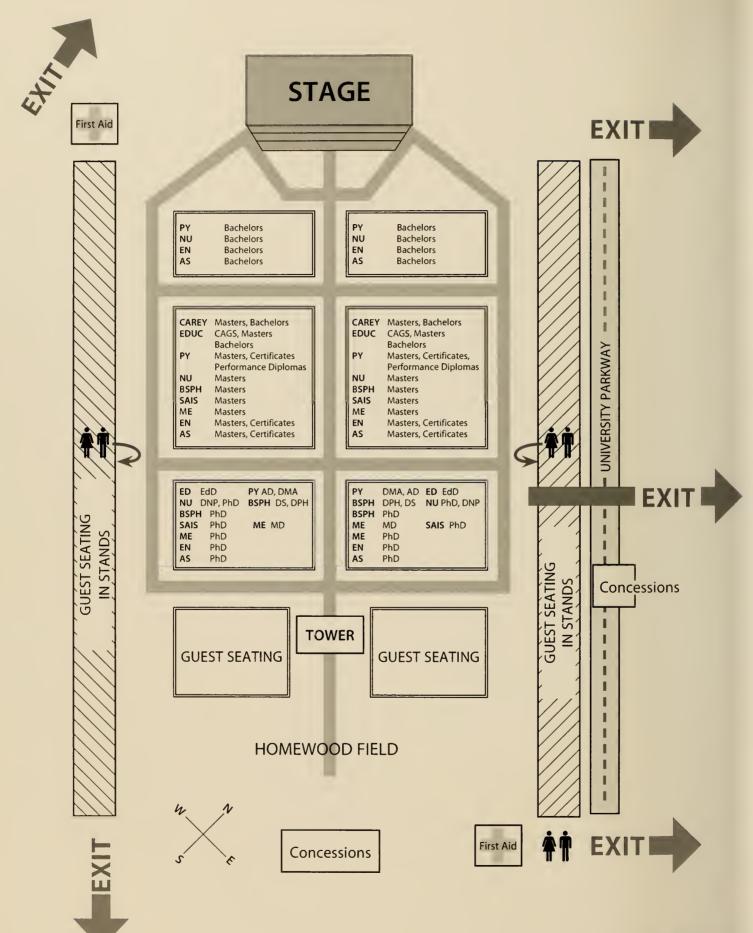
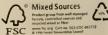


Conferring of degrees at the close of the 135th academic year

# The Johns Hopkins University

May 26, 2011 8:40 a.m.





# CONTENTS

Order of Seating .....ii Order of Procession .....1 Order of Events .....2 Conferring Degrees .....3 Johns Hopkins Society of Scholars.....6 Honorary Degree Citations .....11 Academic Regalia .....14 Awards .....16 Honor Societies .....26 Student Honors .....30 Candidates for Degrees .....36

Divisional Ceremonies Information......99

Please note that while all degrees are conferred, only doctoral and bachelor's graduates process across the stage. Taking photos from your seats during the ceremony is allowed, but we request that guests respect each other's comfort and enjoyment by not standing and blocking other people's views.

Photos of graduates can be purchased from Grad Images: www.gradimages.com or (800) 261-2576. DVDs can be purchased from GradMemory: www.gradmemory.com or (866) 997-GRAD.

The Johns Hopkins University is strongly committed to protecting the environment and "going green" across our campuses. Today is no exception. We have taken action to reduce waste and promote sustainability during Commencement in a variety of ways. This program is printed on the highest standard of socially and environmentally responsible paper; our caps and gowns are made from 100 percent recycled materials; stage decor is reused every year; our caterers are local and specialize in green practices; and our dinnerware is compostable rather than disposable. In addition, we have published a great deal of information on the Internet to cut down on printed materials. We invite you to join our efforts to help the planet—all you have to do is place your biodegradable water bottle in one of the many bins marked "compost" on Homewood Field. We appreciate your cooperation!

# ORDER OF SEATING

Bachelors – Peabody Bachelors - Nursing Bachelors - Engineering Bachelors - Arts and Sciences Masters, Certificates, and Bachelors - Business Masters, Certificates, and Bachelors - Education Performance Diplomas and Masters – Peabody Masters - Nursing Masters - Public Health Masters - Advanced International Studies Masters – Medicine Masters and Certificates – Engineering Masters and Certificates - Arts and Sciences Doctors of Education - Education Artist Diplomas and Doctors of Musical Arts - Peabody Doctors of Nursing Practice and Doctors of Philosophy - Nursing Doctors of Public Health and Doctors of Philosophy - Public Health Doctors of Philosophy - Advanced International Studies Doctors of Medicine and Doctors of Philosophy - Medicine Doctors of Philosophy – Engineering Doctors of Philosophy - Arts and Sciences

# ORDER OF PROCESSION

#### Marshals for the Graduates

Yanif Ahmad Ruth Aranow Ioel Bader Bruce Barnett Michael Barone **Doug Barrick** Mary Ellen Beaty-O'Ferrall Adriene Breckenridge **Richard Brown** Terry Brown Kathleen Bruffett Tristan Davies Jonah Erlebacher Shelly Fickau **Emily Fisher** Jonathan Flombaum Pier Forni

Amy Foster Mark Foster **Richard Giarusso** Andrea Carlson Gielen Linda Gorman Claude Guillemard Jane Guyer Hae Ra Han Robert Horner **Douglas Hough** Yuki Johnson Thomas Koenig Judith Mitrani-Reiser Linda Moulton Cindy Parker Linda Pressley Joshua Reiter

Hollis Robbins Michelle Rodriguez Solomon Benjamin Schafer Guru Sethupathy Sarah Shaefer Richard Shingles Denise Shipley William Smedick Kay Smith Ellen Snydman Mary Terhaar David Verrier Beverly Wendland Sidney Yin Anita Young

Handshakers Sarah Clever Steven David Pamela Jeffries Mellasenah Morris Elizabeth Platz Michael Rosenberg Edward Scheinerman Kellee Tsai

### The Deans

Chief Marshal Lloyd Minor Provost and Senior Vice President for Academic Affairs

The President of the Alumni Association The Honorary Degree Candidates The Chair of the Board of Trustees The President of the University

#### The Graduates

Marshals for the Faculties Michela Gallagher and Scott Zeger

The Faculties

Marshals for the Principals Sarah Steinberg and Caroline Laguerre-Brown

> Officers of the University The Trustees Members of the Society of Scholars Members of the Senior Class Council Student Chairs of the Hopkins Fund

Readers for Presentation of Degree Candidates Susan Boswell William Conley Marc Donohue Andrew Douglas Karen Fleming James Fry John Latting Janet Weise

# ORDER OF EVENTS

Ronald J. Daniels President of the University, presiding

### Prelude

The Archipelago Project

PROCESSION

The Archipelago Project

The audience is requested to stand as the Processional moves into the area and to remain standing until after the national anthem.

### INVOCATION

Kathy Schnurr University Associate Chaplain

THE NATIONAL ANTHEM OF THE UNITED STATES OF AMERICA

Performed by Amber Schwarzrock, Peabody Class of 2011

# GREETINGS

Pamela P. Flaherty Chair of the Board of Trustees

### GREETINGS

Raymond Snow President of The Johns Hopkins Alumni Association

# REMARKS

Ronald J. Daniels President of the University

# PRESENTATION OF NEW MEMBERS OF THE SOCIETY OF SCHOLARS

Eric Brill Kathleen Ruth Cho Anna Mae Diehl Norman Fost Stephen W. Hargarten Gordan Lauc Michael A. Levine Kenneth J. Pienta Linda M. Reilly Madeline A. Shea Jonathan W. Simons Roger E. Stevenson Flaura Koplin Winston

PRESENTED BY Lloyd B. Minor Provost and Senior Vice President for Academic Affairs

### **CONFERRING OF HONORARY DEGREES**

C. Michael Armstrong John S. Barth Freeman A. Hrabowski III David M. Serwadda David Simon Fareed R. Zakaria

### REMARKS

Joshua Ayal President, Class of 2011

#### ANNOUNCEMENT OF AWARDS

Joshua Ayal, President, Class of 2011 and Raymond Snow, President of The Johns Hopkins Alumni Association

## **COMMENCEMENT CEREMONY ADDRESS**

Fareed R. Zakaria Host, CNN's "Fareed Zakaria GPS" and Editor-at-Large, Time magazine

### PRESENTATION OF SENIOR CLASS GIFT

Presented by Samuel Lichtenstein and Max Dworin, Gift Chairs, Class of 2011 Presented to Ronald J. Daniels, President of the University

# CONFERRING OF DEGREES ON CANDIDATES

Doctors of Education

PRESENTED BY David W. Andrews Dean, School of Education

Artist Diplomas Doctors of Musical Arts

PRESENTED BY Jeffrey Sharkey Director, The Peabody Institute

Doctors of Nursing Practice Doctors of Philosophy

PRESENTED BY Martha N. Hill Dean, School of Nursing

Doctors of Public Health Doctors of Philosophy

PRESENTED BY Michael J. Klag Dean, Bloomberg School of Public Health

Doctors of Philosophy

PRESENTED BY Jessica P. Einhorn Dean, Paul H. Nitze School of Advanced International Studies

> Doctors of Medicine Doctors of Philosophy

PRESENTED BY Edward D. Miller Frances Watt Baker, M.D., and Lenox D. Baker Jr., M.D. Dean of the Medical Faculty Doctors of Philosophy

PRESENTED BY Nicholas P. Jones Benjamin T. Rome Dean G.W.C. Whiting School of Engineering

Doctors of Philosophy

PRESENTED BY Katherine S. Newman James B. Knapp Dean Zanvyl Krieger School of Arts and Sciences

Masters of Science Master of Science in Information and Telecommunication Systems in Business Masters of Business Administration Graduate Certificates Bachelors of Science Carey School of Business

> Certificates of Advanced Graduate Study Post-Master's Certificates Masters of Science Masters of Arts in Teaching Graduate Certificates Bachelors of Science School of Education

Graduate Performance Diplomas Masters of Music Masters of Arts The Peabody Institute

# CONFERRING OF DEGREES ON CANDIDATES (CONTINUED)

Masters of Science in Nursing Masters of Science in Nursing/Masters of Business Administration Masters of Science in Nursing/Masters of Public Healtb School of Nursing

> Masters of Science Masters of Health Science Masters of Health Administration Masters of Public Health Bloomberg School of Public Health

Masters of Arts Masters of Arts in International Affairs Masters of International Public Policy Paul H. Nitze School of Advanced International Studies

> Masters of Science Masters of Arts School of Medicine

Post-Master's Advanced Certificates Masters of Science in Engineering Masters of Science in Engineering in Bioengineering Innovation and Design Masters of Science in Engineering in Financial Mathematics Masters of Science in Engineering Management Masters of Science in Engineering Management Masters of Chemical and Biomolecular Engineering Masters of Civil Engineering Masters of Environmental Engineering Masters of Materials Science and Engineering Masters of Mechanical Engineering Masters of Arts Graduate Certificates G.W.C. Whiting School of Engineering

Masters of Science Masters of Science in Bioinformatics Masters of Science in Bioscience Regulatory Affairs Masters of Science in Biotechnology Masters of Science in Business Policy and Climate Masters of Science in Environmental Sciences and Policy Masters of Fine Arts Masters of Arts Masters of Arts in Applied Economics Masters of Arts in Communication Masters of Arts in Global Security Studies Masters of Arts in Government Master of Arts in Museum Studies Masters of Arts in Writing Masters of Liberal Arts Masters of Science in Biotechnology/Masters of Business Administration Masters of Arts in Communication/Masters of Business Administration Masters of Arts in Government/Masters of Business Administration Certificates of Advanced Graduate Study in Liberal Arts Certificates in Biotechnology Enterprise Certificates in National Security Studies Graduate Certificates in Geographic Information Systems Zanvyl Krieger School of Arts and Sciences

> PRESENTED BY Lloyd Minor Provost and Senior Vice President for Academic Affairs

#### Bachelors of Music

PRESENTED BY Jeffrey Sharkey Director, The Peabody Institute

Bachelors of Science

PRESENTED BY Martha N. Hill Dean, School of Nursing Bachelors of Science in Applied Mathematics and Statistics Bachelors of Science in Biomedical Engineering Bachelors of Science in Chemical and Biomolecular Engineering Bachelors of Science in Civil Engineering Bachelors of Science in Computer Engineering Bachelors of Science in Computer Science Bachelors of Science in Electrical Engineering Bachelors of Science in Engineering Mechanics Bachelors of Science in Engineering Mechanics Bachelors of Science in Environmental Engineering Bachelors of Science in Materials Science and Engineering Bachelors of Science in Mechanical Engineering Bachelors of Science in Mechanical Engineering Bachelors of Arts in Applied Mathematics and Statistics Bachelors of Arts in Computer Science

> PRESENTED BY Nicholas P. Jones Benjamin T. Rome Dean G.W.C. Whiting School of Engineering

Bachelors of Science in Molecular and Cellular Biology Bachelors of Science in Physics Bachelors of Arts

> PRESENTED BY Katherine S. Newman James B. Knapp Dean Zanvyl Krieger School of Arts and Sciences

# THE JOHNS HOPKINS UNIVERSITY MOTTO

### Veritas vos liberabit

# RECESSIONAL

The audience is requested to remain standing until the principals, officials, members of the faculties, and the graduates have left the area. The graduate marshals will lead the bachelor candidates to Gilman Hall on Keyser Quadrangle to pick up their diplomas. The doctoral and master's graduates will be led back to the Newton H. White Athletic Center.

Immediately following the ceremony, graduates and their families are invited to attend the President's Reception on Keyser Quadrangle. Light refreshments will be served.

Music for today's ceremony and president's reception is provided by The Archipelago Project, a not-for-profit performance ensemble that brings music education to underserved communities around the world. The group consists of musicians from the United States, Germany and Austria, and includes JHU alumni Peter Lander and Daniel Trahey. The Archipelago Project is accompanied today by Peabody Institute faculty, students and alumni. For more information, please visit www.archipelagoproject.org.

# THE JOHNS HOPKINS SOCIETY OF SCHOLARS

The Society of Scholars was created on the recommendation of then president Milton S. Eisenhower and approved by the university board of trustees on May 1, 1967. The society—the first of its kind in the nation—inducts former postdoctoral fellows, postdoctoral degree recipients, house staff and junior or visiting faculty who have served at least a year at John's Hopkins and thereafter gained marked distinction elsewhere in their fields of physical, biological, medical, social or engineering sciences or in the humanities and for whom at least five years have elapsed since their last John's Hopkins affiliation. The Committee of the John's Hopkins Society of Scholars, whose members are equally distributed among the academic divisions, elects a limited number of scholars from the candidates nominated by the academic divisions with postdoctoral programs. The scholars are invested at the time of Commencement or a similar occasion. At that time, they are presented with a certificate and a medallion on a black and gold ribbon to be worn with their academic robe.

There are currently 564 members in the Johns Hopkins Society of Scholars.

The following listing of the Society of Scholars members elected in 2011 is accompanied by a short description of their accomplishments at the time of their election to the society.

# Eric Brill San Jose, California

Dr. Brill is an influential scholar who has changed the fabric of modern electronic commerce and human interaction with machines. His research has greatly affected our experiences on the Internet, from the search engine results we receive and the online ads we see to the conduct of electronic commerce. As a director at Microsoft Research and currently as the vice president directing eBay Research Labs, Dr. Brill has revolutionized several major fields in natural language processing, human-computer interaction and machine learning. His research in how machines understand human language, behavior and preferences has enabled wide-ranging improvements in personalizing the online experience. The algorithms and systems he creates are often better able than human analysts in predicting, and adapting to, online user behavior. Dr. Brill was an assistant professor at Johns Hopkins from 1994 to 1999 in the Whiting School's Department of Computer Science.

# Kathleen Ruth Cho Ann Arbor, Michigan

Dr. Cho is widely recognized as a leading authority in both basic and clinical studies of gynecologic malignancies. Her work has provided critical insights into the molecular pathogenesis of cervical and ovarian cancer. Recently, her group engineered powerful mouse models to study the biology of ovarian cancer and test new therapeutic approaches to treatment. Dr. Cho serves as associate editor for *Clinical Cancer Research and Laboratory Investigation* and is a senior editor of *Cancer Research*. From 1984 to 1991, she completed her internship, residency and fellowship in the Department of Pathology and the Oncology Center at the Johns Hopkins School of Medicine. She is now the Peter A. Ward Professor of Pathology at the University of Michigan Medical School. Her expertise is recognized by her participation in many grant application study sections, review committees and advisory panels at the national level.

# Anna Mae Diehl Durbam, North Carolina

Dr. Diehl is a nationally recognized expert in chronic liver disease. During her more than 30 years as a physician and researcher, she has helped transform our understanding of gastroenterology and hepatology. By translating her pioneering findings about liver injury and repair to clinical applications, she is paving the way for advanced treatments for a wide range of liver diseases. From 1978 to 1984, she completed her internal medicine and gastroenterology training at the Johns Hopkins School of Medicine. Currently, she is chief of the Gastroenterology Division and director of the Liver Center at Duke University School of Medicine. Dr. Diehl's research, which has been supported by the NIH for more than 20 years, has broad relevance that will impact research in the fields of obesity, cancer metastasis and liver disease. Her research offers key insights into how the immune system regulates liver injury and regeneration, and what role fetal morphogens, such as members of the hedgehog transduction pathway, play in regulating fibrotic responses to liver damage. Additionally, Dr. Diehl has advanced her field by mentoring a generation of gastroenterologists especially interested in liver disease.

# Norman Fost

# Madison, Wisconsin

Dr. Fost is often the first to propose a new way of thinking about timely bioethical issues. He led the writing of the first guidelines for research involving human embryonic stem cells and was later a key member of the Institute of Medicine committee whose stem cell guidelines have become the national standard. He co-wrote the first paper providing the rationale for the use of hospital ethics committees to resolve disputes about end-of-life care. He challenged the belief that the root cause of a patient's short stature was morally relevant in deciding whether to provide human growth hormone treatments, leading to a universal change in practice. And he was the first to challenge conventional views about the use of performance-enhancing drugs by elite athletes; his critiques are now widespread, commonly held views. Dr. Fost was a fellow and a resident in the Department of Pediatrics at the Johns Hopkins School of Medicine from 1964 to 1971 and is now a professor of pediatrics, medical history and bioethics at the University of Wisconsin, Madison.

# Stephen W. Hargarten Milwankee, Wisconsin

Dr. Hargarten has had a highly distinguished career as a scholar, teacher and practitioner in the fields of injury prevention, gun violence, emergency medicine and travel medicine. He is founding director of the Injury Research Center at the Medical College of Wisconsin, funded by the Centers for Disease Control and Prevention. He has served as national president of the Society for Advancement of Violence and Injury Research and the National Association of Injury Control Research Centers. His research has ranged from the primary prevention of injuries to the administration of acute care in emergency departments. He also pioneered new data collection systems for violence. He is internationally known for translating research findings into meaningful policy at the local, state and federal levels. Dr. Hargarten, who completed his Master of Public Health studies at Johns Hopkins in 1984, has shown how a clinician and academic administrator can successfully engage in research and policymaking for the primary prevention of illness and injuries on a global basis.

# Gordan Lauc Zagreb, Croatia

Dr. Lauc studies the biological role of certain types of sugar molecules known as glycans. Contrary to proteins, which are encoded by a single gene, glycans result from the interplay of hundreds of different genes and are apparently responsible for many aspects of human variability. He led the first comprehensive study of the human plasma glycome, cataloging all of the different types of sugars found in our blood and plasma. His research uncovered many variations from person to person in the types of sugar molecules present in our bodies but determined that each individual's collection of sugars is stable and doesn't seem to change much with time. His approach of analyzing both genome and glycome in the same individuals resulted in the identification of an important regulatory mechanism in protein glycosylation and new biomarkers for a number of diseases, including pancreatitis, attention deficit hyperactivity disorder and a single-gene subtype of diabetes. Now at the University of Zagreb, where he is the youngest full professor and the youngest vice dean of a medical school in the history of Croatia, Dr. Lauc was a visiting professor at Johns Hopkins from 1997 to 1998 in the Krieger School's Department of Biology.

# Michael A. Levine Philadelphia, Pennsylvania

Dr. Levine, considered by his peers to be the consummate physician-scientist, is a pediatric endocrinologist world-renowned for groundbreaking studies of human genetic disorders relating to bone and mineral metabolism. His primary clinical interests include osteoporosis, hypoparathyroidism, primary hyperparathyroidism, rickets and genetic bone diseases. Dr. Levine was the first to identify the molecular basis of several inherited disorders of mineral metabolism, including Albright hereditary osteodystrophy and McCune-Albright syndrome, disorders that affect bone metabolism and calcium homeostasis. From 1976 to 1982, Dr. Levine completed his pediatric endocrinology training as an intern, resident and fellow at the Johns Hopkins School of Medicine. Today, he is director of the Division of Endocrinology and Diabetes at The Children's Hospital of Philadelphia, where he holds the Lester Baker Endowed Chair in Pediatric Diabetes, and also is professor of pediatrics and medicine at the University of Pennsylvania School of Medicine.

# Kenneth J. Pienta Ann Arbor, Michigan

Dr. Pienta is a classic "triple threat" physician-scientist, recognized equally for his work in clinical and basic research, patient care and mentoring. He has profoundly influenced the entire field of prostate cancer internationally, especially by his ability to translate research findings into applications that help patients now. A clinical fellow in the Department of Urology at the Johns Hopkins School of Medicine from 1988 to 1991, Dr. Pienta is now a professor of internal medicine and urology and associate dean for clinical and translational research at the University of Michigan School of Medicine. He has been the principal investigator on numerous local and national clinical trials, and is a two-time American Cancer Society Clinical Research Professor Award recipient. Dr. Pienta has mentored more than 40 students, residents and fellows to successful careers in medicine.

# Linda M. Reilly San Francisco, California

Dr. Reilly is one of the country's top surgeons specializing in complex aortic procedures and is considered the go-to specialist for extremely complicated cases in her region and far beyond. Generous about sharing that expertise with others, she has trained 36 vascular fellows since 1985, including numerous chiefs of vascular surgery across the country. A leader in her field, she is also known for her research into the development of new endoscopic surgical methods for placing aortic grafts. Dr. Reilly was a resident from 1976 to 1982 in the Department of Surgery at the Johns Hopkins School of Medicine. Today, she is professor in residence in the Department of Surgery at the University of California, San Francisco, and has been the General Surgery Program director there since 1998. Dr. Reilly presents her work on aortic reconstruction across the country and the world, and has published 102 manuscripts, six abstracts and 29 book chapters.

# Madeline A. Shea Iowa City, Iowa

Dr. Shea is internationally recognized for devising statistical thermodynamic models of complex biological systems. Her modeling of cellular life processes has set a new standard for 21st-century biology. Her early research as a postdoctoral fellow from 1984 to 1986 in the Krieger School's Department of Biology at Johns Hopkins unveiled the workings of the classic genetic switch bacteriophage lambda. Cited hundreds of times, this study stands as a landmark demonstration quantifying essential aspects of a cell's life cycle. Dr. Shea has revolutionized biological understandings of calmodulin, an essential human protein critical in the nervous, heart and reproductive systems. Her investigations explore the very essence of living systems, and her outcomes continue to transform prevailing views of how networks of biological molecules maintain and regulate cellular life. Dr. Shea is a professor of biochemistry at the University of Iowa's Carver College of Medicine.

# Jonathan W. Simons Santa Monica, California

Dr. Simons is one of the world's leading translational cancer researchers, a physician-scientist who moves basic science discoveries out of the lab and into clinical applications. He was principal investigator for some of the earliest gene therapy trials, using modified cancer cell vaccines to treat kidney and prostate cancers. He also conducted important studies that helped explain the bone pain, weight loss, malaise and poor immune responsiveness associated with prostate cancer. His distinguished career began in the Johns Hopkins School of Medicine, where he earned his MD degree and later was a fellow in the Laboratory of Molecular Genetics of Dr. Bert Vogelstein in the school's Oncology Center. In 1999, he became founding director of Emory University's Winship Cancer Institute and served as co-director at the National Cancer Institute Center for Cancer Nanotechnology Excellence at Emory and Georgia Tech. Since 2007, he has been chief executive officer and president of the Prostate Cancer Foundation.

# Roger E. Stevenson Greenwood, Sonth Carolina

Dr. Stevenson has made enormous contributions to patients and families with genetic disorders and to the field of genetic medicine. He has focused largely on unraveling the causes of birth defects and developmental impairments. He has published more than 180 papers describing more than 20 mental retardation syndromes, written two editions of the textbook *The Fetus and Newly Born Infant: Influences of the Prenatal Environment* and co-authored the definitive text on X-linked mental retardation. Between 1967 and 1972, he received training at the Johns Hopkins School of Medicine as a pediatrics resident and a fellow in the divisions of Metabolism and Genetics. In 1974, Dr. Stevenson co-founded the Greenwood Genetics Center and helped build it into an internationally respected nonprofit organization that advances medical genetics research and cares for families affected by genetic disease and birth defects. He recently stepped down as director but will continue to pursue his important clinical and research work at the center.

# Flanra Koplin Winston Philadelphia, Pennsylvania

Dr. Winston has focused her career on creating evidence-based methods of preventing children from being injured in car crashes. She is the founder and scientific director of The Children's Hospital of Philadelphia's groundbreaking Center for Injury Research and Prevention, which is a leading resource for child automotive safety. Trained in biomechanics and pediatrics, Dr. Winston was the first to recognize airbag injuries to children and determine their mechanism, leading to changes in airbag design and regulation. In addition, after discovering that only a quarter of children ages 3 to 7 who are involved in crashes had been properly restrained, Dr. Winston led efforts nationally to upgrade child restraint laws. A postdoctoral fellow in the Department of Health Policy and Management at the Johns Hopkins Bloomberg School of Public Health from 1994 to 1995, Dr. Winston is now a professor of pediatrics at the University of Pennsylvania School of Medicine.

# HONORARY DEGREES

# C. MICHAEL ARMSTRONG

C. Michael Armstrong has held top leadership positions at major American corporations, served on important government advisory panels and supported institutions of higher learning, including Johns Hopkins. He grew up in Detroit, excelled in athletics and went on to play football at Miami University in Ohio. Although an injury derailed his sports career, Armstrong found success in many other campus activities before graduating in 1961 with a degree in business and economics. After graduation, he joined IBM as a systems engineer and steadily rose through the ranks. In 1986, he was named director general of IBM Europe. Two years later, he became president and chairman of IBM World Trade. Beginning in 1992, he served as chairman and CEO of Hughes Electronics, overseeing its transition from a defense industry stalwart into a key player in the fields of commercial electronics, space technology and telecommunication. In 1997, he became chairman and CEO of AT&T, guiding its transformation into three companies focusing on wireless, broadband, and business and consumer communication. With the merger of Comcast and AT&T Broadband in 2002, Armstrong became chairman of the board of Comcast Corp., a post he held until his retirement in 2004. Since then, he has remained active in education, philanthropy and public service, including serving six years as chairman of Johns Hopkins Medicine.

Drawing on strong leadership skills, you ascended to the highest tiers of the technology business world, occupying top posts at IBM, Hughes Electronics, AT&T and Comcast and helping to steer these major companies through a fast-changing economic landscape. But beyond these demanding responsibilities, you have also been a long-time friend to Johns Hopkins the university and its affiliated nuedical system. This relationship was formed years ago when IBM matched each of its top executives with a university and you were paired with Johns Hopkins. Since then you have served on the university's Board of Trustees and in 2005 you accepted the post of chairman of the board of Johns Hopkins Medicine. In these roles you have shared your extensive business, planning and fundraising experience. You demonstrated your support for Johns Hopkins with your generous naming gift of the Anne and Mike Armstrong Medical Education Building and your endowment of a professorship in the School of Medicine.

C. Michael Armstrong, in recognition of your remarkable business career, your outstanding public service record and your dedication to higher education and medical research, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

# JOHN S. BARTH

John Barth was born in Cambridge, on Maryland's Eastern Shore, in 1930. In love with music and with dreams of becoming a musician, he briefly attended The Juilliard School in New York City but found it was not a good fit. In 1947, he matriculated at The Johns Hopkins University, earning a BA in 1951 and an MA one year later, both from what is now the Krieger School of Arts and Sciences. Barth was a professor at The Pennsylvania State University from 1953 to 1965, and taught at the State University of New York/Buffalo from 1965 to 1973. He was a visiting professor at Boston University from 1972 to 1973 and then returned to his alma mater, Johns Hopkins, where he served as a professor in the renowned Writing Seminars until his retirement in 1995. Barth's debut novel, *The Floating Opera*, a seriocomic tale of a man who decides to kill himself but never goes through with it, brought with it immediate literary success when it was published in 1957. A year later, he came out with the equally controversial *The End of the Road*, which startled pre–Roe v. Wade audiences with its frank discussion of abortion. Critics said that both novels heralded a strong new voice in American literature. A prolific writer, Barth published *The Sot-Weed Factor* in 1960, *Giles Goat Boy* in 1966 and, in 1972, the novella collection titled *Chimera*, for which he won the National Book Award for Fiction the following year. Barth has published another 10 books, including *The Development* (2008), since *Chimera*.

You didu't set out to be a novelist; your original ambition was to become an arranger, telling stories through music. But you found that your unique rhythm and point of view were better expressed by orchestrating words on a page rather than notes on a score. As a student at Johns Hopkins, you were inspired by what you called your "great guides": the professors and the books and stories—such as Scheherazade, Homer, Virgil and Boccaccio—that you shelved while working part time in the library. Later, you returned to Johns Hopkins as a professor; guiding and inspiring a generation of young writers as you composed novels and short stories praised as much for their form and structure as for their narratives.

John Barth, to honor your distinctive postmodern literary voice and point of view. The Johns Hopkus University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

## FREEMAN A. HRABOWSKI III

Freeman A. Hrabowski III has served as president of the University of Maryland, Baltimore County, since May 1992. Born in 1950 in Birmingham, Ala., he joined the civil rights movement at the age of 12, when he was arrested while marching in the Rev. Martin Luther King Jr.'s Children's Crusade. He earned his bachelor's degree, master's degree and doctorate all by the time he was 24, focusing his research on science and mathematics education, and emphasizing minority participation and performance. He has served as a consultant to the National Science Foundation, the National Institutes of Health, the National Academies, and several universities and school systems across the country. In 1988, Hrabowski co-founded UMBC's Meyerhoff Scholars Program for high-achieving students committed to pursuing advanced degrees and research careers in science and engineering, and advancing minorities in these fields. He has co-authored two books, *Beating the Odds: Raising Academically Successful African American Males* and *Overcoming the Odds: Raising Academically Successful African American Yonng Women*. In 2009, *Time* magazine named Dr. Hrabowski one of America's 10 best college presidents. In 2008, he was named one of America's best leaders by U.S. News & World Report, which in both 2009 and 2010, ranked UMBC the No. 1 "Up and Coming" university in the nation.

The night you first beard that every child in America is worthy of a first-rate education, you were 12, sitting in the back of a church, doing your math homework. As Martin Luther King Jr.'s words flowed from the pulpit, they became your life's mission. A young civil rights activist, you grew into a crusader for the education of America's minority children. You once said that "the more we expect of children, the more they can do," and your tenure as president of the University of Maryland, Baltimore County, has heen all about raising expectations. Under your leadership, UMBC has dramatically holstered its engineering, math and science education, becoming one of the nation's major producers of minority scientists. You proudly proclaim, "It's cool to be smart," and we at Johns Hopkins heartily agree.

Freeman A. Hrahowski III, for raising the bar and rising to the challenge, The Johns Hopkins University is prond to confer upon you the degree of Doctor of Humane Letters, honoris cansa.

# DAVID M. SERWADDA

David M. Serwadda is a physician, scientist, and public health medical researcher based in Kampala, the capital of Uganda. He earned degrees in medicine and surgery at Makerere University and obtained master of science and master of public health degrees, both from The Johns Hopkins University's Bloomberg School of Public Health. He is the founding dean of the School of Public Health at Makerere University and, until he stepped down in 2009, served as director of the Makerere Institute of Public Health. Starting in the 1980s and continuing to this day, Serwadda and his team at the Rakai Health Sciences Program in Africa have conducted pioneering research on AIDS and how it is transmitted. This program secured funding from many U.S. and international organizations. Today the program staff includes almost 400 principal investigators, multidisciplinary professionals and support staff who continue to conduct a wide range of reproductive health research and service activities. Along with his research, Serwadda devotes his time to committees and boards, including the Populations and Public Health Funds Committee of the Welcome Trust.

In 1982, while a medical resident at the Uganda Cancer Institute in Kampala, yon belped to identify "slim disease," a baffling illness in which patients became ill, lost weight and died, as AIDS. Studying this disease and how the infection spreads was a particularly challenging task, but by 1988 yon had become part of a team that obtained funding and lannched a pilot study of the Rakai community. Over the next two decades, this research program produced important findings related to the transmission of and treatment of AIDS. Throughout your career, you have maintained strong ties to Johns Hopkins, collaborating with the Bloomberg School of Public Health and earning two degrees from the school. You also are a founding member of Accordia Global Health Foundation's Academic Alliance, which seeks to build stronger academic medical centers in Africa.

David M. Serwadda, for your important contributions to AIDS research and public bealth education, The Johns Hopkins University is prond to confer upon you the degree of Doctor of Humane Letters, bonoris cansa.

### DAVID SIMON

David Simon, a native of Washington, D.C., earned his bachelor's degree from the University of Maryland, College Park in 1983. After graduation, he became a reporter for The Baltimore Sun, where he spent 12 years, mostly on the crime beat. Fascinated with the Baltimore Police Department, he spent much of 1988 shadowing police officers and detectives, and in 1991, published "Homicide: A Year on the Killing Streets." Called a "true crime classic" by the Associated Press, it won a 1992 Edgar Award for Best Fact Crime Book and, was developed into an award-winning NBC television series with the support of Baltimore native and film director Barry Levinson. Simon worked on the series as writer and producer from 1993 to 1999, leaving his job at The Baltimore Sun during the show's fourth season. In 1997, he co-authored (with former Baltimore Police detective and public school teacher Edward Burns) his second book, "The Corner: A Year in the Life of an Inner City Neighborhood," which was named a New York Times Notable Book of the Year. It, too, was developed into a TV series and won several Emmy Awards. Simon's next project was "The Wire," a groundbreaking and innovative HBO series that ran from 2002 to 2008, using Baltimore as a backdrop against which to explore a wide range of issues plaguing modern American cities, from law enforcement and the war on drugs to public education. The series' popularity, gritty realism and depth inspired several universities, including Johns Hopkins, to develop academic courses probing the issues it raised. Simon's current project turns his lens and textured storvtelling on post-Katrina New Orleans in an HBO series called "Treme." In 2010, the John D. and Catherine T. MacArthur Foundation selected Simon as a recipient of one of its "genius grants."

You are widely considered one of our modern master storytellers, crafting richly textured narratives that probe urban America's most complex and confounding problems. More than a few have claimed that your series, "The Wire," exhibits the scope and breadth of the grand novels of the 19th century, with their mix of characters, plots and emotion. Fueled by anger—at injustice, bureaucratic unresponsiveness, and just plain stupidity—you have presented the public with panoramic portraits of poverty, corruption and broken social systems. Though your portrayals of people and systems are often barshly critical, they also are often unexpectedly sympathetic and compassionate, and definitely aimed at provoking positive change.

David Simon, for belping remind us of our common bumanity as we tackle some of our most daunting modern challenges, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letter; bonoris causa.

# FAREED R. ZAKARIA

Fareed Zakaria is one of the nation's most prominent foreign affairs journalists. He shares keen insights on current events and conducts thought-provoking interviews with important world leaders as host of a weekly international news program on CNN, as a columnist for *The Washington Post* and as the author of *New York Times* bestsellers. After 10 years overseeing *Newsweek*'s international editions and writing regular columns for the magazine, he moved last October to *Time* magazine, where he now serves as editor-at-large. Zakaria was born in 1964 in India, where his father was a leading politician and scholar, and his mother was a *Sanday Times of India* editor. Zakaria came to the United States to attend Yale, where he earned a bachelor's degree and where he today serves as a trustee. He received his doctorate in political science at Harvard and, at age 28, became managing editor of the journal *Foreign Affairs*. Soon, his writing and broadcast appearances attracted an expanded audience, and in 1999, *Esquire* magazine called him "the most influential foreign policy adviser of his generation." His writing has been recognized with numerous honors, including a 2010 National Magazine Award. In addition to his columns, magazine articles and interviews, Zakaria has written two books: *The Future of Freedom: Illiberal Democracy at Home and Abroad* and *The Post-American World*.

In an eva in which outrageous deeds by actors and athletes often dominate the headlines, you have consistently drawn our attention to a more challenging and critically important arena: international news. You have informed readers and viewers who seek to understand the complex relations between different nations and cultures. Your observations about the Middle East have become particularly valuable as Americans have struggled to understand the origins of the 9/11 terror attack and the military conflicts in Iraq and Afghanistan. You explored some of these issues in your influential and widely praised Newsweek cover story called "Why They Hate Us," published shortly after 9/11. Your calm, well-reasoned assessments led a Village Voice writer to say, "Zakaria has become a kind of bridge to the Arab world—an Asian-born Muslim with a Yale and Harvard education who seems willing to act as a cultural interpreter."

Fareed Zakaria, for your dedication to the dissemination of international news and your thoughtful analyses of complex foreign policy issues, 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, was first used at the 1954 Commemoration Day Ceremony. Eight symbols are handwrought in sterling silver on an ebony staff representing our cultural development from ancient times, through the Middle Ages and the Renaissance, to the modern era.

# THE PRESIDENTIAL INSIGNIA

University President Ronald J. Daniels 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 The Johns Hopkins University presidents are engraved on the faces of the links. On the reverse, the names and dates of office of each president are engraved. Blank links for future use are included. The university seal completes the design.

# ACADEMIC GARB

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 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 placed through the slits at 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 sleeve. 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 master's hood is three-and-a-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 master's or doctor's degree was earned.

Dark blue — Philosophy Light blue — Education Peacock blue — Public Policy Green — Medicine Salmon pink — Public Health Orange — Engineering Gold-yellow — Science White — Arts and Letters Pink — Music Purple — Law Apricot — Nursing Tan — Business Dark brown — Fine Arts 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 the following.

Brown University - brown, red California Institute of Technology - orange, white Columbia University - light blue, white Cornell University - red, white Duke University - blue Harvard University - crimson Howard University - blue, red Indiana University - red, white Johns Hopkins University - black, old gold cardinal red, gray New York University — *purple* Northeastern University - red, black Northwestern University — purple, white Ohio State University — red, gray Princeton University — orange, black Rice University — blue, gray Rutgers University - red

Stanford University — cardinal Temple University - white, red University of California - gold, blue University of Chicago - maroon University of Colorado — gold, gray University of Florida - orange, royal blue University of Maryland - red University of Michigan - gold, blue University of North Carolina - light blue, white University of Pennsylvania - red, blue University of Pittsburgh - blue, gold University of Rochester — blue, gold University of Virginia - orange, blue University of Wisconsin - bright red Vanderbilt University - gold, black Washington University, St. Louis - red, green Yale University — dark blue

# THE UNIVERSITY MOTTO

Veritas vos liberabit. The truth shall make you free. -St. Jobn 8:32

# THE JOHNS HOPKINS UNIVERSITY ODE

Truth guide onr University, And from all error keep her free, Let wisdom yield her choicest treasure, And freedom reach her fullest measure; O, let her watchword ever he: The truth alone can make us free, Can make us free!

# AWARDS

The Schools of Arts and Sciences, Engineering, Nursing, Medicine and The Peabody Conservatory of Music

LOUIS SUDLER PRIZE IN THE ARTS For excellence in the creative arts. Awarded to Philip Tacker Wolf, The Zancyl Krieger School of Arts and Sciences

PRESIDENT'S COMMENDATION FOR ACHIEVEMENT IN THE ARTS For service to the arts. Jointly awarded to *Clare Elizabeth Grechis*, *The Zanvyl Krieger School of Arts and Sciences Andrew Fredric Lelin*, *The Zanvyl Krieger School of Arts and Sciences* 

# Homewood Student Affairs Awards

THE DEAN OF STUDENT LIFE ACHIEVEMENT AWARD The Dean of Student Life Achievement Award was established in 2003 and recognizes Johns Hopkins University senior undergraduates who have made significant contributions to the Homewood community during their tenure as a student. The award recipients will have taken great strides to make a difference through perseverance and effort. Jointly awarded to Kyle Andrew Engelmann Karen Willa Hong Hnin Lwin Illayda Yagmur Mnftuogh

THE HOMEWOOD ARTS CERTIFICATE Awarded to seniors who have completed co-curricular requirements and an original final project in one of five disciplines: Dance, Digital Media, Fine Arts, Music, or Theater. Asbley Elimar Aaroe, Dance Cynthia Ann Alessio, Music Rebecca Azbdam, Music Tabor Jean Barranti,

Digital Media and Fine Arts Giselle Anbrey Chang, Dance Jeffrey HoKuan Chn, Music Kelly Ya-Jin Chnang, Theater Brandon Ross Cohen, Music Erin Marie Deda, Theater Kevin William Doxzen, Music Clare Elizabeth Grechis, Music Radha Iyengar; Dance Whitney Harriet Janis, Dance Adam Lee Johnson, Music Sharon Hope Kim, Music Alexandra Behar Kornblnh, Music Christine Jean Lee, Dance Catherine Jinn-Yan Liow, Music Rebecca Adams McGivney, Theatre Kara T. Mirski, Dance Emily Heather Moore, Dance and Music Carolyn Irene Rosinsky, Music Connie Tan, Music Andrew David Wisneski, Music Philip Tucker Wolf, Mnsic Miko Emily Yn, Visnal Arts

THE HOMEWOOD AWARD Awarded annually to an organization for outstanding service to students, student life, and the University. Awarded to *Foreign Affairs Symposium*  ALEXANDER K. BARTON CUP Presented annually under the auspices of Omicron Delta Kappa to a member of the University who best exemplifies Mr. Barton's strong character, high ideals, and effective moral leadership. Awarded to Jennifer Lynn Paulncci

THE CHRISTOPHER B. ELSER PRIZES

The Christopher B. Elser Prizes were established by the Elser family and their friends as a memorial to the life of Christopher B. Elser, a member of the JHU Class of 2005. It is presented to a junior or senior reflecting the following attributes: demonstration of active participation and commitment to community service, a record of active participation and leadership in campus life and campus activities, a demonstrated passion for athletics, and academic achievement. Jointly awarded to Dana Helen Mariani Mobammad Modarres Mynngsnn Ro Amy Joann Wharton

THE BELLE AND HERMAN HAMMERMAN AWARD Established by Belle G. Hammerman in honor of her son, Judge Robert I. H. Hammerman, Class of 1950, this award is presented annually to the senior entering law school who combines academic excellence with outstanding qualities of leadership. Awarded to *Amanda Leigb Stein*  THE CHRISTOPHER J. PINTO MEMORIAL AWARD Established by alumni of the Tau Epsilon Phi Fraternity, members of the Class of 1984, and friends of the Pinto family, this award is presented to a senior reflecting the academic, leadership abilities, and strong moral character of Chris Pinto, a member of the Class of 1984. Awarded to Jose Medina

FLORENCE "MEG" LONG WALSH SECOND DECADE SOCIETY LEADERSHIP AWARD Originally established by the Second Decade Society (SDS) in 1995, this leadership award was renamed in 2000 in memory of Florence "Meg" Long Walsh, an SDS member known for her independent thinking and leadership. Given to a graduating senior who has displayed outstanding leadership in raising the public profile of the University, the award affords one year of post-graduate study abroad to further test and develop his/ her knowledge and leadership skills in a broader international context. Awarded to Ashley Lauren White

STUDENT EXCELLENCE AWARD FOR LEADERSHIP AND SERVICE Awarded annually by the Student Government's SEALS Committee to undergraduates in recognition of meritorious and outstanding contributions to student activities. Jointly awarded to Andrew Joseph Campagnolo Claire Elizabeth Greebis Sean Patrick Murphy Omar Ghazanfar Qureshi Kirk Krishan Sabnani THE EUGENE LEAKE AWARD For outstanding achievement in the Homewood Art Workshops. Jointly awarded to *Jin Yong Eom Maria Karen Granato Aliyab Jayne Sanders* 

GREEK LIFE SENIOR ACADEMIC EXCELLENCE AWARD For men. Awarded to Justin David Silverman, Alpha Epsilon Pi

For women. Awarded to Lauren Marie Silvery, Pi Beta Pbi

GREEK LIFE SENIOR LEADERSHIP AND CAMPUS INVOLVEMENT AWARD Awarded to Aliza Miriam Fishbein, Alpha Phi

GREEK LIFE SENIOR ATHLETICS AWARD For men. Awarded to Maxwell Henry Wieder, Sigma Phi Epsilon

For women. Awarded to Mary Claire Kozłowski, Phi Mu

PANHELLENIC ASSOCIATION GREEK WOMAN OF THE YEAR Awarded to Elizabeth F. Simmonds, Kappa Kappa Gamma

Order of Omega 2010–2011 Inductees

Lydia Mary Alcock, Kappa Kappa Gamma Casey Morgan Blythe, Sigma Alpha Epsilon Carrie Brauer, Alpha Phi Radford Wainwright Bussey Jr., Beta Theta Pi Jihoon John Choi, Sigma Phi Epsilon Deau Early Clark, Beta Theta Pi

Scott Russell Clark. Sigma Phi Epsilon Kristen Brooke Deuber, Phi Mu Brian Matthew Diederich, Beta Theta Pi Mohammad Elsayed, Pi Kappa Alpha Alexander Charles Englesbe, Sigma Chi Aliza M. Fishbein, Alpha Phi Eric Daniel Goodman, Sigma Phi Epsilon Maxi W. Gumprecht, Alpha Phi David William Huang, Sigma Phi Epsilon Chelsea De Vita James, Карра Карра Gamma Isaac Jilbert, Phi Delta Theta Mary Claire S. Kozlowski, Phi Mu Christopher Joseph Mancuso, Sigma Phi Epsilon Amy Marie McDonough, Карра Карра Gamma Stephen Jobn Schatzman, Alpha Delta Phi Justin Eric Shen, Phi Delta Theta Elizabeth Jeane Simmonds, Карра Карра Gamma Alex Villa, Sigma Pbi Epsilon Cbristine Clark Wozniak, Delta Xi Phi

GREEK LIFE RHO LAMBDA Sorority Leadership Society 2010–2011 Inductees

Lydia Mary Alcock, Kappa Kappa Gamma Tiffany Chan, Alpha Kappa Delta Phi Crystal Chen, Alpha Kappa Delta Phi Kristin Deuber, Phi Mu Molly Danielle Dillon, Alpha Phi Jennifer M. Fair; Kappa Kappa Gamma Aliza Miriam Fishhein, Alpha Phi Monica Brittany Lowe Harris, Alpha Phi Chelsea De Vita James, Kappa Kappa Gamma Mary Claire Kozlowski, Phi Mu Silvana Om, Alpha Kappa Delta Pbi Elizabeth 7. Simmonds, Kappa Kappa Gamma

Sarab Mae Smith, Kappa Kappa Gamma Lindsay Sternad, Alpha Phi Christine Clark Wozniak, Delta Xi Phi

#### Athletic Awards

THE LARRY GOLDFARB AWARD Presented to a senior for outstanding service to the Hopkins athletic program. Awarded to *Timothy Michael Rappazzo* 

THE C. GARDNER MALLONEE AWARD Presented annually to the male student who has contributed most to athletics at the University. Awarded to *Ronald Scott Bukoski* 

THE CATHERINE P. CRAMER AWARD Presented annually to the female student who has contributed most to athletics at the University. Awarded to *Lyndsay Ann Burton* 

THE ROBERT H. SCOTT AWARD Presented to the senior who has demonstrated excellence in athletics, scholarship, and extracurricular participation. Jointly awarded to *Alica Mercedes Diebl Jennifer Lyun Paulucci* 

THE HOWARD-SHRIVFR AWARD Presented to the senior who has demonstrated outstanding achievement in both academics and athletics while at The Johns Flopkins University. Awarded to *Jennifer Lynn Paulucei* 

# The Blue Jays Unlimited Award

Given to the Johns Hopkins varsity athlete who most exemplifies the spirit of Blue Jays Unlimited by demonstrating team spirit and leadership, promoting team unity and morale, and enhancing the athletic experience of his/her teammates. Awarded to *Alica Mercedes Diehl* 

### Multicultural Awards

THE OWENS, HALL, AND BILGRAVE AWARD This award recognizes the student who demonstrated significant involvement in undergraduate student activities. Awarded to Annie Ai-Li Wn

THE CHESTER WICKWIRE DIVERSITY AWARD This award distinguishes the undergraduate student of any race or ethnic background who promotes multicultural harmony on the Homewood campus. Awarded to *Miriam Cristina Gueman* 

EXEMPLARY LEADERSHIP AWARD This award recognizes a student who demonstrates commitment to the JHU community and contributes positively to the personal enrichment and leadership of others. Awarded to *Andrew Joe Man Halls*  OUTSTANDING SERVICE AWARD This award recognizes the multicultural student who demonstrates exemplary service in the Hopkins and Baltimore community. The award recipient is one who contributes to these communities by leading, volunteering, or contributing to other service organizations. Awarded to Julia Lwin

#### Teaching Awards

THE GOLD CUP Awarded to a faculty member who has done exceptional work to enhance the academic experience of graduating seniors. Jointly awarded to *Dr. Steven Teles Dr. James Spicer* 

THE JOHNS HOPKINS ALUMNI ASSOCIATION EXCELLENCE IN TEACHING AWARD in The G.W.C. Whiting School of Engineering for 2011. Awarded to Dr. Lester Sa

THE JOHNS HOPKINS ALUMNI ASSOCIATION EXCELLENCE IN TEACHING AWARD in The Zanvyl Krieger School of Arts and Sciences for 2011. Awarded to Dr. Emily Fisher

