Helme, of Baltimore, Md.; B.A. Bethany College, 1980. Public Policy.
The Baltimore Region Areawide Housing Opportunity Plan—Local Cooperation in Low-Income Housing.
- Samuel Pastor Hernandez-Rivera, of Aguadilla, Puerto Rico; B.S. University of Puerto Rico, 1974. Chemistry.
- Alison L. Hess, of Boulder, Colo.; B.A. Grinnell College, 1980. Public Policy.
The Forestry Incentives Program in Puerto Rico.
- Hans-Georg Hesse, of Muenster, Germany. German.
- Marc Jan Hollanders, of Wilrijk, Belgium; Licentiaat University of Antwerp, Belgium, 1980. Political Economy.
- Amy Lynn Horning, of Westerville, Ohio; B.A. Duke University, 1980. German.
- Andrew Joseph Hurley, of Bayside, N.Y.; B.A. The Johns Hopkins University, 1983. History.
Maryland's Response to Gasoline Rationing.
- David Mark Hurwitz, of Milford, Conn.; B.A. The Johns Hopkins University, 1983. History.
The Dilemma of a German Composer: Paul Hindemith's Changing Style, Philosophy, and Fortune 1923-1938.
- Catherine Tobin Ingraham, of Baltimore, Md.; B.A. St. John's College, 1973. Humanities.
- Suezo Ishizawa, of Fukushima, Japan; M.A. Tohoku University, Japan, 1972. Political Economy.
- Benjamin Naftali Ivry, of Baltimore, Md.; B.A. Yale University, 1980. History of Art.
- Marie Dolores Jackson, of Cupertino, Calif.; B.A. University of California, 1976; B.S., 1976. Earth and Planetary Sciences.
- Alexander Neil Jamieson, of Edenbridge, Kent, England; B.A. University of Reading, 1980. Political Science.
The Soviet Threat to the Persian Gulf: Illusion and Reality.
- William Ralph Jones, Jr., of Hialeah, Fla.; A.A. Miami-Dade Community College, 1977; B.S. Florida International University, 1980. Physics.
Analysis of Apparently Anomalous X-ray Scattering Spectra from a PdFe Sample.
- Mark Kane, of Drexel Hill, Pa. Physics.
- Alan Leonard Karras, of Skokie, Ill.; B.A. The Johns Hopkins University, 1983. History.
Education and Utopia.
- Arlin Eichenbaum Kazez, of Milwaukee, Wis.; B.A. Oberlin College, 1980. Romance Languages
- Priscilla Harris Kehoe, of Timonium, Md; B.A. Florida Atlantic University, 1980; M.A. 1981. Psychology.
- James M. Kiefer, of Takoma Park, Md.; B.A. The Johns Hopkins University, 1971; M.B.A. Rutgers University, 1980; M.A. The Johns Hopkins University, School of Advanced International Studies, 1981. Political Economy.
- Stephen Patrick Kiernan, of Newtonville, N.Y.; B.A. Middlebury College, 1982. Writing Seminars.
The Second Book of David and Voices.
- Vinay Lal, of New Delhi, India; B.A. The Johns Hopkins University, 1982. Humanities.
Emerson and India.
- Susan Marilyn Land, of Providence, R.I.; B.A. Bennington College, 1978. Writing Seminars.
Empire Distributors and Other Stories.
- Michael Saul Lapp, of Santa Rosa, Calif.; B.A. University of California, 1980. History.
- Nanette Christine Le Coat, of Seattle, Wash.; B.A. University of Washington, 1971; M.A., 1972. Romance Languages.
- Annette Irene Leduc, of South Burlington, Vt.; B.A. Smith College, 1981. History of Art.
- Marsha Meyon Lee, of Hilo, Hawaii; B.A. Swarthmore College, 1979. Chemistry.
- Michael Gary Levine, of New York, N.Y.; B.A. Cornell University, 1978. German.
- Shu Wing Li, of Hong Kong; B.Sc. Chinese University of Hong Kong, 1977. Physics.
- Eric T. Lincke, of Marquette, Mich.; B.S. Northern Michigan University, 1980. Physics.
- Walter Cyrus McCarter, of Port Orange, Fla. Physics.
- Stuart Charles McConnell, of Homewood, Ill.; B.A. University of Michigan, 1978. History.
- Jean Ellen McGarry, of Pittsburgh, Pa.; B.A. Radcliffe College, 1970. Writing Seminars.
The Workhouse.
- Kathleen Margaret McNally, of Okotoks, Alberta, Canada; B.A. Reed College, 1980. History of Art.

- Jeffery Dean McNeal, of Ponca City, Okla.; B.A. The Johns Hopkins University, 1983. Mathematics.
- David Joseph Merkel, of Brookfield, Wis.; B.A. The Johns Hopkins University, 1982. Political Economy.
Predicting Stock Splits: An Exercise in Market Efficiency.
- Eva Nicole Meyer, of Madison, Wis.; B.A. University of Wisconsin, 1980. Romance Languages.
- Brian Mokopagosi, of Gaborone, Botswana. History.
Imperialism and War: Examining the First Phase of German Rule in Namibia, 1884-1894.
- Terence Richard Monmaney, of Barrington, R.I.; B.S. University of New Hampshire, 1979. Writing Seminars.
At Data's Edge: Science in a Critical Context.
- Nina Teresa Morishige, of Edmond, Okla.; B.A. The Johns Hopkins University, 1982. Mathematics.
- Philip Joseph Murphy, of Blackrock, Ireland; B.A. in Nat. Sci. University of Dublin, Ireland, 1981; B.A. in Math. Sci., 1981. Physics.
- James Patrick Murray, of New London, Conn.; B.A. Amherst College, 1981. History.
- Jayant Narasimha Murthy, of Bangalore, India; B.A. The Johns Hopkins University, 1981. Physics.
- Bhanupongse Nidhiprabha, of Bangkok, Thailand; B.A. Thammasat University, Thailand, 1974; M.Sc. London School of Economics & Political Science, 1977. Political Economy.
- Jesse Marcus Noland, of Houston, Texas; B.A. Swarthmore College, 1981. Political Economy.
- Daniel Ernest Nolle, of Baltimore, Md.; B.A. University of Missouri, 1973; M.A., 1976. Political Economy.
- Steven Howard Norton, of Madison, Ala. Chemistry.
- William McEnery Olfutt, of Bethesda, Md.; B.A. Stanford University, 1976; J.D., 1979. History.
- Mark Kenneth Osbeck, of Grand Rapids, Mich.; B.A. University of Michigan, 1981. Philosophy.
- Rodney Wayne Ott, of Baltimore, Md.; B.A. University of Michigan, 1977. English.
- Stanley Clayton Palmer, of Salt Lake City, Utah. Political Economy.
- Liwen Pan, of Beijing, China. Physics.
- Susan Jean Pardo, of White Plains, N.Y.; B.A. Mount Holyoke College, 1977. Biology.
- Thomas Arthur Paulson, of Bothell, Wash.; B.S. Pacific Lutheran University, 1980. Writing Seminars.
Vita, Viten, Vitenskap.
- Kimberly Sue Penner, of Carlisle, Pa.; B.A. The Johns Hopkins University, 1983. Social Relations.
Tests as Predictors of Occupational Productivity.
- Janice Lee Staples Peters, of Columbia, Md.; B.A. The Johns Hopkins University, 1983. Humanities.
- Patricia Anne Phillippy, of Waynesboro, Pa.; B.A. The Johns Hopkins University, 1982. Writing Seminars.
English Subtitles.
- Kathleen Marie Pike, of Thornwood, N.Y.; B.A. The Johns Hopkins University, 1982. Psychology.
The Relations of Employment Status and Personality Variables to Familial Stress.
- Dianne Williams Pitman, of Merced, Calif.; B.A. University of California, 1979. History in Art.
- Kyriacos Petrou Polycarpou, of Limassol, Cyprus. Political Economy.
- Christina May Rajala, of Greenville, Texas. Writing Seminars.
Getting to the Occasion.
- Michèle Robinson, of London, Ontario, Canada; B.A. University of Toronto, Canada, 1978. English.
- Abimael D. Rodriguez, of Jayuya, Puerto Rico; B.S. University of Puerto Rico, 1978. Chemistry.
- Ellen Frances Rooney, of Wilmington, Del.; B.A. Wesleyan University, 1979. English.
- Neil Charles Saccamano, of New York, N.Y.; B.A. State University of New York, 1975. Humanities.
- Gina Candia Schattman, of Princeton Junction, N.J.; B.A. New College, 1975. Chemistry.
- Melinda Wilcox Schlitt, of Ossining, N.Y.; B.A. State University of New York, 1981. History of Art.
- Raphael John Seligmann, of Cortland, N.Y.; B.A. Cornell University, 1982. Writing Seminars.
Subversive Elements.
- Barbara Jean Selmo, of Torrington, Conn.; B.A. Trinity College, 1982. Writing Seminars.
Breaking the Statues.
- Matthew Lewis Shapiro, of Teaneck, N.J. Psychology.
- Su Yong Song, of Gangnam-gu, Korea; Bach. of Econ. Seoul National University, 1976. Political Economy.
- Jack Edward Stephens, of Baltimore, Md.; B.A. Arizona State University, 1979. Writing Seminars.
The Misreckonings of Tycho Brae Johns.
- Wesley E. Stites, of Canon City, Colo.; B.A. The Johns Hopkins University, 1983. Chemistry.
- JoAnn Stohler, of Harrisburg, Pa. German.
- Wah-Keung Sze, of Hong Kong. Physics.
- John H. Talbot IV, of Sea Isle, Ga.; B.A. Hendrix College, 1976. Philosophy.
- Dabrina Anne Taylor, of Salisbury, Md. Writing Seminars.
Deltas.

- Teresa Toscano, of Baltimore, Md.; Licenciatura Universidad Autonoma de Madrid, Spain, 1976. Romance Languages.
- Donna Lee Tuttle, of Middletown, Conn. Classics.
- Cenalo Thomas Aquinas Vaz, of Bombay, India. Physics.
- Debra Lynn Ward, of West Chester, Pa.; B.A. West Chester State College, 1982. Social Relations.
- Daniel Howard Weiss, of Washington, D.C.; B.A. George Washington University, 1979. History of Art.
- Thomas Chauncy Willette, of Delavan, Minn.; B.A. University of Minnesota, 1980. History of Art.
- Morissa Lou Williams, of New York, N.Y. Writing Seminars.
Orison & Other Tales.
- Rodney Paul Wittwer, of Silver Spring, Md.; B.A. University of Wisconsin-Madison, 1981. Writing Seminars.
What Matters.
- Frank Mitchell Wiygul, of Jackson, Miss.; B.S. University of Mississippi, 1979. Chemistry.
- Chaloeylakana Dhanasiri Wongtrangan, of Bangkok, Thailand: B.Sc. Chulalongkorn University, Thailand, 1976; M.A. The Johns Hopkins University, 1980. Social Relations.
- Thomas N. Woods, of Jackson, Tenn.; B.S. Southwestern at Memphis, 1981. Physics.
- Daniel Wurmser, of Towson, Md.; B.A. The Johns Hopkins University, 1981. Physics.
- Gang Xiao, of Baltimore, Md. Physics.
- Kenneth Thomas Yeager, of West Vancouver, British Columbia, Canada; B.A. University of British Columbia, 1978. Near Eastern Studies.
- Lu Zhang, of Shanghai, People's Republic of China. Physics.

DOCTORS OF EDUCATION

in The Evening College

- Susan Archibald Cassidy-Bronson, of Severna Park, Md.; B.S. University of Maryland, 1973; M.S. The Johns Hopkins University, 1976.
The Verification of Competencies Important for Special Educators and the Development of a Classroom Observation Checklist Based on the Competencies.
- Antoinette Elizabeth Favazza, of Timonium, Md.; M.A. Glassboro State College, 1975.
The Effect of Verbal Ability on Mathematical Achievement in a Fast-Paced Pre-Calculus Program.
- Eleanor King, of Morganton, N.C.; B.A. Marywood College, 1969; M.S. Yeshiva University, 1974.
The Effects of Supplemental Stimulation on Selected Behaviors of Sick, Preterm Infants While in Intermediate Care.
- Joanna Marie Thomas, of Greenville, S.C.; B.A. Western Reserve University, 1963; M.S. The Johns Hopkins University, 1974.
The Development of a Minimum Competency Test of Law Enforcement-Related Reading Using Structural Facet Theory.

DOCTORS OF MUSICAL ARTS

in The Peabody Conservatory of Music

- Ann Davenport, of Wichita Falls, Texas; B.M. Texas Christian University, 1975; M.M., 1977. Piano.
The Original Music of Jimmy Driftwood.
- Frances Thompson McKay, of Washington, D.C.; B.A. Mary Baldwin College, 1969; M.A. The University of Virginia, 1972. Composition.
Movement in Time and Space: the synthesis of music and visual imagery in Luchino Visconti's Death in Venice and Stanley Kubrick's 2001: A Space Odyssey.
- Susan Carol Teicher, of Englewood, N.J.; B.M. The Juilliard School, 1976; M.M., 1977. Piano.
The Solo Works for Piano of Louise Talma.
- Neil Clark Rutman, of Sunnyvale, Calif.; B.A. San Jose State University, 1976; M.M. The Eastman School of Music, 1977. Piano.
The Solo Piano Works of Lou Harrison.
- John Barry Talley, of Annapolis, Md.; B.M. The Oberlin Conservatory of Music, 1965; M.M. The Peabody Conservatory of Music, 1967. Choral Conducting.
Secular Music in Colonial Annapolis: the Tuesday Club, 1745-1756.

DOCTORS OF SCIENCE

in The School of Hygiene and Public Health

- Giorgio Assennato, of Bari, Italy; M.D. University of Bari, 1972; M.P.H. The Johns Hopkins University, 1978. Environmental Health Sciences.
Medical Monitoring of Potentially ICDD-exposed Clean-up Workers in Seveso (Italy).
- Leah Koppelman Bonovich, of Boston, Mass.; B.S. The Johns Hopkins University, 1968; M.S. University of Maryland, 1971. Maternal and Child Health.
Mother to Daughter Communication and Length of Daughter's First Labor.
- Janet Laura Bouton, of Baltimore, Md.; B.A. Tufts University, 1965; M.Sc. University of London, 1966. Health Services Administration.
The Development of the Health Labor Force Since World War II.
- Yvonne Lafayette Bronner, of Columbia, Md.; B.S. University of Akron, 1963; M.S.P.H. Case Western Reserve University, 1970. Maternal and Child Health.
The Association Between Employment During Pregnancy and the Outcome of Pregnancy.
- Chien-Jen Chen, of Taipei, Taiwan, Republic of China; B.S. National Taiwan University, 1973; M.P.H., 1977. Epidemiology.
A Twin Study of Blood Pressure, Serum Cholesterol and Triglyceride Levels in Chinese Adolescents.
- James Emory Childs, of Norfolk, Conn.; A.B. Washington University, 1974. Mental Hygiene.
Ecology and Public Health Significance of Urban Cats in Baltimore, Md.
- Frances Clare Cunningham, of Canberra, Australia; B.A. University of Queensland, 1971. Health Services Administration.
Factors Influencing Progress Towards Viability of Health Maintenance Organizations.
- Michael Paul Eriksen, of Whippany, N.J.; B.A. The Johns Hopkins University, 1972; Sc.M., 1976. Health Services Administration.
The Modification of Smoking Behavior Among Asbestos-Exposed Workers.
- Deborah W. Garnick, of Rockville Centre, N.Y.; B.A. Vassar College, 1976; M.H.S. The Johns Hopkins University, 1979. Health Services Administration.
The Impacts of Rate Regulation and Unionization on the Demand for Hospital Labor.
- Toby A. Gordon, of Baltimore, Md.; B.S. University of Pennsylvania, 1976. Health Services Administration.
Cost Containment in Psychiatric Care.
- Cassandra Joubert Jackson, of Houston, Texas; B.S. Howard University, 1976. Maternal and Child Health.
Effects of Neonatal Intraventricular Hemorrhage and Perinatal Asphyxia on the Early Developmental Outcome of Low Birth Weight Infants.
- Ping F. Ki, of Kowloon, Hong Kong; B.S. University of Nebraska, 1973. Environmental Health Sciences.
The Study of Myelin Lacking Hydroxycerebroside and Hydroxysulfatide.
- Joanne Jamison Leslie, of Washington, D.C.; B.A. Reed College, 1966; Sc.M. The Johns Hopkins University, 1978. International Health.
Child Malnutrition and Diarrhea: A Longitudinal Study From Northeast Brazil.
- Carol Lewis, of Cabin John, Md.; A.B. Radcliffe College, 1955; M.A.T. The Johns Hopkins University, 1962; M.S.W. University of Maryland, 1966; M.P.H. The Johns Hopkins University, 1976. Health Services Administration.
Determinants of Referral Outcomes in a Statewide High Blood Pressure Screening Program.
- Daniel Robert Longo, of Evanston, Ill.; B.S. Villanova University, 1974; M.H.A. The George Washington University, 1976. Health Services Administration.
A Case-Control Study of the Structural Determinants of Hospital Closure.
- Robert James McCarter, of Columbia, Md.; B.A. University of Delaware, 1968. Epidemiology.
Congenital Malformations in the Offspring of Diabetic Mothers.
- Susan Ann Perlin, of Oakton, Va.; B.S. George Mason University, 1971; M.S., 1973. Environmental Health Sciences.
The Effects of Cadmium on Renal Aging—A Chronic Feeding Study in Rats.
- Roy Gene Taylor, of Norman, Okla.; B.S. University of Oklahoma, 1966; M.S., 1969. Epidemiology.
An Animal Model for Hepatic Amebiasis Using Inbred LHC/Lak Golden Hamsters Infected with Axenic Entamoeba histolytica.
- Roger John Walters, of Baltimore, Md.; B.A. Hunter College, 1967; M.S. University of Michigan, 1968. Health Services Administration.
The Effects of Insulin-Dependent Diabetes Mellitus on Hearing.

DOCTORS OF PUBLIC HEALTH

in The School of Hygiene and Public Health

Lawren Hugh Daltroy, of Center Valley, Pa.; B.A. University of Michigan, 1971; M.P.H., 1974. Health Services Administration.

Adherence of Coronary Heart Disease Patients to Long Term, Medically Supervised Exercise Regimens.

Donald Owen Fedder, of Baltimore, Md.; B.S. University of Maryland, 1950; M.P.H. The Johns Hopkins University, 1978. Health Services Administration.

Community Pharmacists, Role Beliefs, Practice Behaviors and the Adoption of a Pharmacy High Blood Pressure Program.

Magda Amjad Ghanma, of Husn, Jordan; B.S. American University of Beirut, 1974; M.P.H., 1976. Population Dynamics.

The Contraceptive Behavior of Jordanian Couples.

Mary Kaye Willian, of Indianapolis, Ind.; B.S.N. Indiana University, 1968; M.S.N., 1973; M.P.H. The Johns Hopkins University, 1979. Maternal and Child Health.

Use of Health Services by Medicaid Children.

Josephine Gichner Gimble, of Washington, D.C.; B.S. American University, 1952; M.S. Catholic University, 1966; M.P.H. The Johns Hopkins University, 1979. Health Services Administration.

An Analysis of an Integrated Social-Psychological Model for the Prediction of Behavioral Intention.

Nancy R. Pielemeier, of Washington, D.C.; B.A. Knox College, 1967; M.H.S. The Johns Hopkins University, 1975. International Health.

The Relationship of Mother's Nutrition Knowledge to Child-Feeding Practices and Child Nutritional Status in Lesotho.

Joyce Murat Piper, of Albany, N.Y.; B.S. Syracuse University, 1970; M.P.H. The Johns Hopkins University, 1979. Epidemiology.

Bladder Cancer in Young Women.

DOCTORS OF PHILOSOPHY

in The School of Hygiene and Public Health

Sherry Singer Ansher, of Silver Spring, Md.; B.S. University of Maryland, 1978. Immunology and Infectious Diseases.