CREEL FAMILY TEACHING ASSISTANT AWARD Teaching assistants play a key role in undergraduate education, and this award recognizes their effort, enthusiasm, and contribution to the undergraduate program of the Mechanical Engineering Department. Jointly awarded to *Robert Romano Daniel Bagdorf*  PROFESSOR JOEL DEAN AWARD FOR EXCELLENCE IN TEACHING Awarded annually to one, or multiple, teaching assistants or faculty members who demonstrate an intense devotion to teaching and a talent for making mathematics more understandable. This award is given based on a review of recommendations from students and faculty. Jointly awarded to *Heatber Larkin Sbaron Ovadia* 

PROFESSOR IOEL DEAN UNDERGRADUATE TEACHING AWARD Given annually to those graduate students who have shown excellence as a teaching assistant or instructor in the undergraduate economics program. The award was initiated by Joel and Monia Dean and generously funded by the Joel Dean Foundation created by Professor Dean in 1957. Jointly awarded to Daniel Barth Maia Linask Marc Remer Matthew White

THE GEORGE E. OWEN TEACHING AWARD Given annually for outstanding teaching and devotion to undergraduates, this award was established by the 1982 Student Council to honor George E. Owen, who was dean of the Homewood Faculties. Awarded to Dr. Lonis Galambos

# The Zanvyl Krieger School of Arts and Sciences and The G.W.C. Whiting School of Engineering

APPLIED MATHEMATICS AND STATISTICS ACHIEVEMENT AWARD Jointly awarded to Ngong Chin Sunny Kam Rachel Amanda Kloss APPLIED MATHEMATICS AND STATISTICS MATHEMATICAL MODELING COMPETITION PRIZE This prize is given to the Hopkins team submitting the best solution in the Consortium for Mathematics and its Applications' Annual International Mathematical Modeling Competition. Jointly awarded to Adam La Benjamin Charles Ponedel Vichen Shen

ROBERTO R. ARELLANO AWARD For excellence in writing by a Writing Seminars undergraduate. Awarded to *Sarah Helen Grant* 

JAMES F. BELL AWARD Presented by Kevin Hemker for outstanding undergraduate research and scholarly achievement in Mechanical Engineering. Awarded to *Matthew Craig Gombolay* 

BIOMEDICAL ENGINEERING DISTINGUISHED SERVICE AWARD For outstanding service to the academic community. Jointly awarded to *Adam Christopher Diehl Elizabeth Worley Cha*, 2010

BIOPHYSICS DEPARTMENT RESEARCH AWARD To honor a senior Biophysics major for excellence in undergraduate research in Biophysics. Awarded to *Kevin William Doxzen* 

BIOPHYSICS DEPARTMENT SCHOLARSHIP AWARD To honor a senior Biophysics major for outstanding scholarship in Biophysics. Awarded to *Justin David Silverman*  LUCIEN BRUSH AWARD Environmental Engineering for outstanding academic achievement in Environmental Engineering by a graduating senior. Jointly awarded to *Rachel Gross Sean Mnrphy* 

EUGENIO AND PATRICIA CASTILLO AWARD To the best first- or secondyear student in Economics. Awarded to *Gizem Kosar* 

THE CHAFFEE WRITING PRIZE Recognizing the performance and promise of one or more Writing Seminars undergraduates. Jointly awarded to *Celeste Elizabeth Lipkes Anstin Wilkes Tally* 

CHEMICAL AND BIOMOLECULAR ENGINEERING UNDERGRADUATE RESEARCH AWARD For demonstrated contributions to research in Chemical and Biomolecular Engineering. Jointly awarded to *Evan Harris Bangh Dean Earley Clark Sarab Elizabeth Feicbt Russel Panl Jampol Caitlin Joy Schram Danica Marie Sbetb Francis Michael Sweeney* 

CIVIL ENGINEERING AWARD For outstanding achievement by a graduating senior for academic excellence, leadership and service in the Department of Civil Engineering. Jointly awarded to Jennifer Folinusz Valerie Levrant THE EXCELLENCE IN COGNITIVE SCIENCE AWARD Awarded annually to a graduating Cognitive Science major for academic excellence and outstanding accomplishment in research. Awarded to *Jonathan Michael Charny* 

JAMES S. COLEMAN AWARD This award established in 1994 by the Department of Sociology honors Dr. James S. Coleman, the first chair of the department. The award is for outstanding academic achievement by a senior majoring in sociology. Awarded to Molly Danielle Dillon

COMPUTER SCIENCE OUT-STANDING SENIOR AWARD To a senior Computer Science major for academic excellence, leadership and service in Computer Science. Awarded to *Alexander James Ropson* 

THE CHARLES A. CONKLIN AWARD Presented to outstanding Electrical and Computer Engineering seniors to recognize their academic achievements. Awarded to *Kieran Gnpta* 

EVANGELIA DAVOS PRIZE Awarded annually to the Classics major or minor whose work in Greek studies has been outstanding. Awarded to *Robert Bryan Powers* 

THE STEPHEN DIXON LITERARY PRIZE A yearly literary prize will be given in the name of our distinguished colleague Stephen Dixon, and awarded to a graduating senior whose work has demonstrated distinctive stylistic flair in keeping with the high mark established by Professor Dixon's stories and novels. Awarded to Elizabeth Rachel Smith Kelen

DOGEE FACULTY AWARD Given to a senior for outstanding service and academic achievement in the Department of Geography and Environmental Engineering. Jointly awarded to *Sarab Kingsley Hatbaway Alexander J. Hoogland* 

THE FEDERAL RESERVE BANK OF RICHMOND EXCELLENCE AWARD This award, from the Baltimore Branch, recognizes a graduating senior who has demonstrated a high level of academic success in the study of economics. Awarded to Brabma Vencel Kumar

ROBERT GEORGE GERSTMYER AWARD For outstanding undergraduate achievement in Mechanical Engineering. Jointly awarded to Stepben Lloyd Alexander Benjamin Isaac Goldberg

THF CPT JONATHAN D. GRASSBAUGH MEMORIAL SCHOLARSHIP Established in 2008, in memory of Jon Grassbaugh, a member of the class of 2003 and a graduate of the Army ROTC program. On April 7, 2007, Jon was killed by a roadside bomb in Zaganiyah, Iraq, during his second deployment with the 82nd Airborne Division. This award is presented annually to a junior or senior who displays the same academic excellence, athletic prowess, and

demonstrated selfless service that Jon embodied every day of his short life. Awarded to Jobn Micbael Garcia

G. STANLEY HALL PRIZE For outstanding achievement by an undergraduate in Psychology. Awarded to *Ife Kibibi Sinclair* 

BRUCE HAMILTON RESEARCH SEMINAR AWARD To the graduate student in the Department of Economics who has exhibited the best performance in research workshops. Awarded to *James Wesley Lake* 

MAX HOCHSCHILD FUND The prize is awarded annually to the undergraduate student in Economics who has shown great promise and proficiency in this field. Awarded to *Manra Anne Congblin* 

JACOB 11. HOLLANDER PRIZE For excellence in writing by a Writing Seminars undergraduate. Awarded to Stepbanie Melissa Delman

THE THREE ARTS CLUB OF HOMELAND AWARD For excellence in writing by a Writing Seminars undergraduate. Awarded to *Claire Susannab Davis* 

WILLIAM H. HUGGINS AWARD For outstanding scholarship and service by a senior in the Electrical and Computer Engineering Department. Awarded to *Ryan Fey* 

RICHARD J. JOHNS AWARD For outstanding academic achievement in Biomedical Engineering. Jointly awarded to Mnrat Bilgel Thanapoom Boonipat Andrew S. Chang Ryan Chang Adam Christopher Diebl Tony Lizbang He Adam Ln Sameer Sudbir Manek Tiffany Ng Jennifer Lynn Panlncci Robert Yoshi Romano Avik Som Andrew David Wisneski Weixi Zbong

JOSEPH L. KYTZ AWARD Presented to Chemical and Biomolecular Engineering seniors for academic excellence in the Chemical and Biomolecular Engineering Senior Lab course. Jointly awarded to *William Leverant Bagdorf* Sarab Katberine Pulicare Siab Hong Tau Ankit S. Vartak

DONALD E. KERR MEMORIAI MEDAL To the outstanding undergraduate major in Physics and Astronomy. Jointly awarded to *Yichen Shen Justin David Silverman* 

THE MARTIN AND MARY KILPATRICK PRIZE To honor undergraduate chemistry majors with outstanding records of academic achievement. Jointly awarded to *Husam Hauderah Dauish Mattbew Erik Diener Dale Franklin Kreitler Adam Lu*  Arthur Kougell Memorial Prize

For the undergraduate Honors Thesis that best represents Arthur Kougell's commitment to scholarly and human values. Awarded to *Tyler Josepb Steward Smitb* 

THE CENTER FOR LEADERSHIP EDUCATION COURSE ASSISTANT EXCELLENCE AWARD Selection for this award is based on student, faculty and staff evaluations and a clear, demonstrated commitment to supporting our programs and the courses we offer. Jointly awarded to Maxwell Wieder David Sambade

DANNY LEE AWARD For outstanding undergraduate research in Biomedical

Sciences. Awarded to *Robert Hnynb* 

THE RICHARD A. MACKSEY AWARD Given to the graduating senior, a member of Phi Beta Kappa, who best represents a combination of academic excellence and educational breadth. Awarded to Anna Helena Zander Denis

MATERIALS SCIENCE AND ENGINEERING ACHEIVEMENT AWARD For outstanding academic achievement by a graduating senior in Materials Science and Engineering. Awarded to *Thomas Peter Batcho* 

WILLIAM D. MCELROY AWARD For meritorious research conducted by an undergraduate in the biological sciences. Awarded to *Jennifer Hon*  EMILY AND THOMAS MEREN SCHOLAR AWARD Established in 1998 in support of undergraduate students pursuing a BA/MS degree in Neuroscience. Jointly awarded to Jennie Kim Choe Justin T. Hsieb King Yu Lo Nathan Thomas Silver

CHARLES A. MILLER AWARD Awarded by the Mechanical Engineering Department for outstanding undergraduate achievement. Awarded to *Andrew Charles Barnett* 

MIRIPOL-PFEFFER AWARD IN URBAN COMMUNITY DEVELOPMENT This award is given to the graduating master's in public policy student with an urban redevelopment concentration who has demonstrated excellence in academic coursework and the energetic pursuit of "on the ground" skills in urban community development and sustainability. Awarded to *Philip M. E. Garboden* 

MICHAEL J. MUUSS RESEARCH AWARD This award, established by the Computer Science Department in 2000 in memory of alumnus Michael J. Muuss '79, is awarded annually to a student who has demonstrated the best application of research to practice. Awarded to *Elizabeth Worley Cha* 

DAVID S. OLTON AWARD Given annually to support undergraduate research in the area of the biology of behavior, broadly defined. Awarded to *Peter Ross Honliban*  ROBERT B. POND SR. ACHIEVEMENT AWARD Awarded to the graduating senior in the Department of Materials Science who best exemplifies Robert Ponds' commitment to scholarly and humane values. Awarded to Seann Peadar Convey

MOST DISTINGUISHED THESIS IN PUBLIC HEALTH STUDIES Jointly awarded to Lanra Catherine Gelston Yanjun Xie

OUTSTANDING SENIOR AWARD IN PUBLIC HEALTH STUDIES For academic excellence, leadership and service in Public Health. Jointly awarded to *Karen Willa Hong Jessica Clark Krans Hnin Lwin Kartbik Rao* 

THE PRESIDENT'S SABER Awarded to the senior ROTC cadet who has made the most significant contribution to the ROTC battalion and reflects those leadership characteristics required of an officer. Awarded to *Cbristopber Roy Von Dollen* 

THE PRESIDENT'S TROPHY Awarded to an outstanding ROTC graduating senior Cadet for significant contributions to the ROTC program. Awarded to *Cbristopber Roy Von Dollen* 

THE CURT P. RICHTER AWARD IN BEHAVIORAL BIOLOGY RESEARCH In recognition of outstanding achievement in the David S. Olton Behavioral Biology Program. Awarded to *Steven Daniel Tobocbnik*  Senior Design Engineering Award

In recognition of outstanding contributions to the design and conduct of an independent research project in the Department of Materials Science and Engineering. Awarded to Zachary Allen Wach

GERARD H. SCHLIMM AWARD Awarded to an undergraduate student for his or her exceptional accomplishments in the field of civil engineering. As a longtime senior lecturer and director of the Part-Time and Special Programs at the G.W.C. Whiting School of Engineering from 1966 to 1994, Dr. Schlimm made many contributions to the education of future engineers. Awarded to *Alysson Margaret Mondoro* 

WILLIAM N. SHARPE AWARD FOR MECHANICAL ENGINEERING STUDENT INVOLVEMENT Recognizes significant leadership and achievement in extracurricular activities among Mechanical Engineering students. Awarded to *Siobbán Callanan* 

SIEBEL FOUNDATION PRIZE Awarded to a student in bioengineering who displays excellence in academics, research and leadership. Jointly awarded to *Ivy Dick Kelvin Lin Prasbant Mali Ying-Ying Wang*  JULIAN C. STANLEY AWARD For the undergraduate Psychology major who most closely approximates Dr. Stanley's personal and professional standards of excellence. Awarded to *Krishna R. Permaul* 

STANTON FORGIONE PRIZE Named in memory of Phoebe B. Stanton (faculty, 1954– 1982) and Nancy E. Forgione (BA 1974, PhD 1992) for outstanding achievement by an undergraduate in History of Art. Awarded to *Anna Helena Denis* 

DOLORES AUBREY SULLIVAN AWARD IN PUBLIC POLICY Presented to the Master of Arts in Public Policy students who best exemplify Dee's indomitable spirit, unfailing dedication to excellence, and the Institute's mission to bring the best information to bear on public policy problems. Awarded to *Jill Kristen Pardini* 

J.J. SYLVESTER AWARD For outstanding achievement by a senior in Mathematics. Jointly awarded to Adam Lu Jason Gregory Ravit

ETE Z. SZÜTS UNDERGRADUATE RESEARCH TRAVEL AWARD This award, named in honor of a Ph.D. graduate student from this department, provides funds for transportation costs of undergraduate research students in Biophysics to attend a scholarly meeting. Awarded to *Kevin William Doxzen* 

LINDA TRINH MEMORIAL AWARD This award is dedicated to the memory of Linda Trinh, Class of 2005, who worked tirelessly through her research and volunteer efforts to improve the human condition. It is awarded to a Design Team that embodies her spirit, qualities, and accomplishments. Jointly awarded to **Finjie** Chen Ariella Tzila Cohain Brian Hao-yu Hsi Jan Lee, 2010 Michelle Roytman Marlene Ting-Ting Sbi, 2010 Bin Quan Yang Tony Y. Ye, 2008 Ariel Yuqing Zhao

THE JOHN BOSWELL WHITEHEAD AWARD For outstanding achievements in Electrical Engineering by an undergraduate student. Awarded to *Brandon Demory* 

LOY WILKINSON AWARD For demonstrated record of academic excellence, leadership, and service in Chemical and Biomolecular Engineering by a graduating senior. Jointly awarded to *Stanley Wing Hong Chung David John Rezzo* 

THF WOLMAN AWARD Given annually to a graduating senior who exhibits both promise and spirit in regards to interdisciplinary work. The award was established in memory of M. Gordon "Reds" Wolman, a faculty member in the department who contributed to the academic growth of the university through service as a department chair and interim provost and through strong advocacy of interdisciplinary studies. He was a beloved member of the

Johns Hopkins University for more than half a century. Awarded to Weston Anderson

### The Carey School of Business

DEAN'S AWARD FOR SUSTAINED EXCELLENCE Awarded to *William Ellis Hill* 

DELTA SIGMA PI SCHOLARSHIP KEY For the highest grade point average in the undergraduate program. Awarded to *Andrew Gross* 

EDWARD J. STEGMAN CPA MEMORIAL AWARD Presented to students who graduate with a 4.0 grade point average and receive a Masters Degree. Jointly awarded to Terence Scott Allen Edward S. Bessman Matthew Chin Dale Kang Pamela Lew Robert Brooks Pugb Michael Xavier Repka Leab Michelle Roberts Cindy Tomilloso San Nicolas Joseph H. Weiner

WALL STREET JOURNAL STUDENT ACHIEVEMENT AWARD For outstanding scholarship in the undergraduate programs and exceptional promise of future success. Awarded to *Christina Gail Farias* 

### The School of Education

ALAN THORMEYER AWARD Awarded to a FlexMat student in the Department of Teacher Preparation who exemplifies the spirit and dedication of its namesake. Awarded to Jacqueline Constance Clifton

DIANE TOBIN MEMORIAL AWARD Awarded annually to an outstanding alumna/ us in education and to an outstanding student. Jointly awarded to Amanda Kalina Andrea Fruzynski, Master of Arts in Teaching, May 2011 Natalie Scott Thibodeaux, Master of Arts in Teaching, May 2011

PUBLIC SAFETY LEADERSHIP AWARD Awarded each year to an outstanding undergraduate. Awarded to Amal E. Awad

### The School of Medicine

THE HARVEY CUSHING MEDICAL STUDENT HUNTERIAN RESEARCH AWARD This award is presented by the Department of Neurosurgery to a medical student who has demonstrated aptitude, dedication and achievement in neurosurgical research and who shows promise for a career in neurosurgery. Awarded to Scott Lewis Parker, 2010–2011 THE PAUL EHRLICH RESEARCH AWARDS

The Paul Ehrlich Awards were established to honor Dr. Paul Ehrlich with funding originally granted by Dr. Emanuel Libman. The awards, which recognize student research contributions, are presented each year at Young Investigators' Day. Jointly awarded to *Bradley Powers Barnett*, 2005–2006 *Hyo-eun C. Bhaug*, 2010–2011 *Ryota Matsuoka*, 2010–2011

THE SOL GOLDMAN AWARD The Sol Goldman Award is given annually to a Johns Hopkins medical student who is recognized by the faculty of the Department of Medicine, Division of Geriatric Medicine and Gerontology, for excellence in geriatrics and for exceptional sensitivity to older patients. This award is made possible by an endowment given by the family of Sol Goldman to perpetuate an intererst in and commitment to geriatric medicine and gerontology among medical students. Awarded to Matthew Engene Peters, 2010-2011

THE DAVID ISRAEL MACHT **RESEARCH AWARD** The David Israel Macht Research Award was established in 1983 by the family of Dr. Macht to commemorate the centenary of his birth. Dr. Macht was a member of the faculty of the Departments of Pharmacology and Medicine in the early part of this century and was a pioneer investigator in the field of opiate alkaloids. The award is intended to recognize excellence in investigation by a student in the School of Medicine. Jointly awarded to Xinting Rebecca Sheng, 2009-2010 Nicolas Xavier Tritsch, 2007–2008 THE MARTIN AND CAROL MACHT RESEARCH AWARD The Martin and Carol Macht Research Award is awarded to a doctoral candidate whose research evidences elegance in science, originality in thought and creativity in approach. The award was made possible by a donation from the Macht family of Cincinnati, Ohio. Awarded to *Mingye Feng*, 2010–2011

THE FRANKLIN PAINE MALL Award

The Franklin Paine Mall Award for outstanding performance in the firstyear medical curriculum was established by Dr. Miley B. Wesson, an alumnus of the School of Medicine. This award is given in the name of Franklin Paine Mall, the first professor of Anatomy in the School of Medicine. Awarded to *Whituey Morgen Green*, 2007–2008

THE EXCELLENCE IN MEDICAL STUDENT RESEARCH AWARD This award is given annually to students whose efforts in basic biomedical, clinical, or public health research is noteworthy and found deserving of special recognition. Jointly awarded to Maralyssa Angelique Bann, 2009-2010 Deanna Rae Cettomai, 2008-2009 Swathi Elnri, 2008-2009 Lara Cathleen Kovell, 2008–2009 David Lin, 2010-2011 Haoming Qin, 2010-2011 Nathan William Skelley, 2010-2011 Philip In Song, 2008-2009

THE FRANK H. NETTER, M.D. Memorial Scholarship in Medical Art

The medical illustrator Frank H. Netter, M.D., is known worldwide for his ability to distill complex medical subject matter into clear, effective teaching images. Dr. Netter was not only a skilled draftsman, but knowledgeable in anatomy, physiology, and pathology through his medical training. Family and friends established this scholarship to recognize a student in Art as Applied to Medicine who displays a similar balance of medical and scientific knowledge with the artistic skills that he exhibited throughout his career. Winners of this award have excelled in their academic courses; displayed exceptional art expression; and most importantly utilized both resources to create welldesigned and effective didactic illustrations.

Jointly awarded to Jodi Elise Chapman, 2010–2011 Bricelyn Hope Stranch, 2010–2011

THE HARRY C. SALTZSTEIN PRIZE FOR MEDICAL WRITING This prize was established in 1990 by the family of Dr. Saltzstein, a 1914 graduate of the Johns Hopkins University School of Medicine, to recognize his lifelong interest in medical writing. The award is given to that student who has exhibited excellence in medical writing as judged by a faculty committee. Awarded to Maria Esteli Garcia, 2005–2006

THE MICHAEL A. SHANOFF RESEARCH AWARD The award is given annually to a student for significant research contribution in the medical sciences. The award is made possible by a bequest from the family and friends of the late Dr. Michael A. Shanoff, who earned his undergraduate degree and M.D. and Ph.D. degrees from Johns Hopkins University. Awarded to *Lin Shen*, 2010-2011

THE NUPUR DINESH THEKDI **RESEARCH AWARD** This award was established in 2002 to honor the memory of Nupur Dinesh Thekdi, an M.D./Ph.D. student in the School of Medicine from 1996 until his untimely death in 2001. The award was made possible by the generous contributions of his family and friends and is given to honor outstanding research contributions made by a student in the School of Medicine. Awarded to Michael Davin Kornberg, 2010-2011

WILLIAM H. WELCH AWARD The William H. Welch Award recognizes outstanding achievement in pathology by a second year medical student. Awarded to *Whitney Morgen Green*, 2008–2009

THE W. BARRY WOOD STUDENT RESEARCH AWARD The W. Barry Wood Student Research Award recognizes present commitment and future promise in research. Awarded to *Qingyang Yuan, 2009–2010* 

### The School of Nursing

ACADEMIC EXCELLENCE AWARD To a student whose academic performance has been judged to be outstanding. Jointly awarded to *Lindsay Dobucki Laura Mitchell Kristeu Hampson Natalie Korublutb*  THE JOHNS HOPKINS NURSES' ALUMNI ASSOCIATION AWARD To a graduate student demonstrating expertise in professional nursing practice and patient-centered health care delivery Jointly awarded to *Karen Gibbs Anne Hollis Carissa Morency* 

THE JOHNS HOPKINS NURSES' ALUMNI AWARD Recognizes a student whose leadership ability is combined with clinical competence and an inquiring mind. Awarded to *Sarab Schlotterback* 

EMMA JONES BECKWITH CULLEN AWARD In recognition of the highest standards of nursing practice and executive ability. Jointly awarded to *Jill Kronick Caitlin McIntyre* 

CARDIOVASCULAR DISEASE PREVENTION AWARD To the graduate student who has demonstrated a strong commitment to the prevention of cardiovascular disease through excellence in nursing practice or research and sponsored by the Preventive Cardiovascular Nurses' Association. Awarded to *Linda Dewberry* 

THE CHURCH HOME AND HOSPITAL NURSING ALUMNAE AWARD Recognizes a student who best exemplifies a humanistic approach to nursing while integrating the art, science and the spirit of nursing. Awarded to *Erin Miksic* 

# ELEANOR WADE CUSTER Award

To a student who most successfully demonstrates initiative and creativity in improving the health of a community with sensitivity to one's fellow man. Awarded to *Kirsten Blomberg* 

BETTY CUTHBERT AWARD To a student who demonstrates outstanding commitment and service to nursing and the University. Jointly awarded to Janine Borromeo Lauryn Saxe

SUE K. DONALDSON DISSERTATION AWARD For the outstanding PhD dissertation in the School of Nursing. Awarded to Jeanne Lorraine Albusen

LEADERSHIP AWARD To a graduate nursing student demonstrating outstanding leadership in the field of nursing. Jointly awarded to *Meghan Greeley Loc Thomson* 

MARY AND GRAINGER MARBURG AWARD In recognition of a student who consistently exhibits outstanding clinical nursing expertise. Jointly awarded to Asbley Kilgore Asbley Schuster

ROBERT G. MERRICK AWARD To a student demonstrating outstanding leadership in the field of nursing. Jointly awarded to *Hai Yen Ho Marcella Leath*  RUTH DALE OGILBY AWARD In recognition of exceptional academic performance in the master's program. Jointly awarded to Annsbree R. Abluwalia Elizabeth Crisostomo

RESEARCH AWARD To a student demonstrating intellectual curiosity and creativity in nursing research. Awarded to *Indre Doyle* 

EDNA SCHOEN MEMORIAL AWARD To a student demonstrating excellence in clinical practice. Jointly awarded to *Sarab Hobongwana Leab Pang* 

SIGMA THETA TAU NU BETA CHAPTER AWARD To a graduate nursing student in recognition of superior academic achievement, creative scholarship and research. Jointly awarded to *Sbeyanga Beecher Irina Rifkind* 

THE SINAI NURSES' ALUMNAE ASSOCIATION OF SINAI HOSPITAL, INC. Recognizes a student who exhibits enthusiasm, compassion and a positive approach to problem solving in nursing. Jointly awarded to *Claire Berthold KeAndra Jones Sarah Schoen* 

JOAN SUTTON AWARD To a student demonstrating a strong dedication to professional nursing, clinical excellence and interdisciplinary practice. Jointly awarded to *Alexandra Bratschie Kira Gehnean* 

# The Peabody Conservatory of Music

AMERICAN BASSOON COMPANY PRIZE Awarded to Lynn Moncilovich

CLINTON LEF ARROWOOD MEMORIAL PRIZE in Flute Awarded to Ean Jin Raonl Cho

CLARA ASCHERFELD AWARD in Accompanying Jointly awarded to Sungpil Kim Hanchien Lee

MARTHA AND WILLIAM BILL MEMORIAL PRIZE in Woodwinds: Clarinet Awarded to *Hleb Kanasevich* 

P. BRUCE BLAIR AWARD in Composition Awarded to *Griffin Cohen* 

GEORGE CASTELLE MEMORIAL AWARD in Voice Jointly awarded to Jennifer Edwards Jayson Greenberg Erica Hamby Katelyn Jackman Kangbo Lee Kristina Lewis Amber Schwarzrock Jessica Thompson Melissa Wimbisb

ISRAFI DORMAN MEMORIAI AWARD in Strings Awarded to *Hana Morford* 

FARLY MUSIC DEPAREMENT AWARD FOR FACHLEINCE Awarded to *Yuan-Chih Chen*  CHARLES M. EATON PRIZE in Voice Awarded to *Marie Marquis* 

BRUCE R. EICHER PRIZE in Organ Awarded to *William Wisuom* 

ANITA ERDMAN AWARD in Opera Awarded to *Stephen Campbell* 

PAULINE FAVIN MEMORIAL AWARD in Piano Jointly awarded to *Katberine Harris Wasin Prasertlap* 

RICHARD FRANKO GOLDMAN PRIZE in Performance Jointly awarded to *Kyle Anderson Amanda Bloom Petrit Ceku Daniel Cheronny Mark Edwards* 

SIDNEY FRIEDBERG PRIZE in Chamber Music Jointly awarded to *Ta-Wei Tsai Min-Kuei Yang* 

PEGGY AND YALE GORDON ACCOMPANIST RECOGNITION PRIZE Jointly awarded to Younggun Kim Hyejin Kwon

LILLIAN GUTMAN MEMORIAL PRIZE in Piano Awarded to *Wan-Chi Su* 

LYNN TAYLOR HEBDEN PRIZE in Performance Awarded to *Jasmine Hogan*  BRITTON JOHNSON MEMORIAL PRIZE in Woodwinds: Flute Awarded to *Kimberly Zaleski* 

JOSEF KASPAR AWARD in Strings: Violin Awarded to *Yifan Zbon* 

GUSTAV KLEMM AWARD in Composition Awarded to *Patrick Handler* 

JAMES WINSHIP LEWIS MEMORIAL PRIZE in Performance Awarded to *Jinsung Moon* 

IRVING LOWENS ENDOWED MEMORIAL PRIZE in Musicology Awarded to *Anders Borge* 

ADA ARENS MORAWETZ MEMORIAL AWARD in Composition Awarded to *Zhangyi Chen* 

OTTO ORTMANN AWARD in Composition Awarded to *Emily Kob* 

OUTSTANDING VOICE STUDENT devoted to Peabody and the community Jointly awarded to Shelby Bowling Danielle Edwards Stepbanie Kruskol Lisa Perry Micbael Rainbow

PIANO DEPARTMENT RECOGNITION AWARD Jointly awarded to Jolie Lin Xinln Hnang HAROLD RANDOLPH PRIZE in Performance Awarded to *Jessica Morrison* 

GRACE CLAGETT RANNEY PRIZE in Chamber Music Jointly awarded to Audrea Casarrubios Jobn Ebrenberg Joseph Hugbes Luri Lee Meng Su Ya Meng Wang Elena Yakovleva

RANDOLPH S. ROTHSCHILD AWARD in Composition Awarded to Stepben Edwards

GULEN F. TANGOREN, M.D., AWARD FOR VOCAL EXCELLENCE Awarded to *William Daveuport* 

ALICE AND LEARY TAYLOR AWARD in Performance Awarded to *Brian Barone* 

MELISSA TILLER MEMORIAL PRIZE in Strings: Violin Awarded to *Ye Ji Kim* 

J.C. VAN HULSTEYN AWARD in Strings: Violin Jointly awarded to *Kathryn Kilian Ricbard Chi-Cheng Liu Aki Tsai* 

ANNIE WENTZ PRIZE in Voice Jointly awarded to Amanda Boundy Andrew Spady

FRANCES M. WENTZ TURNER PRIZE in Piano Awarded to *Jerfi Aji*  FRANK D. WILLIS MEMORIAL PRIZE in Composition Awarded to *Micab Levy* 

GEORGE WOODHEAD PRIZE in Voice Jointly awarded to *Cbun-Ting Amy Cbao Stepbanie Miller Mary Lacey Rogers William Schaller Jocelyn Thomas* 

SARAH STULMAN ZIERLER PRIZE in Accompanying Awarded to *Mijin Cboi* 

# The Bloomberg School of Public Health

THE HELEN ABBEY FUND To an outstanding Biostatistics student with a commitment to teaching. Awarded to Daniel Obeng

AOVAMA-KITA SCHOLARSHIP To an outstanding student from Japan, Korea or Malaysia Awarded to: *Kyungsuk Jung* 

J. HOWARD BEARD FELLOWSHIP To an outstanding student pursuing a career in local or state public health work. Awarded to *Helen Irene Kinsman* 

MIRIAM E. BRAILEY FUND To support outstanding graduate student research in epidemiology Awarded to: *Hilina Tsebay Kassa* 

THE TRUDY BUSH FUND To an MHS student specializing in women's health. Awarded to *Kari Ann Weber*  RUTH B. AND J. DOUGLAS COLMAN SCHOLARSHIP To an outstanding preventive medicine resident. Awarded to *Elizabetb Marie Salisbury-Afsbar* 

DIVERSITY AND HEALTH DISPARITIES PREDOCTORAL FELLOWS Recognizing outstanding doctoral students committed to addressing health disparity issues. Jointly awarded to *Brandon J. Brown* Nadine Margaret Finigan Sbanna Marie Harrison Valerie Noemi Olmo Nanlesta Antumn Pilgrim Carol Strong

THE SIBLEY AND CATHERINE HOOBLER AWARD FOR EXCELLENCE IN PUBLIC HEALTH AND MEDICINE To encourage study at the Bloomberg School of Public Health and the School of Medicine. Awarded to Jeffrey John Tosoian

THE PAUL V. LEMKAU SCHOLARSHIP FUND To an outstanding student in the Department of Mental Health who has made a significant difference within the department. Awarded to *Alden L. Gross* 

THE DR. CYNTHIA MAUNG ENDOWED SCHOLARSHIP FUND To outstanding medical students pursuing an MPH degree. Jointly awarded to: *Thomas Adam Lardaro Brandon Micbael Metcalf Helen Irene Kinsman Allison Diane Berry Leab Blank*  THE MARGARET MERRELL FUND To a Biostatistics doctoral student in recognition of outstanding research. Awarded to: *Simina Maria Boca* 

THE JANICE EDDY MICKEY ENDOWED SCHOLARSHIP To recognize demonstrated commitment to improving health and human rights. Awarded to: *Jacob Lonis Taylor* 

THE MINORITY HEALTH AWARD To recognize a demonstrated commitment to minority health issues. Awarded to: *Meagban Elizabetb McLaren* 

THE RUTH RICE PUFFER FUND FOR INTERNATIONAL STUDENT SUPPORT To an outstanding master's degree student who is not a US citizen. Awarded to: Denise Dvorquez Moncayo

SOMMER SCHOLARS Recognizing MPH and doctoral students with outstanding academic ability and public health leadership potential. Jointly awarded to Stacy Nicole Aldinger Ferbina Sultana Ali Edmond Baganizi Simina Maria Boca Marco Carone Andrew Chen Yong Chen Micbal Engelman Anne Elizabeth Kanyusik Sadaf Kban Jonathan N. Kromm Christopher Thomas Lee Julie Ann Leis Erica Molly Lessem Shunsuke Mabuchi Kojo . Alfred Osci-Bonsn

Pamela Marie Pelizzari Sandrine Pirard Daniel E. Roth Jack Samnel Rowe Leigh Gabrielle Senderowicz Riley J. Steiner Elizabeth Kathryn Stierman

ANNA HUFFSTUTLER STILES SCHOLARSHIP To an outstanding master's degree student in the Department of Epidemiology Awarded to: *Margaret M. Parker* 

THE WATT/HANSELL ENDOWMENT To support cross-training at the School of Public Health and the School of Medicine. Awarded to *Catherine Elizabeth Handy* 

DR. CHUN HUI YEN & WANG PEI YEN SCHOLARSHIP FUND To a student from Taiwan or China with demonstrated academic excellence and financial need. Awarded to: *Rnoxi Dai* 

# The Paul H. Nitze School of Advanced International Studies (SAIS)

MAX M. FISHER PRIZE FOR EXCELLENCE IN TEACHING This prize honors the late Max M. Fisher who was an advisor to U.S. presidential administrations for decades on Middle East policy and is awarded each year at commencement to one SAIS professor selected by the student body. Awarded to Matthias Matthijs 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 *Evan Bradley Hume* 

CHRISTIAN A. HERTER AWARD To a member of the secondyear class with the most outstanding academic record during the first three semesters. Jointly awarded to *Izami Mitzi Devalier Todd Mattbew Martinez* 

# HONOR SOCIETIES

### Phi Beta Kappa

Phi Beta Kappa, founded at the College of William and Mary in 1776, is the nation's oldest and most prestigious undergraduate honors organization. To gain election students must have excelled in a broad array of undergraduate courses in the arts and sciences offered at one of the 249 colleges and universities in the United States that are sufficiently rigorous and intellectually challenging to shelter a Phi Beta Kappa chapter. The Johns Hopkins University chapter was founded in 1895.

FROM THE SENIOR CLASS IN THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES ELECTED IN 2011

Nikki Meryl Ackerman Avesha Tahir Afzal Joshua Ayal Munisa Mohamed Bachu Katherine Rose Barry Rachel Cohen Bass Patrick Esien-Ekpe Bassey Toshiro Baum Harry Black Maria Traiana Braileanu Angelica Janeth Buerkin-Salgado Alexandra Perry Byer Solara Cecile Calderon Steven P. Cardinali Giselle Chang Youn Keong Cho Jennie Kim Choe Michael M. Chu Maura Anne Coughlin Alec Sandon Dancy Kaitlyn Marie Davis Claire Susannah Davis Michael Christopher de Lyon Anna Helena Zander Denis Molly D. Dillon Matthew Evan Dolente Stephen T. Dunlap Sarah Rachel Durica Catherine Eagan

Shanna Rachelle Edberg Heather Michelle Ehrlich Rachel Gabrielle Epstein Kate Marie Esterline Eta Flamholz Rachel Avra Freedman Polly Bo-yi Fu Rupen Garg Laura Catherine Gelston Amanda Michelle Glasser Miles Phillip Gordon Maria K. Granato Benjamin Zvi Greenfield Michelle Petra Gulino Olga Guzovsky Alyssa Emily Hawn Karen Willa Hong Jennifer Hou Isabel Emiko Ishizuka Yike Iin Adam Lee Johnson Lester N. Kao Sarah Smiley Knapp Jessica Clark Kraus Brahma Vencel Kumar Edwin Chun-For Lam Christine Iean Lee Samuel Robert Lichtenstein Chien-fu C. Lin Celeste Elizabeth Lipkes Rachel R. Love Muireann Kirkland-Wallis Mageras Marie Noel Marquis Rebecca Bowman Mathias Kelly Elizabeth McNamara David Neal Moorshead Amy Denise Morgan Benjamin Shaw Nelson Kent Okawa Christina Michelle Padilla Krishna R. Permaul Hayley Elizabeth Plack Daniel Joseph Pomerantz Sarah Margaret Raible Karthik Takkellapat Rao Jason Gregory Ravit Michael Mark Rogers Samara Crystal Rutenberg Renee Catherine Ryberg Lindsay A. Scattergood Molly Caitlin Schwartz Paul Welsh Schweiker Yichen Shen

Victoria Priest Rosenfield Shuster Justin David Silverman Jerome Ronald Simons Ife Kibibi Sinclair Justin David Stahl **Clare Steinberg** Katherine C. Stingl Lindsay Victoria Tauscher Steven Daniel Tobochnik Ann Xi Wang Jennifer Lauren Whitehead Diana M. Wohler Christine Clark Wozniak Annie Ai-Li Wu Kenny Xu Andrew Yip Anthony William Zei Brittany Sari Zimmer

FROM THE SENIOR CLASS IN THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES ELECTED IN 2010

Woodrow Campbell Husain Danish Kyle Engelmann Robert Huynh Alexandra Kornbluh Lauren Pollack Thomas Smith Yelena Tsilker Yanjun Xie

FROM THE SENIOR CLASS IN THE G.W.C. WHITING SCHOOL OF ENGINEERING, APPLIED MATHEMATICS AND STATISTICS, ELECTED IN 2011

Joshua Michael Greenspan Victor Yusen Li

FROM THE PH.D. CANDIDATES IN THE BLOOMBERG SCHOOL OF PUBLIC HEALTH

Anju Aggarwal Ava Katherine Bittner Marco Carone Jacqueline D. Goeres Ruben Hernaez-Rodriguez Mariana Lazo-Elizondo Lydie A. Lebrun Tianjing Li Summer E. Rosenstock Daniel E. Roth Hao Wu Tao Wu Fengmin Zhao

FROM THE PAUL H. NITZE SCHOOL OF ADVANCED INTERNATIONAL STUDIES

Miles Hansen Phillipp Lustenberger Marcel Ricou Monika Sztajerowska Sara Carmen Taylor

FROM THE M.D./PH.D. CANDIDATES IN THE SCHOOL OF MEDICINE

Jordan Ash Cheng-Hsuan Chiang Po-Min Chiang Lorenza Frisoni Arielle Alexandra Stewart Xinchen Teng Nicolas Tritsch

# Beta Beta Beta Biological Houor Society Johns Hopkius University, Rho Phi Chapter

Justin Byun Kelly Chuang Alec Dancy Jennifer Hou Dhong Eun Jung Anne Kirwan Li-Ting Christina Lin Xu Lou Elliot Mahlof David Moorshead Christopher Ruland Dominique Seow **Desiree Simpson** Rachit Vakil Ann Wang Catherine White Annie Wu Kil Yang David Yoo Allen Yu Fahd Yunus

## Pi Sigma Alpha, the National Political Science Honor Society

Pi Sigma Alpha is the only honor society for college and university students of government in the United States. It was founded in 1920.

Michael Stehn Nicole Overlay

# Woodrow Wilson Undergraduate Research Fellowship Program

Unique to Johns Hopkins University, the Woodrow Wilson Undergraduate Research Fellowship Program, founded in 1999, offers a select group of undergraduates in the Krieger School of Arts and Sciences the opportunity to explore new avenues of inquiry alongside and with the guidance of scholar-teacher mentors whose own research is at the cutting edge of their disciplines. Selection of Fellows is based on academic merit and the strength of applicants' proposals for independent research. Students have the Fellowship for the entire length of their undergraduate careers.

The following members of the graduating class have been Woodrow Wilson Fellows:

Nia Naomi Bayne Anna Helena Zander Denis Sarah Gieszl Karen Willa Hong Lester Kao Celeste Lipkes Albert Thein Lwin Dana Helen Mariani Mohammad Modarres Nicole Overley Karan Patel Remy Carlotta Patrizio Kathryn Prose Karthik Rao Michael Mark Rogers Benzion Samueli Jason Shapiro Heeyoung Sohn Annie Ai-Li Wu

# Tau Beta Pi National Engineering Honor Society

Pichet Adstamongkonkul William Leverant Bagdorf Thomas Peter Batcho Murat Bilgel Hannah Beth Blum Andrew S. Chang Ryan Chang Tom Tao Chen Eun Sook Choi Heidi Culver Adam Christopher Diehl Kiersten Marie Dockeney Matthew Craig Gombolav Jonathan Andrew Gordon Tony Lizhang He Doanwhey Alexander Hsieh Lara Renee India Nisha Ramdas Iver Julie Mingjue Jiang Robert Nicholas Keleher Hong Seok Kim Yu-An Lien Jung Ming George Lin Adam Lu Dara Suzanne Male Sameer Sudhir Manek Alysson Margaret Mondoro Christopher Colin Neoh Sarah Katherine Pulicare Robert Yoshi Romano Blaze Douglas-Ali Sanders Kevin Andrew Schafer **Baris Sevine** Avik Som Raja Ram Srinivas Siah Hong Tan Andrew David Warren Andrew David Wisneski Xinlei Wu Bin Quan Yang Philip Yang Bo Kyung Yoon Yuanting Zha Weixi Zhong Weizhuang Zhou

### Upsilon Pi Epsilon

The International Honor Society for the Computing and Information Disciplines, founded at John Hopkins University in 1999 to recognize academic excellence at both the undergraduate and graduate levels.

The following members of the graduating class have been elected to Upsilon Pi Epsilon:

Elizabeth Cha (BS) Robert Doverspike (MSE) Evan Goldschmidt (BS) Edward Holzinger (BS) Alexander Ropson (BS) Jonathan Satria (BS) Luwei Zhou (BS)

# Alpha Omega Alpha Honor Medical Society

The Alpha Chapter of Maryland was established at The Johns Hopkins University School of Medicine in 1906. Medical students with outstanding records are elected to membership in their senior year.

The following members of the graduating class have been elected to membership in Alpha Omega Alpha:

Leonid Bartik Shamik Bhattacharyya Deanna Rae Cettomai Rupsa Chaudhury Matthew Tyler Crim Adrian Tae-Won Dokey Whitney Morgen Green Michael Alexander Koldobskiy Lara Cathleen Kovell Henry Robert Kramer Christopher Thomas Martin Chad Edward McCarthy Jeremy Adam Schneider Nathan William Skelley Sophia Anne Strike Christine Ngoe Bich Tran

### Delta Omega National Public Health Honor Society

Omniyat Mohammed Al Hajeri Stacy Nicole Aldinger Sheyanga Dilanjali Beecher Stephen Arthur Berry Kathleen Blake Leah Blank Marco Carone Diana Nicole Carvajal Anne Elizabeth Cavett Yu-wen Angela Chang Alvssa Kim Crawford Kisha Nicole Davis Lillian DiGiacomo Michal Engelman Mary Kathryn Franchetti James Anson Fuller Lauren Ann Gavin Danielle Lauren Gilbert Brian James Gordon Derek Michael Griffing Yolandra Evette Hancock Catherine Elizabeth Handy Laura Leigh Hester Alice Hu Ashley Marie Jackson Reshma V. Jhaveri Andrew William Joseph Kei Katsuno Elizabeth Young-Wha Kim Jesse Abbott Klafter Dorothy Amanda Knutsen Naoko Kozuki Jessica Harnish Ladd Justine Julia Larson Mariana Lazo-Elizondo Erica Molly Lessem Aubrey Janel Levine Candace Lew Tianjing Li Ronica Lu Shunsuke Mabuchi Amelia Caroline Louise Mackenzie Dany Matar Kamila Bajwa Mistry Siti Khayriyyah Mohd Hanafiah Woori Moon Kenanao Motlhoiwa Margaret Theresa Murphy Chiadi Frieson Ndumele Meghan Marie Nechrebecki Jenniter Murphy Newcomb Ahya Noormohamed

Robert Yoichi Oikawa Vishwanath Andy Partapsingh Pamela Marie Pelizzari Elise Christina Perry Nanlesta Autumn Pilgrim Sandrine Pirard Suzanne L. Pollard Sara G. Rasmussen Melissa Jo Roach Jack Samuel Rowe Jonathan Rubin Abby Elise Rudolph Elizabeth Marie Salisbury Afshar Lauren M. Schwartz Heather Melissa Scobie Naomi Margaret Sell Leigh Gabrielle Senderowicz Rahul M. Shah Jia-chi Shan Andrew Shawhan Ah Young Shin Sara Ruth Slovin Rachel Christine Steckelberg Riley J. Steiner Alaina Christine Thomas Jeffrey John Tosoian Sarah Lynn Trapani Arielle Elissa Traub Andrea Clare Villanti Navantara Watsa Ellen McKnew Wilk Jeffrey Boyang Yu Lili Zhang

# Sigma Theta Tau Nn Beta International Honor Society of Nursing

The following doctoral students have been elected to Sigma Theta Tau Nu Beta:

Carrie Kairys Marian Richardson

The following master's students have been elected to Sigma Theta Tau Nu Beta:

Colleen Apostol Nasreen Bahreman Miranda Brannon Teresa Bryner Sara Cawrse Ganielle Chappell Rebecca Coppola Jessica Dean

Caeden Dempsey Bonnie Dowling Cindy Ellis Nichole Houghtling Ji Won Lee Kate Lee Shirley Lee Sandeep Lehil Hannah Loring-Davis Robin Keisha Lynch Priya Meyer Nicole Mills Benjamin Lee Moret Patricia Uwazuruonye Njoku Monaben (Mona) Patel Tina Joann Penrose Kathleen Piperno Angela Poltrack Melinda Pritchett Karen Radowich Tania Vucich Randell Marjohn Melody Rasooly Amber Nicole Richert Meagan Schiavone Myrna Sroka Chia-Chun Tang Loc Thomson Joanna Beth Uretsky Jessica Christina Vargas Nicole Warner Sarah Nicole Wheeler

The following undergraduate students have been elected to Sigma Theta Tau Nu Beta:

Maria Francesca Larissa Anselmo Abby Austin Kristina Lynn Baroska Patricia Bermudez Ianine Denise Iade Borromeo Shannon Brown Erica Bublitz Johannah Lena Butler Ghislaine Cedeno Tina Elizabeth Chikovani Kristen Jamie Chin Kimberly Chung Alexandra Cohen Kimberly Nicole Crouse Simmone deBeaubien Mariya Deutsch Lindsay Dobucki Matthew Doty Colin M. Doyle Indre B. Dovle Naomi Fener

Virginia Frontiero Angela Fulmer Jessie Fuentes Kira Gelineau Andrea Girard Stacy Darlene Gwatura Nyssa Halgrimson Kristen Hampson Alicia Hendrix Jacqueline Michelle Herd Sara Renee Hernandez Judith Kristin Hill Sarah Huang Kyle P. Jensen Katie Johnson Terra Anne Jones Natalie Gray Kornbluth Jill Kronick Tricia Krueger Natalie E. Lawson Caleb Ray Ledford Claire Maylor Logue Emily Mackin Stephanie Martin Kristen McConnell Colleen Marie McEachern Caitlin McIntvre Catherine Christina Meadowcroft Jessica Might Laura Ellen Mitchell Taylor Elise Morrison Anna Murphy Gretchen Nettle Amy Oliver Promise Olomo Kelly O'Neill Leah Pang Marissa Patterson Hannah Paulsen Jennifer Elaine Peace Anna Peterson Margaret Plattner Tal Raizer Katrina Reiser Virginia Rollins Bethany Roth Claudia Rotter-Cotts Sarah Aimee Rubard Kristen Sanders Lauryn Saxe Caroline Schildbach Sarah Jane Schlotterbeck Hunter Schulz Lindsey Scott Lisa Marie Sharp

Tenley Spatz Joshua Allyn Steen Jennifer Tanner Lindsay Erin Tedeschi Samantha Title Alyssa Joy Tom Shaun Marie Tompkins Jessica Trizna Nora Werner Amanda Jeanne Woodwell Amanda Youngman Lauren Zegers

## Honor Society for the Carey Business School

### Delta Sigma Pi

The Delta Sigma Pi, Chi Chapter, established in 1922, sponsors professional, social, and community service activities, as well as regional and national Delta Sigma Pi conferences. Upon graduation, Deltasigs may continue their participation through the Baltimore Alumni Chapter, one of the oldest and largest alumni chapters in the country.

The following members of the graduating class are members of Delta Sigma Pi:

Amber Jean Harris Olufemi Jacob Malomo Ichen Mei Lee Coddington Mitchem

## Honor Society for the School of Education

## Chi Sigma Iota

Chi Sigma Iota (CSI), Lambda Chapter, is the international honor society of professional counseling. The honor society was established in 1985 through the efforts of leaders in the profession of counseling whose desire was to provide recognition for outstanding achievement, as well as outstanding service, within the profession. The mission of Chi Sigma Iota is to promote scholarship, research, professionalism, leadership and excellence in counseling, and to recognize high attainment in the pursuit of academic and clinical excellence in the profession of counseling.