Comparison of Biochemical Effects of BHA with those of Dithiolthiones.

Victor Kevin Barbiero, of Baltimore, Md.; B.S. Mount St. Mary's College, 1972; M.H.S. The Johns Hopkins University, 1977. Pathobiology.

The Transmission Dynamics of Onchocerciasis on the Firestone Rubber Plantation, Harbel, Liberia.

Anna Marie Beckmann, of Seattle, Wash.; B.A. The Evergreen State College, 1978. Pathobiology.

Human Papovaviruses JC and BK in Urothelial Cell Cultures: Propagation, Primary Isolation, and Characterization of Genomes.

Gladys Marion Block, of Burke, Va.; B.A. Swarthmore College, 1960. Epidemiology.

An Epidemiologic Study of Cancer Morbidity and Mortality in Phosphate Workers.

William David Christensen, of Pearl River, N.Y.; B.S. Lowell Technological Institute, 1968; M.S. University of Pittsburgh, 1974. Environmental Health Sciences.

Aerosol Deposition and Flow Limitation in a Collapsible Tube.

Ligaya Martinez de Ramos, of Laguna, Philippines; B.S.A. University of the Philippines, 1963; M.S., 1974. Population Dynamics.

Frequency of Intercourse Among American Adolescents: Specification and Testing of a Model.

- Janice Marie Dykacz, of Baltimore, Md.; B.A. D'Youville College, 1966; M.S. University of Arizona, 1968; M.H.S. The Johns Hopkins University, 1978. Biostatistics.
Probability Models for a Dichotic Listening Experiment.
- Matthew Allen Gouda, of Walkersville, Md.; B.S. George Mason University, 1971; M.S., 1976. Immunology and Infectious Diseases.
Genomic Relationship of the Oncogenic Sequences from Three Independently Derived Murine Sarcoma Viruses.
- Elizabeth Baker Harvey, of Washington, D.C.; M.H.S. The Johns Hopkins University, 1974. Environmental Health Sciences.
Prenatal X-ray and Childhood Cancer in Twins.
- Robin Linda Hill-Zobel, of Brea, Calif.; B.S., B.A. University of California, 1977. Environmental Health Sciences.
Kinetics and Biodistribution of 111 Indium-Oxine Labeled Platelets in Normal and Disease States.
- Robert Graham Hughes, of Baltimore, Md.; B.A. Depauw University, 1970; M.A. Ohio State University, 1973.
Citizen and Organization Responses to Perceived Environmental Threats.
- Vincent Yao Kofie, of Accra, Ghana; B.Sc. University of Ghana, 1969; M.S. Harvard University, 1975. Population Dynamics.
The Effects of Some Conditions of Destabilization on the Widowhood Mortality Technique.
- Jonathan Mark Links, of San Francisco, Calif.; B.A. University of California, 1977. Environmental Health Sciences.
Non-invasive Quantification of Global and Regional Left Ventricular Function with Radioactive Tracers.
- Maureen Grace Maguire, of Phillipsburg, N.J.; B.A. Rider College, 1975; Sc.M. The Johns Hopkins University, 1977. Biostatistics.
Detecting Monotone Trend in Relative Odds in Ordered 2xJ Tables.
- Joanne Bednarz Mallory, of River Edge, N.J.; B.S. Rutgers University, 1976. Biochemistry.
The Isolation and Characterization of the Bacteriophage Lambda P Replication Protein.
- Dario A. Novoa-Montero, of Mérida, Venezuela; M.D. Universidad de Barcelona, 1960; M.H.S. The Johns Hopkins University, 1977. Epidemiology.
Chaga's Disease and Myocardioathy: An Epidemiological Study of Four Venezuelan Rural Communities.
- Marian Rose Catherine Passannante, of New York, N.Y.; A.B. Vassar College, 1978. Population Dynamics.
Female Labor Force Participation, Female Mortality, and the Male-Female Mortality Differential in Wisconsin.
- Thomas Arthur Pearson, of Wautoma, Wis.; B.A. The Johns Hopkins University, 1973; M.D., M.P.H., 1976. Epidemiology.
Risk Factors for Arteriographically Defined Coronary Artery Disease.
- Audrey J. Pendleton, of Baltimore, Md.; B.A. University of Maryland, 1977; M.A., 1979. Population Dynamics.
The Probability of Remarriage Following Separation from First Marriage in the United States.
- James Mack Tielsch, of Mount Prospect, Ill.; B.S. University of Washington, 1973; M.H.S. The Johns Hopkins University, 1979. Epidemiology.
A Case-Control Study of Non-Hodgkin's Lymphoma.
- Robert F. Vogt, of Baltimore, Md.; A.B. The Johns Hopkins University, 1974. Environmental Health Sciences.
Studies on the Inflammatory Response Following Skin Injury by Sulfur Mustard.
- Molly Repp Whitworth, of Cumberland, Md.; B.A. Western Maryland College, 1974; Sc.M. The Johns Hopkins University, 1979. Pathobiology.
Maternal Care, Infant Development and the Ontogeny of Social Behavior in Pikas.
- Maria Zajac Kaye, of New York, N.Y.; B.S. The City University of New York, 1973; M.A. The Johns Hopkins University, 1975. Biochemistry.
The Study of the Mechanism of Neoplastic Transformation Induced by DNase I Encapsulated in Liposomes.

DOCTORS OF PHILOSOPHY

in The School of Advanced International Studies

Larry R. Kohler, of Rochester, N.Y.; B.A. Michigan State University, 1968; M.A. Carleton University, 1970.

Canadian/American Oil Diplomacy: The Adjustment of Conflicting National Oil Policies 1955-1973.

Nancy Smith Simon, of McLean, Va.; B.A. The American University, 1973; M.A. School of Advanced International Studies, The Johns Hopkins University, 1975.

From the Chinese Civil War to the Shanghai Communiqué: Changing U.S. Perceptions of China as a Security Threat.

DOCTORS OF MEDICINE

in The School of Medicine

Peter Gus Agoris, of Sykesville, Md.; B.A. Western Maryland College, 1979.

Spencer Eugene Amory, of St. Kitts, West Indies; B.S. Long Island University, 1979.

Jeffrey Owen Anglen, of Columbia, Mo.; A.B. University of Missouri (Columbia), 1979.

Carol Kurtz Bates, of Woodcliff Lake, N.J.; A.B. Dartmouth College, 1979.

David Westfall Bates, of Tuscon, Ariz.; B.S. Stanford University, 1979.

Cynthia Frances Bearer, of Baltimore, Md.; A.B. Smith College, 1972; Ph.D. Case Western Reserve University, 1977.

Peter Christian Belitsos, of Cincinnati, Ohio; A.B. Harvard College, 1979.

Steven Bernstein, of Baltimore, Md.; B.S. University of Maryland (College Park), 1979.

Shawn Joseph Bird, of Laurel, Md.; A.B.; B.S. Cornell University, 1979.

Deborah Link Gisriel Bittar, of Baltimore, Md.; B.A. University of Pennsylvania, 1979.

K. D. Blake, of Baltimore, Md.; B.A. Johns Hopkins University, 1978.

Carey A. Bligard, of Portland, Oreg.; B.A. University of Oregon, 1979.

Catherine M. Bonuccelli, of Washington, D.C.; B.S. Georgetown University, 1979.

David Scott Borislow, of Lafayette Hill, Pa.; B.S. Muhlenberg College, 1979.

John David Brofman, of Deerfield, Ill.; B.S. University of Illinois (Urbana), 1979.

Teresa Marie Buescher, of Silver Spring, Md.; B.A. Johns Hopkins University, 1980.

Bessie B. Chen, of Rockville, Md.; B.A. Johns Hopkins University, 1980.

Sander M. Zeskind Cohen, of Baltimore, Md.; B.A. University of Pennsylvania, 1978.

David Harris Corddry, of Severna Park, Md.; B.A. Haverford College, 1976.

Lindsey Eugene Crumlin, Jr., of Columbia, S.C.; B.S.E. Duke University, 1978.

Vanessa Elaine Cullins, of Jacksonville, Fla.; B.S. Spelman College, 1979.

Robert Dana Cunningham, Jr., of Marion, Ind.; B.A. University of Chicago, 1979.

Gina Ann Dallabetta, of Loveland, Colo.; B.S. Massachusetts Institute of Technology, 1976; B.S. 1977.

Carl Terhune D'Angio, of Swarthmore, Pa.; A.B. Princeton University, 1979.

David B. Danner, of Duxbury, Mass.; A.B. Harvard College, 1975.

Pascal Carl Davidson, of Thomaston, Ga.; B.S. University of Georgia, 1979.

Joseph Louis Demel, of Tucson, Ariz.; B.S. University of Arizona, 1977.

Linda Holleman Demer, of Tucson, Ariz.; B.S. University of Arizona, 1977.

- Stephen Patrick DeSilva, of Bloomfield Hills, Mich.; B.S. University of Michigan, 1979.
- Lisa Egbuonu, of Elmont, N.Y.; B.S. Massachusetts Institute of Technology, 1979.
- Richard Penn Embrey, of Lynchburg, Va.; B.A. Johns Hopkins University, 1980.
- Charles Harry Epps III, of Washington, D.C.; A.B. Harvard College, 1978.
- Neal Francis Epstein, of West Hartford, Conn.; B.A. Johns Hopkins University, 1980.
- Brian Keith Estwick, of Pasadena, Calif.; B.S. University of California (Berkeley), 1979.
- Carla Marie Ford, of Las Vegas, Nev.; B.A. Reed College, 1979.
- Christopher E. Forsmark, of Northglenn, Colo.; B.S. University of Colorado, 1979.
- Wendy A. Franklin, of Kingston, Jamaica, W.I.; B.S. University of Miami, 1979.
- Cristina M. Frexes, of Coral Gables, Fla.; B.S. University of Miami, 1979.
- Farid Gharagozloo, of Tehran, Iran; B.A. Johns Hopkins University, 1978.
- Kenneth Lawrence Goetz, of Pittsburgh, Pa.; B.A. Johns Hopkins University, 1980.
- Jill Goldman, of Great Neck, N.Y.; B.A. Wellesley College, 1978.
- Bruce Geoffrey Gordon, of New York, N.Y.; B.A. Johns Hopkins University, 1979.
- Craig Paul Gyory, of Nevada City, Calif.; A.B. University of California (Berkeley), 1975.
- Walter P. Harris, Jr., of Philadelphia, Pa.; B.A. Amherst College, 1979.
- Marquis Edwin Hart, of Los Angeles, Calif.; B.S., M.S. Stanford University, 1979.
- Alan Reid Hay, of Portland, Oreg.; B.A. Swarthmore College, 1979.
- Donald Lee Heine, of Elk City, Okla.; B.A. Johns Hopkins University, 1980.
- John Gaylord Heller, of Cleveland, Ohio; A.B. Harvard College, 1979.
- Steven D. Hillson, of Norfolk, Nebr.; B.S. Michigan State University, 1979.
- Brian Leif Hjelle, of San Francisco, Calif.; A.B. University of California (Berkeley), 1978.
- Arlene Carol Hoffman, of Baltimore, Md.; B.S. Lebanon Valley College, 1978.
- Scott Allen Hoftiez, of Oostburg, Wis.; B.A. Johns Hopkins University, 1979.
- Steven Matthew Holland, of Scarsdale, N.Y.; B.A. St. John's College (Annapolis), 1979.
- Iredell Waddell Iglehart III, of New York, N.Y.; A.B. Princeton University, 1979.
- Harold Garver Jackson, of Berkeley, Calif.; B.S. Stanford University, 1979.
- Gitie Schechter Jaffe, of Baltimore, Md.; B.S. University of Maryland (Baltimore), 1977.
- Cornelius Jacobus Jansen, of Alexandria, Va.; Sc.B. Brown University, 1979.
- David Lee Johnson, of Clearwater, Fla.; B.Ch.E., M.Ch.E. Georgia Institute of Technology, 1978; 1979.
- Donald Joel Keusch, of Paramus, N.J.; B.A. Johns Hopkins University, 1979.
- Ruth Keveess-Cohen, of Brooklyn, N.Y.; A.B. Radcliffe College, 1979.
- Nancy Carol Kime, of DePere, Wis.; B.A. Johns Hopkins University, 1980.
- Thomas Edward Knox, of Seattle, Wash.; B.S. University of Washington, 1979.
- Robert Alan Kreeger, of Peoria, Ill.; B.S. University of Illinois (Urbana), 1979.
- John Philip Langlois, of Baltimore, Md.; Sc.B. Brown University, 1979.
- Wei-ping Andrew Lee, of Taipei, Taiwan, Republic of China; A.B. Harvard College, 1979.
- Carroll Barboza Leevy, of Short Hills, N.J.; A.B. Harvard College, 1979.
- John Martin Leonard, of Brookfield, Wis.; B.A. University of Wisconsin, 1979.
- Peter Scott Levin, of Beverly Hills, Calif.; A.B., S.B. Brown University, 1979.
- Kelvin O. Lim, of Annapolis, Md.; B.A. Johns Hopkins University, 1980.
- Robert F. Margolskee, of Baltimore, Md.; A.B. Harvard College, 1976.
- Benson Talmage Massey, of Biloxi, Miss.; B.S.E. Tulane University, 1979.
- Maura Joyce McGuire, of Coraopolis, Pa.; B.S. Carnegie-Mellon University, 1978.
- David Charles Merz, of St. Louis Park, Minn.; B.S. University of Minnesota 1973; Ph.D. The Rockefeller University, 1979.
- Randall Scott Moore, of Merrillville, Ind.; B.A. Wabash College, 1979.
- Sebastian James Morton, of Baltimore, Md.; B.A. University of Vermont, 1972; Ph.D. Johns Hopkins University, 1980.

- Sona Irene Mugrditchian, of New York, N.Y.; B.S. American University of Beirut, 1975; M.S. University of Michigan, 1976.
- Leslie Mukau, of Harare, Zimbabwe; Sc.B. Brown University, 1979.
- John B. Naiman, of Baltimore, Md.; B.A. Johns Hopkins University, 1979.
- Jeffrey M. Nelson, of Paradise Valley, Arizona; B.A. Johns Hopkins University, 1980.
- Martin John Nelson, of Waterloo, Iowa; B.A. University of Iowa, 1979.
- Patrick W. O'Carroll, of Las Vegas, Nev.; B.A. Claremont Men's College, 1979.
- José Victor Pardo, of Coral Gables, Fla.; B.S. University of Miami, 1975.
- Diane Hennacy Powell, of Columbus, Ohio; B.S. Ohio State University, 1977.
- Paul Gordon Preston, of St. Petersburg, Fla.; B.A. Transylvania University, 1979.
- Vasiliki Diane Rigas, of Portland, Oreg.; B.S. Oregon State University, 1979.
- James Robert Robusto, of Baltimore, Md.; B.A. University of Colorado, 1979; A.A. Essex Community College, 1976.
- Barbara McAlpine Rock, of Baltimore, Md.; B.S.N. Duke University, 1974.
- Ann Kathryn Rosenthal, of Cleveland Heights, Ohio; B.A. Swarthmore College, 1979.
- Kirk David Scattergood, of Columbus, N.J.; B.S. Massachusetts Institute of Technology, 1979.
- David A. Scheinberg, of Baltimore, Md.; A.B. Cornell University, 1977.
- William John Schirmer, Jr., of Ashland, Ohio; B.A. Johns Hopkins University, 1980.
- Peter Andrew Schneider, of San Diego, Calif.; B.A. Johns Hopkins University, 1980.
- Victoria Lynch Schneider, of Roslyn Heights, N.Y.; A.B. Princeton University, 1979.
- Deborah Elizabeth Sentochnik, of Fort Plain, N.Y.; A.B. Cornell University, 1979.
- Ira M. Shapiro, of Orange, Conn.; B.A. Johns Hopkins University, 1978.
- Mindy S. Shapiro, of New York, N.Y.; A.B. Radcliffe College, 1979.
- Eugenia Lansburgh Siegler, of New York, N.Y.; A.B. Princeton University, 1978.
- Lynn Dee Silver, of New York, N.Y.; B.A. University of California (Santa Barbara), 1977, M.A. 1978.
- William Earl Smiddy, of Severn, Md.; B.A. Johns Hopkins University, 1980.
- Steven Raymond Smith, of Berkeley, Calif.; B.A. University of California (Berkeley), 1979.
- John George Sotos, of Alexandria, Va.; A.B. Dartmouth College, 1979.
- Ellen Ruth Simons Strahlman, of Freeport, N.Y.; A.B. Harvard College, 1979.
- Thomas Paul Strandjord, of Bellevue, Wash.; B.S. University of Washington, 1979.
- John Thompson Sullebarger, of Westfield, N.J.; A.B. Dartmouth College, 1979.
- David Perry Sutton, of Wauwatosa, Wis.; B.S. University of Wisconsin (Madison), 1979.
- Cissy Tan, of Columbus, Ohio; B.A. Johns Hopkins University, 1980.
- Jeffery Karl Taylor, of Auburn, Calif.; B.A. Johns Hopkins University, 1980.
- Marc Anthony Taylor, of Kingston, Jamaica; B.S. University of Miami, 1979.
- Arleen Kaye Thom, of Edgeley, N.Dak.; B.S. North Dakota State University, 1979.
- Patryce Alyson Toy, of Brooklyn, N.Y.; A.B. Cornell University, 1977.
- Ian Steven Udvarhelyi, of Baltimore, Md.; A.B. Harvard College, 1979.
- Terry Allan Vik, of Aberdeen, S.D.; B.A. Johns Hopkins University, 1980.
- Wynter Keenan Vik, of Westlake, Calif.; B.S. Pennsylvania State University, 1979.
- Peter Chi-Tung Wang, of San Francisco, Calif.; B.S. University of California (Berkeley), 1979.
- Jeffrey Weinstein, of Cranford, N.J.; B.A. Johns Hopkins University, 1980.
- Carol Juliet Weiss, of Greenville, S.C.; B.A. Wesleyan University, 1977.
- David Eugene Wheadon, of Houston, Texas; A.B. Harvard College, 1979.
- Peter Francis White, of Atlanta, Ga.; B.S. Emory University, 1979.
- Raymond Wesley Wilson, of Huntington, W.Va.; B.S. Marshall University, 1979.
- Albert James Wong, of Belmont, Calif.; B.A. Johns Hopkins University, 1980.
- Andrew Yang, of Honolulu, Hawaii; B.S., M.S.E.E. Stanford University, 1977.

DOCTORS OF PHILOSOPHY

in The School of Medicine

William Seth Aronstein, of Great Neck, N.Y.; B.A. Wesleyan University, 1975. Pharmacology and Experimental Therapeutics.

Schistosome Glycoprotein Antigens.

Arnold Barton, of Baltimore, Md.; B.S. State University of New York (Stony Brook), 1975. Biochemistry, Cellular and Molecular Biology Program—Molecular Biology and Genetics.

Transcription of Cloned Hha II Restriction and Modification Genes in E. coli.

Arthur Peter Bertolino, of Smithtown, N.Y.; B.S. State University of New York (Stony Brook), 1976. M.D. Johns Hopkins University, 1980. Pharmacology and Experimental Therapeutics.

The Isolation of Hair Follicle Messenger RNAs and Preparation of Complementary DNA Probes.

John Allen Cooper, of Havertown, Pa.; Sc.B. Brown University, 1977. M.D. Johns Hopkins University, 1982. Biochemistry, Cellular and Molecular Biology Program—Cell Biology and Anatomy.

Capping Protein, an Actin Regulatory Protein from Acanthamoeba.

David Bigelow Danner, of Duxbury, Mass.; A.B. Harvard College, 1975. Biochemistry, Cellular and Molecular Biology Program—Molecular Biology and Genetics.

The Structure of the DNA Recognition Site for Haemophilus Transformation.

Joseph Louis Demer, of Tucson, Ariz.; B.S. University of Arizona, 1977. Biomedical Engineering.

The Role of the Olivocerebellar System in Vestibuloocular Reflex Plasticity.

Linda Holleman Demer, of Tucson, Ariz.; B.S. University of Arizona, 1977. Biomedical Engineering.