The following members of the graduating class are members of Chi Sigma Iota:

Islamiyat O. Adebohun Meshal F. Al-Sager Jessica L. Bailey Lindsay R. Blanken Candyce J. Burke Sue-Ellen Patricia Clarke Jennifer Hamilton Dawson Daniela Doyle Jennifer Leigh Edwards Eric S. Fishman Sarah Rebecca Gilden Elizabeth A. Guevara Lauren Whitney Hovis Anne Gassaway Hubbard Elizabeth M. Kuttler Christina Theresa Labib Paige Nicole Lee Karla J. Lepinsky Shante Lanice Lewis Melanie LeAnn Richards Alicia Michelle Ritgert Lindsay Brooke Saltzman Rachel D. Sessions Madison Abbyss Simmermon Theresa M. Snell Katrina Antoinette Tyree Tabb Cassandra Maria Thomas Alison L. Whyde Richard Roy Wolcott Eric D. Zerrlaut

# STUDENT HONORS

#### General University Honors

General University Honors were determined at the end of March, 2010, for students who had achieved a cumulative Johns Hopkins University grade point average of 3.5 or higher. Students earning this honor at the end of spring 2010 semester will have that notation placed on their final transcripts.

# The Zauvyl Krieger School of Arts and Sciences

# Baccalanreate Candidates Graduating with General Honors

Robert Jacob Abramovic **Julie Finsmith Abramowitz** Nikki Meryl Ackerman Ayesha Tahir Afzal Angela Dimatulac Aherrera Cynthia Ann Alessio Michael Anthony Alfieri Adriane Janelle Alicea Meena Khalid Al-Talib Jordana A. Pauline Askanas Joshua Ayal Colin Azariah-Kribbs Munisa Mohamed Bachu Kate Lee Barry Katherine Rose Barry Rachel Cohen Bass Patrick Esien-Ekpe Bassey Toshiro Jeffrey Baum Kristen Marie Beerhorst Natalie L. Berkman Mohammed Nadir Bhuiyan David M. Bjergaard Harry Isaiah Black Jean Ah Boisvert Amanda Jean Boyle Maria T. Braileanu Jessica Elizabeth Brandt Carrie Brauer Jeremy Allan Bremer Sarah Rose Bresler Amy Elois Purviance Bross Megan Nicole Brower Eric James Brownhill

Angelica Janeth Buerkin-Salgado Sharon Bukspan Dominykas Burneikis Alexandra Perry Byer Michael Brendan Byrne Justin Byun Solara Cecile Calderon Phoebe Nicola Campbell Woodrow Wiley Campbell Christopher Michael Capuano Emily Elizabeth Carambelas Steven Cardinali Lauren C. Carney Kearra Nicole Carter Giselle Aubrey Chang Jonathan Michael Charny Eric A. Chen Ann Chu-An Cheng Godefroy Sullyvan Chery Veronica Pui Shan Chiu Hun Min Cho Joonhee Cho Seung Eun Cho Youn Keong Cho Jennie Kim Choe Caitlin Hee Choi Minhaj Chowdhury Danny Choy Michael Mon-Lwin Chu Kelly Ya-Jin Chuang Devon Ashley Cohen Richard Alan Coleman Jr. Maura Anne Coughlin Claire Elizabeth Cravero Alec Sandon Dancy Husain Haiderali Danish Margaret Alice Hart Davidson Chung-Ha O. Davis Claire Susannah Davis Kaitlyn Marie Davis Michael Christopher de Lyon Elizabeth Amy DeMeo Anna Helena Zander Denis Camille Genevieve Dessaigne Kristin Brooke Deuber Haley Elizabeth Deutsch Dakota Patricia DeVos Matthew Erik Diener Molly Danielle Dillon Rachel Helen Dillon Peter A. Dimaria Therese Noelle Dizon Yuho Doh

Matthew Evan Dolente Kevin William Doxzen Stephen Dunlap Sarah Rachel Durica Max Klinghoffer Dworin Abigail Boyer Dwyer Catherine Alanna Eagan Kenneth Llewelyn Eaton Shanna Rachelle Edberg Emilie Cher Efronson Heather Michelle Ehrlich Eva Shoshana Eichen **Bailey Herron Eisen** Juliette Manon Eisner Mohammad Elsayed Kyle Andrew Engelmann Rachel Gabrielle Epstein David Solomon Erani Kate Marie Esterline Katherine Lee Evans Anne Elizabeth Faber Michael Brodie Fellows Michael Edward Ferrante Douglas Warren Ferrer Isaac Joseph Finkelstein Katherine Martha Firestone Rebecca Anne Fishbein Eta Flamholz **Conor Patrick Foley** Rachel Avra Freedman Mara Danielle Harkavy Friedman Polly Bo-Yi Fu Sean Li Gao Rupen Garg Matthew Connor Garland Laura Catherine Gelston Nicholas James Gilson Amanda Giorgio Joshua Phillip Gleason Eric Daniel Goodman Douglas Lowell GoodSmith Elizabeth Lauren Gordon Miles Phillip Gordon Maria Karen Granato Sydney Beth Greenberg Benjamin Zvi Greenfield Anne Marie Griffioen Allie Ann Grither Robert Lawler Grobman Paul Scott Grossinger Matthew David Groves Michelle Petra Gulino Miriam Cristina Guzman

Olga Guzovsky Hye Jeong Han Tamar Harel Courtney Leigh Harris Daniel John Hartigan Ellina Hattar Alyssa Emily Hawn Daniel Bell Hochman Kendall Defrawi Hoff **Emily Anne Holthaus** Karen Willa Hong Nathaniel Thomas Hooks Storm Vanderzee Horine **Jennifer** Hou Justin T. Hsieh Hwa Huang Robert Huynh Isabel Emiko Ishizuka W. Maxwell Islinger Alexandra Wang Jabs **Jake Jaffe** Whitney Harriet Janis Yike Jin Samuel David Jockel Adam Lee Johnson Dhong Eun Jung Olexandr Kal'tsev Lester Ninyuen Kao Adiya Sarah Katseff Harvir Kaur Elizabeth Rachael Smith Kelen Alexandra Kay Kennedy Do Yeun Kim Jung Hyun Kim Lina H. Kim Minii Kim Nam Yoon Kim Emily Sara King Sarah Smiley Knapp Lyonell Benn-Izak Kone Pauline Hilleke Margreet Koningsveld Alexandra Behar Kornbluh Preston Elliot Kramer Laura Elizabeth Kranish Jessica Clark Kraus Lauren Danielle Krueger Brahma Vencel Kumar Alison Patricia Kumro Alexandra Diana Troy Kwit Edwin Chun-For Lam Heather Kristin Larkin Christine Jean Lee

Ho Jae Lee Joseph Hangel Lee Seung-Chul Lee Ian Christopher Lee-Chang Katharine Louise Lefkof Erica Lehner Samuel Robert Lichtenstein Chien-Fu Clara Lin Li Ting Christina Lin Ryan Michael Lino Catherine Jiun-Yan Liow Celeste Elizabeth Lipkes Laura V. Livaditis King Yu Lo Frederick Alexander Loguidice Xu Lou Rachel Rebecca Love liavun Lu Nicole Lunardi Albert Thein Lwin Hnin Lwin Jeffrey Ma Muireann Kirkland-Wallis Mageras Elliot Nathaniel Mahlof Leah Nicole Mainiero Shalini Tinni Maitra Daniel Benjamin Marans Nicholas Denison Mark Maric Noel Marquis Nathan Edward Marrone Rebecca Bowman Mathias Anthony Joseph Mazzola Jesse L. McDermeit Amy Marie McDonough Rebecca Adams McGivney Kelly Elizabeth McNamara Mark Gabriel Meadows Mihir Mehta Kara T. Mirski Nityanand Pandurang Miskin Mohammad Modarres Alexander A. Moghadam Jacob A. Mokris David Neal Moorshead Amy D. Morgan Alyssa Lee Morgenstern Aiyana Kristina Mourtos Matthew James Mulligan Liusuke Nagayoshi Sang Jun Nam Melody Genevieve Nath Benjamin Shaw Nelson Cuong Quoc Nguyen Cady Craig Nicol Magdalena Nowosadko

Stephanie Martina O'Connell Samantha Lynn Ohmer Linda Amaechi Okai Kent Okawa Joseph Lee Orofino Katherine M. Osborn Nicole A. Overley Christina Michelle Louise Padilla Andrew Benjamin Panega IV Byung Joon John Park Neel Dave Pasricha Karan Shaileshkumar Patel Saharsh Arvind Patel Shail Pivush Patel Zachary William Patinkin David Jon Daniel Paulzak Carolyn F. Pearce Judith Amelia Penati Katherine Yinyin Peng Diana Cristina Peralta Krishna Ryan Permaul Melissa A. Phreaner Havley Elizabeth Plack Adam Simon Podlisky Lauren Rose Pollack Daniel Joseph Pomerantz Farah Rahman Sarah Margaret Raible Siavash Raigani Karthik Rao Timothy Michael Rappazzo Ryan Charles Rauck Jason Gregory Ravit Christopher R. Razavi Amanda Adair Reck Preeta D. Reddy Wang Jae Rhee Minyoung Rho **Richard Michael Riecken** Chelsea Illusion Rinnig Michael Rogers Carolyn Irene Rosinsky Samantha Marilyn Ruff Christopher Lawson Ruland Samara Crystal Rutenberg Renee Catherine Ryberg Karl M. Saardi Claire I. Salama Sebastian Salas-Vega Benzion Samueli Aliyah Jayne Sanders Catherine Margaret Sanders Sara Johanna Santos Lindsay Anne Scattergood Stephen John Schatzman Molly Canlin Schwartz

Danielle Beth Schwarz Paul Welsh Schweiker Lily Maia Seglin Kenneth Karol Seidl Jr. Jeremy Stahly Selbst Dominique Yuan Bin Seow Steven David Shapiro Benjamin Alan Shapiro-Kline Justin Eric Shen Yichen Shen Victoria Priest Shuster Peter Atwood Sicher Justin David Silverman Lauren Marie Silvey **Jerome Ronald Simons** Desiree Monique Simpson Helen Leana Sims Ife Kibibi Sinclair Lucy Anna Sirianni Jean Allen Smith Thomas Spencer Smith Paige H. Stabolepszy Justin David Stahl Michael Peter Stehn II Clare Florence Steinberg Shane Noah Steinert-Threlkeld Rivky Stern Lindsay Anne Sternad Katherine Cynthia Stingl Jeanne M. Stoll Jimmy Suh Derek Richard Sundermann Rachael Deborah Susaneck Keaton P. Swett Michael Chor-Yew Szeto Austin Wilkes Tally Connie Tan Sarah J. Tan Liyang Tang Lindsay Victoria Tauscher Lauren Maria Thomaier Casey Elizabeth Tiefenwerth Steven Daniel Tobochnik Tony Tsai Yelena Tsilker Jesica Um Rachit Mayank Vakil Christina Rose Valerio Vanessa K. Verdine Jocelyn Moore Wagman Justin Alexander Waite Amy Wang Ann Xi Wang Hsuan-Chin Wang Olivia Sipei Wang Katharine Cunningham Watson Jennifer L. Webber Danielle Shoshana Weissman Catherine Murphy White Jennifer Lauren Whitehead Cassie A. Wicken Lauren Eva Wiesebron Megan Elizabeth Wilson Diana M. Wohler Philip Tucker Wolf Annie Ai-Li Wu Iuliana Wu Yanjun Xie Kenny Xu Wenning Xu George Liu Yang Hye Jung Chloe Yang Kil Sung Yang Zachary Brit Yerushalmi Andrew Yip Rachel T. Yong David H. Yoo Fahd N. Yunus Karam Asma Zaman Anthony William Zei Rami A. Zeidan John Thomas Zetterstrom Li Zhao Xin Zhou Phyllis Zhu Brittany Sari Zimmer

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

## Baccalanreate Candidates Graduating with General Honors

Pichet Adstamongkonkul John Calvin Anderson Weston Anderson Lorre S. Atlan Daniel Wallace Bagdorf Wilham Leverant Bagdorf James Steven Barger Andrew Charles Barnett Thomas Peter Batcho Evan Harris Baugh Murat Bilgel Hannah Beth Bhim Thanapoom Boompat Vivek Bose Frie Andrew Brodie Andrew S. Chang Ryan Chang Yu Cherng Channing Chang

Tom Tao Chen Derek Kingman Cheng Eun Sook Choi John Lawrence Cooper Christopher Braden Deal Brandon Jay Demory Adam Christopher Diehl Brandon Duc Doan Kiersten Marie Dockenev Brent Timothy Dolan John Edward Downey Geoff Dworkin Stephen John Edwards Alexander Charles Englesbe Andrew Joseph Faulkner Ryan Matthew Fay Sarah Elizabeth Feicht Adam E. Feinstein Jennifer Bridget Folinusz Matthew Craig Gombolay Jonathan Andrew Gordon Joshua Michael Greenspan Wilson Guan Yufeng Guo Kieran Kiyoshi Gupta Brandon Thomas Hahn Matthew T. Haynes Ping He Tony Lizhang He Alexander Montgomery Heinz Jeffrey Kenneth Hirschev Edward David Holzinger Alexander J. Hoogland Brian Hao-yu Hsi Doanwhey Alexander Hsieh Steve Hu Moon Im Lara Renee India Nisha Ramdas Iver Russell Paul Jampol Julie Mingjue Jiang Ngong Chiu Sunny Kam Levi Ndiukwu Kanu Gregory Alexander Khevfets Hong Seok Kim Sharon Hope Kim Rachel Amanda Kloss Ami Emily Kumordzie Kevin Kuo Ian Lee Iuliano Lee Valerie Alix Levrant Victor Yusen Li Yu-An Lien Jung Ming George Lin Brian Guan-Chyun Liu

Solomon Shou Liu Alexander Lo Adam Lu Dara Suzanne Male James Peter Mandaglio Sameer Sudhir Manek Jessica Irene Mao Jessica Erin McDade Gulsum Meric Alysson Margaret Mondoro Christopher Colin Neoh Tiffany Ng Evan Gilman Okin Sharon Jane Ovadia Akshav S. Paintal Matthew Vincent Panico Jennifer Lynn Paulucci **Emily Nicole Platz** Sarah Katherine Pulicare Robert Yoshi Romano Alexander James Ropson Kevin Andrew Schafer Caitlin Joy Schram Swarnali Sengupta Christopher Manuel Serrano **Baris Sevinc Jinesh Shah** Danica Marie Sheth Anthony T. Sin Avik Som Courtney Lynne Souza Raja Ram Srinivas Siah Hong Tan Alex Martin Vacharat Ankit S. Vartak Wolfgang Christoph Wagner Hanlin Wan Charles Chung-Jen Wang Geoffrey M. Wang Andrew David Warren Jeremy Michael Weiss Paul Robert Wilkening Andrew David Wisneski Andrew Mitchell Woodward Alexander Wu Xin Alice Wu Xinlei Wu Bin Quan Yang Philip Yang Apurva Yeluru Phillip Yen Bo Kyung Yoon Yuanting Zha Weixi Zhong Luwei Zhou Weizhuang Zhou

# Engineering Programs for Professionals

## Master's Candidates Graduating with Honors

Claire E. Allen Gian Antonio Alvarez-Blanes Erik Anderson Antony Micheal Baca Daniel Charles Bach Tiffany Gayle Bain Christopher Wyatt Baird Christopher Thomas Bates Corina Catherine Battista Tewodros Tesafa Belav Neil Benar Thomas William Betts **James Robert Black** Giselle Marie Bonilla-Ortiz Jennifer Angela Bonnev-Ray Weston Ryan Boyd Paul Neil Brooks Jeffrey Jeffrey Brunet James Bradford Burns Paul David Butterfoss Patrick T. Callahan Jason M. Carey Eric Edmund Case Jenny Marie Castellano David Aaron Champion Sang Choi II Raj Kumar Chopra, Jr. Allison Marie Cimaglia Michael John Ciotti Arnaldo J. Colon Bret Alan Combs James Michael Conway Joshua Rajiv Cornelius Joshua Rajiv Cornelius Christopher Michael Cornell Brian Irvin Cornwell **James Edward Corrigan** Michael Ross Cortina Benjamin Elliott Daniels Roger Andrew Davis Jeffrey Jon DeMerchant Cvnthia Elizabeth Denchfield Jonathan William Doughty Paul Dreyer Iordan Effron Benjamin Franklin Elkins III Aaron Michael Ellis Jaime Shay Erickson Nathanial Joseph Ernst Julie Louise Farmer Timothy Farmer

Joseph Patrick Feehan Monica Anne Fernandez Nicholas A. Ferris Eric B. Freitag Francisco Galletti Katherine Garufi Eugene D. Geddes Jason Karl Geist Mitchell J. Gersten Julie Gillespie Matthew Gilman John Steven Glaros Paul Gofran Matthew Craig Gonce Sloan Thomas Gonzales Timothy Philip Gramiccioni Random Teran Gwinn Allison Marie Healev Blair Francis Heiserman Lamont Decamp Henderson Lisa Eleanora Henderson Joseph Hennawy Allison Lorraine Henrickson Keith William Hensley Brian Patrick Hickey Tyson Kenneth Hill Kevin G. Hockett Keith Lynwood Holland Kenneth Raymond Honecker Jarrod David Hoover Michael Jonathan Horr Brian Simmons Iglehart Ifeanyi Igwulu David M. Jacobson Christopher Nicholas Jais Justin Emerald Jochum Wilmer Justiniano Michael Katz Christina Kennedy Kathi Ann Kirschenheiter Navpreet S. Kohli William Louis Korsen Katie J. Koslucher Sarah F. Kozik Jaryk John Kuzel Jonathan Noel Laguardia David Stephen Lancaster Douglas Kenneth Lay Matthew Benjamin Layman Steven I. Lee DooHvun Lee Brandon Jahn Lester Ivy Shiu-Yen Liu Eric John Lomonaco Kurt Stephen Lorenz Michael Charles Malchiodi

Kelvin Maurice Marcus Alicia Marie Martin Paul Egan Martin Jason Joseph Matusiak Michael Patrick McCoy John A. McGraw Steven L. McNutt Lester Michael Melanson Francisco lavier Melendez Diaz Andrew Reed Mihaloew Anjali Kochhar Milano 1ain Arthur Miller **Brent Mills** Colby Montgomery Michael Howard Moore Jr. James Vaughan Morton Todd Eric Moyer Keith Bryan Newlander Eyong A. Nsoesie Amy E. Oaks LoPresti Michał Jeremi Orlikowski David Molter Orr Gregory C. Osefo Mark Aaron Owens Krishna N. Patel Jonathan Matthew Patrick Lindsay Sue Pierce Aldrin Piri Edward Verne Pittman Mihail Kantchev Popov Robert James Portigue Vicki Lynn Qualls Caroline Ann Raley Thomas Richard Reinert Luis Alberto Rivera Richard Monte Roenfeldt Jonathan Rohrer Felix Alberto Ruiz David Michael Sabol Ibrahim A. H. Saif Jarret John Sample Steven David Sapp Kendra Lynn Schlueter Angela L. Schnidt John R. Schwab Ian Matthew Scott Brian Seckinger Peter Jonathan Sheehy David Sheets Joshua Shrader Prasoon Shrestha Theresa M. Smith Eric Gabriel Smith Matthew K. Sproul Timothy Gerard Stack Christopher Allen Stevens

Timothy John Stewart Linda Diane Swain Emile Mark Szlemko Theodore Gerald Thrasher Brian C. Timmons Travis Cameron Tomsu Michael Wayne Tunick Wesley Adam Turbeville Valerie Jeanine Turner Kevin Richard Uher Geoffrey Uy Paul Van Opens Steven Paul Walsh Matthew K. Ware Lori Hitt Wilkins Joseph Robert Williams III Rhan Yi Rvan Yu Andrey Sergeievich Zhuk Kecia Kay Zullo

## The Carey Business School

## Baccalanreate Candidates Gradnating with General Honors

Judah Balasiano Christina Gail Farias Yehuda Gabaie Andrew Gross Adam F. Keating Brunke Onken Kyle C. Pesti Alex J. Pudles Sean Alexander Scott Karen Capek Skochinski

## School of Education

# Baccalanreate Candidates Gradnating with General Honors

Carole L. Allen Amal E. Awad Sharla A. Gibson Arthur Grieshaber Ernest J. Hannig David P. Moxley Richard Thomas McArthur The Zanvyl Krieger School of Arts and Sciences

# Graduating with Departmental Honors

Robert Jacob Abramovic, Mathematics Julie Finsmith Abramowitz, Writing Seminars Selee Ahn, History of Art Cynthia Ann Alessio, Neuroscience Michael Anthony Alfieri, Writing Seminars Joshua Ayal, International Studies Colin Azariah-Kribbs, English Emma Margaret Barnett, Writing Seminars Rachel Cohen Bass, International Studies Toshiro Jeffrey Baum, International Studies Natalie L. Berkman, Writing Seminars and French David M. Bjergaard, Physics Harry Isaiah Black, Philosophy Lize-Anne Victoria Bonhomme, Antbropology Amanda Jean Boyle, Writing Seminars Maria T. Braileanu, Neuroscience Jeremy Allan Bremer, Writing Seminars Raford Wainwright Bussey Jr., Writing Seminars Justin Byun, Biology Lauren C. Carney, Writing Seminars Jonathan Michael Charny, Cognitive Science Jennie Kim Choe, Neuroscience Caitlin Hee Choi. Public Health Studies Michael Mon-Lwin Chu, Neuroscience Kelly Ya-Jin Chuang, English Catherine Dene Elizabeth Coleman, History Claire Elizabeth Cravero, International Studies Alec Sandon Dancy, Molecular and Cellular Biology Ishan Dasgupta, Philosphy Claire Susannah Davis, Writing Seminars

Kaitlyn Marie Davis, Writing Seminars Stephanie Melissa Delman, Writing Seminars Anna Helena Zander Denis, History of Art Dakota Patricia DeVos, History of Art Rachel Helen Dillon, English Kevin William Doxzen, Biophysics Stephen Dunlap, Neuroscience Abigail Boyer Dwyer, History of Art Kyle Andrew Engelmann, Neuroscience Alexander Charles Englesbe, Pbysics Kate Marie Esterline, Writing Seminars Michael Edward Ferrante, Writing Seminars Rebecca Anne Fishbein, Writing Seminars Eta Flamholz, Cognitive Science and Writing Seminars Mara Danielle Harkavy Friedman, Writing Seminars Rupen Garg, Molecular and Cellular Biology Matthew Connor Garland, International Studies Laura Catherine Gelston. Public Health Studies Sarah Hopkins Gieszl, Autbropology Romy Danielle Golan, Writing Seminars Douglas Lowell GoodSmith, Neuroscience Sarah Helen Grant, Writing Semmary Sara Elizabeth Grayson, Spanish Paul Scott Grossinger, Senior Thesis Michelle Petra Gulino, Romance Languages Tamar Harel, English Courtney Leigh Harris, History of . Irt Deepti Harshavardhana, Neuroscience Alyssa Ennly Hawn, H riting Seminars Jennifer Hou, Molecular and Cellular Biology Justin T. Hsteh, Neuroscience

Hwa Huang, History of Science, Medicine and Technology Robert Huynh, Neuroscience Jake Jaffe, Chemistry Whitney Harriet Janis, Writing Seminars Yike Jin, Neuroscience Adam Lee Johnson, Physics Dhong Eun Jung, Molecular and Cellular Biology Elizabeth Rachael Smith Kelen, Writing Seminars Do Yeun Kim, Writing Seminars Lina H. Kim, Public Health Studies Nam Yoon Kim, Chemistry Preeti Kohli, Public Health Studies Lyonell Benn-Izak Kone, Neuroscience Alexandra Behar Kornbluh, Neuroscience Cassandra Malvina Kowal, Writing Seminars Preston Elliot Kramer, Biology Jessica Clark Kraus, Public Health Studies Lauren Danielle Krueger, French Edwin Chun-For Lam. Public Health Studies Christine Jean Lee, Neuroscience Li Ting Christina Lin, Neuroscience Celeste Elizabeth Lipkes, Writing Seminars Laura V. Livaditis, English King Yu Lo, Neuroscience Veronica Lopez, Romance Languages Rachel Rebecca Love, Molecular and Cellular Biology and English Albert Thein Lwin, Molecular and Cellular Biology Muireann Kirkland-Wallis Mageras, International Studies Rebecca Bowman Mathias, Anthropology and French Rebecca Adams McGivney, History Nityanand Pandurang Miskin, Neuroscience Alexander A. Moghadam, Nemoscience

lacob A. Mokris, Physics and Mathematics David Neal Moorshead. Molecular and Cellular Biology Melody Genevieve Nath, French Byung Joon John Park, Public Health Studies Neel Dave Pasricha. Nenroscience Karan Shaileshkumar Patel, Neuroscience Saharsh Arvind Patel, Public Health Studies Remy Carlotta Patrizio, Writing Seminars Judith Amelia Penati, Neuroscience Hayley Elizabeth Plack, History of Art Daniel Joseph Pomerantz, Neuroscience Benjamin Charles Ponedel, Mathematics Karthik Rao, Public Health Studies Ryan Charles Rauck, Molecular and Cellular Biology Jason Gregory Ravit, Mathematics and Economics Amanda Adair Reck, Writing Seminars Chelsea Illusion Rinnig, History and Writing Seminars Michael Rogers, Anthropology Carolyn Irene Rosinsky, Neuroscience Samantha Marilyn Ruff, Molecular and Cellular Biology Christopher Lawson Ruland, Molecular and Cellular Biology Lindsay Anne Scattergood, Anthropology Kathleen Anne Schiro, Earth and Planetary Science Molly Caitlin Schwartz, History Paul Welsh Schweiker, Political Science Michael McNair Schwerin, Writing Seminars Lily Maia Seglin, Political Science Dominique Yuan Bin Seow, Political Science Yichen Shen,

Physics and Mathematics

Laura Susan Shingleton, Writing Seminars Peter Atwood Sicher, History Justin David Silverman, Physics Lauren Marie Silvey, Writing Seminars Jerome Ronald Simons, Physics Helen Leana Sims, Cognitive Science Lucy Anna Sirianni, English Jean Allen Smith, Molecular and Cellular Biology Justin David Stahl, Cognitive Science Shane Noah Steinert-Threlkeld, Philosophy Lindsay Anne Sternad, Writing Seminars Austin Wilkes Tally, Writing Seminars Connie Tan, Cognitive Science Sarah J. Tan, Writing Seminars Lindsay Victoria Tauscher, History of Art and French Casey Elizabeth Tiefenwerth, Anthropology Johnson Jose Ukken, English Rachit Mayank Vakil, Molecular and Cellular Biology Ann Xi Wang, Molecular and Cellular Biology Ming Wen, Writing Seminars Eric R. Wertheim, Writing Seminars Philip Tucker Wolf, Economics Annie Ai-Li Wu, Molecular and Cellular Biology Yanjun Xie, Public Health Studies Kil Sung Yang, Molecular and Cellular Biology Andrew Yip, Physics David H. Yoo, Molecular and Cellular Biology Phyllis Zhu, English

# Gradnate from the Honors Program in Hnmanistic Studies

Colin N. Azariah-Kribbs, B.A.

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

# Baccalamreate Candidates Gradnating with Departmental Honors

Pichet Adstamongkonkul. Biomedical Engineering Grant Stuart Anderson, Electrical Engineering John Calvin Anderson, Computer Science Weston Anderson, Environmental Engineering Lorre S. Atlan, Biomedical Engineering Daniel Wallace Bagdorf, Mechanical Engineering William Leverant Bagdorf, Chemical and Biomolecular Engineering James Steven Barger, Biomedical Engineering Andrew Charles Barnett, Mechanical Engineering Thomas Peter Batcho, Materials Science and Engineer Evan Harris Baugh, Chemical and Biomolecular Engineering Murat Bilgel. Biomedical Engineering Hannah Beth Blum, Civil Engineering Thanapooin Boonipat, Biomedical Engineering Elizabeth Worley Cha, Computer Science Andrew S. Chang, **Biomedical Engineering** Ryan Chang, Biomedical Engineering Yu-Cherng Channing Chang, **Biomedical Engineering** Tom Tao Chen, Biomedical Engineering Derek Kingman Cheng, Materials Science and Engineer Eun Sook Choi, Biomedical Engineering John Lawrence Cooper, Chemical and Biomolecular Engineering Brandon Jay Demory, Electrical Engineering Adam Christopher Diehl,

**Biomedical Engineering** 

Brandon Due Doan, **Biomedical Engineering** Kiersten Marie Dockeney. Chemical and Biomolecular Engineering Brent Timothy Dolan, Mechanical Engineering John Edward Downey, Biomedical Engineering Geoff Dworkin, Chemical and Biomolecular Engineering Stephen John Edwards, Computer Engineering Andrew Joseph Faulkner, Civil Engineering Ryan Matthew Fay, Computer Engineering Sarah Elizabeth Feicht. Chemical and Biomolecular Engineering Adam E. Feinstein, Computer Engineering Jennifer Bridget Folinusz, Civil Engineering Evan Louis Goldschmidt, Computer Science Matthew Craig Gombolay, Mechanical Engineering Jonathan Andrew Gordon, Computer Engineering Rachel Caroline Gross, Environmental Engineering Yufeng Guo, **Biomedical** Engineering Kieran Kiyoshi Gupta, Computer Engineering Manaswi Gupta, Computer Science Brandon Thomas Hahn, Mechanical Engineering Sarah Kingsley Hathaway, Environmental Engineering Matthew T. Haynes, **Biomedical Engineering** Ping He, Biomedical Engineering Tony Lizhang He, **Biomedical Engineering** Alexander Montgomery Heinz, **Computer** Engineering Jeffrey Kenneth Hirschey, **Biomedical Engineering** Edward David Holzinger, **Computer** Science Alexander J. Hoogland, Environmental Engineering

Brian Hao-yu Hsi, **Biomedical Engineering** Doanwhey Alexander Hsieh, Computer Engineering Steve Hu, Chemical and Biomolecular Engineering Moon Im, Chemical and Biomolecular Engineering Lara Renee India, **Biomedical Engineering** Nisha Ramdas Iver, **Biomedical Engineering** Russell Paul Jampol, Chemical and Biomolecular Engineering Julie Mingjue Jiang, **Biomedical** Engineering Levi Ndiukwu Kanu, Chemical and Biomolecular Engineering Hong Seok Kim, **Biomedical Engineering** Sharon Hope Kim, **Biomedical Engineering** Rachel Amanda Kloss, Applied Mathematics and Statis Ami Emily Kumordzie, **Biomedical Engineering** Kevin Kuo, Chemical and Biomolecular Engineering Ian Lee, Biomedical Engineering Juliano Lee, Electrical Engineering Valerie Alix Levrant, **Civil Engineering** Yu-An Lien, Biomedical Engineering and App Jung Ming George Lin, **Biomedical Engineering** Brian Guan-Chyun Liu, **Biomedical Engineering** Solomon Shou Liu, **Biomedical Engineering** Alexander Lo, **Biomedical Engineering** Adam Lu, **Biomedical Engineering**, Chemistry, Mathematics, and Applied Mathematics and **Statistics** Dara Suzanne Male, Civil Engineering Sameer Sudhir Manek, **Biomedical Engineering** Jessica Irene Mao, **Biomedical Engineering** Jessica Erin McDade, **Biomedical Engineering** 

Gulsum Meric, Chemical and Biomolecular Engineering Alysson Margaret Mondoro, Civil Engineering Sean Patrick Murphy, Environmental Engineering Christopher Colin Neoh, **Biomedical** Engineering Tiffany Ng, **Biomedical Engineering** Sharon Jane Ovadia, **Biomedical Engineering** Matthew Vincent Panico, Biomedical Engineering Jennifer Lynn Paulucci, **Biomedical Engineering** Emily Nicole Platz, **Biomedical Engineering** Sarah Katherine Pulicare, Chemical and Biomolecular Engineering Sandra Milena Reves, **Biomedical Engineering** Robert Yoshi Romano, **Biomedical Engineering** Alexander James Ropson, Applied Mathematics and **Statistics** Alexander Rozenshteyn, Computer Science Jonathan Michael Satria, Computer Science Joel Joseph Scaria, **Computer** Science Kevin Andrew Schafer, Chemical and Biomolecular Engineering Swarnali Sengupta, **Biomedical Engineering** Baris Sevinc, **Biomedical Engineering** Jinesh Shah, **Biomedical Engineering** Danica Marie Sheth, Chemical and Biomolecular Engineering Marlene Ting Ting Shi, **Biomedical Engineering** Anthony T. Sin, **Biomedical Engineering** Avik Som, Biomedical Engineering Raja Ram Srinivas, **Biomedical Engineering** Siah Hong Tan, Chemical and Biomolecular Engineering Ceylan Ece Tanes, **Biomedical Engineering** 

Alex Martin Vacharat, Mechanical Engineering Ankit S. Vartak, Chemical and Biomolecular Engineering Wolfgang Christoph Wagner, Computer Science Hanlin Wan, **Biomedical Engineering** Charles Chung-Jen Wang, **Biomedical Engineering** Geoffrey M. Wang, Biomedical Engineering Andrew David Warren, **Biomedical Engineering** Jeremy Michael Weiss, Computer Science Paul Robert Wilkening, Computer Engineering Andrew David Wisneski, **Biomedical Engineering** Luccie Maning Wo, **Biomedical Engineering** Alexander Wu, Chemical and Biomolecular Engineering Xin Alice Wu, **Biomedical Engineering** Xinlei Wu, Chemical and Biomolecular Engineering Bin Quan Yang, Biomedical Engineering Philip Yang, Chemical and Biomolecular Engineering Apurva Yeluru, **Biomedical** Engineering Phillip Yen, **Biomedical Engineering** Bo Kyung Yoon, **Biomedical Engineering** Yuanting Zha, **Biomedical Engineering** Weixi Zhong, **Biomedical Engineering** Weizhuang Zhou, **Biomedical Engineering** 

\* Please note that some students may not be listed as receiving Departmental Honors because this program had to go to press before receiving notification from the departments.

#### DOCTORAL DEGREES

# THE SCHOOL OF EDUCATION

### Doctors of Education

Colleen Ann Duffy, Special Education. The Effectiveness of a Computer-Based Intervention and a Procedural Facilitator on the Performance of Fourth and First Grade Students with Math Deficits.\*\* Kimberly Ann Lewis, Special Education. The Effects of the Maryland Online Individualized Education Program Goal Wizard on

Annual Goals.\*\* Angela Tereasa Seaton, *Special Education*. The Effects of Check and Connect on the School-Related Violent Behaviors of African American Females.\*

Writing Standards Based

Matilde E. Vallejos, *Special Education*. Investigating the Relationship Between Acculturation and Immigrant Latino Parent Engagement in Schools.

# THE PEABODY CONSERVATORY OF MUSIC

#### Artist Diplomas

Katarzyna Bryla, Violiu Andrei Nicolae Licaret, Piano Ilyich Rivas, Conducting Lu Wang, Piano

#### Doctors of Musical Arts

Judah Erwin Adashi, *Composition* Jerfi Aji, *Piano* Michael Berkovsky, *Piano* Elisenda Fabregas, *Composition* Zane Forrest Forshee, *Guitar* 

Karin Elizabeth Hendrickson, Conducting Jennifer Marie Herrera, Violin Timothy Joseph Hoft, Piano Young Jin Kim, Piauo Angel On Ki Lam, Composition Han-Chien Lee, Piano Jolie Suhshiow Lin, Piano William Richard McKay Jr., Conducting Ruriko Osawa, Piano Baris Perker, Composition Jiavin Shen, Piano James Stopher, Conducting Bomi Lim Tunstall, Piano Min-Kuei Yang, Piano

## THE SCHOOL OF NURSING

#### Doctors of Nursing Practice

Deborah J. Baker. The Impact of Daily Goal Setting in a non-ICU Setting. Barbara L. Buchko. Improving Quality and Efficiency of Postpartum Education During Hospitalization. Laura Marie Carter. Influence of Intrinsic and Extrinsic Factors and Exercise Beliefs on Program Completion and Attrition Rates in Community **Dwelling Seniors Participating** in a Senior Fit Program. Charlene Miltz Deuber. The Toxigen Initiative: Targeting Oxygen Saturation to Avoid Hyperoxia in Very Preterm Infants.

Beth Carol Diehl-Svrjcek. Neonatal Glucose Testing and Prompted Interventions During the Pre-transport Phase of Care.

Kimberly Jill Elenberg. Identifying Improved Mechanisms for Delivering Effective Web-based Training to Public Health Responders. Jeanne Steman Findlay. The Efficacy of Managing Pediatric Atopic Dermatitis, Ages 0-4, through Parent Education Via Telehealth.\*\* Jeanine Maria Frumenti. Using Leadership Coaching to Improve Behaviors of Patient Care Managers and Their Management of Operational Failures on Three Medical-Surgical Hospital Nursing Units. Zeenat Sulainian Khan. Prevention of Ventilated Associated Pneumonia at Aga Khan University Hospital, Nairobi, Kenva. Ta-Ya Lee. Health Care Providers' Medication Reconciliation Practices and Perceptions of Risk with Anticoagulation Therapy in a Clinic Setting. Sumene Li. Initiation of Patient-Specific Structured Preoperative Educational Intervention for Adult Urological Patients at Preadmission Testing Unit, New York University Medical Center. Mary Joan Carter Lombardo. Reducing "Late to Rescue" Events for Admitted Intensive Care Patients in the Emergency Department. Rebecca Lauren Lozman. Fever Management in Pediatric Patients: A Look at Single Versus Alternating Antipyretics.

Brenda Kay Memel. A Quality Improvement Project to Decrease Length of Stay on an Adolescent Partial Hospital Program.\*\* Teresa Ann Messler. Dancing in the Womb: Your Baby's First Moves Are Vital! Educating Women Concerning the Importance of Fetal Movement. Kerri B. Miller. Educating Mothers on the Use of Oral Rehydration Solution and Zinc Supplements to Treat Their Child's Diarrheal Episode: The Hydration and Protection Project. Heather Smith Parenteau. Development and Utilization of an Algorithm for Intimate Partner Violence to Improve Assessment, Documentation, and Referral Use. Joanne Valent Porter. Implementation of a Coaching Program to Increase Intent to Stay and Engagement of Nurse Leaders at GBMC.\*\* Ellen MacDonald Ray. An Educational Initiative to Increase Prenatal Care Registration in the OB Triage Setting. Rhoda Rivada Redulla. Pathway and Education Towards Adherence and Completion in Hepatitis C Therapy (Project P.E.A.C.H.). Joan K. Rich. Educating Nurses on Postpartum Depression in the Acute Care Setting. Alisa Kirsten Rock. A Multidisciplinary Approach to STEMI Care—Achieving 90-Minute First Medical Contact to Open Artery Goals.

The appearance of a name in this section of the program is not considered conclusive evidence of graduation, nor is the omission of a name evidence that a degree was not awarded.

\*Degree conferred August 27, 2010

\*\*Degree conferred December 30, 2010

Suzanne Edythe Rubin. Prevention of Hyperbilirubinemia in the Late Preterm Infant. Elie Salameh, Non-Attendance with Clinic Follow-up Appointments: Diabetes as Exemplar. Mary Jean Schumann. Measuring Improvement in Pain Management of Hospitalized Pediatric Patients: Modification of a Quality Outcome Measure.\*\* Tammy Michelle Slater. Implement Best Practice Using a Critical Pathway for the Care of Adult AVR Patients, with or without CABG, in the CSICU as a

Means to Improve Cerebral Perfusion and Reduce Watershed Strokes.

Sharon Marguerita Stagg. Evaluation of a Workplace Bullying Cognitive Rehearsal Program in a Hospital Setting.\*\*

Monica Lynne Tenhunen. Prevention of Medication Errors in Nursing Homes. Bernadette Katherine Thomas. Blood Pressure Goal Attainment Among Adults with Chronic Kidney Disease and Diabetes: Provider-Focused Quality Improvement Using EHR. Stacey K. Whitten. Improving the Quality of Care to Primary Care Patients Treated with Opioid Analgesics: A Quality Improvement Project.

#### Doctors of Philosophy

- Jeanne Lorraine Alhusen. Maternal-Fetal Attachment and Neonatal Outcomes: The Role of Emotional Health and Intimate Partner Violence in a Sample of Low Income African American Women.
- Marguerite Baty Lucea. Examining HIV Risk, Partner Violence and Relationship Power among Young Adults in Cebu, Philippines.\*

## THE BLOOMBERG SCHOOL OF PUBLIC HEALTH

## Doctors of Public Health

Sadaf Khan, Population, Family and Reproductive Health. Maternal Health: A Study of Individual and Community Factors Related to Careseeking and Maternal Mortality in Pakistan.\* Chun-Yi Lin, Health Policy and Management. The Impact of Global Budgeting System on Health Service Utilization. Health Care Expenditures and Quality of Care in Pneumonia, Acute Pancreatitis and Fever of Unknown Origin in Taiwan. Elizabeth Anne Rowley, International Health. Migration Patterns, Sexual Violence, and Early Marriage in Self-settled and Campsettled Refugee Populations, Arua District, Uganda.\*\* Elizabeth Temkin, Population, Family and Reproductive Health, Innovative Programs for Sexually Transmitted Disease Control at the Baltimore City Health Department.

Song-Yen Tsai, Health Policy and Management. The Effects of Lifestyle Intervention on Stroke Risk Factors. D'Ann Laraine Williams. Environmental Health Sciences. Exposure Assessment of Contaminants Associated with Industrial Dairy Facilities in the Lower Yakima Valley Washington.\* Yu-Pin Yan, Health Policy and Management. The New Public Service Health Policy: Serving Rather than Steering Evaluation of Community Safety Promotion, Safety Awareness, and Behavior Change in Taipei, Taiwan.

#### Doctors of Philosophy

Anju Aggarwal, International Health. Socioeconomic Disparities in Obesity Prevalence: Role of Diet Quality and Diet Cost. Chuka Jide Anude, Epidemiology. Predictors and Prediction Modeling of Loss to Followup, Immuno-Virologic Outcomes and Sub-Optimal Drug Adherence Among Adults on Antiretroviral Therapy in Nigeria. Abdulgafoor Mahmood Bachani, International Health. Approaches to Measuring Non-Fatal Health Outcomes: Disability at the Iganga-Mayuge Demographic Surveillance System (IM-DSS) in Uganda. Bethany Barbara Barone, Epidemiology. The Effect of Exercise on Endothelial Function in Adults with and without Type 2 Diabetes.\* Sara Elizabeth Beese, Biochemistry and Molecular Biology. Regulation of the Fps1 Glycerol Channel in Saccharomyces cerevisiae.

Erica M. Bell, *Biochemistry and Molecular Biology*. Effects of Cross-Link Structure on Replication-Independent DNA Interstrand Cross-Link Repair in Mammalian Cells.\*\* Mark Christian Berry,

*Epidemiology.* Sexual Health, HIV/AIDS and Human Rights Among Gay, Bisexual and Other Men Who Have Sex with Men (MSM) in Almaty, Kazakhstan. Stephen Arthur Berry,

- *Clinical Investigation.* Implications for the Cost of HIV Healthcare from Two Studies of Hospitalizations and One Study of Outpatient Testing for Gonorrhea and Chlamydia.
- Nrupen Anjan Bhavsar, *Epidemiology*. Subclinical Albuminuria, Beta Trace Protein, Neutrophil Gelatinase Associated Lipocalin, and Kidney Injury Molecule-1 and Risk of Coronary Heart Disease, Chronic Kidney Disease, and Death.\*\*

Alexis Marie Fisher Bierman, *Environmental Health Sciences*. Mechanisms Underlying Lung Injury and Inflammation Following Experimental Mechanical Ventilation.

- Ava Katherine Bittner, *Clinical Investigation.* Variability in Vision and Photopsias in Retimitis Pigmentosa are related to Disease Severity and Psychosocial Factors.
- Smima Maria Boca, *Biostatistics*. Interpretable Set Analysis for High-Dunensional Data.

Yung-Ting Katherine Bonnenfant, *Popnlation*, *Family and Reproductive Healtb.* HIV Status, Fertility Intentions and Sexual Risk Reduction Intentions Among Couple Voluntary Counseling and Testing Participants in Ethiopia. Benjamin Sands Brooke, *Clinical Investigation.* Overcoming Knowledge Gaps in Translational Research for Aortic Aneurysm Disease Therapy.\*

Brandon J. Brown, *International Health*. Acceptability of HPV Vaccine and HPV Prevalence Among Female Sex Workers in Lima, Peru.

Natasha Ann Brown, *Healtb*, *Bebavior and Society*. A Qualitative Exploration of the Influence of Culture and Extended Family Networks on the Weight-Related Behaviors of Urban African American Children.

Marco Carone, *Biostatistics*. Statistical Analysis of Crosssectional Survival Data With Applications to the Study of Dementia.

Dana Marie Casciotti, Healtb, Bebavior and Society. Controversy and Cancer Prevention: Media Messages about the HPV Vaccine.

Pritika Chatterjee, Healtb, Bebavior and Society. "It's Not What You Know but Who You Know"— Understanding the Role of Social Capital in Injection Drug Use Risk Behaviors among Inner-city Injection Drug Users.

Kuan-Fu Chen, *Clinical Investigation*. Evaluation of a Potential Novel Biomarker and Derivation of Clinical Prediction Rules for Severe Influenza in Emergency Department Patients.\*\* Yong Chen, *Biostatistis*. Pseudo-Likelihood: Theory and Applications to Genetic Association Studies.\*\* Judy Choi, *Environmental Healtb Sciences*. Translocator Protein (18 Kilodaltons)/ Peripheral Benzodiazepine Receptor: Functional Role in Microglia and Pre-clinical Marker of Neurodegeneration in Sandhoff Disease.\* John Randall Clayton,

Molecular Microbiology and Immunology. Transduction of Virulence Factors by Alphaviruses in Vertebrate and Invertebrate Models of Infection.\*\*

Adrijana Corluka, *International Healtb.* Exploring Attitudes and Perceptions of Policymakers and Health Researchers Towards Evidence-Based Health Policymaking in Argentina: A Mixed Methods Approach.

Michal Engelman, *Population*, *Family and Reproductive Healtb*. Variation as a Theme: Mortality, Selection, and Frailty in the Context of Population Aging.\*\*

Raymond A. Enke, *Biochemistry* and Molecular Biology. The Role of Arabidopsis Dicers in Maintaining DNA Methylation.\*

Nadine Margaret Finigan, *Healtb, Bebavior and Society.* Interpersonal Aggression in Urban African American Early Adolescents: Application of the IBM. Hirut Teklemariam Gebrekristos, *Epidemiology.* Risk Alcohol Drinking and Sexual Behavior Among Homosexual and Bisexual Men in the United States.\* Michael Kevin Gibson. Clinical Investigation. The Role of the Epidermal Growth Factor Receptor in Esophageal Adenocarcinoma.\*\* Timra Dee Gilson, Biochemistry and Molecular Biology. Ligase IV/XRCC4 Complex: Binding, Dissociation, and Degradation by Adenoviral Proteins E4-34K and E1B55K.\*\* Jacqueline D. Goeres, Biochemistry and Molecular Biology. Analysis of the Molecular Mechanisms **Regulating SENP2** Targeting and Function at Nuclear Pore Complexes and Kinetochores.\*\* Amy Elizabeth Greer, Molecular Microbiology and Immunology. Cellular Targets of the Adenovirus E4 Oncoproteins.\* Alden L. Gross, Mental Health. Memory Strategy Use Among Older Adults: Predictors and Health Correlates in the Advanced Cognitive Training for Independent and Vital Elderly (ACTIVE) Study. Akosua Asantewa Gyekye-Kusi, Epidemiology. Obesity and Glycemic Measures Among HIV-Infected and Uninfected Injection Drug Users in Baltimore, Marvland. Sabina Annette Haberlen, Population, Family and Reproductive Health. Antiretroviral Therapy Availability and HIV-Related Stigma and Serostatus Disclosure in Rakai, Uganda. Shauna Marie Harrison, Health, Bebavior and Society. Health News Latinos Can Use: An Examination of Health Coverage in Spanish-Language Television News.

Haley Kate Hedlin, Biostatistics. Statistical Methods for Intersubject Analysis of Neuroscience Data. Ruben Hernaez-Rodriguez, Epidemiology. Hemochromatosis Gene and Nonalcoholic Fatty Liver Disease in the U.S. Population.\* Ashish C. Jachak, Environmental Health Sciences. Transport of **Engineered Nanoparticles** Across Human Mucus and Toxicity to Human Bronchial Epithelial Cells In Vitro.\* Roxanne Elaine Jensen, Health Policy and Management. Quality Measurement and Provider Assessment in Diabetes Care.\*\* Mohammad Imran Khan. International Health. Typhoid Fever: Epidemiology, Risk Factors, and the Effectiveness of Vi Capsular Polysaccharide Vaccine in Children in Karachi, Pakistan.\* Cari Meinhold Kitahara, Epidemiology. The Association of Obesity with Thyroid Cancer Risk and Markers of Thyroid Function. Jonathan N. Kromm, Health Policy and Management. Bringing Science to Policy: The Use of Research by Public Health Advocacy Organizations to Advance Policy Solutions.\*\* Vanessa Therese Kuhn, Health Policy and Management. The Impact and Role of Parents on Older Adolescents' Alcohol Use.\*\* Mariana Lazo-Elizondo, Epidemiology. Epidemiology of Nonalcoholic Fatty Liver Disease in the United States: Prevalence, Correlates and Mortality.