The Passive, Biaxial, Mechanical Properties of Canine Left Ventricular Myocardium.

Jonathan Edward Freedman, of Princeton, N.J.; A.B. Harvard University, 1978. Biochemistry, Cellular and Molecular Biology Program—Neuroscience.

Biogenic Amine Receptor Characterization with a Novel Irreversible Snake Toxin.

Lloyd Douglas Fricker, of Baltimore, Md.; B.S. Rensselaer Polytechnic Institute, 1979. Pharmacology and Experimental Therapeutics.

Enkephalin Biosynthesis; Purification and Characterization of an Enkephalin Synthesizing Carboxypeptidase.

Martin Greenberg, of Baltimore, Md.; B.A. Northwestern University, 1974. M.D. Johns Hopkins University, 1978. Biochemistry, Cellular and Molecular Biology Program—Physiological Chemistry.

Identification of a Local Anesthetic Receptor Site from Mammalian Brain.

Kathy Kaiser Griendling, of Yardley, Pa.; B.S. Pennsylvania State University, 1978. Physiology.

Alpha-Adrenergic Receptor Binding and Tension Development in Canine Arterial Smooth Muscle.

Nicholas John Kohlerman III, of Baltimore, Md.; A.B. Colgate University, 1976. Physiology.

The Functional Role of Red Nucleus in the Motor Control of Distal Extremity Movements in Monkeys.

James Kent Lane, of Kearney, Nebr.; B.A. Macalester College, 1973. Physiology.

The Modular Efferent Organization of the Inferior Parietal Lobule and Caudal Principal Sulcus for their Callosal and Reciprocal Association Projections: Computer Assisted Mapping of the Tangential and Radial Distributions of Horseradish Peroxidase/Tetramethylbenzidine (HRP/TMB)—Labelled Projection Neurons in Homotypic Neocortex of the Rhesus Monkey.

Alfred Thomas Malouf, of San Diego, Calif.; B.A. University of California (San Diego), 1975. Pharmacology and Experimental Therapeutics.

Specific Binding Site for [³H]-Glutamic Acid on N18-RE-105 Neuroblastoma and Its Regulation.

Robert F. Margolske, of Baltimore, Md.; A.B. Harvard College, 1976; M.A. 1977. Biochemistry, Cellular and Molecular Biology Program—Molecular Biology and Genetics.

Mutational Analysis of the Simian Virus 40 Replicon.

Kevin Erard McKenna, of St. Louis, Mo.; B.A. University of Toronto, 1974. Biomedical Engineering.

Sympathetic Preganglionic Neurons in the Isolated Spinal Cord of the Neonatal Rat.

Michael McKinney, of Bucyrus, Mo.; B.S. U.S. Naval Academy, 1972. Biochemistry, Cellular and Molecular Biology Program—Neuroscience.

Cholinergic Innervation of the Mammalian Cerebral Cortex and Hippocampus by the Basal Forebrain: Implications for Senile Dementia of the Alzheimer Type.

Theresa L. Murphy, of Wichita, Kans.; B.S. University of Arizona, 1978. Biochemistry, Cellular and Molecular Biology Program—Pharmacology and Experimental Therapeutics.

Glycoproteins of Human Macrophages and Murine Fibroblasts: Biochemical and Histochemical Studies.

Debra L. Niehoff, of McKees Rock, Pa.; B.S. Carnegie-Mellon University, 1978. Pharmacology and Experimental Therapeutics.

Multiple Benzodiazepine Receptors: Biochemical Characterization and Localization by Radiohistochemistry.

José Victor Pardo, of Coral Gables, Fla.; B.S. University of Miami, 1975. Biochemistry, Cellular and Molecular Biology Program—Physiological Chemistry.

Costameres and Isoactin Sorting: Novel Aspects of Striated Muscle Cyto-organization.

Marian L. Plunkett, of Philadelphia, Pa.; B.S. Drexel University, 1977. Biochemistry, Cellular and Molecular Biology Program—Biophysics.

Biochemical Studies of Murine Ia Antigens.

Sabina I. Robinson, of Baltimore, Md.; B.A. State University of New York (Buffalo), 1978. Pharmacology and Experimental Therapeutics.

The Association of Actively Transcribing Genes with the Nuclear Matrix of Chicken Oviduct Cells.

Gabriele Valeria Ronnett, of Mt. Prospect, Ill.; B.A. Johns Hopkins University, 1976; M.D., 1979. Biochemistry, Cellular and Molecular Biology Program—Physiological Chemistry.

The Synthesis, Processing, Glycosylation, and Regulation of the Insulin Receptor in 3T3-L1 Adipocytes.

David A. Scheinberg, of Scarsdale, N.Y.; A.B. Cornell University, 1977. Pharmacology and Experimental Therapeutics.

Proteins Associated with Retroviral Tumors and Monoclonal Antibody Diagnosis and Therapy.

Robert Francis Siliciano, of Elmira, N.Y.; A.B. Princeton University, 1974. M.D. Johns Hopkins University, 1982. Biochemistry, Cellular and Molecular Biology Program—Molecular Biology and Genetics.

A Novel Single Receptor Model for Antigen Recognition by T Lymphocytes.

Robert Scott Stearman, of Bethesda, Md.; B.A. Northwestern University, 1976. Biochemistry, Cellular and Molecular Biology Program—Molecular Biology and Genetics.

Characterization of an Inducible Murine Gene for Serum Amyloid A Protein.

Diana Lynn Weiner, of Bronx, N.Y.; B.A. Hofstra University, 1977. Biochemistry, Cellular and Molecular Biology Program—Pharmacology and Experimental Therapeutics.

Biochemical and Immunological Analyses of Matrix-like Proteins of Cytomegalovirus.

Tommy Kwokwing Wong, of Mahwah, N.J.; B.S. Northwestern State University, 1973. M.S. San Diego State University, 1976. Biochemistry, Cellular and Molecular Biology Program—Physiological Chemistry.

The Biosynthesis and Metabolism of Dolichol.

DOCTORS OF PHILOSOPHY

in The G.W.C. Whiting School of Engineering

Julia Coan Allen, of Washington, D.C.; M.A. The Johns Hopkins University, School of Advanced International Studies, 1979. Geography.

Deforestation, Soil Degradation, and Wood Energy in Developing Countries.

Mikhail Jibrayil Atallah, of Beirut, Lebanon; B.E. American University of Beirut, Lebanon, 1975; M.S.E. The Johns Hopkins University, 1980. Electrical Engineering and Computer Science.

Algorithms for VLSI Networks of Processors.

Christopher Andrew Beattie, of Winston-Salem, N.C.; B.S.E. Duke University, 1975; M.A. The Johns Hopkins University, 1982. Mathematical Sciences.

Some Convergence Results for Intermediate Problems that Displace Essential Spectra.

Robin David Becker, of Baltimore, Md.; B.S. University of Rochester, 1976. Electrical Engineering and Computer Science.

A Comparison of Two Speech-to-Tactile Transforms: Channel Vocoder and Area Function Derived by Linear Predictive Coding.

Robert Henry Caverly, of Fayetteville, N.C.; B.S. North Carolina State University, 1976; M.S., 1978. Electrical Engineering and Computer Science.

Microwave Hall Effect Measurements at Low Temperatures.

Frank Willard Davis, of Baltimore, Md.; B.A. Williams College, 1975. Geography.

The History of Submerged Aquatic Vegetation at the Head of Chesapeake Bay: A Stratigraphic Study.

Dulal Chandra Goswami, of North Lakhimpur, Assam; B.Sc. University of Gauhati, India, 1961; M.Sc. University of Sagar, Sagar M.P., 1964. Geography.

Brahmaputra River, Assam (India): Suspended Sediment Transport, Valley Aggradation and Basin Denudation.

Min Koo Han, of Seoul, Korea; B.S.E. Seoul National University, Korea, 1971. Electrical Engineering and Computer Science.

Characterization and Optimization of Silicon Solar Cells.

Bruce Lutton Havlicsek, of Reisterstown, Md.; B.S.E.E. University of Maryland, 1970; M.S.E.E. New York University, 1972; M.S. The Johns Hopkins University, 1978. Electrical Engineering and Computer Science.

A New System-Level Approach to Diagnosability.

Stephen Francis Lintner, of San Diego, Calif.; B.A. California State College, 1971. Geography.

The Historical Physical Behavior of the Lower Susquehanna River, Pennsylvania 1801-1976.

Andrew Jay Miller, of New York, N.Y.; B.A. Brown University, 1975. Geography.

Shore Erosion Processes, Rates and Sediment Contributions to the Potomac Tidal River and Estuary.

Wai-See Moy, of Randolph, Mass.; B.A. University of Western Ontario, Canada, 1975. Geography.

Reliability, Resilience and Vulnerability in Reservoir Operation.

Maria Beatriz Nofal, of Mendoza, Argentina; B.A. National University of Cuyo, 1975; Diploma Institute of Social Studies, The Netherlands, 1976. Geography.

The Dynamics of the Motor Vehicle Industry in Argentina.

Alastair Douglas Robertson, of Cambridge, Mass.; B.A. Harvard University, 1963; M.S. University of California, 1969. Mathematical Sciences.

Selection of Tests in Medical Screening.

Neil Robert Smith, of Edinburgh, Scotland; B.Sc. University of St. Andrews, Scotland, 1977. Geography.

Uneven Development: The Production of Nature Under Capitalism.

Hermann Sveinbjornsson, of Reykjavik, Iceland; B.S. University of Iceland, 1976; M.E.S. Miami University, Ohio, 1978. Geography.

The World Aluminum Industry and Its Host Countries: Case Studies of Electric Energy Policy Formulation.

DOCTORS OF PHILOSOPHY

in The School of Arts and Sciences

Roger Arthur Antaya, of Washington, D.C.; B.A. Georgetown University, 1974. Classics.

The All-Night Festivals of the Greeks.

Danka Antolović of Zagreb, Yugoslavia; Diploma, University of Zagreb, Yugoslavia, 1978; M.A. The Johns Hopkins University, 1981. Chemistry.