- Lydie A. Lebrun, *Health Policy* and Management. Access to Primary and Preventive Health Care Among Foreign-Born Adults in Canada and the United States.
- Julie Ann Leis, *Mental Healtb.* Perinatal Mental Health Problems: Maternal and Child Outcomes and Implications for Prevention.
- Tianjing Li, *Epidemiology.* Bridging the Gap between Evidence Generation and Clinical Decision Making.\*\*
- Qamar Mahmood, *Health Policy* and Management. Health and Democratic Participation: Theoretical Exploration and Comparative Analysis of India, South Africa, Brazil, and Venezuela.\*
- Deepti Malhotra, Environmental Health Sciences. NRF2-Regulated Environmental Stress Reponse: A Modifier of Chronic Obstructive Pulmonary Disease (COPD).\*\*
- Catherine H. Maulsby, *Healtb*, *Bebavior and Society*. Undiagnosed HIV Seropositivity and HIV Testing Among Men who have Sex with Men Only (MSMO) and Men who have Sex with Men and Women (MSMW) in Baltimore, MD.\*
- Jennifer Diane McCleary-Sills, *Healtb, Behavior and Society.* Intimate Partner Violence and Women's Reproductive Agency in Jordan. Laura Stonestreet McDonald, *Mental Healtb.* The Relationship Between Joblessness and Depression and Depressive Symptomatology Among a Working Age Adult Cohort in Post-Conflict Bosnia-Herzegovina (2001–2004).\*\*

Andy Menke, Epidemiology. The Relationship of Iron Metabolism with Type 2 Diabetes Mellitus and Cardiovascular Disease.\*\* Talibah Uganda Metcalf, Molecular Microbiology and Immunology. B-Cell Trafficking and Long-Term Maintenance in the CNS of Sindbis Virus Infected C57BL/6 MICE. Kamila Bajwa Mistry, Population, Family and Reproductive Health. Racial/ Ethnic Disparities in Children's Early Social Emotional Development.\* Christina S. Moylan, Health Policy and Management. State Policy Change and Health Coverage for Uninsured Low-Income Adults.\*\* David John Murphy, Clinical Investigation. Red Blood Cell Transfusion Practices in Critically Ill Adults: An Assessment of Knowledge Translation. Ananthram Murthy, International Health. Economics of Nosocomial MRSA Infection in Europe: Measuring the Direct Costs of Infection with an Economic Evaluation of Rapid Screening on Admission to Hospital Surgical Wards. Jessica Amelia Myers,

*Biostatistics*, Statistical Methods for Research in Healthcare Quality and Safety from Observational Data.\* Anand Kumar Narayan, *Epidemiology*. Risk Factors for and the Management of Venous Thromboembolism. Hazel Bogan Nichols, *Epidemiology*. Hormonal Effects of Bilateral Oophorectomy on Breast Cancer Risk and Mortality. Laura Christine Norris, *Molecular Microbiology and Immunology.* The Effects of Insecticide-treated Bed Net Introduction on Anopheline and Culicine Mosquito Behavior and Insecticide Resistance in Southern Zambia. Valerie Noemi Olmo, *Biochemistry and Molecular Biology.* Transport and Localization of the Fusion Promoting Protein Prm1

- During Yeast Mating.\*\* Adetayo Omowonuola Omoni, International Health. Growth and Nutritional Status of Untreated HIV-Infected 0-24 Month Old Children in Zimbabwe and Treated HIV-Infected 0-36 Month Old Children in Nigeria. Amanda C. Palmer, International Health. Early Life Nutritional Exposures and Long-Term Programming of the Immune System. Kiwon Park, Molecular Microbiology and Immnnology. Innate Inununity in Allergen-Induced Airway Inflammation: Role of Macrophage Migration Inhibitory Factor (MIF) and Cholesterol 25-Hydroxylase (CE12511) in
- Alveolar Macrophages. Any Eleanor Peterson, *Epidemiology*. Environmental and Occupational Risks for Exposure to Methicillin-Resistant Staphylococcus.
- Nanlesta Autumn Pilgrim, *Population, Family and Reproductive Healtb.* The Effects of Family Environment on Sexual Vulnerability Among Adolescent Girls, Ages 15-19, in Rakai, Uganda.
- Anna Zulema Pollack, Epidemiology. Metals, Reproductive Hormones, and Oxidative Stress in Women and Consideration of Correlated Biomarker Measurement Error. Krit Pongpirul, International Health. Hospital Coding Practice, Data Quality, and DRG-Based Reimbursement Under the Thai Universal Coverage Scheme. Nicholas Gulick Reich. Biostatistics. Statistical Methods for Incomplete Data from Infectious Disease Outbreaks.\* Virginia Huang Richman, Health Policy and Management. Primary Care for Vulnerable Populations in the U.S.\* Leah Scharf Rosenfeld. Environmental Health Sciences. The Influence of Phosphate on Metal Homeostasis and Toxicity.\* Summer E. Rosenstock, International Health. Sex Specific Patterns in Neonatal Morbidity and Mortality in Sarlahi, Nepal: Biology or Environment.\*\* Daniel E. Roth, International Health, Vitamin D Supplementation in Pregnant and Non-Pregnant Women in Dhaka, Bangladesh: Pharmacokinetic and Safety Studies. Abby Elise Rudolph, Epidennology. Fvaluation of **Respondent Driven Sampling** (RDS) to Recruit Illicit Drug Users in New York City (2006 - 2009).Brenda Salerno, Biochemistry
- and Moleenlar Biology. Coordinated Assembly of the Streptococcus pneumoniae Ssb V and SsbB Proteins on Single-Stranded DN V.\*\*

Jennifer Ann Schrack, Epidemiology. Aging and the Conservation of Energy. Manjunath Bangalore Shankar, International Health. Dynamics of Empowerment: Identity, Capabilities, Civic Spaces and Autonomy Respecting Assistance in Arunachal Pradesh.\* Patrick Gilbert Shaw, Biochemistry and Molecular Biology. Proteomic Profiling of Epigenetic Signaling and Malignant Progression in Breast Cancer. Michael Bennett Smeaton, Biochemistry and Molecular Biology. Distortion-Dependent Repair of Interstrand Cross-Links.\*\* Srinivas Keralapura Sridhara, Meutal Health. Continuity of Care for Schizophrenia Treatment in Maryland Medicaid.\*\* Elizabeth Nakawesi Ssemanda. Epidemiology. Azithromycin Mass Treatment for Trachoma: Risk Factors for Persistent Child Non-Participation and Change in Child Participation Among Tanzanian Households.\*\* Ronald James Stamper, Biochemistry and Molecular Biology. Regulation of the Biosynthesis of Glycosylphosphatidyl Inositol Anchors in Saccharomyces cerevisiae by the Small G-Protein RAS2. Carol Strong, Health, Behavior and Society. Effect of Adolescent Cigarette Smoking on Mental Health and Substance Use Outcomes in Adulthood. Bhoom Suktitipat, Epidemiology. Genetic Control of Selected Inflammatory Markers in Families with Early Onset Coronary Artery Disease.\*\*

Jamie Lynne Trevitt, *Population*, *Family and Reproductive Health*. Feinale Reproductive Health in Russia: Demographic and Behavioral Determinants of Pregnancy Outcomes, Contraceptive Usage, and Repeat Abortion.\*\*

- Manuela Renee Verastegui, International Health. Studies on the Mechanisms of Taenia solium Larval Stage Adherence to Host Tissue.\* Andrea Clare Villanti, Health, Bebavior and Society. Smoking Cessation Interventions for
- U.S. Adults and Young Adults: Evaluating Effects and Cost-Effectiveness.\*\* Meredith Alison Weaver, *Health, Bebavior and Society.* Making Decisions About Genetic Testing: Under-

standing the Process in Prenatal and Cancer Genetic Counseling Contexts.\*\*

- Abigail Elizabeth Witt, *Biochemistry aud Molecular Biology*. The Effects of Adhesion on Kaiso-Mediated Transcriptional Regulation of the MTA Family in Mammary Epithelial Cells.\*
- Hao Wu, *Biostatistics*. Three Statistical Applications in Genomics: Redefining CPG Islands, Peak Detection from Multiple Chip-Chips, and Data Normalization for Second Generation Sequencing.\*
- Tao Wu, Epidemiology.
  Candidate Genes and Non-Syndromic Cleft Lip with or without Cleft Palate Among Case-Parent Trios from Chinese Populations.
  Fengmin Zhao, Population, Family and Reproductive Health. Evaluation of UN Population Forecasts and Effect of Urbanization on Forecast Accuracy.\*

Hong Zhu, *Biostatistics*. Statistical Methods for Bivariate Survival Data with Interval Sampling and Application to Biomedical Studies.\*

# THE PAUL H. NITZE SCHOOL OF ADVANCED INTERNATIONAL STUDIES

# Doctor of Philosophy

Janie Yu-Chen Hsieh, China Studies. China's Role in U.N. Sanctions and the Implications for the International System.\*\* Cheng-Chwee Kuik, Southeast Asia Studies. Explaining Smaller States' Alignment Choices: A Comparative Study of Malaysia and Singapore's Hedging Behavior in the Face of a Rising China.\* Brian Norris, International Development. Culture, Religion and History in the Development of Modern Popular Credit Institutions in the U.S. and Bolivia, ca. 1800-2000.\* Ellen M. Psychas, Southeast Asia Studies. Building State Failure in Timor-Leste: Patterns of Political Competition and Constraints to Private Sector Development (1999-2006).\* Robert Shum, Western Hemisphere/Canadian Studies. Carbon's Footprint: The Politics of Producing Energy Emissions. Mariano Turzi, Western Hemisphere/Latin American Studies. The Political Economy of Soybean Production in Argentina, Brazil and Paraguay.\*

Michael George Vickers, International Relations/ Strategic Studies. The Structure of Military Revolutions.\*

Andrew T. Wolff, *European* Studies. Explaining NATO Expansion into Central and Eastern Europe, 1989–2004: An Analysis of Geopolitical Factors, Rationales and Rhetoric.\*

# THE SCHOOL OF MEDICINE

# **Doctors of Medicine**

Pooja Aggarwal Jane Laurel Andrews Jordan J. Ash N'Dama Miankanze Bamba Maralyssa Angelique Bann Leonid Bartik Shamik Bhattacharyya Aaron Justin Bobb Jennifer Xiaojin Cai Luis Carlos Cajas-Monson Ashley Anderson Campbell Emilia Louise Picard Campbell James Terrance Carson Deanna Rae Cettomai Ravi Anant Chandra Daniel S. Chang Rupsa Chaudhury Shelly Seungah Choo Kavan Terrence Clifford Allison Leigh Tsao Coulter Matthew Tyler Crim Taimur Dad Hormuzdiyar Henry Dasenbrock Peter James DeBartolo Kenneth William DeFontes III Edith Root McMillan Dietz Adrian Tae-Won Dokey Xiaobo Dong Swathi Eluri Lorenza Frisoni Maria Esteli Garcia Jodel Giraud Lee Andrew Goeddel Whitney Morgen Green Anthony Charles Gregory II

**James Freeland Griffin** Lisa Renee Halbsgut Edmund Doi-Hung Hong **Ryan Patrick Houk** Alan Richard Johnson Tara Lynn Johnson Vivek Kalia Anisha Khaitan Sara Adel Khalil Irene April Kim Michael Alexander Koldobskiy Michael Davin Kornberg Lara Cathleen Kovell Henry Robert Kramer Kopal Shama Kulkarni Jessica Li Daniel En-Hao Ling David Liu Christopher Matthew Long Sydney Boi Thoi Long Raoul James Manalac Diana Lauren Mandelker **Emily Ann Marcus** Teresa Rose Marie Mark Christopher Thomas Martin Chintan Hansrai Maru Simon C. Mathews Chad Edward McCarthy Vivek Arjun Mehta Asif Khan Mustafa Anand Kumar Narayan Julie Margaret Nogee Ju-un Julian Park Scott Lewis Parker Amar Bhargav Patel Lisa Harshad Patel Yuval Adrash Dinesh Patel Sujay Pathak Alexandra Rose Paul Matthew Eugene Peters Richard Arthur Pollock Haoming Qiu Sarah Roxana Ramsay Elizabeth Sara Rosenblatt Jeremy Adam Schneider Kumaran Senthil Adam Christopher Shaner Nathan William Skelley Jason Frank Solus Philip In Song Thing Rinda Soong Traci Jenelle Speed Arielle Alexandra Stewart

Sophia Anne Strike Daniel Quain Sun Christine Ngoc Bich Tran Cassandra Vanessa Villegas Bridget Marie Wild Maya Elena Wille Meraf Amde Wolle Alonzo Woodfield Ingrid Jingnan Wu Qingyang Yuan David Zaboli Nan Zhu

#### Doctors of Philosophy

Vasudev J. Bailey, Biomedical Engineering. Nanotechnology for Detection of DNA Methylation in Cancer.\*\* Bradley Powers Barnett, Pharmacology and Molecular Sciences. Novel Therapeutic Strategies for Weight Loss and Glucose Control.\*\* Nicholas Anh Be, Cellular and Molecular Medicine. Mycobacterial Genes Required for Establishment of Central Nervous System Tuberculosis. Hyo-Eun Bhang, Pharmacology and Molecular Sciences. Tumor-Specific Imaging Through Progression Elevated Gene-3 Promoter-Driven Gene Expression.\*\* Poonam Bheda, Biochemistry, Cellular and Molecular Biology Training Program-Biophysics and Biophysical Chemistry. Exploring the Substrates of Sir2 Enzymes. Matthew C.H. Boersma. Nenroscience. The NF-KB Transcription Factor **Regulates Structural** Plasticity of Dendritic Spines and Synapses. Sarah Kacie Brennan, Pathobiology. Targeting Malignant B Cell Self-Renewal and Differentiation.\*\*

Timothy Patrick Brennan, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Genetic Analyses of Residual Viremia and Provirus in HIV-1-Infected Patients Receiving Highly Active Antiretroviral Therapy Supports a Model of Release of Virus from a Latent Reservoir(s) with no Discernible Evolution.\*\* William Nathaniel Brennen, Pharmacology and Molecular Sciences. Targeting Carcinoma-Associated Fibroblasts (CAFS) with a Fibroblast Activation Protein (FAP)-Activated Prodrug Chemotherapy. John Stoddard Burg, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Phosphoregulation of HMG-COA Reductase in Fission Yeast. Suchismita Chandran, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Mammalian Gogli Structure in Ceramide Trafficking, Sphingomyelin Synthesis, and Cellular Stress. Michael Chen-Zun Chang, Biochemistry, Cellular and Molecular Biology Training Program-Neuroscience. Narp **Regulates** Excitatory Synaptic Strength on Parvalbumin-Expressing Interneurons. Yu-Chiuan Chang, Biological Chemistry. From Origin to Destination: A Genetic Screen Provides Insight intothe Journey from Follicle Stem Cells Through Border Cell Migration.

Christopher Michael Cherry, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Epigenetic and Hormonal Regulation of Stem Cell Maintenance in the Drosophila Testis Niche.\*\* Cheng-Hsuan Chiang, Neuroscience. Human Induced Pluripotent Stem Cells and Their Neuronal Derivatives as Models of Neurological and Psychiatric Diseases. Po-Min Chiang, Pathobiology. Physiological Roles of **Disease-Associated Proteins** in Neurodegenerative Diseases.

Eriko Greene Clements, *Cellular and Molecular Medicine*. Deciphering the Role of Chromatin and DNMT1 in Maintaining DNA Methylation and Tumor Suppressor Gene Silencing.

Kavan Terrence Clifford, Netroscience. Mechanism of Distal Axonal Degeneration in Paclitaxel-Induced Peripheral Neuropathy.

Juliene Kimberly Go Co, Biochemistry, Cellular and Molecular Biology Training Program–Molecular Biology and Genetics. Induction of Innate Immune Responses by SIV in *m vivo* and *in vitro*: Differential Expression and Function of RIG-I and MDA5.

Jennifer R. Cohen, Biochemistry, Cellular and Molecular Biology Training Program Cell Biology, Identification of a Golgi Targeting Signal in the Cytoplasmic Tail of the Severe Acute Respiratory Syndroine Coronavirus Envelope Protein. Timothy Kemp Cooper, *Cellnlar and Molecular Medicine*. Altered Cytokine Signaling in the Pathogenesis of Vascular Ehlers-Danlos Syndrome.

Adrian Creanga, *Biochemistry*, *Cellular and Molecular Biology Training Program–Molecular Biology and Genetics*. Scube2 Mediates Release of Soluble Dually Lipid-Modified Hedgehog Signaling Proteins. Ivy Ellen Dick, *Biomedical Engineering*. Mechanisms Underlying Calcium/ Calmodulin-Dependent Regulation of Voltage-Gated Calcium Channels.

Jason Benavidez Dinoso, *Pbarmacology and Molecular Sciences.* Understanding the Nature of Human Immunodeficiency Virus Type 1 (HIV-1) Persistence in Individuals on Suppressive Highly Active Antiretroviral Therapy.\*\*

Yi Dong, *Neuroscience*. Analysis and Parameter Estimation of Spiking Neuronal Systems.

Elizabeth Carol Huang Eyler, Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. RNA Processing Bodies (P-Bodies) and the miRNA-Mediated Regulation of Neuronal Translation.

Mingye Feng, Cellular and Molecular Physiology. Function and Regulation of Calcium and Manganese Homeostasis and Signaling by Secretory Pathway Calcium-Atpases.

Dallas Benjamin Flies, Molecular Biology and Genetics–Program in Immunology. Identification and Characterization of Regulator of T Lymphocyte Activation (RTLA), a Novel Co-Signaling Molecule.\*\*

Christina Theresa Fuentes. Neuroscience. Sensation and Action in Autism Spectrum Disorder.\*\* Joseph Paul Garay, Pathobiology. Understanding the Role of Androgen Receptor Signaling in Breast Cancer. Zachary Philip Gerhart-Hines, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Nutrient and Hormonal Control of the Protein Deacetylase SIRT1. Barry Gertz, Pathobiology. Subcellular Organelles in Neurodegeneration and Neurobiology. Siew Wee Alvina Goh, Biomedical Engineering. Estimation and Processing of Orientation Distribution Functions for High Angular Resolution Diffusion Images.\*\* Andrew Charles Goodwin, Cellular and Molecular Medicine. The Role of Spermine Oxidase in Inflammation-Associated Carcinogenesis.\*\* Lindsay Ann Bremer Henderson, Human Genetics and Molecular Biology. Genetic Modifiers of Cystic Fibrosis Pulmonary and Intestinal Phenotypes.\*\* Mark James Henderson, Cellular and Molecular Medicine. UCH-L1 and Cystic Fibrosis: A Novel Role for the Deubiquitinating Enzyme in

CFTR Biogenesis.\*\* Jason David Howard, *Pbarmacology and Molecular Sciences.* A Functional Evaluation of Notch3 in the Context of Melanoma-Endothelial Cell Communication and Tumor Progression.\*\*

Kenneth Joseph Hurt, Neuroscience. Regulation of Nitric Oxide Production Mediating Penile Erection.\*\* Benjamin Lawrence Jilek, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. A Rank Ordering of the Inhibitory Potential of Antiretroviral Drug Combinations. Michelle Lynn Jones, Cellular and Molecular Medicine. The Migration and Invasion of Prostate Fibroblasts: A Potential Contributor to Prostate Cancer Metastasis. Di Kang, Cellnlar and Molecular Physiology. Oligometric Status and Crystallization of OxIT. Ian Mahrer Kaplan, Cellular and Molecular Medicine. The Role of Tristetraprolin (TTP) in Hematopoiesis and Homeostasis.\*\* Timothy James Kelly, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Variations on a Theme: Transcriptional Regulation Mediated Through Post-Translational Modification and microRNA Function. Michael Alexander Koldobskiy, Pharmacology and Molecular Sciences. Regulation of P53-Mediated Apoptosis by Inositol Hexakisphosphate Kinase-2. Michael Davin Kornberg, Neuroscience. GAPDH Mediates Nitrosylation of Nuclear Proteins. Susan Dorothy Lamb, History of Medicine. Pathologist of the Mind: Adolf Meyer, Psychobiology and the Phipps Psychiatric Clinic at the Johns Hopkins Hospital, 1908-1917.\*\*

Jihyun Lee, Cellnlar and Molecular Medicine. Accelerated Atherosclerosis in Mice Lacking Stat3-beta, a Global Suppressor of Systemic Inflammation. Nayoung Angela Lee, Biomedical Engineering. Characterization of Brain Development in Children Using Diffusion Tensor Imaging.\*\* Meng Li, Pharmacology and Molecular Sciences, From Cancer Genetics to Noninvasive Molecular Diagnostics. Xiaojie Li, Cellular and Molecular Medicine. Phosphorylation of Parkinson's Disease Associated Leucine-Rich Repeat Kinase 2 (LRRK2) Protein.\*\* Shawn Hwei-In Lim, Biomedical Engineering. Biomaterials Strategies for Neural Regeneration: The Impact of Surface Topography and Biofunctional Cues.\*\* Jimmy Cheng Ho Lin, Cellular and Molecular Medicine. Genomic and Transcriptomic Characterization of Breast, Colorectal, Pancreatic, and Brain Cancers as Well as Anti-Tumor Agent, C. novyi-NT. Kelvin Jeng-Fang Liu, Biomedical Engineering. Single Molecule Analysis of Circulating Nucleic Acid Biomarkers for Noninvasive Cancer Diagnostics. Yaping Liu, Human Genetics and Molecular Biology. DPYSL2 and Schizophrenia: Identification of Sequence Variants in DPYSL2 and Analysis of Their Functional Significance.

<sup>\*\*</sup>Degree conferred December 30, 2010

#### DOCTORAL DEGREES

Prashant G. Mali, Biomedical Engineering. Engineering Human Cells for Cell and Gene Therapy. Diana Lauren Mandelker, Human Genetics and Molecular Biology. Structure and Function of Wild-Type and Mutant Phosphoinositide 3-Kinase Alpha. Ryota Matsuoka, Neuroscience. Transmembrane Semaphorin Control of Neural Circuit Assembly in the Mammalian Retina. Ryan Randall McCully, Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. CARDII Scaffolding Activity Governs NF-kappa B Activation in Immunity and Lymphoma.\*\* Moira Ann McMahon, Pharmacology and Molecular Sciences. Characterizing Unexpected Inhibitors of HIV-I Replication. Nathaniel David Miller, Neuroscience. Molecular Consequences of Aneuploidy.\*\* Sarah F. Mitchell, Program in Molecular Biophysics. Insights into the Molecular Mechanics of Messenger RNA Recruitment to the Eukaryotic Ribosome.\*\* Sachin Mohan, Cellular and Molecular Physiology. Role of Phosphoinositides in NHE3 Regulation.\*\* Kathryn Jean Moore, Cellular and Molecular Physiology. Nutritional Control of Reproduction: Disruption of the Reproductive Axis due to Diet-Induced Obesity and Integrating Signals in the Gonadotroph.

Kartikeva Murari, Biomedical Engineering. Optical Methods and Integrated Systems for Brain Imaging in Awake, Untethered Animals.\*\* Asif Khan Mustafa, Neuroscience, Novel Transmitters: D-serine and Hydrogen Sulfide-Regulation and Function.\*\* Rodrigo Fermin Ortiz-Meoz, Program in Molecular Biophysics. The Role of Helix 69 During tRNA Selection on the Ribosome.\*\* Stephen Hance Page, Human Genetics and Molecular Biology. A Single Nucleotide Polymorphism in the CCL2 Promoter: Contributions to Transcriptional Regulation and Disease Progression. Kyoungsook Park, Biological Chemistry. Study of O-GlcNAcylation and its Regulatory Enzymes in Prediabetic and Diabetic Human Erythrocytes: Search for Potential Biomarkers for Early Diagnosis of Prediabetes.\*\* Jared Parker, Program in Molecular Biophysics. Spontaneous DNA Dynamics Initiate the Repair of Uracil and 5-Fluorouraeil by Uraeil DNA Glycosylase.\*\* Tonya Ann Penkrot, Functional Anatomy and Evolution. Molar Morphometrics and Diet in North American Condylarths.\*\* Massimo Petrozzi, History of Medicine, Touching the Body of the Animal: Studying Animals in Early Modern Florence, 1650-1700.\*\* Tarran Jean Pierfelice, Cellular and Molecular Medicine. Notch Signaling in Neural Stem Cells and Site-Specific Glioma Formation,

and Molecular Sciences. Understanding the Nature of PTEN Auto-Inhibition by Its Carboxy-Terminal Tail. Ashley Rachel Rothenberg, Biomedical Engineering. Analysis of Cell-Cell and Cell-Matrix Interactions in Three Dimensional Biomaterial Coculture Systems. Netty Gondo Santoso, Cellular and Molecular Physiology. Regulation of Intracellular Calcium Signaling by Polycystin-1 Expression. Sherri-Gae O. Scott, Cellular and Molecular Medicine. Transcriptional Regulation of Cell Identity in Adult and Embryonic Pancreas. Meghan Joyce Seltzer, Cellular and Molecular Medicine. Targeting Gliomas with IDHI Mutations: Capitalizing on Unique Metabolic Characteristics. Kristin Lynette Sens, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. An Invasive Podosome-Like Structure Promotes Fusion Pore Initiation During Myoblast Fusion.\*\* Lin Shen, Pharmacology and Molecular Sciences. Pharmacodynamic Principles in the Action of Antiretroviral Agents.\*\* Xuting Rebecca Sheng, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Germline Stem Cell Establishment, Loss, and Regeneration in the Drosophila Testis. Gloria Shin, Human Genetics and Molecular Biology. A Conserved Response to

Diverse Small Molecules.

Implications for Therapy

Meghdad Rahdar, Pharmacology

Value-Based Decision-Making in the Supplementary Eve Field. Kevin Gilbert Soucy, Biomedical Engineering. Ionizing Radiation Induces Vascular Dysfunction Through Xanthine Oxidase Activation.\*\* Traci Jenelle Speed, Pharmacology and Molecular Sciences. Modulation of DNA Methyltransferase 1 Activity by Nitric Oxide. Corvse Naioka St. Hillaire, Neuroscience. Differential Activation of Rac1 Accounts for Unique Neurotrophin-TrkA Signals in Developing Sympathetic Neurons.\*\* Iossif Alexandrov Strehin, Biomedical Engineering. Synthesis, Characterization, and Application in Biomedicine of a Novel Chondroitin Sulfate Based Hydrogel and Bioadhesive. Jung Soo Suk, Biomedical Engineering. Overcoming the **Cystic Fibrosis Sputum** Barrier to Nanoparticle-**Based Gene Carriers**. Gregory Lee Szeto, Cellular and Molecular Medicine. The Immunomodulatory and Anti-HIV Effects of Minocycline in Human CD4+ T Cells. Abigail Lynn Davidson Tadeney, Cellular and Molecular Medicine, Bardet-Biedl Syndrome and Olfaction: Illuminating Cilia and Sensory Neuron Biology in a Model of Human Cihopathy. Ming Tang, Biochemistry, Cellular and Molecular Biology Training Program Cell Biology, V Network Involving TORC2/PKB and PL V2/ PBK Pathways Regulates Chemotaxis in Dictyostelium discondenm.

Na Young So, Neuroscience.

\*Degree conferred August 27, 2010 \*\*Degree conferred December 30, 2010 Xinchen Teng, Biochemistry, Cellular and Molecular Biology Training Program-Pharmacology and Molecular Sciences. Widespread Genetic Diversity in the Yeast Knockout Collection Reflects Gene-Specific Selection Pressures and Resembles Cancer Evolution.\*\* Nicolas Xavier Tritsch. Neuroscience. Origin and Properties of Spontaneous Activity in the Developing Auditory System.\*\* Hsing-Chen Tsai, Cellnlar and Molecular Medicine. **Epigenetic Gene Silencing** and Cancer Cell Subpopulations-Effects of Epigenetic Therapy. ChiaoChun Joanne Wang, Biomedical Engineering. Microfluidic Assays for Studying Cell Signaling from a Systems Biology Approach. Ying-Ying Wang, Biomedical Engineering. Muco-Inert Nanoparticle Probes and Drug Carriers. Olivia Alton Weisser, History of Medicine. Gender and Illness in Seventeenth-Century England.\*\* Brice Alexander Pitt Wilson, Pharmacology and Molecular Sciences. Exploitation of the Cancer Biomarker Alpha Methylacyl Coenzyme A Racemase for Cancer Imaging and Therapeutics. Philip Dane Witmer, Human Genetics and Molecular Biology. Role of the MIR-183 MicroRNA Cluster in Sensory Development and Disease. Min Wu, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. In Vitro Studies

Yen-Ching Wu, Neuroscience. Role of the Translin/Trax Complex in RNA Processing. Minnan Xu, Biomedical Engineering. Adaptive Control of Saccades via Internal Feedback.\*\* Annan Yang, Cellular and Molecular Physiology. Tumor Type Specific Effect of Down Syndrome and Ets2 Dosage in Tumorigenesis. Wan Hee Yoon, Biological Chemistry. The Novel Role of Microrna in Pattern Formation in the Drosophila Ovary. Huimin Yu, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. The Role of Frizzled Receptors 1, 2, and 7 in Mouse Development. Jing Yu, Biomedical Engineering. Magnetic Resonance Angiography of Coronary Arteries: Improved SNR Efficiency and Quantitative Analysis. Jonathan Wei-Che Yu, Pathobiology. Regulation of Pigmentation by the Alzheimer's Beta-Secretase BACE1 and Its Homologue **BACE2.\*\*** Stasya Nicole Zarling, Molecular Biology and Genetics-Program in Immunology. 4-1BB in the Modulation of Innate and Adaptive Immunity. Tong Tong Zhang, Molecular Biology and Genetics-Program in Immunology. LAH4: A Novel Cell-Penetrating Peptide for Application in Tumor Immunotherapy. Xiaosong Zhang, Pharmacology and Molecular Sciences. The Integrated Genomic Analyses of Human Cancers.\*\*

Michelle Kim Zinchenko, Biocbemistry, Cellular and Molecular Biology Training Program–Molecular Biology and Genetics. Argonaute Proteins and Their Role in RNAi and Translation Repression.

## THE G.W.C. WHITING SCHOOL OF ENGINEERING

## Doctors of Philosophy

Harsh Kumar Agarwal, Electrical and Computer Engineering. Methods for High Resolution Myocardial Motion and Strain Quantification and Robust Coronary MRA in a Relaxed Cardiac MRI Exam.\* Avinash Aghoram Ravichandran, Electrical and Computer Engineering. Categorizing Video Sequences of Non-Rigid Dynamical Objects.\*\* Luis Felipe Arrate Donoso, Applied Mathematics and Statistics. Evolution Equations on the Group of Diffeomorphisms with Applications in Computational Anatomy.\*\* Saumendra Kumar Bajpai, Chemical and Biomolecular Engineering. The Mechanics of Cell-Cell and Cell-Stroma Interactions During Cancer Progression in Human Cells. Colin Landis Barnhill, Electrical and Computer Engineering. Remote Listening and Passive Acoustic Detection in a 3-D Environment.\*\* Nov Bassik, Chemical and Biomolecular Engineering. Lithographically Patterned Microdevices for Biomedical Applications.\*\*

Yared Shifferaw Bayleyegn, *Civil Engineering*. Section Capacity of Cold-Formed Steel Members by the Direct Strength Method.\*\*

Kevin John Bisceglia, Geography and Environmental Engineering. Occurrence and Fate of Pharmaceuticals, Illicit Drugs, and Other Emerging Contaminants in Natural and Engineered Environments.\*\*

Adam James Cardinal-Stakenas, *Applied Mathematics and Statistics.* Choosing a Dissimilarity Representation for Classification.

Andrew Stephen Cassidy, *Electrical and Computer Engineering*. Three Topics in Single-Chip Parallel Computing: Theoretical Foundations, Speech Recognition, and the Silicon Cortex.\*\*

Lirong Chen, *Materials Science* and Engineering. Transmembrane Helix Dimerization in Lipid Bilayers and Mammalian Membranes.

Si Chen, *Electrical and Computer Engineering*. Development of Four-Dimension Image Reconstruction Methods for Positron Emission Computed Tomography with Respiratory Motion Compensation.

Gouthami Chintalapani, *Computer Science*. Statistical Atlases of Bone Anatomy and Applications.\*\*

Chia Hung Chu, *Chemical and Biomolecular Engineering.* Development and Characterization of a Novel Suspension Cell Line and Its Application for Cell-Based Influenza Virus Propagation.\*\*

of the Initiation of Human DNA Replication.\*\*

#### DOCTORAL DEGREES

Bal Mukund Dhar, Materials Science and Engineering. Field Driven Phenomena at Interfaces of Organic and Hybrid Electronic Devices. Markus Drever, Computer Science. A Non-Parametric Model for the Discovery of Inflectional Paradigms from Plain Text Using Graphical Models Over Strings. Shannon Lee Eichmann. Chemical and Biomolecular Engineering. Diffusing Colloidal Probe Measurements of Nanoparticle-Surface and Protein-Carbohydrate Interactions.\* Ahmed Amr El Harouni, Electrical and Computer Engineering. Enhancing Strain-Encoded (SENC) MRI for Breast and Cardiac Imaging. Charles Bernadou Elliott IV, Geography and Environmental Engineering. Factors Affecting Thioarsenate Speciation in Sulfidic Sediment Pore Water.\*\* Lin Fan, Geography and Environmental Engineering. Market, Technological and Regulatory Risks in Power Generation Expansion: Policy and Modeling Applications. Dawnielle Farrar, Materials Science and Engineering. Poly( $\gamma$ -Benzyl  $\alpha$ , L Glutamic Acid) - Based Piezoelectric Films and Microfibers.\* Fopefolu Omolola Folowosele, Electrical and Computer Engineering. Neuromorphic Object Detection and Recognition.\*\*

Moniraj Ghosh, *Chemical and Biomolecular Engineering*. Microparticle Assembly and Contact Line Dynamics.\* Andrew Mitchell Graham, Geography and Environmental Engineering. Chromium Fate and Speciation in Anoxic Estuarine Sediments: The Role of Reduced Iron-Sulfur Minerals.\*\*

David Isaac Grow, *Mechanical Engineering*. Robotic Assistance for Rehabilitation of Coordination Deficits.

Netta Gurari, *Mechanical Engineering*. Characterization of Human Perception Using Haptic Systems and Implications for Upper-Limb Prosthetics.\*\*

Christopher Michael Hale, *Chemical and Biomolecular Engineering*. Characterizing Cytoskeleton-Mediated Biophysical Defects in Laminopathic Disease Models.

Jeremy James Hargreaves, Geography and Environmental Engineering. Novel Optimization Modeling Applications for Environmental and Economic Decision Support in Land and Energy Management.\*

Whitney Allen Hastings, Mechanical Engineering. Statistical and Dynamical Analysis of RNA Structures and Complexes with Applications to Nanodevice Design.\*\*

Xuan Jiang, Materials Science and Engineering. Polymer/ DNA Micelles for Liver-Targeted Gene Delivery.\*\*

Georgios Kaloutsakis, Mechanical Engineering. Hierarchical Self-Replication.\*

Kwan Hyi Lee, Materials Science and Engineering. Preparation of Functionalized Quantum Dots and Their Use in Quantitative Analysis of Cancer Biomarkers.\*\*

Chieh-Jan Mike Liang, Computer Science. Interference Characterization and Mitigation in Large-Scale Wireless Sensor Networks. Xuan Liu, Electrical and Computer Engineering. Functional Fourier-Domain **Optical** Coherence Tomography for Guiding Vitreoretinal Surgery. Arghavan Louhghalam, Civil Engineering. Fundamental Solid Mechanics Studies on Plate and Shell Structures with Applications to Vibration Analysis of High-Speed Trains.\* Zhiliang Ma, Applied Mathematics and Statistics. Disparate Information Fusion in the Dissimilarity Framework.\*\* Michael David Martin. Geography and Environmental Engineering. The Evolutionary Mechanisms of Ambrosia artemisiifolia Invasion. Mohammad Matinfar, Computer Science, Precision Irradiation and Delivery of Complex Dose Volumes for Small Animal Research. Jessica Phyllis Meulbroek, Mechanical Engineering. The Failure and Fragmentation of Ductile Materials. Gloria Karin Olivier, Chemical and Biomolecular Engineering. Using Ion-Pair Interactions to Control Molecular and Colloidal Assembly.\* Müge Pirtini Çetingül, Mechanical Engineering, Using High Resolution Infrared Imaging to Detect Melanoma and Dysplastic Nevi.\* Hassan Rivaz, Computer Science. Motion Estimation in

Ultrasound Imaging.

Gregory Paul Rodebaugh, Mechanical Engineering. Large-Eddy Simulation of Variable Density Jets: Investigation of Numerical, Resolution, and Subgrid-Scale Model Effects on Predictive Quality. Mina Samir Philip Seif, Civil Engineering. Cross-Sectional Stability of Structural Steel.\*\* Zhi Shi, Geography and Environmental Engineering. **Redox Surface Reactions** Occurring at PbO<sub>2</sub> (Plattnerite), MnO<sub>2</sub> (Pyrolusite), and Hydrous Manganese Oxide Particle-Water Interface Relevant to Water Supply Systems and Biochemical Systems.\* Dheeraj Prasad Singaraju, Electrical and Computer Engineering. Towards Joint Bottom-Up and Top-Down Segmentation of Objects in Images.\*\* Aroop Sircar, Chemical and Biomolecular Engineering. Computational Antibody Structure Prediction and Antibody-Antigen Docking.\* John David Sivey, Geography and Environmental Engineering. Abiotic Redox Reactions of Chloroacetamide Herbicides, Safeners, and Structural Analogs. David Arthur Smith, Computer Science, Efficient Inference for Trees and Alignments: Modeling Monolingual and Bilingual Syntax with Hard and Soft Constraints and Latent Variables.\*\* Na Song, Electrical and Computer Engmeering. Development and Validation of Quantitative Imaging Methods for Patient-Specific

Targeted Radionuclide

Therapy Dosimetry.

#### DOCTORAL DEGREES

Xiaolan Wang, *Electrical and Computer Engineering.* Investigation of the Utility of Energy Resolved Photon-Counting X-Ray Detectors for Small Animal Computed Tomography.

Sarah Elizabeth Webster, Mechanical Engineering. Decentralized Single-Beacon Acoustic Navigation: Combined Communication and Navigation for Underwater Vehicles.\*

Tomonori Yamamoto, *Mechanical Engineering.* Applying Tissue Models in Teleoperated Robot-Assisted Surgery.

Di Yang, *Civil Engineering.* Numerical Study of Turbulence over Various Waving Boundaries.\*\*

Ting Yang, Applied Mathematics and Statistics. The Effect of Model Misspecification on Semi-Supervised Classification.

Hongxuan Zhang, *Electrical and Computer Engineering.* Probabilistic Sensitivity Analysis of Biochemical Reaction Systems.\*\*

# THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

# Doctors of Philosophy

Rameez Abbas, *Political Science*. Citizen or Stranger? The Politics of Internal Migration of Mumbai and Kolkata. Joseph Michael Adelman, *History*. The Business of Politics: Printers and the Emergence of Political Communications Networks, 1763–1776.\*\*

Sarah Mulhall Adelman, History. Treated as a Child Should Be?: New York City Orphan Asylums and Nineteenth-Century Conceptions of Childhood.\* Courtney Mei-ling Akitake, Biology. Developing GAL4/ UAS Transgenic Tools to Probe Zebrafish Neural Function. Ethan Alden-Danforth, Chemistry. Studies in Synthetic Methodology: Enantioselective, Bifunctional Reactions with Ketene Enolates and Diastereoselective Olefin Functionalizations Utilizing Hypervalent Iodine Species.\* Andrea Gavle Allgood, Biophysics. A Structural and Thermodynamic Description of the Interaction between Deltex and the Notch Ankyrin Domain.\* Cara Marie Altimus, Biology. Determination of Retinal Circuitry Responsible for Light Modulation of Physiological and Cognitive Behaviors in Mice.\*\* Raquel Anido, German and Romance Languages and Literatures. Living the Past Through Popular Music in Contemporary Spain: Writings and Images of the Musical Text.\*\* Shane Adam Ardo, Chemistry. Transfer of Charge, Ions, and Energy at Sensitized TiO2.\*\* Bilgin Avata, Political Science. The Politics of Displacement: A Transnational Analysis of Kurdish Forced Migration in Turkey and in Europe. John Locke Meyers Baber, Mathematics. Scaled Correlations of Critical Points of Random Sections

on Riemann Surfaces.\*

Hossein Badamchi, Near Eastern Studies. Theft and Related Offences in Early Mesopotamian Law.\* Abigail Megan Baim-Lance, Anthropology. In-Forming Care: A Study of HIV/AIDS Care-giving Interventions in KwaZulu-Natal, South Africa.\* Shlomit Barnea, Political Science. In Through the Out Door, **Political Comebacks:** Leaders' Road Back to Office. Michael Daniel Boda, Political Science. A New Generation in Election Observation: International Law as a Standard for Electoral Practice. Mindelvn Rachel Buford II. Sociology. Outside of the Gateway, Just off the Beltway: Nigerian and Ghanaian Immigrants in the United States.\* Ivelisse Marie Cabrera, Physics and Astronomy. Neutron Scattering Studies of Multiferroics.\*\* Gülru Cakmak, Humanities, Jean-Léon Gérôme: The Innovative Years (1851-59).\*\* Steven Dean Calahan, Biology. The Genetics of Desiccation Tolerance in Saccbromyces cerevisiae. Lynn Redding Carlson, Physics and Astronomy. A Panchromatic View of Star-Forming Regions in the Magellanic Clouds: Characterizing Physical and Evolutionary Parameters of Young Stellar Objects.\*\* Ralf J. Carrillo, Biology. Stability and DNA Binding Ability of the bZIP Dimers Formed by the ATF-2 and c-Jun Transcription Factors.\*

Shengfeng Cheng, Physics and Astronomy. Contact and Capillary Forces at the Nanometer Scale.\*\* Ka Yan Cheong, Biology. The Structural Role of Dynamitin in Dynactin.\*\* Yu-Chin Chiu, Psychological and Brain Sciences. Moment-by-Moment Tracking of Attentional Fluctuation in the Human Brain.\*\* Megan Marie Cleland, Biology. The Dynamic Regulation of Mitochondrial Morphology and Mitofusin Function by Bax. Jaclyn Marie Cohen, German and Romance Languages and Literatures. Writing the Emotions: A Study of Shame and Guilt in Female-Authored Texts of Spain's Golden Age. Elisha Jane Cohn, English. Affective Form: Suspended Agency in Victorian Literature.\*\* Bryan M. Conn, English. Savage Paradox: Race, Affects, and Ambiguity in Modern American Fiction.\* Jennifer Lynn Culbertson, Cognitive Science. Learning Biases, Regularization, and the Emergence of Typological Universals in Syntax.\*\* Joseph William Cutrone, Mathematics. Symmetric Sarkisov Links of Fano Threefolds. Ana Karina Diaz, Philosophy. The Limits of Reductive Physicalism.\*\* Victor Joseph Difate, Philosophy. Real Causes for Revision.\* Joseph James Dillon Jr., Chemistry. Nonadiabatic Interactions in Molecular Systems.

Caroline Michelle Domenghino, German and Romance Languages and Literatures. Knowing Without Knowledge: Abunug in Philosophy, Aesthetics, and Literature from the Enlightenment to Romanticism. Dina Mohamed El Gabry, Near Eastern Studies. Chairs, Stools, and Footstools in the New Kingdom: Production, Typology, and Social Analysis. Anthony Steven Evans, Chemistry. The Chemistry of Photochemically Generated Reactive Intermediates.\*\* Simon Jacob Fischer-Baum, Cognitive Science. Position Representation: General Principles or Domain-Specificity?. Samantha Diamond Gottlieb, Authropology. Manufactured Uncertainty: The HPV Vaccine and the Object Multiple.\*\* Emma Dora Gregory, Cognitive Science. Representing the Orientation of Objects: Evidence from Mirror-Image Confusion.\* Lirui Guan, Chemistry. Biochemical Effects of 5'-(2-Phosphoryl-1,4-Dioxobutane) (DOB), an Abasic Lesion Resulting from the Oxidation of DNA and Characterization of 5-Ethynyl-2'-deoxycytidine as a Mechanistic Probe.\*\* Hongyu Guo, Physics and Astronomy. Connecting Nanoscale Dynamics and Macroscopic Rheology in Viscoelastic and Glassy Complex Fluids.\*\* Abhishek Gupta, Economics. Evaluating DSGE Models for Monetary and Fiscal Policy Analysis.\*\*

Lauren Diane Heidbrink, Antbropology. Negotiating (il) Legality: Unaccompanied Migrant Youth at the Intersection of Family and the State.\* Lindsey Catherine Hess, Chemistry. Studies in Organic Synthesis.\* Lauren Elaine Woodard Hoffman, Chemistry. Rational Design and Synthesis of Novel Artemisinin Derivatives as Antimalarial and Antitoxoplasma Drugs.\* Sunxiang Huang, Physics and Astronomy. Studies of Fe Pnictides and Chalcogenides Superconductors. Lisa Frances levers, Philosophy. Mind, Nature, and Normativity in Hume.\* Kareem Kamal Ismail. Economics. The 'Dutch Disease': Theory and Evidence from Oil-Exporting Countries and Its Structural and Fiscal Implications.\*\* Aaron Cole Jacobs, Chemistry. Strand Scission from a RNA Nucleobase Radical and Bypass and Repair of the C4'-Oxidized Abasic Lesion.\* David L. Jones Jr., Philosophy. Toward a Particularist

Autonomy. Edward James Kolla, *History*. Legality, Legitimacy, and the Will of the People: The French Revolution and the Transformation of International Law, 1789–92.\* Andrea Olsen Lam, *History of Art*. The Genesis and Transformation of the Visitation in Byzantine Art.\*\* Kwang-Sig Lee, *Sociology*. Higher Education, 1965 2005: Global Convergence?\*\*

Seong-Kook Lee, Physics and Astronomy. Constraining Physical Properties and Star-Formation Histories of Star-Forming Galaxies at High Redshift.\* Soo Hyung Lee, Physics and Astronomy, Effects of Geometric Confinement on Magnetic and Superconducting Systems. Desirae Lynne Leipply, Biophysics. Exploring the Thermodynamics of the Diversity of MG(2+) Interactions with Native, Partially Folded, and Unfolded RNA Structures.\* Christoph Lepper, Biology. Pax7 Positive Satellite Cells: Stem Cells for Skeletal Muscle Regeneration.\*\* Seamus Levine-Wilkinson, Biology. Host Cell Biology of Salmonella-Induced Tubules.\*\* Michael Adolfo Limarzi, Mathematics. On a Cohomological Study of Heisenberg Groups Over the Ring of Algebraic Integers. Jennifer Lin, Political Science. Active Eating: Spinozist Ontology and the Practice of Self-Discipline.\*\* Longzhi Lin, Mathematics. On the Existence of Closed Geodesics and Uniqueness of Weakly Harmonic Maps. Albert Lloret, German and Romance Languages and Literatures. Printing Ausiàs March: Material Culture and Renaissance Poetics.\* Laura Ann Locker, Political Science, A General Theory of Social Capital.\*\* Mónica López-González, Cognitive Science. Ser and Estar: Their Syntax, Semantics, Pragmatics, and Acquisition in Mexican Spamsh.\*\*

Ning Ma, Economics. Three Essays on Labor Economics.\*\* Po-Lun Ma, Earth and Planetary Sciences. The Radiative Effect of Mineral Dust on the Development of African Easterly Waves.\* Cecilia M. Maier-Kapoor, German and Romance Languages and Literatures. Marsilio Ficino's Medico-Philosophical Language of Love: Its Genesis and Its **Reception Amongst** Sixteenth-Century Italian Love Treatises. Uri Manor, Biology. Dynamic Regulation of Stereocilia Length by Unconventional Myosins and Their Actin-Regulatory Cargo. Nicholas Alan Marshburn, Mathematics, Smooth Weak Fano Threefolds. Sidharthan Maunaguru, Anthropology. Brokering Transnational Marriages: Displacements, Circulations, Futures. Amanda Jean McGown, Chemistry, Triazatetrabenzcorroles and 1ron Corrolazine: Synthesis, Characterization and Reactivity.\*\* David McNeill, Biology. Development of Intrinsically Photosensitive Retinal Ganglion Cells: Axonal Targeting, Pupillary Light Responses, and the Role of Programmed Cell Death m Establishing Cell Spacing. Paula Mellado, Physics and . Istronomy, Kagoine Spin Ice.\*\* Martin Mendoza III, Biology. Characterizing the Fzrin-Chloride Intracellular Channel 4 Interaction. Ethan Zane Miller, History. The Cultural Logics of the **Fiberal Self in Farly** Iwentieth-Century U.S. Anthropology.\*\*

\*Degree conterred August 27, 2010 \*\*Degree conterred December 30, 2010 Gael Montgomery, German and Romance Languages and Literatures. Sexual Violence in Orlando furioso. Kristos Adrian Moshos,

*Chemistry.* The Role of Coenzyme A in Thienamycin Production.

Mariam Mufti, *Political Science*. Elite Recruitment and Regime Dynamics in Pakistan.

Thando Ndarana, *Earth and Planetary Sciences*. Rossby Wave Breaking in the Southern Hemisphere.\*\*

Hayley Kleitz Nelson, *Psychological and Brain Sciences.* Comparative Approaches to the Study of Dopamine and Male Sexual Motivation: What Can Japanese Quail Teach Us.\*

Lori Ann Orosco, *Biology*. Transcriptional Regulation of the Myelin Basic Protein Gene in Zebrafish.\*

Thomas J Owens, *Biology*. Assembly and Function of the *Saccharomyces cerevisiae* CTF19 Kinetochore Subcomplex.\*\*

Matthew Carl Paoni, *History*. Dixie's Arms Are Open: The Promotion of Settlement in the Postbellum-Era South, 1870–1920.\*\*

John Charles Ross Parsons, Anthropology. Some Day This Will All Be Over: Growing up with HIV in Eastern Urban Zimbabwe.\*

Lauren Lea Perskie, *Biophysics*. Toward a Physically-based Protein Fragment Library.\*\*

Lora Kaye Picton, *Biology*. The Dynamic N-terminal Arm of Fis1 Regulates Mitochondrial Fission.\*

Alice Monique Carole Pigott, German and Romance Languages and Literatures. Echoing Temporalities: French Travelers in United States, 20th Century.\* Luke Philip Plotica, *Political Science*. The Political as a Language-Game: Language, the Individual, and Politics after Wittgenstein and Oakeshott.\*\*

Jeremy Webb Pope, *Near Eastern Studies*. The Double Kingdom under Taharqo: Studies in the History of Kush and Egypt c. 690-664 BC.\*

Jeffrey Daniel Pugh, *Political Science*. Overcoming the Invisibility Bargain: Institutional Adaptation for Host-Migrant Peacebuilding and Human Security.\*\*

Keith Richard Rehermann, *Physics and Astronomy*. Topics in Darkmatter and Collider Physics.\*\*

Timothy Allen Reichard, *Physics* and Astronomy. The Lopsidedness of Present-Day Galaxies.\*\*

Marc Jacob Remer, *Economics*. Essays on Asymmetric Pricing and NBA Refereeing.\*\*

Jean-Christophe Reymond, German and Romance Languages and Literatures. From Grasping the Text to Understanding the Self: Reading, Talking, and Selffashioning in Montaigne's "Essais."