On the Analytical and Computational Aspects of the (2-2)-Type Three Center Integrals Over Slater Type Atomic Orbitals.

Jean Barbara Axelrad, of Lincoln, Nebr.; B.A. McGill University, Canada, 1974; M.A., 1976; M.A. The Johns Hopkins University, 1980. Philosophy.

An Interpretation of Marx's Metaphor of Base and Superstructure.

David Pressley Baker, of Pittsburgh, Pa.; B.A. Albion College, 1974; M.S. Boston University, 1975. Social Relations.

Gender and Academic Expectations of Young Children: An Explanation of How a Status Characteristic Affects Academic Socialization.

Jon Alan Bakken, of Lynwood, Calif.; B.A. College of St. Benedict, 1977; M.A. The Johns Hopkins University, 1979. Physics.

Prompt Muon Rate from e^+e^- Annihilations at 29 GeV.

Desiree Lee Bartlett, of Baltimore, Md.; M.A. The Johns Hopkins University, 1982. Chemistry.

Synthesis and Evaluation of Inhibitors of 4-Methylsterol Oxidase.

Gwendalyn Ruth Champion Baumann, of Boston, Mass.; B.S. Massachusetts Institute of Technology, 1976; M.A. The Johns Hopkins University, 1978. Chemistry.

The Synthesis of Nitrogen/Sulfur Ligands and their Metal Complexes.

Ronald Edmund Bell, of Pittsfield, Mass.; B.S. Reusselaer Polytechnic Institute, 1975; M.A. The Johns Hopkins University, 1978. Physics.

An Extreme Ultraviolet Study of Tokamak Plasmas Using a Time-Resolving Spectrograph.

- Roger Glenn Brown, of Bristol, Tenn.; B.S. University of Tennessee, 1972. Political Science.
Partisanship and Party Leadership in the Contemporary Presidency.
- Leslie Brubaker, of Urbana, Ill.; M.A. Pennsylvania State University, 1975. History of Art.
The Illustrated Copy of the Homolies of Gregory of Nazianzus in Paris (Bibliothèque Nationale, cod. gr. 510.)
- Wayne Arlington Bryden, of Chestertown, Md.; B.S. Frostburg State College, 1977; M.A. The Johns Hopkins University, 1982. Chemistry.
Magnetism and the Mott Transition: Studies on Solid Solutions of Organic Charge-Transfer Salts.
- Catherine Mary Busch, of Shreveport, La.; B.A. Centenary College of Louisiana, 1978; M.A. The Johns Hopkins University, 1981. Psychology.
The Theory and Measurement of Three Independent Personality Dimensions: Impulsivity, Self-Control, and Caution.
- Francesco Caramazza, of Montreal, Quebec, Canada; B.A. Sir George Williams University, 1970; M.A., 1971; M.A. The Johns Hopkins University, 1976. Political Economy.
Exchange Rate Management and Monetary Policy: The Italian Experience.
- Beverly Ann Carragher, of Washington, D.C.; B.S. University of Maryland, 1974; M.A. The Johns Hopkins University, 1977. Physics.
Low-Energy Electron-Carbon Monoxide Scattering in the Fixed-Nuclei Approximation.
- Fred Barry Chernoff, of Los Angeles, Calif.; B.A. Rutgers University, 1973. Philosophy.
Rules of Acceptance for Inductive Logic: A Study of Decision-Theoretic Foundations.
- David Charles Christian, of Shaker Heights, Ohio; B.S. Yale University, 1976; M.A. The Johns Hopkins University, 1979. Physics.
Limits on Baryonium Production in Antiproton-Proton Interactions.
- Tamal Datta Chaudhuri, of Calcutta, India; B.A. University of Calcutta, India, 1972; M.A., 1974; M.A. The Johns Hopkins University, 1981. Political Economy.
The Role of Institutions in Intersectoral Movement of Labour-A Theoretical Analysis.
- Sally Ann Davenport, of Oakland, Calif.; B.A. Stanford University, 1963; M.A. University of California, 1968. Political Science.
Smuggling in Reform: Equal Opportunity and the Higher Education Act, 1965-1980.
- Randall Neil Diffenderfer, of New Cumberland, Pa.; B.A. The Johns Hopkins University, 1973; M.A., 1981. Chemistry.
Ab Initio Electronic Properties MgO and CaO Using Newly Developed State-Averaged Multi-Configuration Self-Consistent Field/Configuration Interaction Techniques.
- Carol-Ann Marie Emmons, of Chicago, Ill.; B.S. Carrol College, 1979; M.A. The Johns Hopkins University, 1981. Psychology.
Validation of a Self-Report Inventory for Identifying Depression in the Medically Ill.
- Horace Lockwood Fairlamb, of Ruston, La.; B.A. Princeton University, 1969; M.A. Middlebury College, 1976. Humanities.
The Chain of Chaos: A Study in Hermeneutics.
- Donna Kathleen Fox, of Washington, Pa.; B.A. Case Western Reserve University, 1972. Biology.
The Purification and Characterization of Acetate Kinase from Salmonella Typhimurium.
- Alan D. Frankel, of New York, N.Y.; B.S. State University of New York at Stony Brook, 1978. Biology.
Sequence-specific Recognition of DNA by the HinfI Restriction Endonuclease.
- Eugene K. Galbraith, of Baltimore, Md.; B.A. The Johns Hopkins University, 1974. Anthropology.
Facets of Social Experience: Household, Family and Compadrio in a Northeast Brazilian Community.
- Susan Antoinette Dresner Garfield, of Chicago, Ill.; B.S. University of Illinois, 1968; M.S., 1969; B.A. Mills College, 1973; M.A. The Johns Hopkins University, 1977. Humanities.
The Appearance of Reality/The Reality of Appearance: Art, Science and Mathematics in the Works of Borges and Poe.
- Daniel Jonah Gibson, of Pittsfield, Mass.; B.S. Massachusetts Institute of Technology, 1977. Biophysics.
Similar Dynamic Range Adjustments in the Auditory Nerve and Cochlear Nuclei of the Decerebrate Cat.
- James Dickey Goodyear, Jr., of Sharon, Mass.; B.A. Hartwick College, 1967; M.A. The Johns Hopkins University, 1976. History.
Agents of Empire: Portuguese Doctors in Colonial Brazil and the Idea of Tropical Disease.
- Diane F. Gottlieb, of Buffalo, N.Y.; B.A. Cornell University, 1956; M.A. American University, 1969; M.A. The Johns Hopkins University, 1980. Philosophy.
Wittgenstein's Concept of a Rule of Language in the Philosophical Investigations.

- Vincent Grano, of Teaneck, N.J.; B.A. Rutgers University, 1968; M.A. The Johns Hopkins University, 1977. Earth and Planetary Sciences.
On the Nontidal Circulation of the Upper Chesapeake Bay.
- Ronald Duane Graybill, of St. Helena, Calif.; B.A. Andrews University, 1966; B.D., 1968; M.A. The Johns Hopkins University, 1977. History.
The Power of Prophecy: Ellen G. White and the Women Religious Founders of the Nineteenth Century.
- Shalini Gupta, of Dehra Dun, India; B.A. Delhi University, India, 1969; B.A. Concordia University, Canada, 1977; M.A. The Johns Hopkins University, 1980. Psychology.
Assigning Referents to Pronouns: The Roles of Discourse Structure and Working Memory during Pronoun Resolution.
- Timothy John Hallman, of Milford, Conn.; B.S. Muhlenberg College, 1974; M.A. The Johns Hopkins University, 1977. Physics.
A Study of Central Collisions of Relativistic ^{12}C and ^{40}Ar on ^{208}Pb , Using Neutral and Charged Pi-Meson Production and Charged Particle Multiplicity as Probes.
- Alice H. R. Hauck, of St. Louis, Mo.; B.A. University of Rochester, 1966; M.A. Brown University, 1969. History of Art.
John Ruskin's Uses of Illuminated Manuscripts and Their Impact on His Theories of Art and Society.
- John Alfred Heitmann, of Buffalo, N.Y.; B.S. Davidson College, 1970; M.A. Clemson University, 1974. History of Science.
Scientific and Technological Change in the Louisiana Sugar Industry 1830-1910.
- Robert Hersher, of New York, N.Y.; B.S. State University of New York, 1975; M.A. The Johns Hopkins University, 1981. Earth and Planetary Sciences.
The Systematics and Evolution of the Hydrobiid Snails (Gastropoda: Rissoacea) of the Cuatro Ciénegas Basin, Coahuila, Mexico.
- Craig Alan Hoppe, of Baltimore, Md.; B.A. College of Wooster, 1973; M.S. Case Western Reserve University, 1974; M.S. Ohio State University, 1976. Biology.
The Binding, Internalization and Degradation of Mannose Neoglycoproteins by the Rabbit Alveolar Macrophage.
- David Earl Irvine, of Hinsdale, Ill.; B.S. Purdue University, 1972; M.S. 1973; M.A. The Johns Hopkins University, 1977. Earth and Planetary Sciences.
The Interaction of Long Waves and Short Waves in the Presence of Wind.
- Thomas Christopher Johnsen, of Baltimore, Md.; B.A. Harvard University, 1973; M.A. The Johns Hopkins University, 1978. History.
Christian Science and the Puritan Tradition.
- Pieterjan Willem Kat, of Amstelveen, The Netherlands; B.S. University of Rochester, 1975; M.A. The Johns Hopkins University, 1979. Earth and Planetary Sciences.
Morphology, Reproduction, Genetics, and Speciation Among Atlantic Slope Unionids (Mollusca: Bivalvia).
- John Falk Kelley, of Hollywood, Calif.; B.A. University of California, 1976; M.A. The Johns Hopkins University, 1980. Psychology.
Natural Language and Computers: Six Empirical Steps for Writing an Easy-to-use Computer Application.
- Deborah P. Kelly, of Larchmont, N.Y.; B.S. University of Vermont, 1974; M.A. The Johns Hopkins University, 1977. Political Science.
Rape Victims' Perceptions of Criminal Justice.
- Maria Antonina Kukuruzinska, of Washington, D.C.; B.A. Bryn Mawr College, 1974. Biology.
Characterization of Enzyme I of the Salmonella typhimurium Phosphoenolpyruvate: Glycose Phosphotransferase System.
- Kerry Charles Larson, of Minneapolis, Minn.; B.A. University of Iowa, 1977; M.A. The Johns Hopkins University, 1979. English.
Betrayers and The Betrayed: The Cult of Genius in the Age of Emerson.
- Ron Lovewell Levin, of Washington, D.C.; B.A. The Johns Hopkins University, 1976; M.A., 1978. Physics.
The Investigation of Pion Capture in Permanently Deformed Nuclei through Coincident Neutron and Gamma Ray Spectroscopy.
- Po-sheng Lin, of Hsinchu, Taiwan; B.A. Tunghai University, 1975; M.A. The Johns Hopkins University, 1979. Political Economy.
International Capital Movements and the Theory of Trade and Welfare.
- Tim K. Lowenstein, of New York, N.Y.; B.A. Colgate University, 1978. Earth and Planetary Sciences.
Deposition and Alteration of an Ancient Potash Evaporite: The Permian Salado Formation of New Mexico and West Texas.
- Anne Chandler Mahon, of Cocoa Beach, Fla.; A.A. Brevard Community College, 1973; B.S. Florida State University, 1976; M.A. The Johns Hopkins University, 1982. Chemistry.
Photoaffinity Labeling and Chemical Modification of Proteins: Application to the Study of Dopamine and Serotonin Receptors.