Isaias Rojas-Perez, *Anthropology*. Fragments of Soul, Law, Transitional Justice and Mourning in Post-war Peru.\*\*

Gregory Randal Ruchti, *Physics* and Astronomy. Origins of the Thick Disk of the Milky Way Galaxy as Traced by the Elemental Abundances of Metal-Poor Stars.\*\*

Nils Frederick Schott, *Humanities*. Catechism and Enlightenment: The Conversion of Knowledge from Paul to Bahrdt.\*

David Mark Schrag, Anthropology. The Object of Bikhmg: Post-Unification Remainder and the Reforming of German Education.\* Jonathan Thomas Sczepanski, Chemistry. The Reactivity of Abasic DNA Lesions within Naked DNA and Nucleosome Core Particles.\*\* Jennifer Elizabeth Smith Seedorff, Biophysics. An Examination of the Mechanisms of Allosteric Regulation in the Oligomeric Transcriptional Regulators TetR and AraC.\*\* Dmytro Shapovalov, Physics and Astronomy. Turbulent Dynamos Driven by Magnetic Helicity Flux.\*\* Catherine Jane Sheely, Biology. Melanopsin Expressing **Retinal Ganglion Cells** Develop Partially Independent of Math5. Lochlan Francis Shelfer, Classics. The Temple as Courtroom: The Confession Stelai of Imperial Lydia.\*\* Pamela Miriam Shuggi, German and Romance Languages and Literatures. "La negra espalda de lo no venido": Time, Timing, and Irony in the Novels of Javier Marías.\*\* Martin Shuster, Humanities. I Against I: Transcendental Commitments and Social Deformities in and after Kant.\* Aaron John Smith, Philosophy. Aristotle's Theory of Abstraction.\* Billy Allen Smith, Chemistry, The Effect of Surface Oxides on Multi-Walled Carbon Nanotube Aqueous Colloidal Properties.\* Toby Joshua Soper, Biology. The Role of an RNA Chaperone

Protein in Facilitating the

Activity of a Bacterial Regulatory RNA.\*

Nicholas William Spicher, History of Science and Technology. 'Speak to the Eyes as Well as the Understanding': The Pedagogy of Science in Early America, 1750-1830.\*\* Valentin G. Stanev, Physics and Astronomy. Multiband Superconductivity in Iron Pnictides and Chalcogenides.\*\* Aaron Benjamin Stephan, Biology. Odor-induced Depolarization of Olfactory Sensory Neurons Is Amplified by Anoctamin-2 and Terminated by NCKX4. Tyler John Stevenson, Psychological and Brain Sciences. The Social and Photoperiodic Regulation of Gonadotropin Releasing-Hormone-1. Benjamin Jacob Tamber-Rosenau, Psychological and Brain Sciences. Neural Mechanisms of Cognitive Control in Short-Term Memory.\*\* Kiichi Tokuoka, Economics. Essays on Household Wealth.\*\* Joyce Tsai, Humanities. Painting After Photography: László Moholy-Nagy and the Practice of Painting. Yug Varma, Chemistry. Structural and Biochemical Characterization of Components of the Fungal GPI Transamidase. Mabel Cuiling Wong, Political Science. Belonging in the Midst of Time: Temporalities of Community from Rousseau to Deleuze.\* Ashley Marion Wood, Biology. Insulator Proteins: Dynamic Regulators of Chromatinorganization and Gene Expression in Drosophila melanogaster.

\*Degree conferred August 27, 2010

<sup>\*\*</sup>Degree conferred December 30, 2010

Edward Alexander Wydysh, Chemistry. Design, Synthesis and Testing of Glycerol 3-Phosphate Acyltransferase Inhibitors as Potential Therapeutics for the Treatment of Obesity. Haomiao Yu, Economics. Rationalizability and the Theory of Large Games.\* Xin Yu, Mathematics. Strichartz Estimates and Strauss Conjecture on Various Settings. Xia Zhou, Economics. Essays on U.S. State-Level Financial Wealth Data and Consumption Data.\*\* Levi Zhu, Physics and Astronomy. Tuning Superconductivity by Ferromagnets with Out-of-

Plane Magnetization.\*

\*Degree conterred August 27, 2010 \*\*Degree conterred December 30, 2010

#### MASTER'S DEGREES AND CERTIFICATES

THE CAREY

**BUSINESS SCHOOL** Masters of Science Ghafran Abbas. Information Systems Marnie L. Abramson, Real Estate\*\* Charlene Adams, Information Systems William Preston Adams, Real Estate\*\* Mohit Aggarwal, Finance Angelique Alice Agutter, Marketing Nauman Ahmed, Information and Telecommunication Systems\*\* Robin M. Akinwale, Marketing Gidon Albert, Information Systems Javier J. Alday, Information and Telecommunication Systems Danielle B. Alexander, Marketing\* Baraa Abdulmomen Algain, Marketing\*\* Terence Scott Allen, Information and Telecommunication Systems Alaa Abdullah Almusbahi, Marketing Manal Amin, Finance Nafeez A. Amin, Finance Yugun An, Finance\*\* Chriss George Anagnostou, Information and Telecommunication Systems Maksim Anfilofyev, Finance\*\* Claudia Maria Armstrong, Organizational Development and Strategic Human Resources Terry Armstrong, Information and Telecommunication Systems Curtis Brandon Arnold, Information and Telecommunication Systems Nigel N. Assam, Marketing Walid Hanafy Azzam, Real Estate\* Faiza Baluch, Information and Telecommunication Systems Prajani Bastakoti, Marketing Heather Lynn Bauer, Finance

David Robert Beabout, Information and Telecommunication Systems Philip Charles Benvenuto, Real Estate\*\* Candace Renae Berschauer, Marketing\*\* Jay R. Bhalodia, Information and Telecommunication Systems\* Raad Rivad Binhimd, Marketing\*\* Joanna Bizub, Marketing Emilie Andrea Bonano, Marketing Portia Levita Borden, Marketing John N. Bornholdt, Real Estate\*\* Clarice Vanessa Braddy, Information and Telecommunication Systems\*\* Stefan R. Bradham, Marketing\* John David Brady, Real Estate\*\* Justin N. Brindger, Real Estate Mark J. Brown, Information Systems Jonathan William Bullock, Real Estate\* Ryan D. Burrows, Real Estate Haleema M. Burton, Marketing\*\* Andrew Ramses Bushra, Finance Carl Michael Baldoza Cabañas, Information and Telecommunication Systems Christine E. Carey, Marketing\* Craven R. Casper, Real Estate Grant John Chalmers, Real Estate Chen-yu Chang, Finance Eunsik Chang, Finance Jui-yuan Chang, Marketing\* Wei-lun Chang, Finance Richard Lockwood Chauvin, Finance\*\* Hsu-Ching Chen, Finance\*\* Wei Chen, Finance\*\* Yao Chen, Finance\*\* Yiding Chen, Finance Yunlu Chen, Finance Chi-wen Cheng, Marketing

Wen-Ti Cheng, Marketing\*\*

Matthew Chin, Information Systems Peter Chiweshe, Real Estate Heng Teng Chooi, Finance Hsin-chih Chu, Finance\*\* Tzu-ving Chuang, Finance Erin E. Clemens, Information and Telecommunication Systems Dominique G. Cobb-Jenkins, Marketing Elaine Constable, Organizational Development and Strategic Human Resources Keyla Contreras-Cottin, Marketing Brian W. Coyle, Real Estate\*\* Zachary Ryan Crunkleton, Finance\*\* Adelaide Kelly Cullen, Real Estate\*\* Thomas McDonough Cullen, Marketing Teresa A. D'Anna, Finance Lee Gary Devantier, Information and Telecommunication Systems Mariam Diawara, Marketing\*\* Martin Vassilev Dimitrov, Marketing\*\* Sugandan Dinakaran, Information and Telecommunication Systems Ning Ding, Finance Arun Mikael Dotson, Real Estate Philip B. Down, Finance Gina R. Eddy, Information and Telecommunication Systems\*\* John A. Egge, Organizational Development and Strategic Human Resources Alexander W. Ehrlich, Finance James Matthew Elliott, Real Estate William Earl Epley, Information and Telecommunication Systems Melissa Katherine Epstein, Marketing\*\* Simon G. Etherington, Real Estate\*\*

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Wilson Wai Shun Har, Finance

Emmanuel P. Evangelista,

\*Degree conferred August 27, 2010 \*\*Degree conferred December 30, 2010

Ormsub Juinkumson Harrington, Marketing\*\* Larry Bradley Harvey, Real Estate Chirag A. Hathiramani, Real Estate James Lawrence Hendrickson. Finance\*\* Sebastian Eduardo Heredia, Information and Telecommunication Systems\*\* William J. Hester, Finance\*\* Giang T. Hoang, Marketing John T. Hockensmith, Real Estate Dongsoo Hong, Marketing\*\* Adam C. Housley, Finance\*\* Yuwei Hsiao, Finance\*\* Wen-hsuan Hsieh, Marketing\*\* Kai-yun Hsu, Finance Pin-chieh Hsu, Marketing\*\* Sheng-kai Hsu, Finance\*\* Haochi Huang, Marketing\*\* Juan Huang, Information and Telecommunication Systems\*\* Ying-ju Huang, Marketing\*\* Jeffrey M. Huber, Finance\*\* Patrick Darryl Hudson, Information and Telecommunication Systems\*\* Jerome William Huggup, Organizational Development and Strategic Human Resources\* Hamza A. Ibrahim, Real Estate\*\* Nabil Idris, Marketing Veneeth Iyengar, Finance Aditi Jain, Finance\*\* Gerald Jeandron, Finance\*\* Che Guevara Jeanty, Marketing\* Matthew Johnson, Real Estate Shaun Eric Johnson, Information and Telecommunication Systems\*\* April Denise Jones, Marketing\*\* Crystal Gettemy Jones, Marketing\*\* Dale Kang, Finance\*\* Alireza Katebi, Information and Telecommunication Systems\*\* Visit Kawinwonggowit, Marketing Hillary Jennifer Kener, Marketing

Stephen S. Khovananth, Real Estate\*\* Bumsuk Kim, Finance Daniel H. Kim, Finance\*\* Jungjoong Kim, Finance Steven Andrew Klapper, Information and Telecommunication Systems Todd L. Kline, Marketing Lyal Mafaz Kurdi, Finance Matthew Wayne Lake, Information and Telecommunication Systems\* Edward T. Larkin, Information and Telecommunication Systems Robert Charles Lauta. Real Estate Brice Bernard Leconte, Real Estate\* Chi Hang Lee, Marketing\*\* Chi-ting Lee, Marketing Ming-huan Lee, Finance\*\* Ionathan Davis Leifer, Real Estate\*\* Pamela Lew, Finance Yi-fan Li, Marketing Peter Tellef Lillestolen, Finance Chu-Chuan Lin, Marketing\* Yu-shao Lin, Finance Chang Liu, Finance I-hsin Liu, Marketing\*\* Ning Liu, Finance Ning Liu, Finance Po-Wen Liu, Marketing John J. Lopez, Finance Lin Lu, Marketing Edwin John Lucio, Finance\* Benjamin Paul Lusch, Real Estate Susan H. Maggio, Information and Telecommunication Systems Lefah Lisa Mahadiow-Anderson, Finance Hamza Shahid Malik, Finance Tia Tonee Malloy, Marketing\*\* Olufemi Jacob Malomo, Finance Cristina Manalaysay, Finance Tennisha Virginia Mayfield, Information and Telecommunication Systems\*\* Scan P. Mays, Real Estate James Edward McCloskey III, Real Estate\*

Erin Marie McCoy, Information and Telecommunication Systems Jesse C. Mckinney, Information and Telecommunication Systems Paulina Vasylieva Medrano, Marketing Christopher Meister. Real Estate\*\* Michela Marie Merchant, Real Estate\*\* Britton Stackhouse Miller, Marketing\*\* Jessica F. Miller, Real Estate\*\* Robin L. Miller, Real Estate\*\* Céline Claire Millet, Marketing Daniel Bruce Minthorne, Finance Hitesh Mirchandani, Marketing\*\* Ellen Erli Mo, Finance Brenda Bell Moore, Information and Telecommunication Systems Samuel Gedney Moore, Real Estate\* Sahansha Mukherji, Finance Jonathan D. Mullen, Real Estate Richard Murphy, Real Estate\*\* Eric D. Murray, Real Estate Aaron Mushro, Marketing\* Donnell Princeton Nance Jr, Marketing Andre B. Nelson, Information and Telecommunication Systems\*\* Hirsch Lazar Neustein, Real Estate\*\* William L. Newcomb, Real Estate Quang Ngo, Real Estate\*\* Sanaz Noorbakhsh, Marketing\*\* David Omorogbe, Information and Telecommunication Systems\*\* Saam Parsa, Finance\*\* Vanessa Elaine Payne, Organizational Development and Strategic Human Resources\* Johnson Sundarraj Perianayagam, Finance Lesley M. Petway, Marketing Jessica W. Phillips, Real Estate Richard J. Pollack, Real Estate Jasmine C. Pollard, Marketing

Kevin C. Popp, Information and Telecommunication Systems\*\* Robert Brooks Pugh, Marketing\* Daniel McLennan Purrington, Real Estate\* Liang Qian, Finance Phuong T. Quach, Information and Telecommunication Systems Casey A. Quinn, Information and Telecommunication Systems\*\* Ernest Stephen Rafailides, Real Estate\* Claudia Ramos, Marketing Frank Rasulo, Finance\*\* Suzanne Elizabeth Reese, Marketing Brent H. Renner, Real Estate Wesley J. Riddle, Real Estate Tito David Rivas, Finance\*\* James L. Roche, Information and Telecommunication Systems James E. Roembke, Real Estate Adam M. Ross, Real Estate\*\* Jaroenchai Rotkanok, Real Estate\*\* John Jason Rutherford, Finance\*\* Cindy Tomilloso San Nicolas, Information and Telecommunication Systems\*\* Yu Sang, Finance Kanathorn Santitham, Marketing Sergio Sapaj, Marketing H. Jummai Sarki-Hurd, Real Estate Victoria Davis Schmidt, Marketing Jessica A. Schoen, Real Estate Zachary Schwartz, Real Estate\* Usmar Hassan Shaikh, Information Systems Ranjita Sharma, Finance Patricia Fllen Sheehan, Organizational Development and Strategic Human Resources\*\* Puchen Shen, Finance C. Allen Shinkle, Information and Telecommunication Systems\*\* Daryl James Shore, Real Estate

Nicole Marie Pollet, Marketing

Nicholas Paul Signor, Real Estate\*\* Pamela Brooke Hunter Simpson, Marketing\*\* Deidre Singleton, Information and Telecommunication Systems\*\* Hochi Sit, Finance\*\* Paul Skorochod, Finance Carrie Heather Smith. Marketing Shawn P. Smith, Real Estate Suet Lam Susana So, Finance\*\* Hye-Won Linda Song, Information and Telecommunication Systems Mark Logan Spiva, Finance\*\* Amy Getz Steever, Marketing\* Jessica H. Sterchi, Real Estate Alon Street, Real Estate Jingli Sun, Finance Wen-ting Sung, Marketing Gampear Suppakornkosai, Finance Yuchien Tang, Marketing I-chuan Tao, Finance\*\* LaTasha N. Taylor, Marketing\*\* Paul Patrick Tedga, Finance Daniel James Thomas, Information and Telecommunication Systems David C. Thomas, Real Estate Richard J. Thomas, Information Systems\*\* Howard Addison Traul III, Real Estate\*\* Mohammad Z. Uddin, Information and Telecommunication Systems Mfonobong Umana, Marketing David M. Unangst, Information and Telecommunication Systems\*\* Gregory W. Van Wie, Real Estate Mayangjing Wan, Marketing Minchih Wang, Finance Matthew Clay Warren, Real Estate Justin D. Watts, Information and Telecommunication Systems Lucy Clare Webster, Finance\*\*

Joseph H. Weiner, Information and Telecommunication Systems Katie Marie Weishaar. Marketing\* Fei Weng, Finance Jonathan D. Wetmiller, Finance Michael Tyler Williams, Marketing\* Paul E. Wilmot, Information and Telecommunication Systems Barrett Lindsay Winfrey, Finance\*\* Cheng-Mou Wu, Finance Chengzhe Wu, Finance Chia-ying Wu, Finance Anthony Wubbena, Finance Hui-yu Yang, Marketing Douglas G. Younger, Finance Hsuan-chih Yu, Marketing\* Ai-chen Yung, Marketing Shun Y. Zhang, Information and Telecommunication Systems\*\* Yanwan Zhang, Real Estate\*\* Tong Zhou, Marketing Xinwu Zhou, Finance Tianyue Zhu, Marketing

## Masters of Science in Information and Telecommunications Systems in Business

Marialina Ursula Bello\*\* Latarsha M. Bryant Jennifer Kate Campany\* Aarzoo Chand\*\* Mahmood A. Dualeh\*\* Ben S. Edson\*\* Emil Stefanov Ivanov\*\* Asad Khwaja Kofi Y. Lokko\*\* Andrea Bernstein Louth Nagi Mei\* Christopher M. Mercer Lee Coddington Mitchem Jennifer Leigh Moddle\* Rajesh Navak Cyril R. Obot\*\* Louis Dorsey Paxton

#### Masters of Business Administration

Owais A. Abdulghani Hassan M. Abou-Ghavda\*\* Warren Adams Elikem E. Addae-Nuku Suliat A. Ademola\*\* Oluwakemi O. Ajavi Olusanya Akomolede ShanNeece LaShay Alberts\* Stacy Nicole Aldinger\*\* Jennell M. Alexander\*\* Leigh Robert Allen II Deedra K. Allison Eric P. Almli Sami Alom Ruiz\*\* Bhavini V. Amin\*\* Brian D. Amuzu\*\* Andrew Austin Murtaza M. Bahrami\*\* Mirza Gufran Baig Michael D. Bailey Becca J. Baird Patrick Charles Ball Kevin P. Banks\*\* Kurt W. Baumgardner\*\* Adam Bekit Alsan J. Bellard\*\* Marialina Ursula Bello\*\* Jason Benkendorf Elicia Berman\*\* Edward S. Bessman Jessica Walker Best\*\* Joseph N. Beucher III\* Ravi Bhalla Mispa S. Bikoi Waleed Bississo Kenneth Benjamin Bowen Ir.\*\* Keith Wallace Brierley-Bowers\*\* Ionathan G. Brock Steven Scott Brooks Dwayne Kamal Brown Megan E. Brown Patricia A. Brown\*\* Latarsha M. Bryant Linh Tuan Bui\*\* Jerome Lloyd Buller Jennifer M. Burns Kathleen Ann Cain\*\* Brandon E. Calderwood Jennifer Kate Campany\* Tatiana Kalima Carett\*\* Rachel M. Caudill

Aarzoo Chand\*\* Jame Z. Chang Steve I. Chaplain Sajida S. Chaudry\*\* Kevin Andrew Chesterton\*\* Robert Tao-Ping Chow Tanya Yvonne Coble\*\* Joshua Shane Conner Glen T. Crasta Valerie A. Cseplo-Jeffrev\*\* Elizabeth A. Daly\*\* Katavon Daneshvar Paul Richard Daniele Jenny M. Dean Christopher DeMarco Ryan L. Dempsey\*\* Kelly W. Devlin Leo M. Dimond Elie Donath\*\* Melissa Druxman\*\* Raiiv Dua Mahmood A. Dualeh\*\* James William Dunn Jr.\*\* Melissa A. Dupree\*\* Satish Dwarkanath\*\* Sarah Schreck Dye\* Ben S. Edson\*\* Angelene Edwards Rafid A. H. Fadul Hisham Nabil Faour Brian T. Feelev\*\* Hong-Bing Fei Naomi Fikremariam Annette L. Fisher Michael J. Fleszar Christina Louise Fletcher Leslie M. Flynn Mark N. Flynn **Rajesh Francis\*** Christine Marie Frericks Michael Lewis Freundel Jason M. Fronczek\*\* Ramesh F. Gangaramani\*\* Thomas M. Gannon\*\* Colin S. Garner\*\* Karen Gugliana Garrido Mercedes Florencia Garrido\*\* Katherine M. Gavin\* Michelle Marie Germain Mandana Godard Gabriel Gorog\*\* Richard A. Goysovich Tewodros L. Habte\*\*

Tracy Allen Hall\*\* Jacqueline T. Harris Michelle M. Henley\*\* Jason E. Henry Stephanie D. Henson Kara S. Hobbs\* Christopher M. Hockley **Roderic Wayne Hodges** Amber M. Hoffman Ashley B. Holahan Vanessa Quynh-Nhu Holden Carolyn M. Holliday\*\* Dongsoo Hong\*\* Brian Wesley House\* Pin-chieh Hsu Leonard Allen Ignatowski\* Bernice Innocent\*\* Gilliane E. Isabelle Emil Stefanov Ivanov\*\* Parasuram Subramaniam Iver\*\* Payam Jaffari Moghadam Fard\* Che Jeanty\*\* Shawn Doby Johnnides\*\* Michelle D. Jolley Rehva D. Jones\*\* Janis N. Kalnins\* Sharat Keshireddi William E. Keyser\*\* Asif M. Khan\*\* Gurpreet S. Khurana Asad Khwaja Charles I. Kiin\*\* Min Kuk Kim\*\* Ivana Matulak Kitts Nithya Krishnan\*\* Jay Krishnappa Alexander Wolfgang Krug\* Irvin A. Lainez Collin M. Lawson Erica M. Lear Brian George Lee Yaminah Ain Leggett-Wells Karl A. Leighton\*\* Lisa M. Leonard Lai Yan Li\*\* Robert Clifford Linton II\*\* Kofi Y. Lokko\*\* Linnette A. Lopez\*\* Gretchen D. Losee Andrea Bernstein Louth Michael E. Lucero\*\* Afanwi Lum

Raghavendra Charan Parthasarathi Makam Tomohiko Makino\*\* Renuka Manivannan Madan Mapuskar Elizabeth Ann Marchetta Michael Bassam Marzoug\*\* Matthew Kyle Massey\*\* Tanya Z. McBride Edward Francis McDonough\*\* Trevor Daniel McKnight John McMurry Kristopher Cannon McQueen Dharmesh A. Mehta\*\* Nagi Mei\* Daniel Mekibib Sofia Abraham Mendoza Christopher M. Mercer Hitesh Mirchandani Kathryn Mitchell\*\* Lee Coddington Mitchem Jennifer Leigh Moddle\* Erute Najefe Mofoye\* Myung Lee Moon Woori Moon\*\* James H. Moore IV William George Morgan\*\* John M. Moser **Joel Evan Moss** Edward Joseph Mullen Sathyavathi Muninarayana Amrita Devi Naipaul\*\* Matthew Thomas Natonick\* Rajesh Navak Kristen M. Nelson\*\* Victoire E. Ngo Bikoi Hang L. Nguyen\*\* Ngon K. Nguyen\*\* Weniun Niu Chukwusomnazu Emmanuel Nwanze\*\* Cyril R. Obot\*\* Oluseyi Peter Okebukola\*\* Patricia R. Olson Giovanni U. Onwuchekwa Gayanga Padmaharsha Opatha Francisco Ortiz\* John Wilson Kedi Osire Daria J. Outlaw\*\* Kyong Pae Pak Edward A. Pahner\*\* Denish Jayanrilal Patel\*\* Sunil Bhaskar Patil\*\*

Louis Dorsey Paxton Christine Peacock Christopher Scott Pomento Mercy R. Prabhu Das\*\* Wayne Wesley Punnett\*\* Iryna Pustovoyt Keith M. Quill Adam Luis Ramos\* Sudit Ranade\*\* Mahendiranath Rangareddy Michael Xavier Repka\*\* Charles Andrew Rhett\* Molly Marie Ringstad Lauren B. Rivkin\* Leah Michelle Roberts Claudia L. Robinson\*\* David A. Ross\*\* Shannon M. Ross Britta Junet Runbeck\*\* Stephanie E. Sahlin Jackson\*\* Sanjay Kumar Sahoo\*\* Tahnoon Mohd Saif Santy N. Sajan\*\* Anim A. Sampong Mihir H. Sanghavi\*\* Joseph M. Sarage Leonardo J. Sawada Mark Dietrich Schaper\*\* Victoria D. Schmidt Oleg A. Schmidt-Kittler\*\* William K. Schoenfeld Richard David Schulick\* Matthew A. Schwieger Lisa E. Scoles\*\* David Michael Scovill\* Laura A. Seiler Aiman M. Shalabi\*\* Jonathan David Shap\*\* Gopesh K. Sharma\*\* Charles Stuart Sheain III\* Najam Hamid Sheikh\*\* Irina Sidelnikov\*\* Mallika Singh Norma Smalls Murali Krishna Somarouthu\*\* Timikia A. Stamps-Highsmith\*\* Michael J. Stapel\*\* Michael Ervin Steele\*\* Steven Willard Stroschein\* Mandy M. Sun\*\* Nuwan S. Suriyagoda Brad Steven Sutton Maria Gabriela Tercero

Malena Testino Matthew Robert Timothy\* Ryan Jeffrey Tintner\* Sonja Renee Todinann Mfonobong Umana Lynn Marie Van Norstrand Clara S. Vega Amit V. Vengurlekar\*\* Koththavasal R. Venkatachari Shaunda M. Villones\*\* Shilpashree Vinod Kumar\*\* Abhijit Shashikant Walvekar\*\* Catherine G. Warner Darryl P. Washington Nayantara Watsa\*\* Julie Margolis Weed\* Ryland Oliver Whitaker Jr. Linda Marie White Brian A. Whitesides Deborah Williams Ionathan B. Wilson Lindsey A. Wolfe Pui Mung Wong Angela V. J. Wood\*\* Shawn K. Wood\*\* Bennetta Lyneé Wright\* Thomas Kevin Wyatt\*\* Huajie Xu\*\* Chia-wen Kristy Yang\*\* Eric Jen-Hsiang Yang\*\* Roger Chin-Feng Yeung Fukare Yimtatu\*\* Helena Hyejung Yoo Derek A. Young\* Wen-I Yu\*\* Shengjun Zhang\*\* Limei Zhao

### Graduate Certificates

Abenaa Addei, Hopkins Leadership Development\* Olalekan Mudashiru Adeyemi, Business of Medicine\*\* Usman Ahmed, Business of Medicine\* Sarah Aichele, Competitive Intelligence Mohamed Abdelsalam Ah, Business of Medicine Michael E. Allen, Hopkins Leadership Development

Neil Samuel Alvanzo, Hopkins Leadership Development Blair A. Anessi, Telecommunication Systems\* Mohamed Atta. **Business of Medicine** Kristen Tyler Benjamin, Hopkins Leadership Development Lauren Claire Berkow, Business of Medicine\* Edward S. Bessman, **Business of Medicine** Jay R. Bhalodia, Information Security Management\*\* Sandeepan Bhatia, **Business of Medicine\*\*** Ralph Daniel Bledsoe, **Business of Medicine\*** William Rhoden Bond Ir., Business of Medicine\* Thomas J. Bozzo, Information Security Management James C. Brent, Information Security Management\*\* John M. Breth, Competitive Intelligence\*\* Steven Scott Brooks, **Business of Medicine** Dwayne Kamal Brown, Financial Management\* Mark J. Brown, Information Systems Troy D. Brown, Investments\*\* Lorena T. Bruner, Hopkins Leadership Development Abid Butt, Financial Management\*\* Kathleen Ann Cain, **Business of Medicine** Eunsik Chang, Investments James Chavis, **Business of Medicine\*\*** Yichun Chen, **Business of Medicine\*** Catherine Kershaw Craven, Business of Medicine\* Kenneth F. Crummitt, Information Security Management Linda Louise Dalev-Atila, Hopkins Leadership Development Teresa A. D'Anna, Investments

Kritis Dasgupta, **Business of Medicine** Nikki M. Davis, Hopkins Leadersbip Development Janett Luisa Depaz, Telecommunications Systems\*\* Aling Dong, Business of Medicine\* William J. Dornetto, Information Systems Mark Nicholas Dyce, Hopkins Leadership Development Elizabeth Becoskie Farrell, **Business of Medicine\*** Jie Feng, Financial Management\*\* Jie Feng, Investments\*\* Alex B. Fox, Competitive Intelligence\*\* Jeffrev I. Gaddy, Hopkins Leadership Development Anthony Gomez, Financial Management Cyrus Lydell Green, Hopkins Leadersbip Development Jameka Charice Green, Hopkins Leadership Development William G. Harrison, Financial Management\*\* Laurin Nicole Hodge, Competitive Intelligence\*\* Laurin Nicole Hodge, Hopkins Leadership Development Mara R. Holton, **Business of Medicine\*** Brian Wesley House, Financial Management\* Jeffrey Michael Huber, Investments Karen Ahnie Jenkins, Competitive Intelligence\*\* Stephanie Lynn Joseph, **Business of Medicine** Olusola Onatola Kalejaive, Hopkins Leadership Development Mily Joy Kannarkat, **Bnsiness of Medicine** Alireza Katebi, Competitive Intelligence\*\* Lisa Annette Lassiter, Hopkins Leadership Development Peter Tellef Lillestolen, Financial Management Jessica Preiss Lunken, **Business of Medicine** 

Abdul H. Manraj, Competitive Intelligence\*\* Alma R. Manzano, Hopkins Leadership Development\* Tennisha Virginia Mayfield, Information Security Management\*\* Marsden Hamilton McGuire, Business of Medicine\*\* Jaren Dean Mckeever, Financial Management\*\* William Ellis Northington, **Business of Medicine** Olugbenga O. Obasanjo, Business of Medicine Elizabeth Adeola Okutuga, Hopkins Leadership Development Jahn Natalie O'Neil, Leadersbip Management Life Sciences\* Edward A. Palmer, Business of Medicine\*\* Alison Baker Pinckney, Hopkins Leadership Development Kalpana Rao Prakasa, **Business of Medicine\*** Michael X. Repka, Business of Medicine\* Dominick Rashad Robinson, Hopkins Leadership Development MaryJo M. Robinson, Competitive Intelligence\*\* Kenneth Preston Rothfield, **Business of Medicine** Yasmine Rouai, Financial Management\*\* Elaine Rubino, Hopkins Leadership Development Todd Brandon Sauer, Investments\*\* Damien Terrell Savage, Hopkins Leadership Development Oleg Andreas Schmidt-Kittler, Leadership Management in the Life Sciences\*\* Caeresa J. Scott, Hopkins Leadersbip Development Patricia Ellen Sheehan, Risk Comminication in Organizations\*\* Andrew Brett Siegel, Financial Management Abel Simutami, Hopkins Leadership Development

Mai Ericka Skyles, Hopkins Leadership Development Yusef Ali Syed, Financial Management Darlene Bernardo Tad-Y. **Business of Medicine\*** Nii Teiko Tagoe, Financial Management\*\* Hassan Adjeafio Tetteh, **Business of Medicine** Sacha Vania Trinette Thompson, Hopkins Leadership Development Craig David Thorne, **Business of Medicine** Laurence S.S. Wildgoose, Hopkins Leadership Development

#### THE SCHOOL OF EDUCATION

## Certificates of Advanced Graduate Study

Mary Alice Bond, Special Education Jennifer Hamilton Dawson, Counseling Christina Theresa Labib, Counseling Audrey Cousart Trapp, Connseling Daniela A. Wolf, Counseling

### Post-Master's Certificates

America Mencos Caballero, Clinical Community Connseling Andrea Sue Darby, Clinical Community Comseling Leah Beth Drozdowicz, Clinical Community Connseling\*\* Laura Martha Duncan, Clinical Community Connseling\* Suhad S. Haddad, Clinical Community Connseling Karen Danelle Kaminski, Clinical Community Connseling\* Jacqueline Ann McClure, Clinical Community Connseling Marion Lenor Murphy-Price, Play Therapy\* Donise Latisha Price, Clinical Community Counseling

Maureen Maria Rough, Clinical Community Connseling\* James Joseph Rubin, Organizational Counseling Ann Elizabeth Stephan, Organizational Counseling\*\* Sharon B. Sterling, Play Therapy Camille S. Wilson, Clinical Community Counseling\*

#### Masters of Science

Samuel O. Abney, Education\* Robert Acevedo, Education\*\* Corinna L. Acie, Counseling Islamiyat O. Adebohun, Counseling Paul Theodore Ajamian, Education\*\* Jennifer Ijeoma Akujuo, Special Education Jackie L. Albaugh, Education Marc StephenAlexander, Management Ola Almotaher Alhazmi, Special Education Meshal F. Al-Sager, Comseling Michael Alexander Alt, Education Katharine Margit Andreassen, Special Education\*\* Frederick Apfel III, Management Deborah Robin Apple, Education\*\* Emily Ann Austin, Comseling Tricia Marie Auth, Special Education\* Kevin S. Ayd, Management Jessica L. Bailey, Counseling Ellsworth Eugene Bergan, Education Kate Bieryla, Education\*\* Natalie Litz Bissonnette, Education Lindsay R. Blanken, Counseling Virginia Terrill Bond-Andres, Education\*\* Beth Carisch Boots, Management Lauren Michelle Bordelon, Special Education Margaret Ann Bosse, Education Jason W. Boteler, Comseling

Julie April Brand, Special Education\* Tamara Michelle Braxton-Cheek, Counseling Ettice Nicole Brickus, Management Arthur I. Brown Jr., Management Cherilyn T. Brown, Education Kristen Range Brown, Education Scott B. Brown, Management Sunny Brown, Education\*\* Shayla Katina Bryan, Counseling Tanea M. Bryant, Counseling Kathleen A. Buhlman, Counseling Candyce Janiece Burke, Connseling Julious A. Byrd, Management Juan Carlos Cabrera Arbaiza, Management Francine M. Calabrese, Connseling Craig S. Caldwell, Management Kim Elizabeth Campbell, Management Kristin Marie Canevazzi, Counseling James Paul Cardarella, Management Dameon R. Carter, Management Jennifer Chan, Education\*\* Monica T. Cherry, Connseling David Horace Childs, Management Cristin Lorayn Chisolm, Education Angela Yeunhee Cho, Intelligence Analysis Katherine A. Christensen, Special Education\*\* Alison P. Clarke, Education Sue-Ellen Patricia Clarke, Connseling Sandra Lee Clipp, Counseling Erin Connors, Education Megan Cooper, Counseling Amy Beth Cornet, Counseling Benjamin Theophilus Crandall, Education Mariola K. Craver, Connseling Sheryl L. Cruz, Education Jeanine M. Cushing, Conuseling Karen Ann Damato, Management

Rebecca Crawford D'Amour, Special Education Christine Kanella Dance, Special Education Gerald W. D'Angelo, Management Timothy James Davis, Management Brad Robert DeSantos, Education Ashlev Wasson Diehl. Education\*\* Cindy C. Diggs, Counseling Amanda Victoria Dillehay, Connseling Jeanne Roberta Freas Dodd, Special Education Lori Michelle Dodson, Special Education Andrew Peter Dowdle, Intelligence Analysis Daniela Doyle, Counseling Francis W. Doyle Jr., Management Hugh G. Dunleavy, Management Ashley Chacon Dura, Special Education Cynthia Ann Dzubak, Education Jennifer Leigh Edwards, Counseling Corinne Ehrlich, Special Education Marybeth R. Eibl, Education lmani Lydia-Adele Elliott, Special Education Antonio P. Enriquez, Management Joel Ewen, Education\*\* Elvis G. Fabi, Management Pamela G. Faulcon, Special Education Edward Paul Faya, Education James Kenneth Fazzino, Education Imelda E. Feludu, Counseling Denise Marie Feudner, Management Eric S. Fishman, Comseling Katherine Lucas Fitzpatrick, Education\* Meredith Jane Flanagan, Counseling

William George Frantzen, Management Katherine Elizabeth Fraser, Special Education\* Donald E. Frick, Management Mary Kelley Gannon, Special Education Stephanie LoWanda Geddie, Education Divina Gracia Geronimo-Jacobs, Education Richard Eric Gibson, Management Patricia Mary Gilbert, Management Sarah Rebecca Gilden, Counseling Angela M. Glenn, Education\*\* Amy Beth Goldberg, Special Education Margarita Evelyn Gomez, Special Education Ashley N. Goolsby, Education Katherine R. Gordon, Special Education Hugh Patrick Goulding, Management Karen DeNita Graham, Counseling Garnell W. Green, Management Marlene D. Green, Management Thomas J. Gregory, Management Matthew B. Griffin, Intelligence Analysis Taeneress A. Griffin, Education Jessica Hayley Grubbs, Special Education\*\* Elizabeth A. Guevara, Connseling JaRonda D. Gumby, Special Education Julia Ann Gumminger, Education Lisa Anne Guppy, Intelligence Aualysis Rinder K. Gurava, Education\*\* June Stanyetta Hall, Management Victoria M. Hall, Special Education Nara Flan, Education Lindsay Meredith Hart, Falmation Rebecca Kelly Hanser, Education\*\*

Elizabeth Megan Hayward, Special Education\* Lauren Elizabeth Hecht, Comseling Stacy Michelle Hemsley, Comseling Joel W. Henderson, Management Patricia A. Henry, Organizational Connseling Lacey Leigh Hentz, Connseling Dely T. Herman, Education\* Leah M. Hernandez, Special Education Amanda Jane Hess, Special Education\* Christopher S. Heverly, Management Anna L. Hickman, Special Education Michael James Hill, Management Sarah M. Hipkins, Special Education Justin S. Hoben, Special Education Meredith Allison Holmes, Special Education David Il Chon Hong, Education Victor Robert Horn, Management Lauren Whitney Hovis, Connseling Ling-Ying Huang, Comseling\* Anne Gassaway Hubbard, Connseling Thann Ingraham, Special Education Paige Maria Isaacson, Education\*\* Aaron Jacob Jaffey, Education Christine O'Connell Jaffurs, Connseling Brianne Michelle Jamison, Connseling Shannon K. Jennings-Jones, Education Denise A. Johnson, Management Pamela Patrice Johnson, Special Education Samuel Johnson, Management Courtney E. Jones, Education\*\* Felicia M. Jones, Special Education

Stephanie Renee Jones, Special Education\*\* Crystal Marie Joseph, Counseling Britney Heivoon Jung, Education\* Melissa Ann Kane, Special Education Sean Richard Kapfhammer, Management Joanna Marie Kasda, Education Aneece H. Kellner, Special Education\*\* Vanessa Nicole Kellner, Organizational Connseling Beth S. Kelly, Management Erin M. Kelts, Special Education Loren Denise Kemp, Comseling Danielle E. Kick, Connseling Elizabeth Anderson Kiernan, Special Education Grace J. Kim, Intelligence Analysis Irene Nare Kim, Connseling Sang Hwa Kim, Education\*\* Sonya E. Kim, Education Sun J. Kim, Education\*\* Hubert J.M. King, Management Gary A. Klos, Intelligence Analysis Sarah Knighton-Wiser, Special Education Caitlin Madden Kolarsick, Education Maryana M. Kolinchak, Education James P. Krebs, Education Todd W. Kreisher, Management Jacqueline Alain Kruft, Education Brett William Kugler, Special Education\* Sofia E. Kusmirek, Special Education Elizabeth M. Kuttler, Comseling Jennifer M. Kwak, Education Karen Elizabeth Kyger, Special Education\* Christine A. LaBue, Education Krystina Lafontant, Special Education Kerri Lynn Lambert, Education Avi Landa, Connseling Nicole A. Larsen, Counseling Susan Lloyd Lattimore, Education

Trinita R. Lattimore, Connseling Kerri-Ann C. Wright Lawrence, Intelligence Analysis Michelle Deanne Lawthers, Education\* Paige Nicole Lee, Connseling April D. Lehman, Connseling Jesse Morgan Lehrer, Education\*\* Beverly A. Lemon, Management Karla J. Lepinsky, Comseling Lydia Senter Leser, Special Education Shante Lanice Lewis, Comseling Sheila N. Lewis, Special Education Alvin Tofoya Lide, Management Lara E. Little, Education Rebecca Jillian Lobel, Education Maria Lynn Lowry, Education\*\* Ryan Robert Magnuson, Special Education\* Tracy M. Mai, Education Amanda N. Malone, Special Education\*\* Richard Joseph Malt Jr., Education Meghan T. Markiewicz, Special Education Leslie Nicole Maron, Connseling Brian J. Martin, Management Lakria A. Martin, Education Lamont Martin, Management Katie N. Marts, Education Stephen P. McCurdy Mathias, Special Education\* Michelle Daphne Matteis, Education\*\* Kathryn Elizabeth Mayo, Education Brenda Ann McDaniels, Management Jennifer Maureen McDonald, Special Education Laura Kate McKenzie, Connseling Kristin Anne McMenamin, Management Theresa Ann McQuaid, Management Tyler E. McQuiston, Management Cory Van Dyk Medvitz, Education\*

Kari Nicole Mielke, Education\*\* Mikelle O. Miles Mooney, Connseling Meagen Anne Miller Simonsen, Comseling Kristen Irene Millios, Special Education\* Megan K. Mills, Connseling Devon Ann Milne, Counseling Casey M. Mitchell, Connseling Thaddeus Mitchell Modlin, Management Brittany Anne Moenius, Special Education\* Paulette Moore, Connseling David C. Morris, Management Shannon L. Mulira, Education\*\* Jaime Michelle Mulligan, Education\*\* Alexis Lavinia Nardella, Special Education\*\* Lauren Kristen Neimeyer, Education\* Julia Nelson, Connseling Linh T. Nguyen, Comseling Thomas Nivens III, Management Marie Michelle Nonord, Intelligence Analysis Kristan Elicia Norgrove, Education Cynthia L. Notobartolo, Management George David Ogilvie, Management Amy Nicole O'Leary, Special Education\* Alison Lee Otto, Education\* Karen G. Pahuana Certain, Intelligence Analysis Regina Alyse Paige, Education\* Edward E. Pallas, Management Faron Kyle Paramore, Management Daweo Park, Special Education\*\* Priscilla A. Pate, Management India Tamika Patrick, Special Education Martin D. Peltz, Special Education\*\* Renee V. Perez, Connseling

Robert Melendez, Management

\*Degree conferred August 27, 2010 \*\*Degree conferred December 30, 2010

Matthew K. Perkins, Management Jacob E. Perles, Special Education\*\* Rebecca G. Piermattei, Counseling Robert Pisano, Counseling Kenneth Roland Pleasant, Management Michael Christopher Poirier II, Education Christina A. Pollack, Education Carmen Price-Bullock, Education Natalie N. Proie Korom, Educatiou\*\* Teandra B. Pyles, Management DinBomani Akinyemi Quomijah, Education\*\* Michael Jordan Raddick, Education\*\* Barbara DeVries Randolph, Education\*\* Sarinya Rapeepun, Education Erika Ann Rayburn, Education Sarah J. Reifer, Counseling Janna Reachelle Reighard, Special Education Samantha E. Reinckens, Education\*\* Douglas Wayne Reitz, Management Amy Lynn Rhein, Education Melanie LeAnn Richards, Counseling Robin R. Ricks, Counseling Larry S. Rigsby, Management Alicia Michelle Ritgert, Counseling Subrena A. Rivers, Management Michael David Roll, Counseling Christopher D. Romer, Counseling Arych Rosen, Education Joseph R. Ross, Management Felica R. Rude, Management Susan Dietz Rude, Management Lisa Karen Rudolph, Special Education\* Kelsey W. Ruppel, Special Education\*\* James P. Russell, Management Lynette Michelle Russell, Education

Megan Elizabeth Ryan, Special Education Kelly Ryan Sabo, Education Lindsay Brooke Saltzman, Counseling Ambika P. Sathya, Education George L. Sax, Management Valerie Irene Schaffer, Education Elizabeth Ann Schindler. Education\*\* Daniel V. Schrot, Education Emily E. Schull, Special Education\*\* Hillary D. Schulman, Special Education Catherine Elizabeth Scott, Counseling Barbara J. Seidel, Special Education Katherine Meyerson Serrell, Special Education Rachel D. Sessions, Counseling John Mamdouh Shawki, Intelligence Analysis Hilary Beth Short, Education Hilary Siakor-Sirleaf, Management Madison Abbyss Simmermon, Counseling Ashley Marie Simon, Special Education\* Joshua M. Singer, Education Anesia LaTanya Smith, Intelligence Analysis Brian Scott Smith, Management Colleen Marie Smith, Counseling Jennifer Ann Smith, Special Education\*\* Leonard J. Smith, Counseling Mashonda R. Smith, Counseling Theresa M. Snell, Counseling Pamela Jayne Sorensen, Special Education Michelle Deborah Marti Sottong, Special Education LaCheyna Chaneille Sparrow, Special Education\*\* Samantha Faye Speier, Counseling\*\* Shannon Marie St. John, Special Education\* Jennifer Kate Stairs, Education

Martin Patrick Stakem. Counseling Deirdre Elise Stanton, Education\* Kelly Estave Stauffer, Special Education Cardene Cardia Sterling, Special Education\*\* Sarah M. Sanderson Stevens, Counseling Gregory Emanuel Stokes, Management Carissa M. Sualp, Education\*\* Anna Eszter Szilagyi-Weichbrod, Education Katrina Antoinette Tyree Tabb, Counseling Lisa Michelle Tarpley, Counseling\* Christopher P. Taylor, Management Lauren N. Taylor, Special Education Robin Denise Taylor-Chadwick, Counseling Cara E. Thomas, Management Cassandra Maria Thomas, Counseling Rolf A. Thorsen, Munagement Tracy Lynne Bubser Tibbs, Education\*\* Kathleen Mary Tozier, Management Kim Thien Tran, Education Candace Ann Trostel, Special Education\* Kelly Maria Trygstad, Special Education Amy Elizabeth Tyler, Education Maria E. Unger, Special Education Susan Elizabeth Urban, Counseling Jennifer Denise Vavreck, Counseling Debra Marie Velasquez, Counseling Shannon K. Vesik, Education Eduardo Arturo Villavicencio Vizcaino, Education\* Brooke A. Wagner, Education Audra R. Walsh, Education Donald Walters, Management Alexandra Trenholm Warren, Special Education\*

Stacey Melanese Watkins, Special Education Paul D. Wattay, Management Karen E. Weeks, Education Kathryn M. Whalen, Counseling Tejhra S. White, Education Alison L. Whyde, Counseling Christine V. Wicks, Special Education Lindsey Anne Wiczulis, Counseling Michael N. Widenhouse, Management Jeff David Wills, Management Teri Lynn Wilson, Counseling Elizabeth A. Witanowski, Counseling Richard Roy Wolcott, Counseling Carol E. Woodall, Special Education Peter A. Yaksick, Education Ji Soo Yang, Special Education\*\* Yun Lung Yang, Counseling Jennifer L. Yencho, Education\*\* Judy One Yee Zangrilli, Education Eric D. Zerrlaut, Counseling

#### Masters of Arts in Teaching

Tinu Sadatu Akinfolarin Kyle B. Ali LaToya Andrea Allen Tamara Laurinda Ambush Emily C. Ames-Ledbetter Ashley Rae Anselmi\*\* Lucy Marie Aranguren Nicholas Corman Artenstein Joseph Nii Arvee\*\* Emily Tracey Ascherl Caroline Lee Atwater Tanisha Wykia Ave-Joy M. Bacon Olive Mimsie Baker Chymaria Ball Anne Kristin Barnes Fricca Ja'mece Barnett\*\* Hagii A. Barrett John T. Barrett\*\* Matthew Robert Bariha Mariah M. Baxter Brittany Victoria Beaumont\* Jacqueline Joan Bello

\*Degree conferred August 27, 2010 \*\*Degree conferred December 30, 2010

Shanae Maria Bennett Amanda Nicole Bettinger Garima A. Bhatt Jennifer Bobenchik Molly Toren Bolek Caitlyn M. Brady Justin D. Brickley Taniatha M. Briggs Anianda Marie Briody Sara Elizabeth Brostrom Cedric O. Brown Sarah Elizabeth Brown\*\* Matthew Sidney Bruneel **Emily Speicher Burns** Andrew John Burton Marquett Davon Burton Charlene A. Butcher Allison Leigh Bystry Bevlynn Janelle Campbell Chelsea Britain Carr Mary Catherine Carr David Michael Carroll\* Hillary C. Casson Miguel Cervantes del Toro Jillian Nicole Chamblee Julie Weichien Chang Cynthia Lynn Consul Chavez\*\* Amanda Jean Cheatham Marcy Elaine Chen\*\* Shruti Chugh Desiree R. Clark Victoria L. Clay Jacqueline Constance Clifton\*\* Theresa Lynn Conner\* Frances W. Conrad Kyla D. Cook Cynite Jade Cooke Zachary Ross Cornell Andrew Coy Joseph Wendell Crespo III\*\* Jenna D. Criscuoli\*\* Japera Ain Croom Daniel Graham Cumming April Christina Curley Karen Marie DaGrava Todd William Dalrymple Laura Ann DelGiorno Sharon Rosanna Denney Brian James DesRoches Jenna M. DiCesare Nicole April Doctorick Tricia D. Douglas Christina V. Dovle

Davina C. Duni Laura Eileen Farrell\*\* Sarah Marie Fass Annaliese Frances Fauerbach Eric L. Fecht Susan Ritchie Firey\*\* Kaitlyn Anne Fleck Mohamed Lamin Fofanah Mary Patricia Forsyth Hilary C. Franke Erica Janelle Franklin\* Samuel Hansen Freel\* Bruce G. Friedrich Amanda Kalina Andrea Fruzynski Alex Furno Amy N. Gan Jessica Leigh Gartner Kyle M. Gatchalian Mark Andrew Getchis\* Matthew S. Ghaman Brittany Rose Gibson Caroline Carter Glass Michael Aaron Goldfarb Chad O. Goodroad Andrew David Gorby Libby Erin Graff Chanee P. Granger Kendra Michelle Gray Jennifer Susan Greger\*\* Michaela Kristen Grosso Julia C. Grubb Michael S. Grzelak Suzanne Elizabeth Guarino 1an J. Guertin Julie Ann Haber\*\* Jessica C. Haddaway Elizabeth Ann Harker Erica Marie Mee Hart Samantha J. Harvey Flora R. Hawkins Keara Hayes Eric Garde Haywood Jane P. Hendrickson\*\* Elizabeth M. Herzog Denis Colin Hill\* **Richard Nicolas Hill** Deborah Michelle Hines\* Katherine Michelle Hipsman Rhonda Charisse Hogan Rebecca R. Hubick Laura Viola Hui Amanda K. Hulme Patrick Michael Irish

Kirsten Naomi Jackson Bridget M. Jefferys Sejal P. Jhaveri Tantara L. Jolly Jennerfer Ann Jones\*\* Min Kyung Kang Stephanie Kelly Sue J. Kim Katarina Knox Joyce C. Koo Jessica Rose Krasnick Daniel Kuhn\*\* Rachel V. Lachance Patrice K. LaHair Jessica Jenvong Lai Melissa M. Lake Megan K. Langford Kate A. LaSorsa James Lyle Latimer\*\* Danielle Alyce Leder Aaron Lee Stephen Yale Lee\* Angela C. Lesperance Cristin A. Lettich David Paul Lewis Julia Avelleyra Lieberman Tenesia P. Lindsey Wei-Yun Liu Fernanda Gabriela Lombino De Tinel Jaren Michael Longmire Jackelyn Raquel López James Lucas Andrea Joy Machado Monique Elyse Marshall\*\* Lauren Michelle Masciantonio Hope Ivy Mason\* Ross Steven Matray Elizabeth Jane McCreary Mary Eveland McGinn Jaylen Lawon McGrew Molly Christine McMahon Tyler Mark Meinhart Catherine Galvin Melia Sabrina Kristeen Mendez Hadley Shea Mendoza Brandon E. Merrill Nicole Renee Miklewski Gina N. Miller\*\* Emily A. Moffett Lauren E. Molnar Lisa A. Morris David Evans Morrison\*\*

Ashley Means Moultrie Emily Elizabeth Munro Jennifer Ann Nathan Christina Ng Colleen Elizabeth Nuzzi\* Conor S. O'Brien Iulie Lee Oxenhandler Zachary Wright Palmer\*\* Michelle J. Park Erika Lvnn Parker Trevea Nicole Paschall Miltonia Kimberlyn Peal Andrew G. Pegan Mara Katherine Pellittieri Nicole M. Pettit Andrew Sy Pham Deon Elaine Pinder Normandi Alyse Pitts Jeanette Placeres Jason E. Poknis Randi E. Raap Stephanie Adele Rafferty Stephanie Lynn Rawlings Charita C. Ray Erika Brinae Reese Matthew L. Robinson Daniel E. Rose Emily M. Rose Indu Saha\*\* Page A. Salazar Jill M. Sapperstein Daniel Joseph Sass Lynn Marie Saul Erika Christine Savage Britta Wells Schaffmever Anthony Philip Setari Anne Hathaway Sexton Amy M. Sherman Shardae G. Shipman Kozbi B. Simmons\*\* Sarah A. Sladek Alexandra T. Smith Emma J. Smith Stephen Michael Smith\* Lori Solomon Richard Sommer Veronica Sosa Jamie Leigh Sterlacci Jenna Mariel Stern Elizabeth Stevens Ilene Marie Strain Patricia Marie Sturin Natalie Scott Thibodeaux

Jacob Charles Thomas\* Calesha T. Thompson Maria C. Tronolone Latisha B. Tyson Grant Matthew Underwood Kimberly Marie Unitt-Zupkus Carlie A. Urell Anchalee Charlotte Vance Erica E. Voss Robert Wagoner Christyn Elaine Wallace Sophia Ariana Wechsler Jennifer C. Welsh Alexander M. Wepsala Kelsey Nicole Wirth Mina Won James Michael Wyner Haena Yoo Molly Elizabeth Zeins Meg A. Zimmerman Andrea Zuraf\*\*

#### Graduate Certificates

Samuel O. Abney, School Administration and Supervision\* Samuel O. Abney, Data-Based Decision Making and Organizational Improvement\* Jennifer Ijeoma Akujuo, Early Intervention/Preschool Special Education Specialist Sherla Dawn Alexander-Laville, School Administration and Supervision\* Rose Steinbock Alvarez, School Administration and Supervision\* Toni-Lyn Ambrose, Education of Students with Autism and Other Pervasive Development Disorders\*\* Jane West Argetsinger, Out-of-School Time Leadership\*\* Tiffany Nicole Ayres, Brain and Teaching\*\* Darcie C. Badami, Education of Students with Autism and Other Pervasive Development Disorders\*\* Joanne Catherine Bafaro, Brain and Teaching\*

Deborah I. Ball. Education of Students with Antism and Other Pervasive Development Disorders\* Stacy Brooke Bateman, Education of Students with Autism and Other Pervasive Development Disorders\* Kate Bieryla, Effective Teaching of Reading\*\* Kate Biervla, Gifted Education\*\* Andrea Dawn Bissell, Leadership in Technology Integration Glenna Anne Blessing, Leadership in Technology Integration Cynthia L. Bowen, Transition Planning\* Mariam Lamine Breant, School Administration and Supervision Carol Suzanne Breeze, School Administration and Supervision\* Jessica Eve Broadwater, School Administration and Supervision\* Beth Pollock Burke, School Administration and Supervision\* Edith A. Butler, Teaching the Adult Learner Annamarie Capaldi, School Administration and Supervision\* Cheryl P. Capozzoli, School Administration and Supervision\*\* Adam Stephen Carney, Leadership in Technology Integration Jessica A. Ceiri, Out-of-School Time Leadership\*\* Jennifer Chan, Effective Teaching of Reading Pamela Marie Cherry, School Administration and Supervision Patrick C. Chodkiewicz, School Administration and Supervision\* Katherine A. Christensen, Early Intervention/Preschool

Special Education Specialist\*\*

Katherine A. Christensen, Education of Students with Autism and Other Pervasive Development Disorders\*\* Andrea Lea Christman, School Administration and Supervision\* Amy C. Cirjak, Leadership in Technology Integration Alison P. Clarke, English as a Second Language Alison P. Clarke, Teacher Leadership Brady Erin Cline, School Administration and Supervision\* Michelle Ida Cohen, School Administration and Supervision\* Salvatore Colangelo, School Administration and Supervision\* Nancy Jane Connolly, School Administration and Supervision\* John Davis Copeland Jr., K-8 Science Lead-Teacher\* Karen Yvette Cumberbatch, Educational Leadership for Independent Schools Cynthia A. Cuprzynski, Education of Students with Autism and Other Pervasive Development Disorders\*\* Judith R. Dahne, Leadership in Technology Integration Amanda Elizabeth Dali, School Administration and Supervision Dorothy Davis, School Administration and Supervision Kenneth Michael Davis, School Administration and Supervision\* Jamie Lee Dawson, School Administration and Supervision\*\* Alicia Maria Deeny, School . Administration and

Malaika Amani Defoe, School Administration and Supervision\* Melissa Ann Del Priore, School Administration and Supervision\* Sharon N. Delgado, Brain and Teaching\*\* Brad Robert DeSantos. School Administration and Supervision Ashley Wasson Diehl, Differentiated/Inclusive Education: Advanced Methods for Instruction\*\* Ashley Wasson Diehl, Effective Teaching of Reading\*\* Teresa M. Diehl, School Administration and Supervision\* Adele Sara Dinerstein, Brain and Teaching\* Cantrell Elizabeth Donley, Brain and Teaching\* Rhonda F. Drayton, School Administration and Supervision Bernadette Ann Duffy, Education of Students with Autism and Other Pervasive Development Disorders\*\* Ashley Chacon Dura, Education of Students with Antism and Other Pervasive Development Disorders Ashley Chacon Dura, Early Intervention/Preschool Special Education Specialist Sonja Cosby Egblomassé, Brain and Teaching\* Judith Bogdanski Epcke, School Administration and Supervision\* Cindy II. Etchison, School Administration and Supervision\* Joel Ewen, Leadership in Technology Integration\*\* Laura Elizabeth Farro, School 1dministration and Supervision\*\*

Supervision\*

Donna Bernice Feher Hesen, Leadership in Technology Integration Elizabeth Ferenczi, Educational Leadership for Independent Schools\*\* Tamara Janiw Fontana, School Administration and Supervision\* Katrina M. Foster, School Administration and Supervision Jennifer Robin Fox, Education of Students with Autism and Other Pervasive Development Disorders Katherine Elizabeth Fraser, Education of Students with Autism and Other Pervasive Development Disorders\* Kellie Rae Frey, School Administration and Supervision\*\* Jeffrey Thomas Fulford, Leadership in Technology Integration Rachel Marie Furr, School Administration and Supervision\* Melissa A. Gagnon, Leadersbip in Technology Integration Jaimie D. Galbreath, Earth/Space Science\*\* Mayra García, School Administration and Supervision\* Kelly Ann Marie Gardner, Brain and Teaching\* Brandon Tate Garry, School Administration and Supervision\*\* Patricia L. Gaul, Leadership in Technology Integration Stephanie LoWanda Geddie, Leadership for School, Family, and Community Collaboration Stephanie LoWanda Geddie, School Administration and Supervision Simone Andrea Geness, School Administration and Supervision

Paul George, School Administration and Supervision\* Divina Gracia Geronimo-Jacobs, Effective Teaching of Reading Divina Gracia Geronimo-Jacobs, English as a Second Language Margarita Evelyn Gomez, Education of Students with Autism and Other Pervasive Development Disorders Margarita Evelyn Gomez, Assistive Technology for Communication and Social Interaction Ashley N. Goolsby, Urban Education Trov Dedric Gordon, Leadership in Technology Integration\* Benjamin David Grey, School Administration and Supervision\* Amy M. Gross, Urban Education\*\* Rinder K. Guraya, Urban Education\*\* Maura Claire Harford, Educational Leadership for Independent Schools\* Colleen M. Harle, Leadersbip in Technology Integration Natasha Danielle Harris, School Administration and Supervision\*\* Valerie A. Hawkins, Leadership in Technology Integration Elizabeth Megan Hayward, Education of Students with Autism and Other Pervasive Development Disorders\* Dely T. Herman, Teacher Leadership\* Charlene Highsaw, School Administration and Supervision\* Meredith Allison Holmes, Early Intervention/Preschool Special Education Specialist Kimberly Anderson Hopkins, School Administration and Supervision\*\*

Paige Maria Isaacson, Data-Based Decision Making and Organizational Improvement\*\* James Eugene Jang, Data-Based Decision Making and Organizational Improvement Jesse U. Jay, Leadership in Technology Integration Kelly Jo Jiron, School Administration and Supervision\* Claudia Murphy Johnson, Leadership in Technology Integration Jacqueline R. Johnson, Leadership in Technology Integration Mazella Johnson, School Administration and Supervision\*\* Mazella Johnson, Urban Education\*\* William E. Johnstone, Leadership in Technology Integration Courtney E. Jones, Differentiated/Inclusive Education: Advanced Metbods for Instruction\*\* Courtney E. Jones, Teacher Leadership\*\* Heather C. Jones, Leadership in Technology Integration Sandra C. Jones, School Administration and Supervision Britney Heiyoon Jung, Effective Teaching of Reading\* Britney Heiyoon Jung, English as a Second Language\* Kathleen W. Keck, School Administration and Supervision\* Heather Kraft Kelly, School Administration and Supervision\* Leah H. Kelly, English as a Second Language\*\* Debra S. Kennedy, School Administration and Supervision\*\* Lisette Philemon Kernizan, School Administration and Supervision\*\*

Second Language Sun J. Kim, English as a Second Language\*\* Sun J. Kim, Gifted Education\*\* Nicole M. Kirsch, Education of Students with Autism and Other Pervasive Development Disorders\*\* Adam M. Kleinow, Effective Teaching of Reading\*\* Sandra Elizabeth Knutson, K-8 Science Lead-Teacher\* Caitlin Madden Kolarsick. Gifted Education Caitlin Madden Kolarsick, K-8 Mathematics Lead-Teacher Maryana M. Kolinchak, Teacher Leadership Mary Elizabeth Kovacs, Effective Teaching of Reading Shannon M. Kratz, Leadership in Technology Integration James P. Krebs, School Administration and Supervision James P. Krebs, Teacher Leadership Michelle Manlove Krill, School Administration and Supervision\* Karen Denise Kroll, School Administration and Supervision\*\* Jennifer M. Kwak, Effective Teaching of Reading Jennifer M. Kwak, English as a Second Language Christina Kay Kyong, School Administration and Supervision\* Gina Breunig Laupert, School Administration and Super-vision Jesse Morgan Lehrer, Earth/Space Science\*\* Jesse Morgan Lehrer, K-8 Science Lead-Teacher\*\* Elizabeth Anne Levy, Brain and Teaching\* Jane E. Lichter, Leadership in Technology Integration

Sonya E. Kim, English as a

Mark Andrew Lobb, School Administration and Supervision Rebecca Jillian Lobel, Data-Based Decision Making and Organizational Improvement Rebecca Jillian Lobel, School Administration and Supervision Kathryn G. MacDonald, Education of Students with Autism and Other Pervasive Development Disorders\*\* Amanda N. Malone, Education of Students with Autism and Other Pervasive Development Disorders\*\* Amanda N. Malone, Education of Students with Severe Disabilities\*\* Amy Elizabeth Mangold, Early Intervention/Preschool Special Education Specialist\* Michelle Daphne Matteis, Urban Education\*\* Linda Gwenola McClelland, Leadership in Technology Integration Jennifer Maureen McDonald, Education of Students with Autism and Other Pervasive Development Disorders Jennifer Maureen McDonald, Early Intervention/Preschool Special Education Specialist Michelle Lynn McFarland, School Administration and Supervision\* Tara McNulty, Leadership in Technology Integration Scott William Meech, School Administration and Supervision Oona Miller, Leadership in Technology Integration Patricia Kate Moriarty, School Administration and Supervision\* Shannon L. Mulira, Teaching the Adult Learner\*\* Jaime Michelle Mulligan, Effective Teaching of Reading\*\*

Jaime Michelle Mulligan, Differentiated/Inclusive Education: Advanced Methods for Instruction\*\* Robert Thomas Murray, Leadership in Technology Integration Alexis Lavinia Nardella, Assistive Technology for Communication and Social Interaction\*\* Alexis Lavinia Nardella, Education of Students with Autism and Other Pervasive Development Disorders\*\* Eunice Green Nelson, Effective Teaching of Reading\*\* Jaime L. Oakley, Leadership in Technology Integration Kenneth Leslie Okine, School Administration and Supervision\* Patricia Ann O'Malley, School Administration and Supervision Regina Alyse Paige, Data-Based Decision Making and Organizational Improvement\* Regina Alyse Paige, Effective Teaching of Reading\* Patricia Taylor Paredes, English as a Second Language\*\* Megan O. Patton, Leadership in Technology Integration Ron-Michael Pellant. School Administration and Supervision\* Kathleen Anne Pelletier. Education of Students with Autism and Other Pervasive Development Disorders\*\* Sarah Nicole Phillips, School Administration and Supervision Brenda J. Picarello, Leadership in Technology Integration Courtney Alexis Pittman, Teaching the Adult Learner Regie Marie de la Gente Plana-Alcuaz, Early Intervention/ Preschool Special Education Specialist

Michael Christopher Poirier II, Teaching the Adult Learner Christina A. Pollack, K-8 Science Lead-Teacher Natalie N. Proie Korom. Effective Teaching of Reading\*\* Laura E. Raab, Gifted Education Karin M. Radhe, Instructional Technology for Web-Based Professional Development and Training Barbara DeVries Randolph, Instructional Technology for Web-Based Professional Development and Training\*\* Barbara DeVries Randolph, Leadership in Technology Integration\*\* Kamila Ayana Reese, School Administration and Supervision\*\* Brandi K. Richardson, School Administration and Supervision\*\* Erika Turkisa Robinson, K-8 Mathematics Lead-Teacher\*\* Kim Robinson-Wright, School Administration and Supervision\*\* Kim Robinson-Wright, Urban Education\*\* Kazuko N. Ross, Assistive Technology for Communication and Social Interaction\*\* Brooke Eileen Ruch, School Administration and Supervision\* Lisa Karen Rudolph, Education of Students with Antism and Other Pervasive Development Disorders\* Lisa Karen Rudolph, Early Intervention/Preschool Special Education Specialist\* Lynette Michelle Russell, Differentiated/Inclusive Education: Advanced Methods for Instruction Lynette Michelle Russell, School Administration and

Administration and Supervision David Paul Sandahl, English as a Second Language Donna C. Scaccio, Leadership in Technology Integration Stephanie Ryan Schaufelberger, School Administration and Supervision\* Elizabeth Ann Schindler, Educational Leadership for Independent Schools\* Elizabeth Ann Schindler. Brain and Teaching\* Emily E. Schull, Education of Students with Autism and Other Pervasive Development Disorders\*\* Emily E. Schull, Early Intervention/Preschool Special Education Specialist\*\* Hillary D. Schulman, Education of Students with Antism and Other Pervasive Development Disorders Hillary D. Schulman, Early Intervention/Preschool Special Education Specialist Jayme Elizabeth Schulman, School Administration and Supervision\*\* Carol J. Serksnis, Education of Students with Autism and Other Pervasive Development Disorders\*\* Jessica E. Shambaugh, School Administration and Supervision\* Erin E. Sheevers, Leadership in Technology Integration Marc Jay Sheinberg, Earth/Space Science\*\* Abeer R. Shinnawi, Education of Students with Autism and Other Pervasive Development Disorders\*\* Robyn Annette Shinn-Miller, School Administration and Supervision" Helen Smetheram, leaching the Adult Learner"

Clint Sallee, School

Supervision

Allyson Sue Smith, School Administration and Supervision\*\* Amy Kathleen Spaulding, Teacher Leadership\* Shannon Marie St. John, Education of Students with Autism and Other Pervasive Development Disorders\* Deirdre Elise Stanton. Gifted Education\* Karen Elizabeth Hinson Steele, Leadership in Technology Integration Joann Stelmack, Leadership in Technology Integration Carissa M. Sualp, School Administration and Supervision\*\* Carissa M. Sualp, Urban Education\*\* Anna Eszter Szilagyi-Weichbrod, School Administration and Supervision Anna Eszter Szilagyi-Weichbrod, Teaching the Adult Learner Amanda A. Tack, Earth/Space Science\*\* Maria Lin Tazelaar-Ngo, Leadership in Technology Integration Borislava Tchopev, Teaching the Adult Learner\*\* Nancy L. Tevault, Leadership in Technology Integration Kimberly Thomas, Teaching the Adult Learner\*\* Tracy Lynne Bubser Tibbs, Differentiated/Inclusive Education: Advanced Methods for Instruction\*\* Tracy Lynne Bubser Tibbs, Teacher Leadership\*\* Kim Thien Tran. Effective Teaching of Reading Kim Thien Tran, Emergent Literacy Education Anne Marie Truger, School Administration and Supervision\* Michelle Alison Turnof, School Administration and

Nicole Adkins Twilley, School Administration and Supervision\* Laura A. Vandenberge, Leadership in Technology Integration Sharna LeAnne Vandiver, Brain and Teaching\* Shay Makela Vogg, School Administration and Supervision\*\* Dana Marie Voso, Leadership in Technology Integration Audra R. Walsh, Gifted Education Audra R. Walsh, Urban Education Cynthia Frederick Wascavage, Effective Teaching of Reading Gordon Everitt Webb, Leadership in Technology Integration Brandy Bauer Widzbor, Education of Students with Autism and Other Pervasive Development Disorders\* April Reneé Wilson-Conaway, School Administration and Supervision\*\* Robert Thaddeus Wojtowicz, Educational Leadership for Independent Schools Adrienne Marie Wright, School Administration and Supervision\* Cynthia Ann Wynn, Education of Students with Autism and Other Pervasive Development Disorders\*\* Peter A. Yaksick, Brain and Teaching Peter A. Yaksick, Teaching the Adult Learner Jennifer L. Yencho, Teaching the Adult Learner\*\* Sirin Yilmaz. Early Intervention/Preschool Special Education Specialist Rachel Tudor Ziulkowski, School Administration and Supervision\*

## THE PEABODY CONSERVATORY OF MUSIC

## Gradnate Performance Diplomas

Jacomo Rafael Bairos. Conducting Justin George Phillip Bird, Piano Adam J. Brakel, Organ Petrit Ceku, Guitar Chun-Ting Chao, Voice Tong Chen, Conducting Yuan-Chih Chen, Recorder Yoon Kyung Cho, Violin Kyung-Wha Chu, Piano Jennifer Ann Edwards, Opera Mark Gerald Edwards, Guitar Jin Han, Piano Sylvia Hong, Piano Han-Ying Hsieh, Voice Jongbin Kim, Violoncello Dimitrios Nikolaos Kostaras, Saxophone Diana Kostova, Organ Kangho Lee, Voice Shuang Liu, Harp Stephanie Miller, Voice Lee Trippet Mills, Conducting Lynn Dee Moncilovich, Bassoon Jin-Sung Moon, Charinet Hana Morford, Viola Emi Okumura, Piano Maria Victoria Pedrero Perez, Violoncello Marco Antonio San Nicolas. Guitar William Michael Schaller, Voice Meng Su, Guitar Jocelyn Claire Thomas, Voice Jessica Thompson, Voice Yameng Wang, Guitar Melissa Wimbish, Voice Moritz Winkelmann, Piano Demarr Ray Woods, Trumpet Elena Yakovleva, Chamber Music

#### Masters of Music

Teodora Dimitrova Adzharova, Piano Shawn Alger, Double Bass Kyle Edward Anderson, Trumbet Sao Aoki, Percussion Anders Victor Borge, Musicology Robert Stephen Bosch, Music Education Amanda Kay Boundy, Voice Shelby Claire Bowling, Voice John Adam Briggs, Saxophone Brandon Keith Brown, Conducting Martha Leah Bruce, Viohn/Pedagogy Stephen Lewis Campbell, Voice Athens Emory Carter, Trumpet Jonathan David Carter, Composition Chih-Le Chang, Violin Joyce Chiung-Yin Chang, Violin Moon Young Chang, Viohn Zhangyi Chen, Composition and Music Theory Pedagogy Wei-Ting Cheng, Voice Yi-Yin Chien, Piano Mi Jin Choi, Ensemble Arts: Vocal Accompanying Constance Chou, Piano John Joseph Craven, Composition Wade S. Davis, Baroque Cello Camille Adriana Delaney-McNeil, Fhute Danielle M. Edwards, Voice/Pedagogy Ismar Gomes, Violoncello Jayson Greenberg, Voice Yoon Jee Ha, Voice Erica LeAnn Hamby, Voice/Pedagogy Patrick C. Handler, Composition and Music Theory Pedagogy Katherine Harris, Piano Julia R. Hershberger, Musicology Aaron Herzog, Piano Jakob C. Hofer, Violin/Pedagogy Yu-Chia Hsiao, Violin Christine Chia-In Hsii, Piano Timothy Hsu, Violin Szu-Ying Huang, Piano Xinlu Huang, Piano

\*Degree conferred August 27, 2010

Supervision\*

Jenny Marie Huerter, Violin/Pedagogy Soojung Hur, Piano Jiyeon Hwang, Violoncello Katelyn Elizabeth Jackman, Voice Tatevik Khoja-Eynatyan, Musicology Kathryn Jean Kilian, Violiu HaRam Kim, Piano lisu Kim, Piano Ki Yeon Kim, Flute Min Jung Kim, Clarinet Younggun Kim, Piano Charlene Ye Kluegel, Violin Emily Koh, Composition and Music Theory Pedagogy Stephanie Adrienne Kruskol, Voice Hyejin Kwon, Ensemble Arts: Vocal Accompanying Yoon Kyung Kwon, Violin Annie Sarah Laing, Voice Rebecca Elizabeth Lantz, Horn and Musicology Eunice YoonHee Lee, Viola Hanol Lee, Flute Luri Lee, Violin Seul Gee Lee, Violin Soyoung Lee, Violin Vieen Tsz Ching Leung, Violin Micah Daniel Levy, Composition and Music Theory Pedagogy Kristina Nicole Lewis, Voice Jolie Subshiow Lin, Musicology Walter Elias Lindberg, Music Education Hart Lundergan Linker, Saxopbone Jiaxi Liu, Musicology and Piano Richard Chi-Cheng Liu, Violin Jeremy Glenn Lyons, Gnitar/Pedagogy Sylvia Carol Mack, Music Education Sara Michelle MacKimmie. Early Music: Voice and Voice Andrew McEvoy, Guitar/Pedagogy Elizabeth Merrill, Early Music: Voice and Voice Jin-Sung Moon, Clarinet Joann Moorer, Voice

Rachel Layne Morgan, Mnsic Education Jessica Morrison, Horn Gemma Elizabeth New, Conducting Ahra Oh, Piano Hee Kyung Park, Violoncello Lisa Marie Perry, Voice Wasin Prasertlap, Piano Hannah Poole Pressley, Violoncello Dorotea Racz, Violoncello Michael A. Rainbow, Voice Nola Louise Richardson, Early Music: Voice Mary Lacey Rogers, Voice Ronaldo Rolim, Piano Jacob Paul Runestad, Composition Carmen Renee Schmidt, Voice/Pedagogy JeongEun Shin, Violoncello Katie Smirnova, Violin Minju Song, Piano Wan-Chi Su, Piano Tai-Chi Tang, Clarinet Aki Ying-Ming Tsai, Violin I-Hsuan Tsai, Violin Nicholas Joseph Will, Organ Joseph James Williams, Gnitar/Pedagogy Yifan Zhou, Violin Jonathan Zwi, Guitar

#### Masters of Arts

Scott Bergstrom, Andio Sciences Victor Longo Petercem Viglongo Correa, Andio Sciences Elisabeth Shaff Kelson, Andio Sciences Ian William Lowther, Andio Sciences Yao Lu, Andio Sciences Weichao Xu, Andio Sciences

## THE SCHOOL OF NURSING

#### Masters of Science in Nursing

Anushree Raje Ahluwalia Iocelvn Christine Anderson\*\* Maria Liza Villa Anicoche\*\* Colleen Chaney Apostol Kathryn Lynn Bazilauskas\*\* Czarevna Pajaron Carcellar\*\* Christina Marie Petix Cardella\*\* Bridget Carver\*\* Giovanna Lynne Castellano Minnie J.S. Chan Kimberly Marie Crim\*\* Elizabeth Almonte Crisostomo\*\* Linda Jasek Dewberry Rosemary W. Dodd\*\* Cashe Christine Emory Kristen Marie Erekson Nevsa P. Ernst Alisa Nicole Fallow Amber Rae Giesel Renee Elaine Glisson Karen Crawford Held\* Erika Lynn Hoffman Anne Seton Hopkins Hollis\* Meuy Saechao Johnson\*\* Maura Hilgartner Kadan Opeyemi Oluwaseun Kemiki\*\* Christopher Erik Killam\*\* Patricia Ann Lancaster Shannon Mary Langmead\*\* Kelly Lynne Lowensen Melanic Kaye Lukesh Michelle Hyeon MacDonna\*\* Carissa Anne Morency\*\* Leslie Louise Morgan Patricia Uwazuruonye Njoku Charity Kerubo Omwoyo\*\* Ellen Akyeamaa Opoku\*\* Mary Kathryn Outten Rebekah Abigail Parsons\*\* Mary Teresa Paterno\* Kathryn Fisher Penn Rebecca Young Perkins\*\* Amber Nicole Richert Irina Rifkind\*\* Amber Michelle Rogers Meagan Elizabeth Schiavone Manju Sharma\*\* Megan Ann Katherine Shepter Stacia Leigh Shrvock\*\*

Amanda Mella Singh\*\* Michelle DiCocco Stephens\*\* Margaret Ruth Sullivan\*\* Loc Mariane Thomson\*\* Grace D. Udoh\* Mary Woods\*\* Mary Teresa Yost

## Masters of Science in Nursing/ Masters of Business Administration

Patricia Runyeon Burgee Jennifer Nicole Gaines\* Thomas David Snodgrass

## Masters of Science in Nursing/ Masters of Public Health

Sheyanga Dilanjali Beecher\* Emily Ames Burr\* Anne Elizabeth Cavett\* Jeane Garcia Davis\*\* Erin Elizabeth Fitzpatrick\* Karen DiValerio Gibbs\*\* Meghan Elizabeth Greeley\* Reshma V. Jhaveri Leah Caryn Johnson\*\* Shirley Hsu Lee Christine Ya Lin\* Megan Kathleen Marx Odunlade Adetoyosi Olalere\*\* Colin Mattson Plover\*\* Jennifer Julia Stagl\*

## THE BLOOMBERG SCHOOL OF PUBLIC HEALTH

## Masters of Science

Maria Abraham, Biostatistics Allison Lorna Agwu, Clinical Investigation\* Benjamin Muir Althouse, Biostatistics\* Omotooke Ajoke Arojo, Molecular Microbiology and Immunology Samantha Douglas Baer, Molecular Microbiology and Immunology Jiawei Bai, Biostatistics

\*Degree conferred August 27, 2010 \*\*Degree conferred December 30, 2010

Liang-Chin Chen, Biochemistry and Molecular Biology\*\* Po-Han Chen, Biostatistics Courtney A. Davis, Biochemistry and Molecular Biology\*\* Catherine Marie Philippe de Beaumont, Molecular Microbiology and Immunology\* Yoshiki Eto, Molecular Microbiology and Immunology\* Anianda Elise Garton. Environmental Health Sciences\* Christy Lauren Haakonsen, Health, Behavior and Society Laura Leigh Hester, Epidemiology Laura Kathleen Hummers, Clinical Investigation\*\* Nathan Thomas James, Biostatistics\* Sarah S. Kalia, Health, Behavior and Society Brittany Lynn Kinush, Epidemiology Neha Kumar, Health, Bebavior and Society Andrew Hua Law, Epidemiology Jane T. Lee, Health, Bebavior and Society Won Ho Lee, Biochemistry and Molecular Biology\* Leda Eleanor Lotspeich-Cole, Molecular Microbiology and Immunology Holly Lynn McHugh, Biochemistry and Molecular Biology\*\* Chiaki Nakata, Molecular Microbiology and Immunology\* Daniel Obeng, Biostatistics Cheng Peng, Biochemistry and Molecular Biology\* Kendra Lee Schaa, Health, Bebavior and Society Rachel Anna Silverman, Epidemiology Lili Zhang, Epidemiology Tianxiao Zhang, Epidemiology

# Masters of Science in Public Health

Michelle Louise Abel. Health, Behavior and Society Angela Acosta, International Health Sabrina Aggarwal, Health Policy and Management Eleanore Alexander. International Health\*\* Jennifer Mae Anderson, International Health Lindsay Alice Andon, Health, Behavior and Society Favrouz Ahmed Sakr Ashour, International Health Patrick Anthony Baron, Environmental Health Sciences Jessica Ann Barry, International Health Krista Mychel Beckwith, Health Policy and Management Catherine Louise Bereznay, International Health William Killington Bleser, International Health Kathleen Marie Breeding, Population, Family and Reproductive Health Martin Burian, Health Policy and Management Jennifer Barr Burns, International Health Fiorella Beatriz Castillo, International Health Sarah Boreum Cha. Health, Behavior and Society Yiyun Chen, International Health Mary Elizabeth L. Chesney, International Healtb\*\* Alexis Pluscherie Chidi, Health Policy and Management Tahmid Chowdhury, International Health Nicole Sarah Cohen, Health, Behavior and Society Alyssa Kim Crawford, Population, Family and Reproductive Health Jordan Alexander David, Population, Family and Reproductive Health

Mardieh Louise Dennis. International Health\*\* Privanka J. Desai, Health Policy and Management Safiyya Begum Dharssi, Health Policy and Management Rachel Goldie Dlugash, International Health Andrea Blaire Dotson, International Health Kaitlin Ashley Doyle, Health, Bebavior and Society Nicole Ann Errett, Health Policy and Management Elisabeth Courtney Fackler, International Health Paulo N. Farqui, Health Policy and Management Danielle Haley Feldman, Health, Behavior and Society Rebecca Kathleen Fielding-Miller, International Health Diana Frayda Finegold, Health, Bebavior and Society Victoria Flores Fernandes, Population, Family and Reproductive Health Elizabeth Good Fontaine, Population, Family and Reproductive Health Laura Margaret Fraser, International Healtb\*\* James Anson Fuller, International Health Emily Jill Gold, Population, Family and Reproductive Health Kay Marie Gonsalves, Population, Family and Reproductive Health Brian James Gordon, Population, Family and Reproductive Health Kristina Ai Gustafson, Health, Bebavior and Society Michelle Hawks, Population, Family and Reproductive Health Thomas John Hipper, Health, Behavior and Society Alice Hu, International Health Ashley Marie Jackson, International Healtb\*\*

Laura Jacobson, Population, Family and Reproductive Health Kriti Munjal Jain, International Health Miraya Jun, International Healtb\*\* Jessica Malaya Kali, Population, Family and Reproductive Health Rukundo A. Kambarami, International Health Mohammed Abdul Basit Khan, International Health\*\* Mieko Kikuchi. International Healtb\*\* Elizabeth Marie Klasen, International Health Heather Ashley Knauer, Population, Family and Reproductive Health Naoko Kozuki, International Health Courtney Rose Kraus, Health, Bebavior and Society Bethany Kupferschmidt, Health Policy and Management Emmanuel Kyeremateng-Amoah, Environmental Health Sciences Carrie Ka Ying Lam, International Health Lindsay Denise Lange, International Healtb\*\* Jennifer S. Lee, International Health Matthew Jasun Lee, International Health Aubrey Janel Levine, International Health Mengying Li, Population, Family and Reproductive Health Anne Ping Liu, International Healtb\*\* Swetha Manohar, International Health Farha Faroog Marfani, Health, Behavior and Society Abigail Rose McDaniel, International Health Sarah F. Meisenberg, Health Policy and Management Jaytoya Chenelle Mercer, Population, Family and Reproductive Health

Siti Khayriyyah Mohd Hanafiah, International Health Sarah Sutherlin-McIvor Murray, International Health Meghan Marie Nechrebecki, Population, Family and Reproductive Health Sara Newman. International Health Aliva Noormohamed, International Health Christopher Brian Olson, Environmental Health Sciences Catherine Anne Packer, Population, Family and Reproductive Health Daniel Eugene Park, International Health Tina Hyonjoo Park, Population, Family and Reproductive Health Jacqueline Elizabeth Pinsky, Health Policy and Management Suzanne L. Pollard, International Health Shirani David Rajan. International Health Melissa Jo Roach, International Healtb\*\* Stephanie I. Saylor, International Health Lauren M. Schwartz. International Health Sarah Catherine Searle, International Healtb\*\* Ashley Setala, Health Policy and Management Ah Young Shin, International Health Sheryl Silverman, Health, Behavior and Society Metta-Alem Bitew Sinishaw, International Health Maureen Elizabeth Skehan, Health Policy and Management Sara Ruth Slovin, Population, Family and Reproductive Health Alexandria Amos Smith, International Health\*\* Brian Joseph Spendley, Health Policy and Management

Robert Ssekubugu, International Healtb\*\* Robert Edwin Stanley, International Health Maria Elizabeth Sundaram. International Health Amy Marie Swartz, International Health Dean Patrick Taiani. Environmental Health Sciences Julia Andrea Terr-Malloy, Health, Behavior and Society Alaina Christine Thomas, International Health Margaret G. Tucker, Health, Behavior and Society Xue Wang, International Health Amy Joan Waschenfelder, Health Policy and Management Elizabeth Filer Wieand, Population, Family and Reproductive Health Melissa Theressa Williams, Health Policy and Management Laura Margaret Wolaver, International Health Samantha Yu-Yao Wu, International Health lie Yuan, Environmental Health Sciences

#### Masters of Health Science

Murwan Mahmoud Abdallah, Biochemistry and Molecular Biology Priti Agarwal, Molecular Microbiology and Immunology\*\* Emily Ann Margaret Allen, Health Policy and Management Arun Venkat Amble, Molecular Microbiology and Immunology Ashley Irené Bennett, International Health\* Jonathan Carlin Berger, **Clinical Investigation\*** Cristine Elizabeth Berry, Clinical Investigation\* Niranjan Bhat, Clinical Investigation\*\* Julianne Elizabeth Bierwirth, International Health Simina Maria Boca, Biostatistics

Katelyn Mary-Boswell, Mental Health Brendan Wade Brown, Environmental Health Sciences Sharon Bukspan, Environmental Health Sciences Stuart Christopher Burden, Population, Family and Reproductive Healtb\*\* Anthony G. Chen, Biochemistry and Molecular Biology Li Chen, Biostatistics Farah Jakia Chowdhury, Environmental Health Sciences Elizabeth Marie Clearfield, Epideniiology Daniel Charles Cole, Epidemiology Michael Joseph Crone, Molecular Microbiology and Immmology John Andrew Alden Dawdy, Environmental Health Sciences Michael R. Dinizo, Biochemistry and Molecular Biology\* Sarah Butler Donovan. Health Policy and Management Kimberly Lyn Dubansky, Environmental Health Sciences Michal Engelman, Biostatistics\*\* James Cameron Etheridge, Biochemistry and Molecular Biology Lynnelle Elizabeth Evans, International Healtb\* Amir Abdel-Moaty Favek, Mental Health Mary Kathryn Franchetti, Mental Health Ralph Joachim Fuchs, Clinical Investigation\* Gerson Dario Galdos Cárdenas, International | Jealtb\* Jelena Goldoni, Mental Health Morgan Erika Grams, Epidemiology\* Julie Gras-Najjar, Environmental Health Sciences Alden L. Gross, Biostatistics\*\* Emily Edmunds Haroz, Mental Health Sara M. Hassani, Molecular Microbiology and Immunology

Biochemistry and Molecular Biology Adam S. Hoffberg, Mental Health Talia Sharon Hoory, Biochemistry and Molecular Biology Neesha Hussain, Mental Health Anuar T. Imanbayev, Mental Health Roveiza Irfan, Molecular Microbiology and Immunology Ragni Jindal, Molecular Microbiology and Immunology Katherine Noel Haigh Johnson, Molecular Microbiology and Immunology Aubrey L. Jordan, Biochemistry and Molecular Biology Hilina Tsehay Kassa, Epidemiology Stephanie Anne Kielb, Mental Health June Hee Kim, Mental Health Katherine Kim, Biochemistry and Molecular Biology Thomas John Klassen, Environmental Health Sciences Dorothy Amanda Knutsen, Biochemistry and Molecular Biology\*\* Franca Sara Kraenzlin, Molecular Microbiology and Immunology Justine Julia Larson, Clinical Investigation Kinbo James Lee, Epidemiology Jessica Yang Li, Biochemistry and Molecular Biology Lingsheng Li, Mental Health Tianjing Li, Biostatistics\* Phillip Han Lim, Biochemistry and Molecular Biology Jimmy Cheng-1 lo Lin, Biostatistus Lauren Ferrari Loeffler, Endemology Ronica Lu, Environmental Health Sciences David Luo, Encironmental Health Sciences Larkin Xi Luo, Biochemistry and Molecular Biology Mika Samuel Mage, Epidemiol gy

Gina Gale Hermogeno,

Mahmoud B. Malas, Clinical Investigation\* Rebecca Lynn Manno, Clinical Investigation\* Bharat M. Maraj, Molecular Microbiology and Immunology Yessika Mashinski, Environmental Health Sciences Saritza Mendoza, Molecular Microbiology and Immunology Ophelia Eleni Michaelides, Molecular Microbiology and 1mmunology Meredith Grace Mirrer, Environmental Health Sciences Rachael M. Moloney, Epidemiology Gabrielle Dajon Morris, Biochemistry and Molecular Biology Richard Mukasa Musoke, Population, Family and Reproductive Health Daniel Joseph Myers, Biochemistry and Molecular Biology Melissa Ashley Nastacio, Molecular Microbiology and Immunology Chiadi Ericson Ndumele, Epidemiology Oscar Chuka Nnoli, Molecular Microbiology and Immunology Kathleen Corcoran Oktavec, Epidemiology\* Stephanie Omburo, Molecular Microbiology and Immunology Rory C. O'Rourke, Environmental Health Sciences Gbolahan Damilola Oyinloye, Mental Health Jennifer Anna Park, Biochemistry and Molecular Biology Jessie L. Parker, Epidemiology Margaret Mary Parker, Epidemiology Marilyn Perez, Environmental Health Sciences Elise Christina Perry, Epidemiology Mohit Pramanik, International Health\*

Liandra N. Presser, Biochemistry and Molecular Biology Cozumel Southern Pruette, Epidemiology Fabiola Ramos Nieves, Mental Health Sara G. Rasmussen. Environmental Health Sciences Melanie Reiter, Molecular Microbiology and Immunology Dorothy Leigh Rodenbeck, Biochemistry and Molecular Biology Jonathan Rubin, Epidemiology Tiffany Frances Saavedra, Biochemistry and Molecular Biology Debora Irmantia Stephanie Sandiford, International Health Harini Sarathy, Epidemiology\* William Sears, Molecular Microbiology and Immunology\*\* Christopher Peter Seidel, Biochemistry and Molecular Biology Naomi Margaret Sell, Molecular Microbiology and Immunology Sahil Seth, Biostatistics Jia-Chi Shan, Mental Health Weijiang Virginia Shen, Biochemistry and Molecular Biology Jaewook Shin, Molecular Microbiology and Immunology Pooja Singal, Environmental Health Sciences Alison Beth Singer, Epidemiology Ida Melissa Solis, Biochemistry and Molecular Biology Lindsay Michelle Stanley, Mental Health Christopher Myles Stark, Molecular Microbiology and **Immunology** Emily Ruth Marie Sydnor, Clinical Investigation Sejal Trivedi, Biochemistry and Molecular Biology Susan Tsai, Chnical Investigation\* Irina Usach, Biochemistry and

Molecular Biology

Jan Carlos Varada, Molecular Microbiology and Immunology\* Kadhambari Sankar Viswanathan, Biochemistry and Molecular Biology Adam Josiah Waddell, Environmental Health Sciences Kari Ann Weber, Epidemiology Shalini Wickramatilake, Mental Health Hao Wu, Biostatistics\* Xiao Xiao, Environmental Health Sciences Ting Yang, Biostatistics Jin Woong Yoon, Mental Health Jeffrey Boyang Yu, Biochemistry and Molecular Biology Di Zhao, Epidemiology Fengmin Zhao, Biostatistics\* Richard Zheng, Biochemistry and Molecular Biology

# Masters of Health Administration

Farhana Abdullah, Health Policy and Management Megan Marion Bowes, Health Policy and Management Yu-wen Angela Chang, Health Policy and Management Saira Jabeen Chaudary, Health Policy and Management Keli M. Chongasing, Health Policy and Management Shubhang Harin Dave, Health Policy and Management Umang J. Desai, Health Policy and Management Sean Michael Evans, Health Policy and Management Mihyun Gong, Health Policy and Management Kristin G. Hartley, Health Policy and Management Hayley A. Kenslea, Health Policy and Management Ou Stella Liang, Health Policy and Management Paige Elizabeth McMillan, Health Policy and Management Jennifer Murphy Newcomb, Health Policy and Management Purvi Hasmukhlal Shah, *Health Policy and Management* Rahul M. Shah, *Health Policy and Management* Ashley Wenette Spivey, *Health Policy and Management* Sarah Lynn Trapani, *Health Policy and Management* Darline Tunis, *Health Policy and Management* Charles Anthony Wiggins, *Health Policy and Management* Thomas Lloyd Wilson, *Health Policy and Management* 

## Masters of Public Health

Saleh Fares Aal-Ali Ilham Ibrahim Abdelhai Titilayo Colette Abiona Evelyn Abena Aboagye Sybil Elizabeth Abraham Ashkan Afshin\* Owhofasa Onovughe Agbedia Patrick I. Akhiwu Oluwaseun Oluwadamilola Asake Akinvede Fatima Al Sayed Al Dhaheri Sultan Al Dhaheri Omniyat Mohammed Al Hajeri Farida Ismail Al Hosany Jamal Mohammed Al Kaabi Saeed Musabbeh Al Kaabi Samya Mohamed Al Mamari Asma Ibrahim Al Mannaei Amna Ahmed Al Marzougi Huda Saeed Al Shemeili Abeer Mohamed Al Teneiji Jessica Lynne Alderman Stacy Nicole Aldinger\*\* Ferhina Sultana Ali Nadia K. Ali Mai Ahmad Al-Jaber Fatema Mohamed Alkaabi Ali Abdulkareem Alobaidli Sami Alom Ruiz\*\* Reem Al-Shamsi Ali Alhoulei Alsuwaidi Godfred Amah Amah Marco Carucci Ambrosio Cristan Anderson Elizabeth Mary Andreasen Rachel Edet Annam

<sup>\*\*</sup>Degree conferred December 30, 2010

Tiffany Scarlett Arrington Brenda Kateera Asiinnwe Jessica Erin Atwell Linda Aurpibul Nicole Minnette Azene Jeffrey Michael Babuschak\*\* Helen Marie Badie\*\* Edmond Baganizi Jill Angelique Kissel Barrett\* Lopa Basu Carrie Windsor Bateman Laura Brandon Belazis Lorraine Kabakama Beraho Jeffrey Ryan Berko Allison Diane Berry Stefano Bertuzzi Virai Ravindra Bhise Kathleen Blake Leah Blank **Emily Frances Boss** Kelly Joan Bouxsein Michael Jonathan Luke Bradfield Leslie Wilk Braksick Cori Majors Brock Julian William Maxwell Brunner Geoffrey Colin Buckle Charla Ruth Cain Tatiana Kalima Carett Alyssa Lee Carlberg Howard T. Carolan III Diana Nicole Carvajal\*\* Stephanie Marie Cascio Yanfeng Chai\* Natasha Chandok\*\* Newry Chandra Yohalakshmi Chelladurai Andrew Chen Yi-Ning Cheng Adaora Mgbabu Chima Adam J. Clarkson\*\* Patricia Grace Clav Daniel Richard Cohen Joseph Michael Collaco Marya Eva Corden Michael Jason Crupain John Czarnecki\* Ruoxi Dai Kathryn Louise Daveson Kisha Nicole Davis Ryan Gregory Davis Stephanie Marie Davis Alan Antonio De Lima Pereira Arkaprava Deb

Thierry Defechereux Leslie Diane DeRouin Sheila Desai Christina Lynn Dickenson Lillian DiGiacomo Ionathan Dimsdale Anna Dion Dean R. Dobbert\*\* Candice Mauri Donald Elie Donath\*\* Erika Ienkner Douglass Katia Alice Webb Duey Denise Dvorguez Moncayo Thomas Miller Edling Olivia Chioma Elee Amanda C. Ellison Cecelia Rose English Kevin McCalmon Fain Tala Hani Fakhouri Rebecca E. Falkenstern Nauder Faraday Monique Irene Ferguson Lindsey M. Ferris Reynald Didier Fleury Tabor Elisabeth Flickinger Gina Besson Forte Serene Elizabeth Forte Ruben Frescas Ir. Meghana Dipti Gadgil Jenny Loree Garner Lauren Ann Gavin Rahel G. Ghebre\* Danielle Lauren Gilbert Aliza Sara Gordon Christine Gail Gourin Sally Marie Graglia Kristen Leigh Greathouse Charles Herman Greenberg Stephanie Elaine Griese Derek Michael Griffing Ashwini Rege Gundawar Sara Haack Celia Noelle Hagan George Shin Han Yolandra Evette Hancock Catherine Elizabeth Handy Steven Andrew Hankins\*\* Asim Haque\* Mohammad Khalid Hararah Sheryl Lezada Harris\* Robin Marie Harrison\*\* Leah Hayden Harvey Vibhuti N. Haté

Elham Hatef Naimi\*\* Sharon Haymes Sonia Tara Hegde Stacy Elizabeth Herb Rachel M. Hingst Travis Roswell Hobart Vanessa Anne Hoffman Lewis B. Holmes\*\* Hisani Horne Heather Holly Houlihan\* Chi-poe Sean Hsia Yuan-Chun Hsiao\* Yao-Hsien Huang\* Erin Susan Huber Michael David Humes\* Gregory Louis Hundemer Jennifer Donna Hunt John Anamelechi Ihebereme Maho Imanishi Sabrina Islam Rahul Jain\* Wana Kim Jin Herman Singh Johal Andrew William Joseph Rachael H. Joseph Ketan Sudhir Jumani Kyungsuk Jung Charlotte Salame Mwanzia Kaliti Pushkar Makarand Kanade Anne Elizabeth Kanyusik Mary Ann Karolchyk\*\* Hamadoun Kassambara Kei Katsuno Kattey Amos Kattey Simone Louise Katz\*\* Katherine Woolley Katzman Torrey Lynn Kaufman Rachael Jean Keefe Sara Ann Kennedy Rohit Chandramohan Khanna Elizabeth Young-Wha Kim Jin Yong Kim Min Kuk Kim\*\* Elesha Ann Kingshott Helen Irene Kinsman Valerie Bianchi Kirby Jesse Abbott Klafter Jessica Marie Knupp\*\* Roy Joseph Korn Jr.\*\* Tara D. Kovach Kathryn Wulbern Koval Daniel Steven Krauth Mona Mittal Krishnan

Ioana Kruse\*\* Anita A. Kumar Monica Kumar Ezzan Kunna Han Chin Kuo Ambereen Kurwa Jessica Harnish Ladd Alysandra Lal\* Thomas Adam Lardaro Nicole Alexandra Larrea Erik R. Larson\*\* Christopher Thomas Lee Haewon Lee Erica Molly Lessem Candace Lew Ruoxi Lin Jyh-You Liu Terrence H. Liu Lia Ilona Losonczy Pauline B. Lubens Shunsuke Mabuchi Amal Mubarak Madhi Beata E. Majewski Tomohiko Makino\*\* Eric B. Mallow Elizabeth Ann Marchetta Kristen Jockisch Margevicius Tiziano Andrew Marovino\*\* Lauren Brandon Mashaud Cheryl Annette Mason Dany Matar Eugenio A. Maul Laurel Gail McCloskey\* Jacqueline Christine McDowell LaPortia Jimae McElrath Jolion Clair McGreevy Scott L. McPherson Munira Mahmoud Mebwana Winta Tsegay Mehtsun Brandon Michael Metcalf Mignon Metcalf Nina Cynthia Mezu-Nwaba Ruth Lea Minetree Mona Adel Noureldin Mohamed Nader Moinfar Maria Cecilia Monge Bonilla\* Jeffrey C. Moon Woori Moon\*\* Finothy C. Morgan Kenanao Mothoiwa Marcel Muenster Lena Myrna Betsy Muldavin Margaret Theresa Murphy

Laura Williams Musselwhite Dariusz Grzegorz Mydlarz Polina Simone Niedle Ijeoma N. Ntukidem Chinonso Chioma Nwafor Odiraa Camillus Nwankwor Chukwusomnazu Emmanuel Nwanze\*\* Obinna Uchenna Nwobi Augustine Chidi Obirieze Onyebuchi Ugochukwu Ogbuagu Godwin Omeiza Ogedengbe Robert Yoichi Oikawa Olusevi Peter Okebukola\*\* Ebenezer Temitope Oni Ibukunolupo Odunayo Oni Tobore Gabriel Onojighofia Kojo Alfred Osei-Bonsu Danielle Dionne Owens Janie Oenmi Pak Ghanshyam Palamaner Subash Shantha Iulia Ann Panek Emese Parker Vishwanath Andy Partapsingh Ebrahim Paryavi Lisa S. Paulos\*\* Abhishek Ramesh Payal\* Pamela Marie Pelizzari Megan Marie Peterson Kiemanh Pham Sandrine Pirard Anna Rose Pollock Victor Olumuyiwa Popoola Seema Khiman Pursnani Eugenia Pyntikova Manjari Quintanar Solares Sudit Ranade\*\* Prethy Rao Nidhi Rawal Rose E. Reis Sandra S. Retzky Amy Rachel Rikoon Amanda Lily Roberts Mary Louise Roberts Morgan Elizabeth Rog James William Ross Jack Samuel Rowe Nora E. Rowley Britta Junet Runbeck\*\* Nadia U. Rutavisire **Julie Rwan** Sawsan Mohamed Salih

Elizabeth Marie Salisbury Afshar Tanyka Suzanne Sam Rasanamar Kaur Sandhu Shadia Samira Santos\* Supriva Sarkar Jessica Molly Schaeffer Allyson Marie Scherb leffrey Alan Schoenborn Charles Mitchell Schubert\* Katherine Elizabeth Schultz Seth A. Schumacher Heather Melissa Scobie Leigh Gabrielle Senderowicz Anita Shanmugham Andrew Shawhan Amy Joy Sheer Jill Courtney Shelly Nishamarie Bose Sherry Ming-Hsiung Shih Young-Rok Shin Farhat Shireen Rebecca M. Shore Nakiya Naomi Showell **Rishav Shrestha** Muhammad Ahmed Siddiqui Charles Austin Smith Christina Raye Smith\* **Tobie-lynn Smith** Elizabeth Cristina Coelho Soares\*\* Natasha Alessandra Sokol Martha H. Somerville Emma Jane Spaulding Rachel Christine Steckelberg Michael Ervin Steele\*\* Riley J. Steiner Amanda Marie Stewart Elizabeth Kathryn Stierman Duane M. Stillions Susanne Karin Strömdahl Emily Catherine Stumpf Ashley Rene Styczynski Jala Assad Taher Raymond Jesse Tarpley Jacob Louis Taylor Ana Isabel Tergas Elizabeth A. Thoburn\*\* James Benjamin Tidwell\*\* Norma Constanza Tobasia-Hege Jeffrey John Tosoian Arielle Elissa Traub Hao-Hsuan Tsai\*

Yu-Ting Alice Tsai

Ann-Marcia C. Tukpah Cynthia Sue Tung\*\* Andrew En-lu Tyan\* Rachel Urwin\*\* Elisabeth A. Vaeth Pujita Vaidya Shalendra Kumar Varma\* Carrie Varoquiers Fehmida Iver Visnegarwala\* Christina Dinh Wadhwani Elizabeth Vowell Wallace\*\* Lauren Elyse Waltersdorf Navantara Watsa\*\* Gretchen I. Weiss Michael Miles Wess Karissa Marie White Tamela Jane White Lindsay G. Wich Lydia Wilbard Ellen McKnew Wilk Margaret Eleanor Wilson Tin Yau Andrew Wong Wai-Lun Wong Stacy E. Woods\*\* Letitia Jeanna Wright\* Chia-wen Kristy Yang\*\* Xuan Yang Hirad Yarmohammadi Alina Yarova Nadia A. Malek Younis Amna Zeb\*\* Nan Zhai

# THE PAUL H. NITZE SCHOOL OF ADVANCED INTERNATIONAL STUDIES

## Masters of Arts

Yasuyuki Abe Scott David Abrahams Alicia Elizabeth Adkins Natalia Aivazova Aamir Alavi\* Maysam Ali Clare Althea Allenson Rebecca Aman Araz Aminnaseri Sarah Elizabeth Austrin-Willis Heymi Bahar

Caldwell Mulherin Bernard Bailev Analisa Ribeiro Bala Jason Daniel Ballet Daniel Balson\* Jessica Lekisch Bartos Sarah Elizabeth Bealer Lvnn Sara Bechtol\*\* Veronika Belenkava Alexis Below Kristin Gillan Beyard Poorna Bhattacharjee Susanne Bohm-Langford Hristina A. Borisova Nicholas Stephen Borst Neil Bouhan\* Thomas Vaughan Bowen Phillip Reynolds Bowlby\* Edward Francis Branagan\*\* Christopher Brandt Ellen Michelle Bray Natalie Elizabeth Breen Ryan Spencer Brier Benjamin Bryan Travis Jonathan Bryan Meghan McMunigal Burland Bradley Thomas Bush\*\* Stephen Alexander Byeff Jase Jonathan Martin Cabrera\*\* Geoffroy Cailloux Silas Cardwell\*\* Aurora Brita Carlson\* Roberto Maurizio Carrion\*\* Andre Joaquin Castillo\* Luca Cavallini Jeremy Yue-Kei Chan\*\* Edgar Iván Chávez Sánchez Worawut Chawengkiat Kathleen Maria Chekan Sheena Cheong Cordelia Adda-Marie Hjerno Chesnutt Bhavana Chilukuri Tiffany Diana Chow Peter John Christeleit Neal Bruce Christiansen Kee Hoon Chung Leann Chapleau Clark Spencer Wilkin Clark Magaly Annabelle Clavijo\* Beau Darl Cleland Lauren Gabrielle Cohen Joshua James Colvin

\*Degree conferred August 27, 2010 \*\*Degree conferred December 30, 2010

Katharine L. Coolev Robert McCahill Cowden Whitney Carlen Cox Elia Cusimano Daniel Luke-Wilson Cutherell Laurence De L'Escaille Jean Pierre De Roux Amy Chervl Deckelbaum\*\* Tiffany Frances Denman Tommaso D'Ercole Bella Dinesh Desai\* Emilee Meredith Zox Deutchman Izumi Mitzi Devalier Lena Diesing Kirk Edward Donahoe Brandon Richard Dorman Stephen Harsen Doyle Kami MeiLee Michelle Dozier Stephanie Eder Elizabeth Hunter Eiseman Paul Plummer Elliott Ralph Ruben Emmers\* Allison Elizabeth Fajans-Turner Patrick William Falwell Sarah Mercer Farnham Orofisola Fasehun Dana Kimberly Fassler\*\* Andrew Philip Fennell Iris Anneva Ferguson Eva Festl Nikolay Lazarov Filchev Nicole C. Firment Patrick W. Flanagan George Seward Fleeson III Ashleigh Martina Flesher **Robert William Folley** Signe Fosgaard Thomas Devin Foxall Alberta Noemi Franzese\*\* Jennifer Ann Frias\* Sebastian Barnet Fuchs Meredith Marie Gaffney Benjamin Patys Gage Stellina Galitopoulou Benjamin Noah Gedan Yinuo Geng Nizar Mahmoud Ghanem Charles Lee Gillig Ramona Anant Godbole Katherine Elizabeth Grau Guthrie Alexander Gray-Lobe Emilie Jean Greenhalgh Stammer Mitko L Grigorov

Iarret Alan Guaiardo Roxana Paula Ferreria Guevara Matthew Daniel Nathan Hale Kristen Ann Handlev Catriona Elspeth Hanks Miles Christian Hansen Nathan Richard Hansen Mark Andrew Hanson Danica Hanz Katherine Marie Hardeman\*\* Elizabeth Thea Harrington Allison R. Hart Katherine St. John Harvey Sean Michael Healey Stephan Alexander Heidenhain Brianna Held Sarah Elizabeth Hexter Bartley Thompson Higgins Liesl Kristen Himmelberger Liana Lim Hinch Fabio Hirschhorn Travis Carder Hobbs Isabel Barbara Hofmann Joshua Evan Johnston Holland Yana Hongla Dennis Scott Hood Hillary Hosford\* Hui Jun Tina Huang\* Evan Bradley Hume Andrea Armando Iorio Vassilena Plamenova Ivanova Allison Ann Jacobs John Willand Jacobsen Kari L. Jaksa Marjolein Janmaat Adam Bennett Jarczyk\*\* Patawee Art Jirut Cara MacKenzie Jones Naureen Shahnaz Kabir Theodore Andrew Kahn George Paul Kalantzakis Mutsa Ruby Karimakwenda Joan Kato Daniel Zachary Katz Stephen Kausek Mary Rebecca Keller Florent Kervazo Jehan Mahin Khaleeli Solmaz Khorsand Vijay Khosa Duk Hwan Kim Hyearyun Kim Jane Kim

Mee Jung Kim Regina Kim Soo Jin Kim Soo Won Kim Soo Kook Kim Juliana Marie Knapp Tanya Demetra Konidaris Maria Anna Kopyta Stamatis Kotouzas Jeta Krasniqi Kinga Margit Krisko Lindsay Alanna La Forge Stephanie Alexis Lambert Alexander Jacob Lanfried Mary Elizabeth Langan Amber Dhana Latner Eric Gian Hung Lee Hyo Jin Lee\*\* Ji Hyun Lee Tatia Lemondzhava David Aaron Leonard James Joseph Lerch Jessica Jane Leslie Kiera Bowe Lichter David James Lighton Jennie I. Lin Allison Sara Lindenberg\*\* Lisa Hannah Lindgren Rebekah Eve Lipsky Christopher C. Liu Myoung-jin Liu Nicolas Lizop Stephanie Locatelli Cara Louise LoFaro Arif Shabbir Lokhandwala Grant Miller Long\*\* Jerrod L. Lowmaster Sophie Lu Philipp Lustenberger Robert Michael Lyons Jr. Yudai Maeda Erica Guerrero Magallon Anthony Joseph Magrogan\*\* Rahul Mahajan\* Robyn Wai Lim Mak Levla Yadigar Mammadli Ponciano Quesada Manalo Julia Manchin Noah Sturgis Mann Anthony Mansell Daniel Ari Marks\*\* Lani Lee Marsden Antonio Martinez

Todd Matthew Martinez Mihoko Matsubara Cena Maxfield Alissa Paula Mayer Darin Simeon McAnelly Roger Earl McArver Daniel James McCleary Peter George McConaghy Jeanne Elizabeth McDonnell Emily Rose McRae Andrew Francis Meaux Sergio Antonio Dos Santos Meireles Emily Mae Barnes Mendrala Maximilian Leopold Meran Sarah Mercadante Meghan E. Mercier\* Jeffrey Sherman Meyer\*\* Karen Kimberly Miller Jason Fahr Mills\* Sanan Mirzavev Valerie June Mock Amanda Lynn Moderson-Kox\*\* Arta Moeini David Philips Moore\* John Moran Sarah Main Morgenstern Gozde Morkoc Christopher Morrill Catherine Eugenie Morris Sébastien Morvan Ruth Abigail Mower Amina Muhtar Kumiko Murata Maiko Nakagaki Ryoko Nakano Sharon Stone Nakhimovsky Dina Nawas Naoko Nemoto Diem Nguven Dominic Thuan Nguyen\* Joshua Reese Nickell Gunta Niparte Yuki Nishida Tomoyuki Nishiura Monika Noniewicz Elizabeth Lott Norris Elizabeth C. Notides Marguerite Anne Nowak Ketevan Nozadze Margaret Rachel O'Connor Atteno Oduor Julia Burr Oliver

Raquel Orejas Tagarro Brian Gabe Orland James Joo-Hyoung Pai Daniel Palazov Campbell Palfrey IV\*\* Kristen Florence Pappas Jason Y. H. Park Koustubh Parulekar\*\* Niraj R. Patel Xiaoxiao Peng Anika Michelle Penn\*\* Samantha Marie Perry Eric Persson Paul James Peters Jean-françois Peyronnard Kirsten Elizabeth Pfeiffer Steven Anthony Phillips Sonia Pinto\* Shiva Polefka Elena Leonidovna Ponyaeva Jason Randolph Potell Bryan James Prior\* John Iwan Probyn Mridula Shana Ramdarshan Elisabeth Resch Thomas Merrill Rickers Salina Rico Marcel Valdis Ricou Francis Conor Riggs Vienna Marie Robinson Ranieri Portilho Rodrigues\*\* Alicia Marie Romano Meredith Venita Ryder-Rude Mark Anthony Saavedra\*\* Awidya Santikajaya Mariya Savchuk\*\* Valentina Savioli Iulia R. Schiff Julia Christine Schilling Daniel Morris Schneiderman Vincent Edward Schoeck Eric Schroeder\*\* Thilo Schroeter Davide Scigliuzzo Stephan Barron Seabrook Monica Maria Sendor Dahye Seo Elberta Lynn Seybold Caroline Seyfarth Jamie Ann-Marie Shellenberger Sophie Mikal Shulman Joel Levi Singerman\* Ravi Singh

Alexander James Ross Skinner Edward R. Slavis Michael Riley Smith Miluska Tejada Smith\*\* Van Franklin Smith Matthew Wymer Sollenberger Jung Hwa Song Jared L. Sorhaindo Mario Andres Soto Christopher W. Southwick Sarah Sparker Boyan Ivanov Stanoev Michael Bernard Stanton-Geddes Moran Stern Meredith Strother Street Emily Cristina Suarez-Harris\* Nadine Kathleen Szablya\* Ivan Nikolas Szpakowski\*\* Monika Sztajerowska Karen Tang Nathaniel Chandler Taplin\* Sara Carmen Taylor Antonio Timoner Salvá Taylor Clark Tinney\*\* Luakena Arthur Tolbert Mikela Nicole Formento Trigilio Vinay Shankar Tripathi Lindsay Noelle Tronsrue Ryo Tsuzukihashi Christopher Michael Turillo\*\* William Palmer Upshur\* Robbert Bernardus Gerardus van Eerd Angela Rae Vannucci Bryan Joseph Vasek Karina A. Veras Bastiaan Johan Verink Stephan Nestor Vitvitsky Jonathan Corman Vogan Timo Graf von Koenigsmarck Abby Elizabeth Wakefield Yanan Wang Mia Warner Katherine Marguerite Weber Nicholas Coe Wexler Andrew A. Whitworth Lauren Suzanne Willard Lindsay Brooke Wilner James Scott Wilson Tina Ting Yuk Wong Siyuan Xie Aaron Andrew Young

Braeden Paul Young Wallis Jean-wen Yu Sarah Kim Yun Selma Zahirović Alfredo Raymond Zarate Lewen Zhou Kenneth Donald Zoeller Andrew Joseph Zvirzdin\*\*

## Masters of Arts in International Affairs

Valeria Calderoni Anna Fritzsche Barbara Pfister

## Masters of International Public Policy

Caroline Adenberger Niels Annen Gihane Askar\*\* Marie Marguarite Aughenbaugh\*\* Andras Tibor Bacsi-Nagy\*\* Michael Richard Bailey Bruce Cameron Belliveau\* Casiano Lopes Francisco Benicio Richard T. Bew Joseph Carlton Bilbo James William Carden\*\* Maribel Martha Cherres Wedemeyer Pooja Churamani Siobhán Seánie Patricia Comerford\*\* Shane W. Corcoran Mahasti Dadressan David Peter Diamond Aurora Ingersoll Fleming Diantha B. Garms Heinrich Miki Hanada Lisa Lyn Hanson Curtis John Harris Mahnaz M. Harrison\*\* John David Henderson\*\* James Daniel Hoddell\* Alfredo Idiarte Dave Kidney\*\* Kwenton Kambridge Kuhlman Katarina Lesandric **Ruey Ping Lin** 

Kyle Brandon Marcrum Ethan Edward McAfee\*\* Iain Lael McConnell Scott Deen McLearn Rene Megela Gilbert A. Mendez Andrew L. More O'Ferrall\*\* Anna Rose Owenna Morgan Edgardo Mosqueira Medina David Edward Murphy\*\* Christopher Sean Musselman George Arfa Noel-Clarke John Barba Pacheco Jacob Anthony Padilla Andrew J. Petrucci\*\* Nicholas Phan Erland Pison Janelle L. Poldy Michael Jason Ponchak Christopher Lennox Rapp Jeremy Reves Paul Nathan Schwartz Jason Thomas Self Niyati Shah\*\* Raghavan Srinivasan Margaret Wight Stonehouse Wei Sun Michael Richard Taylor William Raymond Torrey Alireza Vaezzadeh Maria Cecilia Villegas Otero Christoph Von Toggenburg Carolyn Ward Sumont Wisartsakul\*\* Calita Machelle Woods\*\*

## THE SCHOOL OF MEDICINE

#### Masters of Science

Olayinka Adedayo Ajayi, *Health Sciences Informatics.* Eric Kai Hong Chow, *Applied Health Sciences Informatics.*\*\* Pammie Reneé Crawford, *Health Sciences Informatics.* Elyse Lasser, *Applied Health Sciences Informatics.*\*\* Mwa-Mur Ntayingi, *Applied Health Sciences Informatics.* Paulina Sockolow, *Health Sciences Informatics.* 

<sup>\*\*</sup>Degree conferred December 30, 2010

#### Masters of Arts

Jonathan Matthew Chang, Neuroscience. Jodi Elise Chapman, Medical and Biological Illustration. Chung Huu Dang, Molecular Biology and Genetics-Program in Immunology.\*\* Bona Kim, Medical and Biological Illustration. Andrei Levin, Program in Molecular Biophysics.\*\* Daphne Jane Macapagal, Molecular Biology and Genetics-Program in Immunology. \*\* Abigail Heather Markoe, History of Medicine. Naveen Phillippe Michaud-Agrawal, Program in Molecular Biophysics.\*\* Andrew Lawrence Nelson, History of Medicine.\*\* Christine Nwosu, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology.\*\* Adam Michael Pellerite, Medical and Biological Illustration. Tara Marie Rose, Medical and Biological Illustration. Suzanne Frances Slattery, Medical and Biological Illustration. Bricelyn Hope Strauch, Medical and Biological Illustration.

#### THE G.W.C. WHITING SCHOOL OF ENGINEERING

## Post-Master's Advanced Certificates

Bassam S. Farroha, Systems Engineering\*\*
William Roberts Gray, Electrical and Computer Engineering\*
Robert Rovindra Jeremiah Jailall, Computer Science
Thomas Elisha Strong III, Computer Science\*\*

## Masters of Science in Engineering

Martin Kendal Ackerman, Mechanical Engineering Yessen Yessetovich Amirzhanov, Computer Science\*\* Michael North Anderson, Electrical and Computer Engineering Kamini Ambika Balaji, Mechanical Engineering\*\* Ajay Bapat, Computer Science\* Ehsan Basafa, Mechanical Engineering Anasuya Basu, Computer Science Graham Charles Beck, Applied Mathematics and Statistics Nitesh Bhatter, Computer Science\*\* Seth Daniel Billings, Computer Science\* Da Bo, Geography and Environmental Engineering Alla Brafman, Chemical and Biomolecular Engineering\* Alex James Burtness, Mechanical Engineering Yuan Cao, Electrical and Computer Engineering Michael Anthony Carlin, Electrical and Computer Engineering Douglas Charles Carlson, Computer Science\*\* Juan Chen, Civil Engineering\*\* Richard Jenhau Chen, Materials Science and Engineering Xiang Chen, Mechanical Engineering\* Derek Cheng, Materials Science and Engineering Tze-Yuan Cheng, Mechanical Engineering Elizabeth Ann Congdon, Mechanical Engineering Francisco Jose Contijoch, **Biomedical Engineering\*** Jonathan Steven Cooper, Geography and Environmental Engineering Robert O'Neal Copeland,

Computer Science\*\*

Sachin Kumar Danehalli Purushotham. Computer Science\* Ankan De, Geography and Environmental Engineering Anoop K. Deoras, Applied Mathematics and Statistics\*\* Anoop K. Deoras, Electrical and Computer Engineering Nishikant Deshmukh, Computer Science Wilbur Sywei Doun, Computer Science\*\* Robert Reilly Doverspike, Computer Science Ran Duan, Computer Science Ehsan Elhamifar, Applied Mathematics and Statistics Fatma Elzahraa Abdelrahman Elshahaby, Electrical and Computer Engineering Yiju Fang, Computer Science Jianqiao Feng, Electrical and Computer Engineering Nishant Gandhi, Chemical and **Biomolecular** Engineering Jurij Ganitkevic, Computer Science Phani Srikar Ganti, Computer Science Adam Lewis Gerber, Computer Science Joshua Michael Greenspan, Applied Mathematics and **Statistics** Liheng Guo, Biomedical Engineering\* Lin Guo, Mechanical Engineering\*\* Javant Ajit Gupchup, Applied Mathematics and Statistics Anjali Gupta, Geography and **Environmental Engineering** Neil Forrest Hallonquist, Applied Mathematics and **Statistics** Timothy Han, Electrical and Computer Engineering\*\* Ryan James Hearty, Electrical and Computer Engineering Ji Yeon Hong, Geography and Environmental Engineering Jakir Hossain, Electrical and Computer Engineering\*\*

Doanwhey Alexander Hsieh, Electrical and Computer Engineering Qitong Hu, Computer Science Yuxuan Hu. Biomedical Engineering\* Luwei Huang, Electrical and Computer Engineering Shuai Huang, Electrical and Computer Engineering Heather Ann Hunter, Geography and Environmental Engineering Khanh An Huynh, Geography and Environmental Engineering\*\* Ehsan Jahangiri, Electrical and Computer Engineering Rozita Jalali Farahani, Civil Engineering Xueving Ji, Applied Mathematics and Statistics\*\* Min Yang Jung, Computer Science\*\* Hvun Jae Kang, Computer Science\* Harshita Pradeep Karande, Computer Science Gökhan Karapinar, Electrical and Computer Engineering Urvashi Kathuria. **Computer** Science Emine Merve Kava, Electrical and Computer Engineering Michael Dennis Keung, Chemical and Biomolecular Engineering Hamid Reza Khakpour, Mechanical Engineering\*\* Jamil Khan, Geography and Environmental Engineering Anish Khanna, Computer Science\*\* Wansik Kim, Mechanical Engineering\* Mexander Scott King, Computer Science\*\* Keith Russell Kintzley, Electrical and Computer Engineering\*\* Brian Hillard Kjersten, Electrical and Computer Engineering Arun Kumar, Computer Science

Chieh Lee, Electrical and Computer Engineering Ethan T. Lee, Chemical and Biomolecular Engineering\* Kwang-Sig Lee, Applied Mathematics and Statistics\*\* Sangjune Laurence Lee, Biomedical Engineering\* Brian S. Letzen, Biomedical Engineering\* Heshan Li, Computer Science Jixin Li, Electrical and Computer Engineering\*\* Ting Li, Biomedical Engineering\*\* Wen Pei Liu, Computer Science Christophe Hiroki Locussol, Civil Engineering Blake Criswell Lucas, Computer Science\*\* Ryan Ly, Computer Science\*\* Mahmoud M. Mahmoud, Computer Science Ann Majewicz, Mechanical Engineering\*\* Matti Veikko Kalevi Mäkelä, Mechanical Engineering Poorva Malviya, Computer Science Daniela Cristina Martinez, Geography and Environmental Engineering Kevin Andrew Mazurek, Electrical and Computer Engineering\*\* Matthew Owen McGlone, Computer Science\*\* Sean Patrick McVeigh, Electrical and Computer Engineering Khatoon Melick, Civil Engineering\*\* Alexander Michael Miller, Electrical and Computer Engineering Jodi June Min, Chemical and Biomolecular Engineering Krithika Mohan, Electrical and Computer Engineering Jaewon Moon, Materials Science and Engineering\*\* Daniel Glen Mulreany, Biomedical Engineering\* Francisco David Muñoz, Geography and Environmental Engineering

Heba Mustufa, Electrical and Computer Engineering\*\* Rachel Lynn Myirski, Geography and Environmental Engineering Ruma Nair, Computer Science\*\* Alyson Helena Nickols, Chemical and Biomolecular Engineering\*\* Alireza Nojavan, Civil Engineering\*\* Christopher William O'Brien, Mechanical Engineering Erika Lynne Ohsfeldt, Chemical and Biomolecular Engineering\* Adeniyi Adeolu Olunuga, **Computer** Science Kenneth O'Young, Chemical and Biomolecular Engineering Henry Pao, Computer Science Krista Kathryn Paredes, Geography and Environmental Engineering Carolyn Jean Park, **Biomedical Engineering** Minesh Girishkumar Patel, Computer Science Kailash Patil, Electrical and Computer Engineering Kyle Petrowski, Electrical and Computer Engineering\*\* Marc David Porosoff, Chemical and Biomolecular Engineering\* Abhishek Prakash, Computer Science Shashi Prakash, Computer Science\* Jessica Rachel Pransky, Geography and Environmental Engineering Bhuvan Puri, Computer Science\*\* Sudarshan G. Ramenahalli, Electrical and Computer Engineering Rakesh Ramineni, Computer Science\* Delip Gopala Rao, Computer Science Bisakha Ray, Computer Science Taylor Jonathan Reese, Mechanical Engineering\*\* Joseph Angelo Russino, Mechanical Engineering\*

Mohamed Sakeeb Sabakka,

Computer Science\*\*

Andrew Evan Schweitzer, Geography and Environmental Engineering\*\* Shahin Sefati, Mechanical Engineering Shivam Anjay Shah, **Biomedical Engineering** Kunal Kamlesh Sheth, Computer Science Changji Shi, Electrical and Computer Engineering Jessica Chia-Hsuan Shiao, Geography and Environmental Engineering Abhishek Shreevats, Computer Science Manveer Singh, Computer Science Hari Singhal, Biomedical Engineering\*\* Joshua Zvi Skolnick, Mechanical Engineering Michael Joel Benjamin Spector, Materials Science and Engineering Patrick James Stahl, Materials Science and Engineering\* Valentina Mihaylova Staneva, Applied Mathematics and Statistics\*\* Yuanming Suo, Electrical and Computer Engineering William George Sutey, Electrical and Computer Engineering Andrew Coy Tagoe, Geography and Environmental Engineering\*\* Elaine Tan, Biomedical Engineering\*\* Xiaoving Tang, Electrical and Computer Engineering Bianca Tayina Tardieu, Geography and Environmental Engineering Alexandre S. J. Thibau, Mechanical Engineering Seth Daniel Tibbitts, Civil Engineering Matthew Steven Trachtenberg, **Biomedical Engineering** Pankaj Trivedi, Computer Science\*\*

Amit Kumar Saraff,

Shreya Saxena,

Computer Science

**Biomedical Engineering** 

Ashish Tulsiani, Computer Science Erin Lee Tush, Geography and Environmental Engineering\*\* Ehsan Variani, Electrical and Computer Engineering Kinshuk Varshney, Computer Science Meghan Rose Vellotti, Mechanical Engineering\*\* Claire Margaret VerHulst, Mechanical Engineering Pramod Kumar Verma, Computer Science\*\* Varun Vikram, Computer Science Christopher Roy Von Dollen, Chemical and Biomolecular Engineering Walter Scott Wall, Electrical and Computer Engineering Huapeng Wang, Electrical and Computer Engineering Shaopeng Wang, **Computer** Science Sheng Wang, Geography and Environmental Engineering\*\* Sho-Yu Wang, Chemical and Biomolecular Engineering\*\* Xiaolan Wang, Applied Mathematics and Statistics\*\* Xin Wang, Computer Science\*\* Xinpeng Wang, Computer Science Yung-li Wang, Geography and Environmental Engineering\*\* Ziyuan Wang, Electrical and Computer Engineering\*\* Jonathan David Weese, Computer Science Shane Devertt Woolwine, Computer Science\* Dan Wu, Biomedical Engineering Weilei Wu, Electrical and Computer Engineering\*\* Rui Xiao, Mechanical Engineering Yibin Xie, Biomedical Engineering\*\* Fangxu Xing, Electrical and Computer Engineering Di Xu, Biomedical Engineering\* Gigi Yikgee Yam, Chemical and Biomolecular Engineering\*\* Ning Yan, Computer Science\* Zhen Yang, Electrical and Computer Engineering Shengzhe Yao, Computer Science Jen-hung Yu, Computer Science

\*Degree conferred August 27, 2010 \*\*Degree conferred December 30, 2010 Aasiyeh Mariam Zarafshar, Chemical and Biomolecular Engineering\*\* Jing Zhang, Electrical and Computer Engineering Yuanfan Zhang, Biomedical Engineering\*\* Chongyang Zhao, Geography and Environmental Engineering Rui Zhao, Computer Science Chengi Zhou, Civil Engineering Luwei Zhou, Applied Mathematics and Statistics Cynthia Nancy Zingale, Civil Engineering\*

## Masters of Science in Engineering in Bioengineering Innovation and Design

Elias G. Bitar, **Biomedical** Engineering Maxim Budyansky, **Biomedical Engineering** Christopher Ker-Way Chiang, **Biomedical Engineering** Shoval Dekel, **Biomedical Engineering** Haim Gottfried, **Biomedical Engineering** Sherri Jane Hall, **Biomedical Engineering** Yuan-Ping Li, **Biomedical Engineering** Matthew Stephen Means, **Biomedical Engineering** Sean Eamonn Monagle, **Biomedical Engineering** Shishira Nagesh, **Biomedical Engineering** Mary Katherine O'Grady, **Biomedical Engineering** Neil Shah, **Biomedical Engineering** Thora Thorgilsdottir, **Biomedical Engineering** Peter Hwa-ming Truskey, **Biomedical Engineering** James Chaffin Waring III, **Biomedical Engineering** 

#### Masters of Science in Engineering in Financial Mathematics

Jie Chen, Applied Mathematics and Statistics\*\* Ngong Chiu Sunny Kam, Applied Mathematics and **Statistics** Young Nam Kim, Applied Mathematics and Statistics\*\* Mo Li, Applied Mathematics and Statistics\*\* Shuang Liang, Applied Mathematics and Statistics\*\* Chenyue Liu, Applied Mathematics and Statistics\*\* Dimitrios Mytilinaios, Applied Mathematics and Statistics\*\* Jianling Wang, Applied Mathematics and Statistics\*\* Abraham Woldemichael. Applied Mathematics and Statistics\*\* Yandi Yao, Applied Mathematics and Statistics\*\* Eugene Koon Yue Young, Applied Mathematics and Statistics\*\* Kan Zou, Applied Mathematics and Statistics\*\*

#### Masters of Science

Billy R. Abercrombie, Computer Science Jinifer Blane Ables, Technical Management Douglas Philip Abrams, **Computer** Science Kwabena Addai, Information Systems Engineering\*\* Lijuan Yan Ahern, Technical Management\*\* Peter Ahn, Applied and Computational Mathematics Claire E. Allen, Computer Science Gian Antonio Alvarez-Blanes, Computer Science\*\* Lynne Marie Ambuel, Systems Engineering Erik H. Anderson, Technical Management\*\*

Tyleen Maria Andrade-Roth, Technical Management\*\* Mathews Antony, Electrical and Computer Engineering Taimur S. Awan, Technical Management\*\* Antony Micheal Baca, Electrical and Computer Engineering Daniel Charles Bach, Applied and Computational Mathematics Michael Edward Baer, Systems Engineering\*\* Neil Bahadur, Information Assurance\*\* Christopher Wyatt Baird, Computer Science\* Amandeep Singh Bakshi, Computer Science\*\* Christopher Benjamin Balane, Computer Science Michael Eujun Bang, Computer Science\* Courtney Anita Banks, Systems Engineering\*\* Michael Rylan Bann, Security Informatics\*\* Jarred Paul Barber, Computer Science\*\* Benjamin Eric Barnhart, Systems Engineering\* Christopher Thomas Bates, Systems Engineering Corina Catherine Battista, Technical Management Tewodros Tesafa Belay, Systems Engineering Lucas Purdy Belford, Applied and Computational Mathematics\* Sean Patrick Bell, Electrical and **Computer** Engineering Neill Bryant Beltran, Electrical and Computer Engineering\* Neil Benar, Systems Engineering\* Michael Bradley Benham, **Environmental Engineering** and Science Habib Boyajian Benjamin, **Computer** Science Megan Elizabeth Berg, Environmental Engineering and Science

Michael W. Bertosh, Computer Science\* Alexander Bertram, Applied and Computational Mathematics Thomas William Betts. Systems Engineering Pallavi Ajay Bhale, Applied and Computational Mathematics Nitin Bhardwaj, Security Informatics Aumber Singh Bhatti, Systems Engineering\*\* Edward Joseph Bindl, Computer Science Stephen Matthew Bjerkaas, Applied and Computational Mathematics\* James Robert Black III, Systems Engineering\*\* Joseph Andrew Blank, Computer Science\* Patrick S. Blevins, Electrical and Computer Engineering Lisa Margaret Blumenberg, Computer Science Giselle Marie Bonilla-Ortiz, Systems Engineering Jennifer Angela Bonney-Ray, Systems Engineering Sylvan Bonsignore Burch, Environmental Planning and Management Mark Andrew Bossard, Electrical and Computer Engineering\* Weston Ryan Boyd, Computer Science James Walter Boyle, Computer Science\*\* Layne Hyer Bradley, Applied Physics\* Paul Neil Brooks, Systems Engineering\*\* Andrew Laurence Brown, Applied and Computational Mathematics\*\* Patricia Ashley Brown-Harris, Applied and Computational Mathematics Matthew L. Brubaker, Computer Science Jeffrey Brunet, Systems Engmeering

James Bradford Burns, Systems Engineering\*\* Daniel Burrell III, Systems Engineering Victoria Palma Butler, Technical Management Paul David Butterfoss, Technical Management Patrick T. Callahan, Electrical and Computer Engineering\* James Cantrell, Systems Engineering\* Mary Flor Cardenas, Environmental Engineering and Science Bliss George Carkhuff, Electrical and Computer Engineering Jason M. Carey, Computer Science\* Andrew Carney, Computer Science Larry Lamar Carter Jr., Electrical and Computer Engineering Larry Wayne Carter, Electrical and Computer Engineering\*\* Eric Edmund Case, Applied and Computational Mathematics\* Jenny Marie Castellano, Technical Management Neil Castine, Computer Science Kafu Lieu Chau, Computer Science Hongru Chen, Geography and Environmental Engineering\*\* Sijie Chen, Geography and Environmental Engineering\*\* Adrien Olivier Cheval, Security Informatics\*\* Marc Edward Chiesa, Computer Science Sang Il Choi, Electrical and Computer Engineering\* Raj Kumar Chopra Jr., Information Systems and Technology\*\* Ronald Ciano, Electrical and Computer Engineering\* Allison Marie Cimaglia, Systems Engineering\*\* Michael John Ciotti, Systems Engineering Julia Anne Cole, Geography and Environmental Engineering

Kristina Reneé Colladay, Applied Physics Arnaldo J. Colon, Systems Engineering Bret Alan Combs, Technical Management\*\* Heinzdell H. Conate, Systems Engineering James Michael Conway, Systems Engineering\*\* Thomas Francis Cooper, Technical Management John Edward Cordova, Applied **Biomedical Engineering** Joshua Rajiv Cornelius, Applied **Biomedical Engineering** Joshua Rajiv Cornelius, Applied Biomedical Engineering\* Christopher Michael Cornell, Information Systems Engineering Brian Irvin Cornwell, Information Systems Engineering\*' James Edward Corrigan, Systems Engineering Hope Jennifer Corsair, Geography and Environmental Engineering\* George Leonidas Coulouris, Applied and Computational Mathematics\*\* James David Crockett, Electrical and Computer Engineering\*\* Sean D. Crouch, Environmental Engineering and Science\* James Joseph Dalo, Systems Engineering Aaron Matthew Dalton, Applied and Computational Mathematics\*\* Benjamin Elliott Daniels, Computer Science Michael Roy Dapra, Electrical and Computer Engineering Michael Dauberman, Electrical and Computer Engineering\*\* Natalie Marie Davila-Rendon, Systems Engineering Milton Clarence Davis, Technical Management Roger Andrew Davis,

Systems Engineering\*\*

Jeffrey Jon DeMerchant, Technical Management Benjamin Jared Demick, Electrical and Computer Engineering\* Cynthia Elizabeth Denchfield, Systems Engineering Kunal Anil Desai, Computer Science\*\* Manuel Castro Dimatulac, Electrical and Computer Engineering\* Tam Quang Dinh, Applied Physics Yuri Sato Dinh, Computer Science\*\* Leonard M. Domzalski, Computer Science Jonathan W. Doughty, Systems Engineering Anisha Jeanette Downs, Environmental Planning and Management John Matthew Doyle, Security Informatics\*\* Paul George Drever, Computer Science\* Melody Grace Drum, Information Systems and Technology\* Joseph A. Duperre III, Electrical and Computer Engineering David Michael Durose, Information Systems and Technology\*\* Christine Angela Edwards, Applied Biomedical Engineering Inemesit Okon Ekong, Information Systems Engineering\*\* Nabil Abdel-Meguid El-Hinnawy, Applied Physics Benjamin Franklin Elkins III, Computer Science Aaron Michael Ellis, Systems Engineering Stephen Alexander Engler, **Computer** Science Joseph Anthony Enke, Electrical and Computer Engineering\* Jaime Shay Erickson, Systems Engineering Nathanial Joseph Ernst, Systems Engineering

Systems Engineering Javita Danielle Everhart, Systems Engineering Michael Chu Fan, **Computer** Science Vincent Fang, Computer Science Julie Louise Farmer, Computer Science\*\* Timothy Riley Farmer, Systems Engineering\*\* Umar Farooq, Applied Physics Olufemi Akinmayowa Fawehinmi, Electrical and Computer Engineering\* Joseph Patrick Feehan, Technical Management\*\* David S. Ferguson, Computer Science\*\* Monica Anne Balod Fernandez, Systems Engineering\*\* Nicholas Alexander Ferris, Systems Engineering Carson Fields, Information Systems Engineering\* Dominic Michael Fisher, Electrical and Computer Engineering John A. Fletcher, Systems Engineering\*\* Mitchell L. Flowers, Electrical and Computer Engineering Aaron James Ford, Electrical and Computer Engineering\*\* Mark Matthew Fox, Systems Engineering\*\* Landon Kines Fraser, Computer Science Eric B. Freitag, Applied and Computational Mathematics\*\* Alexander James Frey, Computer Science Joseph E. Friedel, Electrical and Computer Engineering\*\* Jason Michael Frost, Applied and Computational Mathematics Gretchen L. Frye, Information Systems and Technology Bipin Gajbhiye, Security Informatics\*\* Andrew Paul Gallerstein,

Technical Management\*

Richard Phillip Espino,

\*Degree conferred August 27, 2010 \*\*Degree conferred December 30, 2010

Francisco Galletti, Technical Management\*\* Jaime Garza, Information Systems Engineering Andrew Harry Gatanas, Systems Engineering\* Eugene D. Geddes, Applied and Computational Mathematics\* Jason Karl Geist. Technical Management\* Shavne Brian Gerber, Applied Physics\*\* Mitchell J. Gersten, Computer Science Srijita Ghosh, Electrical and Computer Engineering\* Adam Gilbert, Electrical and Computer Engineering\*\* Julie Gillespie, Technical Management Matthew Gilman, Computer Science\*' John Steven Glaros, Electrical and Computer Engineering\*\* Jeffrey Robert Gleeson, Electrical and Computer Engineering\*\* Lisa Joann Gleeson, Electrical and Computer Engineering\*\* Andrea Lynn Glinka, Information Systems Engineering Indre Goble, Information Systems Engineering\*\* Paul Gofran, Computer Science Matthew Craig Gonce, Systems Engineering\*\* Sloan Thomas Gonzales, Systems Engineering\*\* Kaliksa Sara Gooch, Technical Management Jeremy Carlton Graham, Electrical and Computer Engineering\* Timothy Philip Gramiccioni, Electrical and Computer Engineering Kristy Michelle Grant, Electrical and Computer Engineering\*\* Random Gwinn, Information Assurance Lori Haberman, Computer Science\*\*

Rvan Thomas Hacala, Computer Science Jason Ryan Harper, Electrical and Computer Engineering John Edward Havran. Applied and Computational Mathematics Allison Marie Healey, Applied and Computational Mathematics Emily Klemm Hebeler, Applied Biomedical Engineering Gregory Phillip Hein, Applied and Computational Mathematics Blair Francis Heiserman, Information Systems Engineering\*\* Lamont Decamp Henderson, Systems Engineering\* Lisa Eleanora Henderson, Technical Management\*\* Joseph Hennawy, Electrical and Computer Engineering\*\* Allison Lorraine Silva Henrickson, Systems Engineering Renato Drapki Henriques, Systems Engineering Keith William Hensley, Systems Engineering Armin Darius Heravi, Systems Engineering\*\* Brian Patrick Hickey, Systems Engineering\* Christopher John Hilchey, Electrical and Computer Engineering Tyson Kenneth Hill, Technical Management\*\* Barbara Valerie Hirsch, Systems Engineering\*\* Robert C. Hite, Computer Science\* Hoi Ming Ho, Information Systems Engineering\*\* Kevin G. Hockett, Electrical and Computer Engineering Vincent Michael Hodges, Electrical and Computer Engineering Keith Lynwood Holland,

Technical Management\*\*

Kenneth Raymond Honecker, Technical Management Jarrod David Hoover, Information Systems Engineering\*\* John Horne, Electrical and Computer Engineering\*\* Eric Nathan Horowitz, Applied **Biomedical** Engineering Michael Jonathan Horr, Systems Engineering Reem Ibrahim, Environmental Planning and Management\*\* Brian Simmons Iglehart, Technical Management Ifeanyi Igwulu, Technical Management\*\* Michael Thomas Ince. Information Systems and Technology\* Aziz Iqbal, Electrical and Computer Engineering\*\* Liv Kristin Isham, Environmental Planning and Management Daniel Peter Ivovich, Computer Science Sivasankaran Iyer, Information Systems and Technology\*\* Robert William Jackson, Systems Engineering\*\* David M. Jacobson, Computer Science\*\* Christopher Nicholas Jais, Technical Management\*\* Mainuddin Jangi, Systems Engineering Brooke Cherie Belcher Jarboe, Applied and Computational Mathematics Bryan Robert Jeffrey, **Computer** Science Danielle Denise Jenkins, Information Systems and Technology Faisal Jilani, Technical Management\*\* Justin Emerald Victor Jochum, Systems Engineering Lars Daniel Johanson, Electrical and Computer Engmeering Bryan Anthony Johnson, Computer Science\*\*

Applied Physics\*\* Scott Christopher Johnson, Computer Science Austin Lavell Jones, Computer Science Eli Ashton Jones, Technical Management Wilmer Justiniano, Systems Engincering Justin E. Karimi, Information Systems and Technology\*\* Adam Blair Kashlak, Applied and Computational Mathematics Michael Zadok Katz, Electrical and Computer Engineering\*\* Austin Thomas Keeley, Computer Science Michael J. Keith, Computer Science\* Schuyler Lee Kellogg, Computer Science\*\* Scott Thomas Kelly, Computer Science Christina Kennedy, Computer Science\* Hansa Keswani, Geography and Environmental Engineering\*\* Iltaf Muhammad Khan, Systems Engineering\*\* Shakila Akhtar Khan, Systems Engineering Nirdhar Prabhaker Khazanie, Computer Science\* Jae Min Kim, Computer Science\*\* Stephen Junho Kim, Electrical and Computer Engineering\* Sean Richard Kirn, Electrical and Computer Engineering\* George Edward Knotts, Technical Management Navpreet S. Kohli, Technical Management David Milton Kohn, Computer Science\*\* Lara Nicole Kopf, Systems Engineering\* William Louis Korsen, Techmal Management\*

Christopher Thomas Johnson,

Katie J. Koslucher, Systems Engineering Sarah Frances Kozik, Electrical and Computer Engineering\*\* Michael Donald Kreisher, Information Systems Engineering Chana Marla Kuhns, Applied and Computational Mathematics\* Frederick Hugo Kukelhaus, Environmental Planning and Management Jaryk John Kuzel, Technical Management\*\* Jonathan Noel Laguardia, Computer Science\*\* Erin B. Lal, Electrical and Computer Engineering\* David Stephen Lancaster, Systems Engineering Ryan Michael Lanman, Computer Science\*\* Douglas Kenneth Lay, Computer Science\*\* Matthew Benjamin Layman, Computer Science Dorian Raehl Leary, Computer Science Jared Alexander Lease, Computer Science Edwin Ming Yau Lee, Electrical and Computer Engineering\*\* Jong Yeon Lee, Security Informatics Scott Lee, Systems Engineering\*\* Seong Chul Lee, Computer Science\*\* Steven I. Lee, Technical Management\* Yatning Paul Lee Lee, Applied Physics Patrick Michael Leister, Computer Science\*\* Ian James Lent, Applied Biomedical Engineering\*\* Kenneth Leong, Systems Engineering David Chung Chue Leung, Computer Science\*\* Yan Li, Applied Biomedical Engineering\*

Shawn Xia Liang, Technical Management\*\* Eugene Libster, Computer Science\* Mark William Lininger, Electrical and Computer Engineering\* Ivy Shiu-Yen Liu, Information Systems Engineering Benjamin Robert Livelsberger, Information Systems and Technology Shun Lo, Systems Engineering Eric John Lomonaco, Technical Management\*\* Alex Lopez, Environmental Engineering and Science\*\* Kurt Stephen Lorenz, Systems Engineering Edwin Javier Lorenzo, Electrical and Computer Engineering\*\* Alan Sien-Choi Lum, Computer Science Sean Patrick Lynch, Electrical and Computer Engineering Donald Patrick Mackey, Applied Pbysics\* John Christopher Majewski, Electrical and Computer Engineering Michael Charles Malchiodi, Systems Engineering\*\* Katrina Michelle Mansfield, Technical Management\*\* Kelvin Maurice Marcus, Computer Science\*\* Raymond Joseph Mardini, Electrical and Computer Engineering\* Catherine Lorayne Marks, **Computer** Science Victor Abran Marquez, Electrical and Computer Engineering\*\* Alicia Marie Martin, Systems Engineering\* Paul Egan Martin, Systems Engineering Michael John Martineau, Computer Science\*\* Lowell Gregory Mason, Applied and Computational Mathematics

Greg J. Matas, Computer Science Robert Sherman Martz, Computer Science Stephen Douglas Matthai, Computer Science Ronelle Chuckie Matthews. Information Systems Engineering\*\* Jason Joseph Matusiak, Electrical and Computer Engineering Erin Noel Mayfield, Geography and Environmental Engineering Leopoldo Mancilla Mayoral, Applied and Computational Mathematics Marion Franklin McAlister, Electrical and Computer Engineering Willie G. McCallister, Systems Engineering Michael Patrick McCoy, Systems Engineering Dennis Wayne McDermitt, Computer Science\* Christopher C. McFadden, Information Systems and Technology\* Marissa Louise McGann, Computer Science\*\* Terrence Michael McGill Jr., Security Informatics Megan Donnelly McGinty, Electrical and Computer Engineering\*\* John A. McGraw, Electrical and Computer Engineering Steven Lee McNutt, Computer Science\* Marcos Andres Mejias, Electrical and Computer Engineering Lester Michael Melanson, Systems Engineering\*\* Francisco Javier Melendez Diaz, Systems Engineering Stephanie Marie Mendoza, Electrical and Computer Engineering Jason Lee Messer, Applied and Computational Mathematics\*\* Andrew Reed Mihaloew, Systems Engineering

Systems Engineering\* Iain Arthur Wallace Miller. Systems Engineering Stewart Edward Minteer, Systems Engineering Anton Joseph Mobley, Applied and Computational Mathematics\*\* Colby Edward Montgomery, Information Systems and Technology\*\* Michael Howard Moore Jr., Computer Science\*\* Michael Eugene Moran, Applied Biomedical Engineering James Vaughan Morton, Electrical and Computer Engineering\*\* Katherine Elizabeth Moss, Computer Science\*\* Todd Eric Moyer, Systems Engineering Matthew T. Musumeci, Systems Engineering Jogender Nagar, Electrical and Computer Engineering\*\* Alexander Richard Nagia, Electrical and Computer Engineering\* Ramya Natarajan, Geography and Environmental Engineering\*\* Mandy Lynn Natter, Systems Engineering\*\* Laurie Ann Nelson, Technical Management\*\* Keith Bryan Newlander, Electrical and Computer Engineering Annie Nguyen, Computer Science\*\* Duy Khang Le Nguyen, Systems Engineering\*\* Hoai-An Thi Nguyen, Electrical and Computer Engineering Khoa Dang Nguyen, Electrical and Computer Eugineering Liem Tran Nguyen, Computer Science\* Sarah Michelle Nieman, Computer Science Eyong Albert Nsoesie, Computer Science