- Irma Staza Majer, of Washington, D.C.; B.A. University of Maryland, 1975; M.A. The Johns Hopkins University, 1980. Romance Languages.
The Notion of Singularity: The Travel Journals of Michel de Montaigne and Jean de Léry.
- Francis Roland Mariner, of Boston, Mass.; B.A. Bowdoin College, 1974; M.A. The Johns Hopkins University, 1977. Romance Languages.
Janicist Memoirs and Autobiography.
- Rickey Roy Marrs, of Baltimore, Md.; B.A. Abilene Christian College, 1973. Near Eastern Studies.
The Šyry-Hm̄ Iwt (Psalms 120-134): A Philological and Stylistic Analysis.
- Sante Matteo, of Orem, Utah; B.A. Kenyon College, 1971; M.A. The Johns Hopkins University, 1977. Romance Languages.
Jacopo, Yorick, and Didimo: Textual Voices in Search of a Reader.
- Robin Wilson Morgan, of Elizabeth City, N.C.; B.S. Meredith College, 1977. Biology.
Histochemical and Biochemical Alterations Occurring in the Glandular Stomach of Carcinogen-Treated Rats, with Emphasis on Use in Detection of Intestinal Metaplasia and Adenocarcinoma.
- Robert Keith Moyzis, of Chicago, Ill.; B.A. Northeastern Illinois University, 1971. Biology.
I. An Alternative View of DNA Sequence Organization. II. Changes in Gene Expression Accompanying Neoplastic Transformation.
- Indrani Mukharji, of Calcutta, India; B.A. Wellesley College, 1976; M.A. The Johns Hopkins University, 1981. Chemistry.
Studies on Hydroxysteroid Dehydrogenase.
- Sara Tilghman Nalle, of Greenwich, Conn.; B.A. Bryn Mawr College, 1975; M.A. The Johns Hopkins University, 1978. History.
Religion and Reform in a Spanish Diocese: Cuenca, 1545-1650.
- Rita Catherine O'Connor, of New York, N.Y.; B.A. Fordham University, 1967; M.A. University of Michigan, 1968. Political Science.
Controlling Health Care Costs: The Politics of Health Care Technology.
- William David Ohriner, of Brooklyn, N.Y.; B.A. State University of New York, 1974. Biology.
Studies on the Intrinsic Nature of the B-Lymphocyte Defect in the CBA/N Mouse.
- Daniel Charles Quinlan, of Windsor, Vt.; B.A. University of Vermont, 1973. Social Relations.
The World Context, Personal Income Inequality, and Political Democracy: A Cross-National Analysis.
- Day William Radebaugh, Jr., of Farmington, Mich.; B.A. Michigan State University, 1967; M.A. The Johns Hopkins University, 1974. Philosophy.
Theoretical Indeterminacy of Information-Processing Theories of Cognitive Behavior.
- Jai-Hyon Rho, of Pasadena, Calif.; B.S. California Institute of Technology, 1976. Biophysics.
Restoration of the Retinotectal Map after Various Surgical Manipulations of the Frog's Tectum.
- Susan Elizabeth Riblett, of Annapolis, Md.; B.A. Swarthmore College, 1977; M.A. The Johns Hopkins University, 1978. Chemistry.
Photoconduction and Photovoltaic Behavior in Heterofulvalene Compounds.
- Michael Edward Rodgers, of Monongahela, Pa.; B.S. Purdue University, 1975. Biology.
An Investigation of the Physical Properties of Heavy Meromyosin: Evidence of Self-Association Under Physiological Conditions.
- Jean Burrell Russo, of New York, N.Y.; M.A. The Johns Hopkins University, 1980. History.
Free Labor in a Plantation Economy: Talbot County, Maryland, 1690-1760.
- Charles Martin Schlenger, of Flint, Mich.; B.S. University of Michigan-Flint, 1977; M.A. The Johns Hopkins University, 1979. Earth and Planetary Sciences.
The Magnetic Petrology of the Deep Crust and the Interpretation of Regional Magnetic Anomalies.
- David Hugh Schroeder, of Gibson City, Ill.; B.S. University of Illinois, 1975; M.S. Colorado State University, 1978; M.A. The Johns Hopkins University, 1981. Psychology.
A Reassessment of the Effects of Stressful Life Events on Physical Health and Psychological Well-being.
- Michael James Shore, of Falls Church, Va.; B.S. Pennsylvania State University, 1971; M.S., 1972. Earth and Planetary Sciences.
Short period P-Wave Attenuation in the Middle and Lower Mantle of the Earth.
- Ronald James Spencer, of Malden, Mass.; B.A. University of Colorado, 1973; M.S. University of Nevada, 1977. Earth and Planetary Sciences.
Geochemical Evolution of Great Salt Lake, Utah.
- Herschel Wayne Sulfridge, of Sykesville, Md.; B.A. Berry College, 1967; M.L.A. The Johns Hopkins University, 1975; M.A., 1979. Political Science.
Unofficial Groups in the U.S. House of Representatives: The Functions of Legislative Sub-Groups for Individual Members of Congress.
- Ben Gregory Szaro, of Redington Beach, Fla.; B.S.E.E. Massachusetts Institute of Technology, 1976; B.S. in Life Sciences, 1976. Biophysics.
*Studies on Axonal Transport in the Optic Nerve of *Xenopus Laevis*.*

- Bing-sheng Tai, of Taipei, Taiwan; B.S. National Taiwan University, 1976. Mathematics.
On a Generalization of Kronecker's Limit Formula.
- William Walter Taschek, of Albuquerque, N.M.; B.A. Reed College, 1976; M.A. The Johns Hopkins University, 1978. Philosophy.
Studies Toward a Theory of Indexical Reference.
- Paul Joseph Toscano, of Baltimore, Md.; B.A. The Johns Hopkins University, 1978; M.A., 1978. Chemistry.
Cobalt Complexes of Biological Interest.
- John Michael Tyson, of Columbia, Md.; B.A. The Johns Hopkins University, 1968; M.A., 1977. Physics.
Mössbauer Study of the Magnetic Properties of the Fe-X Interface.
- Marion Curtis Usselman, of Los Angeles, Calif.; B.A. University of California, 1978. Biophysics.
The Initiation of Sperm Motility in the Rat.
- Rebecca Jo Van Beneden, of Wheeling, W.Va.; B.S. Wright State University, 1974. Biology.
Glucose Phosphate Isomerase system of the Teleost Fundulus Heteroclitus (L): Isolation, Kinetic Characterization, and Metabolic Roles of the Multilocus and the Allelic Isozymes.
- Mario Edmundo Carneiro Vieira, of Baltimore, Md.; M.S. Naval Postgraduate School, 1974; M.A. The Johns Hopkins University, 1978. Earth and Planetary Sciences.
A Study of the Non-tidal Circulation in a Segment in the Middle Reaches of the Chesapeake Bay.
- Rajiv Vohra, of New Delhi, India; B.A. St. Stephen's College, India, 1977; M.A. The Johns Hopkins University, 1981. Political Economy.
Increasing Returns, Public Goods and General Equilibrium Theory.
- Ralph Franklin Wachter, of Frederick, Md.; B.A. The Johns Hopkins University, 1972; M.A., 1979. Mathematics.
On Zeta Functions.
- Stephen Robert Wagner, of Phoenix, Ariz.; B.S.E.P. University of Arizona, 1975; M.A. The Johns Hopkins University, 1979. Physics.
Event Structure and Resonance Production in Exclusive Antiproton-proton Annihilations at 8.3 and 13.0 GeV/c.
- Harry Ven-chih Wang, of Taipei, Taiwan; B.S. National Taiwan University, 1975. Earth and Planetary Sciences.
Stationary Non-linear Internal Wave Interactions with a Shear Current.
- Mary Martha Ward, of Raleigh, N.C.; B.A. University of North Carolina at Chapel Hill, 1973; M.A. The Johns Hopkins University, 1975. History of Art.
Camille Pissarro in the 1880s.
- Sheila Faith Weiss, of Brooklyn, N.Y.; B.A. Northwestern University, 1974; M.A. The Johns Hopkins University, 1980. History of Science.
Race Hygiene and the Rational Management of National Efficiency: Wilhelm Schallmayer and the Origins of German Eugenics, 1890-1920.
- Gary Lewis Willingham, of Kingsport, Tenn.; B.A. University of Tennessee, 1975; M.A. The Johns Hopkins University, 1977. Chemistry.
Synthesis and Characterization of Spin Labeled Cross-linking Reagents and Their Application to the Study of Erythrocyte Proteins.
- Richard John Willke, of Columbus, Ohio; B.S. Ohio State University, 1976; M.A. The Johns Hopkins University, 1978. Political Economy.
An Analysis of Labor Supply and Human Capital Investment under Investment Subsidization.
- Steven Francis Wojtal, of Albany, N.Y.; B.S. Brown University, 1974; M.A. The Johns Hopkins University, 1976. Earth and Planetary Sciences.
Finite Deformation in Thrust Sheets and their Material Properties.
- Seth August Wolfe, Jr., of Baltimore, Md.; B.A. Dickinson College, 1971. Biology.
Modulatin of Tumor Immunity by BCG: Definition of a New Class of Cytotoxic Cells.
- Kathleen Marie O'Boyle Wujcik, of Wilkes-Barre, Pa.; B.S. King's College, 1977. Biology.
In Vivo and In Vitro Transcription of the Endogenous Intracisternal A-Particle Proviral DNA and the Adjacent Cellular Sequences in Mus musculus Myeloma and Normal Tissues.
- Avihu Zakai, of Jerusalem, Israel; B.A. Hebrew University of Jerusalem, 1975; M.A. The Johns Hopkins University, 1981. History.
Exile and Kingdom: Reformation, Separation, and the Millennial Quest in the Formation of Massachusetts and Its Relations with England, 1628-1660.
- Terese Schwartzman Zinner, of Philadelphia, Pa.; B.A. Brandeis University, 1973; M.A. Harvard University, 1974. Political Science.
The Politics of Regional Development in the Soviet Union: A Case Study of Uzbekistan.