Anjali Kochhar Milano,

Uzoma Chidiebere Nwachukwu, Environmental Engineering and Science Amy Elizabeth Oaks LoPresti, Systems Engineering\*\* Sean Robert O'Connor, Electrical and Computer Engineering\* Laura Elizabeth O'Donnell, Environmental Planning and Management\*\* Abayomi Mobolaji Olasinde, Electrical and Computer Engineering Terrance William Oliver, **Computer** Science Kenneth Allen O'Loughlin, Electrical and Computer Engineering\*\* Peter Ajiboye Olufemi, Technical Management Temidayo S. Oluwo, Information Systems Engineering\*\* Michal Jeremi Orlikowski, Applied and Computational Mathematics\* David Molter Orr, Electrical and Computer Engineering Gregory Chiazo Osefo, Computer Science Wilfredo Oteromatos, Systems Engineering\*\* Alfred Hsiao-Yu Ouhang, Systems Engineering Mark Aaron Owens, Technical Management Philip M. Owusu, Electrical and Computer Engineering\*\* David Ian Oxley, Security Informatics\*\* Maggie Anne Pan, Information Assmance\*\* Yi-Ping Pan, Systems Engineering Abhijeet V. Parandekar, Security Informatics Richard Allen Paris, Systems Engineering\* Budhi Pariyesana, Information Systems Engineering Ekta B. Patel, Computer Science Hemal Shailesh Patel, Electrical and Computer Engineering

Krishna N. Patel, Technical Management\*\* Raj I. Patel, Technical Management Jonathan Matthew Patrick, Technical Management Ossie Lee Peacock Ir., Systems Engineering Stanley Duane Pebley Jr., Systems Engineering Lindsay Sue Pierce, Environmental Planning and Management\*\* Nathaniel Andrew Pierce, Electrical and Computer Engineering\*\* Jeffrey Scott Pierson, Electrical and Computer Engineering\* Matthew Robert Piotrowski, Electrical and Computer Engineering\* Aldrin Joseph Franco Piri, Computer Science Edward Verne Pittman, Technical Management\*\* Timothy Pohland, Electrical and Computer Engineering Richard Andrew Poletis, Systems Engineering Andrew Madison Pollard, Systems Engineering Mihail Kantchev Popov, Systems Engineering\*\* Robert James Portigue, Systems Engineering\*\* Ryan Lucas Pressley, Security Informatics\*\* Vicki Lynn Byer Qualls, Systems Engineering\*\* John Patrick Qualters, Systems Engineering Vijay Krishna Singh Rajaputana, Security Informatics Caroline Ann Raley, Applied Physics\*\* Suresh Ramalingam, Environmental Planning and Management\*\* Jillian K. Rayburn, Applied and Computational Mathematics Terrell Devin Reid, Teebnical Management\*\* Thomas Richard Reinert, Systems Engineering

Erin Marielle Remillard. Geography and Environmental Engineering Edward Warren Ridge, Systems Engineering\*\* F. Joseph Riggieri, Electrical and Computer Engineering Irene del Carmen Rincon, Environmental Planning and Management Robert Edward Riordan, Applied and Computational Mathematics\* Robin Ann Ripley, Electrical and Computer Engineering\* Luis A. Rivera, Systems Engineering Noel Rivera, Computer Science Cesar A. Rodriguez Encarnacion, Security Informatics\*\* Richard Monte Roenfeldt, Information Systems Engineering Jonathan Rohrer, Systems Engineering Katie Jocelyn Round, Electrical and Computer Engineering\* David Benjamin Royfe, Electrical and Computer Engineering\* Felix Alberto Ruiz, Technical Management Brian Thomas Russin, Computer Science David Michael Sabol, Systems Engineering\*\* Michael Sachs, Environmental Engineering and Science\* Alexander Sacker, Systems Engineering\*\* Seved Reza Saddoughi, Systems Engineering Bradley Allen Safranski, Electrical and Computer Engineering Ibrahim A.H. Saif, Systems Engineering\*\* J. Patrick Salmon Jr., Applied and Computational Mathematics\* Jarret John Sample, Systems Engineering Rino Sanchez, Computer Science Christophe Patrick Santini, Computer Science Steven David Sapp, Electrical and Computer Engineering

and Computer Engineering\* Jawara Jason Sawyer, Electrical and Computer Engineering Saurabh Saxena. Computer Science\*\* Nathan Christopher Schey, Information Assurance Kendra Lynn Schlueter, Environmental Planning and Management\*\* Angela L. Schmidt, Electrical and Computer Engineering\*\* Robert Edward Schultz, Applied and Computational Mathematics John R. Schwab, Technical Management David Benjamin Scibelli, Systems Engineering\* Ian Matthew Scott, Systems Engineering Frederick Joseph Scriba, Systems Engineering Brian Seckinger, Applied and **Computational Mathematics** Farzaneh Seifi, Information Systems and Technology\*\* Mansha Seth-Mcculley, Systems Engineering Nasir Sayed Shahrestani, Applied Biomedical Engineering Lalit Deviprasad Sharma, Systems Engineering\* Brittany Lynn Shaw, Applied Physics\*\* Peter Jonathan Sheehy, Systems Engineering\*\* David Andrew Sheets, **Computer** Science Adam Warren Shepard, Computer Science\* Jeffrey Paul Shepley, Systems Engineering\*\* Sophia Iting Shih, Information Systems and Technology\* Joshua Shrader, Applied and Computational Mathematics\* Marjorie J. Siegelman, Systems Engineering Sean Matthew Silverman, Geography and Environmental Engincering\*\*

Ram Perumal Sathi, Electrical

Jamal Simms, Information Systems and Technology\*\* Corey L. Slade, Systems Engineering\*\* Eric Gabriel Smith, Technical Management Tamara Nicole Smith, Information Systems Engineering Theresa M. Smith, Applied and Computational Mathematics Rebecca Abigail Snyder, Computer Science Kevin David Sobczak, Applied Physics Yong Jun Song, Security Informatics\*\* Brendan Spencer, Electrical and Computer Engineering\*\* Douglas Lawrence Spezzano, Information Systems Engineering Matthew K. Sproul, Technical Management\*\* Sean Paul Sprouse, Electrical and Computer Engineering Manish Srivastava, Information Systems and Technology\* Timothy Gerard Stack, Computer Science Alison E. Stevens, Computer Science\*\* Christopher Allen Stevens, Applied Physics Sebastian Alexander Stewart, Electrical and Computer Engineering Timothy John Stewart, Electrical and Computer Engineering Ebonie Joy Stinnette, Technical Management James Allan Stough, Electrical and Computer Engineering Aaron Blake Stroud, Electrical and Computer Engineering\*\* Christopher James Suraci, Technical Management Linda Diane Swain, Technical Management Padam D. Swar, Electrical and Computer Engineering\* William Martin Swartz, Applied and Computational Mathematics

Lauren Elizabeth Swiecicki, Environmental Engineering and Science Thomas William Swindell, Systems Engineering Emile Mark Szlemko, Systems Engineering Laura Marguerite Szypulski, Systems Engineering\*\* Rima S. Tanash. Security Informatics Masrifa Tasnim, Electrical and Computer Engineering Brian Thomas Taylor, Applied Physics\*\* Sally Martin Taylor, Systems Engineering\*\* Luicina Maria Hoelscher Terrien, Systems Engineering Brian Clay Thompson, Computer Science Theodore Gerald Thrasher, Systems Engineering\*\* Aaron James Thurston, Computer Science\*\* Amanda Madge Tighe, Electrical and Computer Engineering\*\* Lisa Ann Timmer, Information Systems Engineering\*\* Brian C. Timmons, Information Systems and Technology Michael Edward Tipton, Applied Pbysics\*\* Lisa Ann Tobin, Applied **Biomedical Engineering** Travis Cameron Tomsu, Computer Science\* Elizabeth Ann Topielec, Applied and Computational Mathematics\*\* Hiep-Anh Nguyen Tran, Systems Engineering\* David Hong Trang, Computer Science\*\* Alexis Shana Monet Truitt, Electrical and Computer Engineering\*\* Nicholas L. Tschohl, Computer Science Michael Wayne Tunick, Systems Engineering

Wesley Adam Turbeville, Systems Engineering\* Valerie Jeanine Turner, Environmental Engineering and Science\*\* Sarah Elizabeth Tursell, Computer Science Kevin Richard Uher, Technical Management\*\* Ahmed Uppal, Computer Science\* Geoffrey Uv, Systems Engineering Nenad Uzunovic, Electrical and Computer Engineering\* Paul Michael Van Opens, Electrical and Computer Engineering\*\* Denuel J. Velazquez, Electrical and Computer Engineering Matthew Duard Vincent, Electrical and Computer Engineering Arihant Virulkar, Security Informatics\*\* Kristin Lynn Vucina, Computer Science Adam Christopher Wallis, Electrical and Computer Engineering\*\* Steven Paul Walsh, Technical Management\*\* Pavan Mukund Walvekar, Security Informatics Roger Joseph Walz, Systems Engineering Danny Yu Chun Wang, Computer Science Hao Wang, Security Informatics Yun Zhen Wang, Electrical and Computer Engineering\*\* Noelle Dian Wanzer, Electrical and Computer Engineering\*\* Matthew Keith Ware, Systems Engineering\*\* Anjanette Laurice Warren, Applied Physics Scott Thomas Watson, Electrical and Computer Engineering Joshua W. Watters, Applied Pbysics\*\* Brian David Weaver, Technical Management Rishva Dananjaya Weliwita, Computer Science

Adam Richard Welle, Information Assurance Shayna Yvonne Wells, Computer Science\* Michael Ernest Wethington, Systems Engineering Stephen D. White, Information Systems Engineering Jennifer Leigh Wight, Information Systems Engineering Lori Hitt Wilkins, Technical Management Hubert Alexander Williams. Computer Science\* Joseph Robert Williams III, Technical Management\*\* Duane Conrad Wilson, Security Informatics\* Frederick Rashun Windham, Information Systems Engineering Sean Christopher Wolf, Computer Science\*\* Fai Tat Wong, Computer Science\*\* Katie Lynn Wood, Electrical and Computer Engineering Benjamin Russell Woodworth, Electrical and Computer Engineering\*\* Joanna Lee Wozniak, Environmental Planning and Management\*\* Chenqi Xie, Geography and Environmental Engineering\*\* Bonnie Xu, Computer Science\*\* Sean Patrick Yaw, Applied and Computational Mathematics\*\* Rhan Yi, Systems Engineering\*\* Christine June Yott, Environmental Planning and Management Ryan Yu, Information Systems Engineering Andrey Sergeievich Zhuk, Electrical and Computer Engineering Stacy Lynn Zimmerman, Environmental Planning and Management\*\* Rachel Elaine Zisook. Geography and Environmental Engineering Grace Weiyu Zou, Electrical and Computer Engineering

#### MASTER'S DEGREES AND CERTIFICATES -

Kecia Kay Zullo, Technical Management\*\* Maritza Zuluaga, Technical Management\*\*

## Masters of Science in Engineering Management

Adam Calvin Attas, Engineering Management Steven Thomas Gillmeister, Engineering Management Faraz Ahmed Khalik, Engineering Management\*\* Britni Cierra Monet Lonesome, Engineering Management Dea Molly Lovy, Engineering Management Karthik Seshan, Engineering Management Karan Shah, Engineering Management\*\* Timur S. Sherif, Engineering Management\*\* Shreyash Sinha, Engineering Management Adeboye Oluwaseyi Sofolahan, Engineering Management\*\* Matthew Brandon Stern, Engineering Management Siddharth Kadayam Venkataraman, Engineering Management Navjyot Walia, Engineering Management\*\* Christopher Francis Warner, Engineering Management\*\* Kacey Lea White, Engineering Management Christian John Wicks, Engineering Management William Mattson Wiegand, Engineering Management Brian Gregory Youchak, Engineering Management\*\*

## Masters of Chemical and Biomolecular Engineering

Michael John Allerton Adam Robert Dorfman Sy Sy Huang\*\* Nazia Ferdousi Rahman Felix Towa\*\*

#### Masters of Civil Engineering

David Aaron Champion\*\* Jeffrey Patrick Cullina\* Catherine Elizabeth Fitzpatrick\*\* Howard Lee Harris III\*\* Andrew Peyton MacLeod\*\* Megan Elizabeth Peal Zane Adam Sadik Prasoon Shrestha

## Masters of Environmental Engineering

Abiola Adebanjo Tiffany Gayle Bain\* Katherine Garufi Caroline Diane Garzon\*\* Abeer Daoud Khadder Kathi Ann Kirschenheiter\*\*

## Masters of Materials Science and Engineering

Jessica Ann Wrobel\*\*

## Masters of Mechanical Engineering

Christopher Friedrich Appelt Kara R. Blaine\*\* Michael Kevin Coon\*\* Michael Ross Cortina Jason Louis Dahne Christopher Mark Dziabo\* Jordan Michael Effron Brian Michael Harris Amy Leigh Hill Patrick Allen Jones\*\* Daniel James Konapelsky DooHyun Lee\*\* Brandon Jahn Lester Dennis Michael Lueken Stephen Carl Mariconti Brian Philip McNiff Brent Mills Patrick Michael Mulliken Abigail Newth\*\* Mihaela Nicolau Sandra Alyda Roach\*\* Penny Lakia Robinson\*\* Jonathan Edward Ross Meghan O'Leary Scott Rafael Wynton Tilghman Robert Arthur Wahl\*\*

#### Master of Arts

Chang Liu, Applied Mathematics and Statistics\*\*

#### Graduate Certificates

Badejo Adebonojo, Systems Engineering\*\* Alfonso Alonzo, Systems Engineering William Arthur Andel, Systems Engineering Amber M. Anderson, Systems Engineering Mark Donald Anderson, Systems Engineering Trevor Laurin Ashby, Systems Engineering Sandra A. Banaszak, Systems Engineering\* Neil Beauchamp, Systems Engineering\*\* Ronald Eric Betsch, Systems Engineering Roger Dean Bingham, Systems Engineering Lorenzo Querobin Bonado, Systems Engineering Robert Maximilian Braunger, Systems Engineering\* Cheryl Lynette Brown, Systems Engineering Dominique Isaac Brule, Systems Engineering\*\* John Michael Cenizal, Systems Engineering Anna Louise Chavez, Systems Engineering\*\* Karen Deanne Christensen, Systems Engineering

Su-Yee Chu, Systems Engineering Eduardo Valentine Cota, Systems Engineering Hidevoshi Alvaro Delgado, Systems Engineering\*\* Tusar Manilal Devgania, Systems Engineering\*\* Mark Charles Dietrich, Systems Engineering\*\* Linda Esohe Ekhator, Systems Engineering Hector Clifford Esparza, Systems Engineering Ramon Dario Espinal, Systems Engineering Gilbert Ray Fierro, Systems Engineering\*\* William K. Geller, Systems Engineering Adam James Geyer, Systems Engineering Joshua Michael Gibson, Systems Engineering Julie Marie Goehring, Systems Engineering Ernesto Gonzalez, Systems Engineering Christipher Lee Halasz, Systems Engineering Stephen Herman, Systems Engineering\*\* Nesmary Hernandez, Systems Engineering\*\* Cassandra Gerann Herrera, Systems Engmeering Linda Lee Flerrera, Systems Engineering Peter John Hokanson, Systems Engineering Datasha Lashawn Holland, Systems Engineering\*\* Thomas James Horrigan, Systems Engineering\*\* Derrick Hughes, Systems Engineering Joel David Hunt, Systems Engineering\*\* Sean Edward Husband, Systems Engineering Nancy D. Jiang, Systems Engineering\*\* Brad David Johnson, Systems Engineering

\*Degree conferred August 27, 2010 \*\*Degree conferred December 30, 2010 Joshua John-James Johnson, Systems Engineering Frederick Kyle Jones, Systems Engineering Joseph Edward Korinko, Systems Engineering\*\* Steven Conrad Kramer, Systems Engineering Pimjai Kukaitkoon, Systems Engineering\*\* Nathan Brady Larsen, Systems Engineering Kenneth Howell Lee, Systems Engineering William Leung, Systems Engineering\*\* Iris Aurora Lopez, Systems Engineering Peter John Loxas, Systems Engineering\*\* Edward Brian Ly, Systems Engineering Ramon Esteban Martinez-Rosario, Systems Engineering Duane Allen McKerchie. Systems Engineering\*\* Beth Miller, Systems Engineering Robert Travis Moore, Systems Engineering Yu Cheung Moy, Systems Engineering\*\* Laurel Alane Nason, Systems Engineering\*\* Phillip Franklin Nation, Systems Engineering Keith Matthew Nolan, Systems Engineering Reed William Nyght, Systems Engineering Alyssa Dawn Overton, Systems Engineering Anthony Joseph Pace, Systems Engineering Rick Allen Ramos, Systems Engineering Lenette Joy Raymond, Systems Engineering Joy Linn Rickerson, Systems Engineering Patrick Lee Rinckey, Systems Engineering Adrienne Ann Rivera, Systems Engineering

Timothy Aaron Sautter, Systems Engineering Basheer Othman Shahin, Systems Engineering David Lewis Sharka, Systems Engineering Kathleen Denise Stevenson, Systems Engineering\*\* Robert Henry Steyn, Systems Engineering James Randolph Stutler, Systems Engineering Chantel Marie Taylor, Systems Engineering Jesse Craig Temkin, Systems Engineering James Ernest Thouin, Systems Engineering Gregory Kwan Toy, Systems Engineering Louis Napoleon Bonaparte Triplett, Systems Engineering J Peter Van Duyne, Systems Engineering\*\* Michelle Flores Viramontes, Systems Engineering Matthew James Wargo, Systems Engineering\*\* Hannah Jo Wood, Systems Engineering Peter Kuang Tzu Yang, Systems Engineering\*\* Hweyching Yeh, Systems Engineering Arturo Zavala, Systems Engineering

## THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

#### Masters of Science

Nezar Ahmed Alsaeedi, *Molecular and Cellnlar Biology* Tamara Ashvetiya, *Molecnlar and Cellnlar Biology* Brian Robb Chaikind, *Chemical Biology*\* Jennie Kim Choe, *Neuroscience* Justin T. Hsieh, *Neuroscience*  Jonathan Liu, Molecular and Cellnlar Biology King Yu Lo, Nenroscience Jason Solomon Shapiro, Molecular and Cellnlar Biology Lerna Uzasci, Chemical Biology\* Ryan James Vierling, Chemical Biology\*\* Jacquelyn Leigh Wentworth, Molecular and Cellnlar Biology Allen Tingjun Yu, Molecular and Cellnlar Biology Jerry Jun Yu,

Molecular and Cellular Biology

#### Masters of Science in Bioinformatics

Olukemi O. Abolude\*\* Paul Oluwasevi Aiyetan Moiz S. Bootwalla Clinton L. Cario\*\* Ioshua Cavett\* Ling Chen Kami E. Chiotti\*\* Kurt M. Forge\*\* Anuj Gupta Cameron B. Lassiter\* Desmond Joseph Lim Wen Pin Ankit Maroo Malcolm Norman Matalka Matthew D. McCoy Joshua Daniel Orvis Joel M. Palachuvattil\* Nehal Shailesh Parekh Anand Champak Patel\* Ravi K. Sanka\* Artin Sedighi\* Andrew Mark Simpson Vidya Venkatraman\*\* David K. Walburger

#### Masters of Science in Bioscience Regulatory Affairs

Sadia Ammar Ahmad\* Chioma Nwanneka Akaigwe Pallavi Bajaj Nazneen Bano\* Navneeta Bansal Tealman Bjoraker Kristen Bloom Vamsy S. Bobba Jonathan Ephrom Butler Kyla Michelle Fitzpatrick Butts Kelly J. Cahill Katie Ellen Caldwell Heng-chih Mavis Chao\*\* Yu-Hsuan Chuang\*\* Darron Duvon Claiborne\*\* Mark J. Evans\*\* Jennifer Christine Golik Metitia M. Gramby\*\* Jocelyn Xavier Hietpas\*\* David P. Holmgren Priyanka S. Kamath Rochelle Cherie Kane\*\* Sonday Lyneia Kelly John Drake Klados\*\* Priyanka Kothari Brian T. Laughlin\*\* David M. Locke\*\* Kymberly Lum\*\* Naveeda Mahmood\* Sakshi Malhotra Janel L. McGill-Mbagu\*\* Matthew Norman McOueen\*\* Admasu Melake-Berhan\*\* Victoria V. Nadershahi David Narayan\*\* Enow N. Nsemanyu Anwuli Loretta Nwaesei-Edward Raina Olexa\*\* Erika Dawn Parry\*\* Patricia Ann Price-Abbott Avesha N. Rahman\*\* Karen B. Reese\*\* Youngmin Rhim Colleen T. Ruffin Allison Ann Schaefer Om Vir Singh\*\* Emma Laura Stefanelli Tanzi Zh Strafford Xiaoqiu Tang William Ian Towler\*\* Thomas Tscherning\*\* Sandra I. Vazquez Yun Wu\*\*

## Masters of Science in Biotechnology

Junaid M. Afzal Achille Didier Akoa John Alexandros Alexandrou\* Wafa K. Alnakhi

Lalaine dela Cruz Anova Scott Matthew Anthony Michael H. Armour Nastaran Aslineiad Aderonke O. Awe Catherine V. Badger Sarah Lynn Beach\*\* Matthew James Becker Laurel A. Beer\* Katie Joy Bendas\*\* Robert Joseph Bender Nishit Prakash Bhuva Sheena Jolene Biallas Bethany M. Biron William F. Blank\*\* Stacy Marie Bohl\* Shirley J. Briggs Misty Dale Burton Iuliane Guimaraes Carvalho\*\* David A. Cetlin Erica F. Chan\*\* Pooja Pradip Chaudhari Hemanshi Chawla Kanika Chawla Annie Szu-Ying Chen\*\* Huigen Chen\*\* Erica Lynn Cirincione Jenna R. Cohen Jessica Elizabeth Coppersmith Melissa Beth Craft Kristen I. Crandall Kaitlyn M. Dambach Manasi S. Deshpande\*\* Nikhil Dewan\* Emmanuella Maria Eastman Ramin Eshghi Allison M. Fain\*\* Johangel M. Figueroa Brian E. Fisher\*\* April Margean Franks Lakrishna S. Freeman Jenay Wallace Fricke\* Mayur M. Gadiya\*\* Prateek Gajwani Shreya U. Gandhy\*\* Nermine Awad Samir Gerges\* Russell Shay Glass\*\* Andrea Susanne Gocke\* Eric Edward Goff Aakruti Gorde Kunal Ulhas Gunial\* Brent Timothy Hagen\* Ellen Hailemelecot

Victoria Lea Halperin Kuhns Krystal L. Hamlett Elizabeth Adrianne Duque Hammershaimb Matthew Edward Harlin Glen Scott Hatfield\*\* Kristina Zdenka Henry Alexander Vance Herrera\*\* Vincent Dale Hilliard Ryan Mark Hogan\* Roslyn Howard Joshua D. Huang Justin L. Hula Emma Jean Humbert\*\* Nicole Marie Johnson Giselle A. Joseph\*\* Poorval M. Joshi\*\* Linda Liz Julia' Da'vila\* Laura Kimberly Kaatz Sara Kabir Shweta Kailasan\* Pratvush Unmesh Kamdar\*\* David J. Kang\*\* Hilary R. Keller Miriam Amina Khan Ewelina Kidwell\* Kara G. Knieriem\* Derek Kai Kong Susan Kourpanidis\*\* Mia R. Kumar\*\* Yelena Lazdun Lam Anh Le\*\* Beverly Joanne Lee\*\* Candace Josephine Lee\* Avrum D. Leeder\* Matthew P. Lera Brad A. Lewis\* Ruoxia Li Pei-jyun Liao Sabina M. Lindley\*\* M.D. Lara Linford Kate Lauren Lipka\*\* Nina Christine Long Barbara Ma Adaku Hunanya Madu\* Kanam Malhotra Wali M. Malik Cynthia L. Martin Shane Peter McQuade Taehong Min Kalyani Mishra\* **Omid Motabar\*** Chelsey Rae Mozingo

Zenab Opevemi Mustafa Pyo Henry Namkung Poornima Hari Neela\*\* Chidiebere O. Nwaogu\*\* Lindsey Jane Olmstead Shweta Girish Pai **Rudolph** Park Shetal A. Patel Trena M. Pennev\*\* Mandy Pereira\* Mayda Perez Thiele\* Jasmine Pettiford Kristen M. Pluchino Privanwadha Pranesh\*\* Joshua Lee Price\*\* Chirangini Pukhrambam Angela Shughart Ragan\*\* Junaid Yasin Raja\* Krithika Rajagopalan Kunal J. Rambhia Phillip Ramsey\* Sneha Bharat Rao\*\* Kate Lynn Rappaport Cary J. Retterer Pauline A. Rivera Janice M. Rivera Cintron\*\* Avraham Zvi Rosenberg\* William E. Ruff Jr. Denise Danielle Rush Barbara Nabil Saber Agnieszka Anna Sadowska\* Vishaldeep Singh Sarkaria Joseph Ronald Sauer\*\* Steven Aaron Seaman Tina Marie Self Priyanka R. Shah Siddharth A. Shah\*\* Umang S. Shah\*\* Piyush K. Sheladia Rakshit Rannath Shetty Vera Karim Shihadeh Suzanne Marie Shipley\* Neeta Sharad Shroff Sharanya Siyanand Edward Churlron So\* Maria Ximena Sosa\*\* Carol A. Spiegel\* Erin R. Stamper Maureen Elizabeth Stefamak\*\* Kevin Douglas Stewari\* Laura Stewart\* Kalli D. Stull\*\* Danielle D. Swales\*\*

Philip Michael Tedeschi Darcy E. Thibodeau\*\* Seneca Dwight Toms Shirin May Treadwell\* Brice Philip Vallieres Rajita Jagdish Vatapalli Karan Verma\*\* Sneha Vivekanandhan\*\* Mark Norbert Vonderhaar\*\* Heather A. Wallace\* Poan Wang\* Kimberli A. Wanionek Leigh C. Warsing\* Denver Bellinson Weil\*\* Deron O. Wells\*\* Shanda Leigh Wilcox\*\* Tara Ann Williamson Elizabeth Wohler\* Goli Yamini\* Lavinia Leanun Yau-Chan\* Feng Zhou Rachel E. Zinsou\*\* Meredith L. Zoch

#### Masters of Science in Energy Policy and Climate

Christopher Michael Sewell Michael Anthony Shaw

## Masters of Science in Environmental Sciences and Policy

Amy Noel Armstrong Emem N. Assam\* Jennifer Bader Tara Colleen Baker Scott Harmon Barstow Nikki Bass Brian James Bennett Jessica B. Biegelson Abby Cecenha Blocker Diana Marie Bowen\* Dana Christine Brenner Emily Ruth Brooks\* Emily R. Bull Jessica Diane Castro Jennifer Lynn Cedeno\* Radhika Sua Chari\* Devon A. Chicome\* Bobby Chu\*\*

\*Degree conterred August 2\*, 2010 \*\*Degree conterred December 30, 2010

Prasad Chumble\*\* Andrew Thomas Coleman Jacques M. Colon\* Any Margaret Croft\*\* Larissa Curlik Marina Diernaes\* Tanya M. Dmytrow Kory Dodd\* Laura Ann Dovle\*\* Caitlin M. Dudek Margaret Whitney Emslie Darci L. Ferrer Venu G. Ghanta\* William Cooper Gilbert Christina M. Guthrie\* Jean N. Hillstrom Neil A. Hurwitz\*\* Daiva Kacenauskaite Virak Kchao\*\* Scott D. Kiefer Brian Scott Killen Kimberly A. Kirwan Brian Andrew Kittler\* Kevin William Lefebvre\* Christi Rae Lockard Benita Ludlow Sharphouse\* Jacob T. Marcinak Michael H. McGreevev\* Caren Joanna Meade Lushani C. Nanayakkara Amelia Jean Neptune Carrie-ann Ness\*\* Megan O'Hara\*\* Marcia Cortes Pereira Oliveira Kristy L. Owen\*\* Matthew K. Pollard\* Douglas Edward Rau\*\* Brendan Johann Roache\*\* David William Robbins Matthew D. Robinson Catherine A. Rudisill William Paul Sadlon\*\* Meghan C. Sadlowski Krista Ruth Sakallaris\*\* Tayyaba Samina Shannon Kathleen Sauter\* Xoco Anna Shinbrot Stephanie Melissa Siemek\* Katherine M. Skogen Darcy C. Smith\*\* Sarah Alison Smith\* Stefanie Starr Laura Theresa Stitt

Yu-Ting Su Heather Tattersall Bruk Tekie Naisa J. Thaker Matthew Damian Watkins Patricia M. Watson\*\* Howard Dennis Weinstein James D. Wolf Rebecca L. Wolf\*\*

#### Masters of Fine Arts

Thomas M. Bechtold, Writing Seminars Laura Lee Bylenok, Writing Seminars Angela Catherine Fleury, Writing Seminars John Paul Gritton, Writing Seminars Margaret Elizabeth Murray, Writing Seminars Rebecca Elizabeth Parson, Writing Seminars Lauren S. Reding, Writing Seminars Claire Marit Wahmanholm, Writing Seminars Dara Francesca Weinberg, Writing Seminars James Joseph Wooden, Writing Seminars

#### Masters of Arts

Gabriel Ross Aaronson, Public Policy Robert Jacob Abramovic, Mathematics Daniel Brinton Allan, Physics and Astronomy\*\* Brian August Anderson, Psychological and Brain Sciences Norah Linda Andrews, History\* Natsuki Arai, Economics Daniel Charles Ashley, Chemistry Indra Astrayuda, Economics Sean Michael Aten, Public Policy Renny Arthur Babiarz, Political Science

Brain Sciences Nathaniel Charles Bair, Chemistry\*\* Chand Warren Balfour, History\* Weining Bao, Economics Eliza Dillon Barclay, Writing Seminars\*\* Jonathan Beardsley, Mathematics Damien Alix Albert Benveniste, Physics and Astronomy\*\* Joseph Jeffrev Berger, Public Policy Adam Samuel Bisno, History\* Julie Lynn Bitter, Chemistry Allison Elizabeth Bohac, Writing Seminars Bethany Lynn Boland, Public Policy Grace Patricia Bosse, Physics and Astronomy Rita Kazimiera Bradunas, Public Policy Michael Robert Bullwinkle, Writing Seminars Angela Marie Buonaugurio, Chemistry Yuanqing Cai, Mathematics Gülru Çakınak, History of Art\* Rachel Elizabeth Calvin Whitehead, History\* Sean Andrew Cantrell, Physics and Astronomy Chih-han Chang, Earth and Planetary Sciences Blair Robert Chapman, Economics Wei-ting Chen, Sociology\*\* Xin Chen, Physics and Astronomy Jacob Israel Chilton, English Kevin Cho, Chemistry Karina Maren Christiansen, Public Policy Susan Christiansen, Public Policy Alex Chandy Chunakara, Public Policy Craig Robert Copeland, Physics and Astronomy\*\* Thomas Allen Crain, Humanities\*\* Sara Tabak Damiano, History\* Amy Elizabeth Dusto, Writing Seminars

Gi Yeul Bae, Psychological and

David Gordon Ely, Physics and Astronomy Cindy Soledad Espinoza, Sociology Charlene Fae Estrada, Earth and Planetary Sciences Blake Devin Ethridge, Political Science Eugenia Kim Gabelia, Public Policy Lu Gao, Public Policy Philip M.E. Garboden, Public Policy David Anthony Garcia, Public Policy Ting Ge, Physics and Astronomy Sorita Anuradha Ghosh, Public Policy Jamie Angela Gianoutsos, History\* Yoichi Goto, Economics Ellen Theresa Gray, Writing Seminars Qiang Guang, Mathematics Rajani Gudlavalleti, Public Policy Scott David Guzewich, Earth and Planetary Sciences\*\* Jillian Lea Hamadyk, Public Policy Nikolaus George Hartman, Physics and Astronomy\* Michael Summers Haugh, Public Policy Katie M. Hemphill, History\* Laura Patrice Hiatt, Public Policy Johanna Marie Hobratschk, Classics Lingli Huang, Sociology\* Stephen Alexander Jeffress, Earth and Planetary Sciences\*\* Katharine Mckenney Johnson, History of Art Jason Robert Johnston, Public Policy Surabhi Joshi, Public Policy Jai Ung Jun, Mathematics Yi Kang, Economics\* Aigerim N. Karimova, Public Policy Nicole Ebone Kenney, Public Policy Megan Elizabeth Kenny, Public Policy

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Olga Petrova, Physics and Astronomy Jason Gregory Ravit, Mathematics Katherine Mary Reinhart, History of Science and Technology\* Chelsea Illusion Rinnig, History Denis Jean-Jacques Robichaud, German and Romance Languages and Literatures\* Denis Jean-Jacques Robichaud, History\* Samantha Gayle Rosenberg, Chemistry Samuel Benjamin Rosenthal, Physics and Astronomy John Daniel Ross, Mathematics Yun Kyoung Ryu, Molecular and Cellular Biology Molly Caitlin Schwartz, History Yichen Shen, Mathematics Yi-shin Sheu, Psychological and Brain Sciences Pamela Miriam Shuggi, German and Romance Languages and Literatures\*\* Kati Michelle Simmons, Economics\* Rachel Diana Slack, Chemistry\* Hannah Son, Political Science\*\* Mark Edward Spindler, Mathematics Chenyang Su, Mathematics Hongtan Sun, Mathematics Helen Morgan Thompson, Writing Seminars Lucia Tiererova, Economics Christopher Tozzi, History\* Wenwen Tu, Public Policy Joy Rukundo Twesigye, Public Policy Erin A. Urquhart, Earth and Planetary Sciences Rosemary Sun Cha Urso, Public Policy Chiara Valle, History of . Irt\*\* Ximena Sofia Vengoechea, History of Art Giselle Vitaliti, German and Romance Languages and Literatures\*\* Jessica B. Walker, History\*

Matthew Thomas Walters, Physics and Astronomy\* Hou Wang, Economics Xing Wang, Mathematics Yao Wang, Economics William Maurice Ward, Chemistry Siri Warkentien, Sociology Liwei Weng, Chemistry\*\* Leland Robert Widger, Chemistry\*\* Danielle Tamsin Wilson. Public Policy Benjamin Yana Winer, Biophysics\*\* Ruli Xiao, Economics Xiaochen Xu, Economics Xi Yang, Economics Jiae Yoo, Economics Nazish Zafar, Sociology Nan Zhang, English Ying Zhang, History Yizhen Zhao, Economics Yadi Zhou, Public Policy Junyan Zhu, Mathematics

#### Masters of Arts in Applied Economics

Amanuel Wondimagegnehu Alemu\* Khaleda Atta\* Natalie C. Baer\*\* Julia F. Baron Ryan Benton Barwick\* Miroslav Batka\* Tsegasellassie Seleshi Beshah\* Jean Margaret Biniek\* Joost Cecil Bottenbley\*\* Susan Williams Campolongo\*\* Carlos E. Caro\*\* Svetlana Cerovic\*\* Michael M. Chernousov\*\* Eunyoung Cho\* Jeffrey Jay Clark Rebecca Lynn Cole\*\* Edward R. Collins Christopher Scott Corley\*\* David Stephen Cox Lauren Csorny\* Thomas C, Dalton Kevin S. Danielson\*\* Ross Peter R. DeMarco\*

Nicholas J. DiFiore Andrew John DiMattina Catherine Andrea Duarte\*\* Paula A. Dutko Obafemi Babatunde Elegbede\*\* Rebekah Esmaili\* Madelyn I. Estrada\*\* Opevenii Fasakin\*\* Stella D. Fayer\*\* Lisa Michele Fieldhouse\*\* Alan Benjamin Freedman\* Shyam Gopaladesikan\* Neha Govil\*\* Gregory P. Guillot Salma Elhadri Hageb\*\* Matthew P. Haney Richard Harrell\* Iason A. Harris\* Alexa Christine Herman Leanne S. Hernandez\*\* Taylor Patteson Horton Moises Ginno Huerta\*\* Ariane Sarah Krems Hulkower\*\* Ma, Carla Angela Prieto Intal Mary E. Jezek\* Amy Elizabeth Jordan Danielle Marie Kaeble\* Alex M. Karidis Emraan Sirfraz Khan Naghmana Khan Eugenia Kim\*\* Nhuthy H. Krennhrubec\* Darya V. Kuts\*\* Imran Lalani\*\* Mark Edward Lofthus\*\* Jane MacMurray\* Shannon M. Malonev\* John McKinley Marshall\*\* Blair McCarthy Marysol McGee Emily A. McPherson\*\* Ganna Meyman\*\* Jeremy George Mills\* Andrea Leigh Moreland\* David Vinh Quoc Nguyen\*\* Michael Patrick Normyle Gerald Henry O'Connell\* Chukwuka Lucas Okwudishu Lucia Haydee Olivera\* Ekenebukechukwu Gianna Ozule\*\* Fabian Sanchez Pabon\*\* Sarah J. Pack\*\*

\*Degree conterred August 27, 2010 \*\*Degree conterred December 30, 2010

Pahini K. Pandya Keri Lee Pessagno Beatriz E. Pineres\*\* Federico Gabriel Presciuttini Andrew Stanton Rehwinkel\* Arthur Ribeiro da Silva Giovanna Andrea Rivera David Michael Rodriguez\*\* Kelly Kristine Ryan\*\* Elizabeth M. Schaefer\*\* Michael Brian Schwaber Joseph Thomas Sheridan\* Qiancao Shi Stacey M. Shifman\* Andrew B. Siegel Ryan C. Sims Brian James Smith Nicholas J. Sochurek\* Natalie A. Soroka\*\* Phillip Lloyd Sprehe\* Matthew J. Stafford\*\* Brian T. Staudt Anna Elizabeth Huneke Stewart\*\* **Jessica Brede Stone** Robert W. Sutton\* Dalton B. Terrell Emily L. Thomas\* Kelli Lynn Thompson\*\* Andrew Uhl\* Justin Currin Ungson\*\* Andrew David Vlietstra Nathan D. Wallace\*\* Li-Chung J. Wang Rebecca E. Waskey Marc Weinstein\*\* John Williams\*\* James Benjamin Stallworth Wise Zhongxia Zhang

## Masters of Arts in Communication

Sarah Kathryn Ackerman\* Dawn Lisette Wohlfarth Arteaga Amy L. Beightol Jim Billimoria Megan Alexis Bishop\*\* Rachel A. Byrd Paul Christopher Cabellon Amanda Chiarappa Candy\* Amy Sue Cohen\*\* Erika Nikkole Cotton Sadira Y. Daher\*\*

Marianne Dailey Kathryn R. Deluca Brittany Ann Eck\*\* Lisa Erin Elmore\*\* Sarah Jane Fichter Susan Maura Finkelpearl Tanea Davis Foglia Kimberly A. Francetich\* Jamie C. Frederick Lauren Funk Brian A. Gnatt Michael Bentley Green Gina Scheree Hall Rachel Lynn Hamrock\*\* Sherry Lynn Harms Jamie Ruth Haynes Laura Josephine Henderson\* Marjorie Henriquez\*\* Jonelle Patrice Henry Elizabeth C. Hogan\* Michiko Izawa\* Rebecca Chapman Joly\*\* Jennie I. Kander Katherine Ann Karsnak\*\* Serena Fuad Kefayeh\*\* Yoko Kobayashi\* Darcy Kohn Emily Rebecca Krebbs\*\* Christopher Andrew Lawson Kelly Rosemary Mack Nona L. Mitchell-Richardson Garth J. Moore\*\* Amy Lee Murphy\* Cecily Ina Naron\* Rebecca Clare Neale\*\* John L. Nicholson Nicole Jane Nigh Amber D. Palmer-Halma Cynthia Michelle Piette Abigail Bess Pinkele Minden Elysse Pletsch\*\* Allegra Giorgia Poggio Frances Claire Powers Luke M. Punzenberger\*\* Katie Elizabeth Reardon\*\* Nadia Riaz Jennifer Nicole Roeder Julie Lynn Ruggiero\*\* Maureen Elizabeth Ryan Shreesh Sarvagya James Schuessler Jonathan Davis Schultz\* Rachael L. Shoop

Megan Taymore Sigel Stacey B. Silva Carol McLaughlin Stansfield Michael W. Swanigan Munis Topcuoglu Megan A. Trainer Maureen Allison Walker Susan Landrum Weller Christopher B. West\* Andrea Conti Yepsen\*\*

## Masters of Arts in Global Security Studies

Jennifer Bonilla\* Jasmine Darcy Michael James Donnelly Leslie C. Fattorini Adam Michael Graf\*\* Danielle J. Hignett Brett M. Holmgren\* Robert P. Kozloski Dennis Keith Lawrence\* Jessica Janick Lawrence Lauren Ann Lefebvre Justin Nwadiashi Gazbiah Almas Rahaman\* Anthony Frederick Russo

## Masters of Arts in Government

David Michael Ballard\* Marion E. Billek David E. Black\*\* Anne W. Brady Taylor Austin Brown Giovanna A. Casalino\*\* Joseph Edward Cody Denis M. Cook\* Vito Charles Corti\* Lauren Elizabeth Crawford Jenny C. Cross\*\* Holly Ann Cummings\* Ryan James Curran\*\* Jared Alexander Cutright\* Earnestine Elaine Dawson Romeo Domdii Cliff\*\* Daniel J. Donovan Patrick Donahue Dooley Christina Joy Dunsmore Sean C. Evins\*\* Matthew Kevin Finck

Scott David Fisher\*\* Anna Fox Seth Michael Freedland Carlos D. Freitas\*\* Lindsay Amber Fry Valery Galasso Nima Gerami\*\* Gazelle Zahra Ghorbani\*\* Michelle Rae Greenhalgh\* Allison G. Grossman Megan Brooke Haebler\*\* Patrick Martin Hanley\*\* Elizabeth Marolda Hazelbaker\*\* Robb L. Heier\*\* Adrienne Elyse Hoar Jonathan A. Hosack\* William Emerson Jacobs\* Nicolle Bauernschmidt Jean Johnson\* Daniel R. Jones\*\* Elizabeth M. Jurinka\* Laura Katzin Kate Andrea Kulbako Derek Bernhard Larson Matt Cooper Laslo Brendon L. Laster Andrew Joseph Lindner Robin Maguire Lloyd Chandler Thomas Lockhart Ricardo Lopez Sarah J. Lovenheim\*\* Adam Anthony Lucas\* Christopher M. Mascaro\* Scott Alan Mayausky Andrew M. McNamee Andrea Catherine Monts\*\* Yantee A. Neufville Maria Nicholas Plakoudas Lynn D. Powell Austin Tyler Roberts Brian Farley Rose\* Gregory Harrison Rose\* Christopher John Sadler Elisabeth Claire Scheneman Aaron M. Scherb Jhonna C. Schupp\*\* Jennifer Lee Shevchek\*\* Jaime Lee Shimek Matthew Jordan Sonduck Micah Levi Spangler Zachary E. Stokes\*\* Jack Douglas Swetland\*\*

\*Degree conferred August 27, 2010 \*\*Degree conferred December 30, 2010 Anna M. Taylor Kelly Kathleen Terpak<sup>\*</sup> Joshua Tey<sup>\*</sup> Traci M. Vincent Jennifer Lynn Wahlen<sup>\*\*</sup> Richard Joseph Ward HI Sadaf Wardak Matthew R. Welch Stephanie Rae Wiles Stephanie Lynn Woodrow Teressa Wykpisz-Lee<sup>\*\*</sup>

## Masters of Arts in Museum Studies

Stacy Ann Adamson\*\* Lauren J. Arenson Andrea Kav Bairami Shannon Reneé Buechler Rachael Burrum\*\* Sarah M. Carlson Karen Marie Carolin\*\* Ruth Naomi Cuadra Natasha Cuervo\* Danyelle Renee Dorsey\* Resa Mae Erickson Britni I. Exton Kirsty Gharavi Kimberly Ann Golden Lindsey Ann Hagan\*\* Isabella Ellaheh Hughes\*\* Katie E. Kosmoski\* Michelle R. Landry\*\* Maureen M. Lane\*\* Cody Eugene Lee\* Nancy Lee Gina Macaruso-Lineberger\*\* Elizabeth Anne McSherry J. William Meek III Margot Elizabeth Millard Erin Marie Narloch Obiageli O. Nnadi\*\* Rhiannon Corinne O'Halloran-Waddell\* Anna Isolde Olcerst\* Karina K. Pallin\* Emily B. Penn Karol Reis Pesar\*\* lennifer Kathleen Purcell Lori Sundberg Quayle\* Rafigur Rahman Cheryl L. Rash Jones Elizabeth Marie Ricci

Mary A. Robinson\*\* Michelle Antoinette Schulte\* Eric Schwass\*\* Marilyn J. Sklar Brooke Adams Stevenson Allyson Teague\*\* Amber Marie Trevino\*\* Robert Stephen Trio Jr. Christopher Allen Ubik\*\* Sarah Christine Vitek\*\* Adrienne R. Watson Loni R. Wellman Gwen A. Weninger\*\* Kayla Lynn Wiechmann Rebecca Lorraine Wilcox Julie W. Wilson Catherine Ray Wright

#### Masters of Arts in Writing

Laura Anderson\*\* Chelsea Bauch\*\* Pamela K. Bond Danielle Rae Bryant Derrick Steven Credito\*\* Annabelle Marie Dando\*\* Dario Steven DiBattista Ir. Meghan Dombrink-Green\*\* Amy Caroline Drew Johanna Droubay\*\* Jo-ann Adelle English\*\* Adaeze Ifeoma Ezebuiro Sheila Fox\*\* Clifford Alan Gale Cara Natasha Gibson\*\* David Meredith Glushakow\*\* Tanya Lea Greenfeld Shenan H. Hahn\*\* Brandi Dawn Henderson\*\* Nancy Schiavetta Hoffmann\*\* Alisha Horowitz\*\* Jenelle Anesha Jack\*\* Caitlin S. Jennings Ambereen Hayat Khan\*\* Marion Elizabeth Kirk\*\* Laura Kurz\*\* Marilyn Lewis-Campbell\*\* Andrew Carter McAllister Alexa Lauren McMahon Terri Jayne Methvin Katherine Christina Moody Christopher J. Murphy\*\* Nicole Ladzer Odotei

Michael Edmund O'Neill Ana Hasna Otaru Seina Husna Otaru Richard King Perkins\*\* Kimberly A. Polyniak Matthew A. Pusateri Faye R. Rivkin\*\* Kelly A. Robertson Gabriela C. Romeri Andrew Bartholomew Hay Ross Anna Laura Rough Kurt Charles Schulz Sahar Sepehri Michele Shannon\*\* Tameka Una Shelford Kimberly Williams Shorter Nicholas A. Small\*\* James Richard Snoddy\*\* Lynn Stansbury\*\* Sasha Saryozha Swarup-Deuser\*\* Jennifer Renae Taylor\*\* Gina M. Vivinetto Jennifer Holden Ward\*\* Melissa Webster Mary L. Westcott\*\* Stephanie L. Wolfinger\*\* Steven Howard Wright Evonne Carroll Young

#### Masters of Liberal Arts

Kathleen Carla Ambrose Shabina N. Bahl\*\* Leslie K. Book Katie Diann Houston Bransford Janice Marie Brzezinski Ryan Christopher Cooper Erin Marie Cosyn Anne Palmer Crossman\*\* Susan H. Dugan-Konka\* Victoria Anne Fitzgerald Steven E. Flemming Jr. Tina L. Funke Stephanie Gaines-Bryant Charles B. Gifford Nicole Monique Goode Emily Mae Hafner Melanie Anne Hamons Christine Diane Johnson\* Dale F. Keiger Ellen A. Keith Jennifer Lynne Kerilla\* Loliza Lota Klose

Kandace J. Knapp Noel Lopez\* Matthew Scott McCormick Luigi A. Miragliuolo\*\* Erin Elaine Salb Jennifer Charlotte Simpson Lorraine H. Spencer Davette Meldra Stewart Amy T. Thonnings\*\* Leslie K. Vink\*

## THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES AND THE CAREY BUSINESS SCHOOL

## Masters of Science in Biotechnology/Masters of Business Administration

Jonathan A. Affeltranger\* Tiffany Reneé Greenwood Blackwell Daniel L. Edelstein Mona I. Goldstein Osomwonken Jennifer Igbinosun Kelly Robinson Lewis Yih-Der Lin Benjamin Shawn Lineberry\*\* Michelle Pelescak\* Todd C. Pelham Shelley Renita Pitter Marcella Leann White Benjamin Winterroth

## Master of Arts in Communication/ Master of Business Administration

Jacqueline Cannon Catherine Cronin Cesafsky\* Jayna Troxel Murray (Posthumous) Michelle Dawn Vanderhoff Cecile Isabel Zimmerinanu

## Masters of Arts in Government/ Masters of Business Administration

Hope Morgan Amsterdam Bradley Dean Bare Lindsay M. Dawaf\* Patricia Mae Engle\*\* David D. Gross\* Christian Kachel John George Kehoe Jessica Lee Kramer Cait Maragaret Lynch Caitlin E. McDevitt Mansoor T. Shams James L. Sonne Cody Benjamin Stewart Juan Jose Tijero Justin Mark Underwood Matthew Brenton Wiggins Abigail B. Youngken\*\*

## THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

Certificate of Advanced Graduate Studies in Liberal Arts

Barbara Melanie Matos

## Certificates in Biotechnology Enterprise

Kenneth James Brennfleck\*\* Courtney Faith Silverthorn Chin-Wei Soo\*\*

## Certificates in National Security Studies

Gary David Belvin Adrien Olivier Cheval\*\* William H. Clark\* Christi Regina Cuffee-Williams John M. Doyle\*\* Jonathan J. Lafrance\* David Ian Oxley\*\* Karen Ashley Pongrance

## Graduate Certificates in Geographic Information Systems

Brian Strahan Barker\* Kwasi O. Boadi\*\* Melissa Kelly Bray Sarah Frangees Tedrow-Azizi\*

#### THE CAREY BUSINESS SCHOOL

#### **Bachelor** of Science

Ali A. Ahmed, Business and Management Judah Balasiano, Business and Management\* Sean Frederick Barry, Business and Management Deborah Ann Bartucci, **Business and Management** Johanan Bassan, Business and Management\*\* Wilbert E. Blue, Information Systems\* Aaron Gregory Burnett, Information Systems\* Evgeniya Challita, Information Systems\* Teng Teng Chan, Business and Management\* Vera Denise Edmonds, **Business** and Management Brian A. Evans, **Business and Management** Christina Gail