THE JOHNS HOPKINS UNIVERSITY • BALTIMORE, MARYLAND 21218

OFFICE OF THE REGISTRAR

July 1, 1983

For those who use the Commencement Program as an official record of the awarding of degrees, please note the following changes to the 1983 Commencement Program:

1. Bachelor of Arts Degrees (Arts and Sciences)

Add: James Ernest Adle, of Burtonsville, Md.
Gregory John Oliveri, of Yorktown Heights, N.Y. (Posthumously)

Delete:	Nancy Pauline Armstrong	Ned Hoffman
	Jeanne M. Boland	Sung Jin Hwang
	Katina Ann Bovis	Walter Emile Knight
	John Richard Brett-Smith	Stephen Philip Menn
	Patrice Lynn Brod	Douglas James Miller
	Allan Frederick Bukowski	Thomas Jay Montanaro
	Timothy St. George Chapin	Eric Paul Nenon
	Emory Todd Deiterich	John Adrian Petrie III
	Steven Harold Feder	Carol Arlene Prescott
	Eve Sophia Ferdman	Li-Hsien Rin
	Sharynne Mary George	Duane Warren Schmidt
	Donald Robinson Gordon	Loretta Anne Sprissler
	Ronald Hervey Hall	Chester LeeRoy Wagstaff II
	Coos Hamburger	Susan Frances Weissfeld

2. Bachelor of Engineering Science Degrees (Engineering)

Delete:	Kenneth Ezra Dworkin	Rhonda Yvonne Robinson
	Jeffrey William Honeycutt	Isabel Lynn Sigman
	Steven Edward Okonski	

3. Bachelor of Arts Degrees (Engineering)

Add: Kenneth Ezra Dworkin, of Kensington, Md.

Delete:	Louis Jacob Hollander	Paul Victor Keller
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4. Bachelor of Science in Engineering Degrees (The Evening College)

Add: Terif Costen Young, of Shepherdstown, W.Va.; Mechanical.

5. Master of Science Degrees (The Evening College)

- Add: Brenda Jean Bailey, of Baltimore, Md.; B.S. Coppin State College, 1974. Education.
- Cynthia Koloup Belden, of Baltimore, Md.; B.A. University of Maryland, Baltimore County, 1979. Education.
- Celia Ann Brown, of Baltimore, Md.; B.S. Towson State University, 1979. Education.
- Patricia Annette Caldwell, of Baltimore, Md.; B.S. Appalachian State University, 1966. Education.
- Mary Pitt Davis, of Laurel, Md.; B.S. University of Washington, 1966; B.A., 1967. Education.
- Jeannie Gruzin, of Baltimore, Md.; B.A. University of Maryland, 1976. Education.
- Ernestine Wood Lewis, of Baltimore, Md.; B.S. Coppin State College, 1964; M.Ed. The Johns Hopkins University, 1970. Education.
- Manjula Verma Pathak, of Annapolis, Md.; M.B.B.S. Armed Forces Medical College, India, 1969. Education.
- Bernadette L. Unger, of Baltimore, Md.; B.A. Miami University, 1981. Urban Planning.
- Delete: Daniel Alan Acton Margaret Miller Lashbrook
Csaba Balint Hanyi Darrell Bruce McIndoe
Gwendolyn Q. Kellam Peter Jeffrey Naron
Rose Tyson Kinney Steven Lee Shadel

6. Master of Liberal Arts Degrees (The Evening College)

- Add: Elaine S. Langlois, of Baltimore, Md.; B.A. The Johns Hopkins University, 1980.

7. Master of Administrative Science Degrees (The Evening College)

- Add: Rowan Montgomery Perkins, of Bel Air, Md.; B.S. University of Delaware, 1970.
- Delete: Anne C. Blakeslee Stephen Patrick Mackin, Jr.
Patricia Anne Boisvert Raj Kamal Malhotra
Lacena Rustin Carson Terry L. McNair
Lawrence James Dorsch

8. Master of Music Degrees (The Peabody Conservatory of Music)

- Delete: Bok Hwa Kim Susan Elizabeth Panagini
Gary Everett Marion

9. Master of Health Science Degrees (The School of Hygiene and Public Health)

Add: Janice Blucher Outen, of Baltimore, Md.; B.A. Towson State University, 1974.
Environmental Health Sciences, Environmental Health.

Joseph Zibulewsky, of Easton, Pa.; B.A. LaFayette College, 1981. Epidemiology.

10. Master of Public Health Degrees (The School of Hygiene and Public Health)

Add: Susan O'Donnell O'Toole, of Baltimore, Md.; B.S.N. Georgetown University,
1967; M.S. University of North Carolina, 1974.

11. Master of International Public Policy Degrees (School of Advanced International Studies)

Add: Mohammed Ridha Ali Abdul-Latif, of Washington, D.C.; B.A. Beirut Arab University,
1975.

Yongcheng Chen, of Beijing, China; Graduate Beijing University, 1962.

Michael M. Chibba, of Toronto, Ontario, Canada; B.A. York University, 1973;
D.C.I. University of Ottawa, 1980.

Bantankoula Kamanga, of Kinshasa, Zaire; B.A. Catholic University of Paris, 1976.

David Andrew Walsh, of Washington, D.C.; B.A. Dartmouth College, 1948.

Delete: Nancy Mary DeGumbia	Ronaldo Villanueva Puno
Diana Moxhay	Djibril Sall
Hector Nava	

12. Master of Arts in International Affairs Degrees (School of Advanced International Studies)

Delete: Peter Bracke	Huri Tursan
Damira Skansi	Boguslaw Wiecek

13. Master of Arts Degrees (The School of Advanced International Studies)

Add: Martin E. Andersen, of New York, N.Y.; B.S. University of Wisconsin-Parkside,
1976.

Christopher Barry, of Westmount, Quebec, Canada; B.A. Concordia University, 1975.

Delete: Ben Wade Armfield	John Leslie Carwile
Mohamed Benazzouz	Mary Michael Cavin
Desiree Camille Bulkwell	Michael Thomas Clark
Bonnie Lee Blythe	Cynthia Colleen Connell
Cindy Doreen Brooks	Gilbert Holmes Crawford
Katharine G. Bulkley	Anthony David Czuczka
Jane Burt-Lynn	James Thomas Dunne
David Anthony Bustamante	Emile Anthony Durette
John Steven Butterworth	Laurie Ellen Emrich
Mary-Lyn Campbell	Letitia Latrobe Erler
Bernard Theodore Carreau	Michael Alan Faber

Master of Arts Degrees (con't.) (The School of Advanced International Studies)

Delete: Maria Vittoria Ferreri	Beena A. Ollapally
Linda Filardi	John Henry Ott
Jose Gustavo Garriga	Atta Owusu-Ansah
Ann S. Goldman	James Alan Pasero
Armeen Walker Gould	Mary Susan Pederson
Charles Barrett Haver	Rukhsana Quamber
Rafael Hernandez Mayoral	Lisa Margaret Rennie
Ilene Anne Hersher	Consuelo Ricart
Susan Lee Holmberg	David Channing Richardson
Mary Louise Horkowitz	Harold Joseph Rose
Tod Geoffrey Hutchins	Rebecca Lorraine Rose
Miles Anthony Jacoby	John David Rosin
Francesca Starr Jessup	William Edward Sabourin
Jerry W. Johnson	Michelle Anne Saltmarsh
Rosanna M. P. Joseph	Jerome Vincent Sauvage
Nan Terese Kennelly	Brent Edward Shay
Elizabeth Patricia Klages	Joan Amy Shifrin
Carla Frederica Kruytbosch	Mfolwe Shole
William S. Kuhn	Neeta G. Sirur
Laurel Rosalind LaCivita	Babette Hecht Sonnenfeldt
Barbara E. La Marr	Anne-Marie Stanley
Susan Valentine Tolkmith Larson	Anita Stephen
Catherine Nakatsuka Lee	Charles Richard Steuart
Michael William Liikala	Bart Stevens
David Nicholson Low	Ellen Frances Stofla
Nancy Ellen Lowd	Howard David Sugar
Eric W. Luftman	Ann Frances Talamas
Gail M. Lusby	Gary Martin Talarico
Linda Faye Marion	Heather Raye Taylor
John Henry Martin	Brenda Sue Watson
Christopher Kendall Bartell Mason	Karen Lynne Weber
Morgan Thomas McGrath	Daniel Todd Westrick
Patrick Sean McGurn	John Channing Wickham
Lynn Moore	Cary Mitchell Wilcomb
Marjorie Mary Ualani Morris	Karen Leigh Wilson
Dean E. Murphy	Kathleen Mary Zaffina
Makito Noda	Richard Harlan Zechter

14. Master of Arts Degrees (Arts and Sciences)

Delete: Dat Bui-Quang

15. Doctor of Philosophy Degrees (The School of Advanced International Studies)

Delete: Larry R. Kohler

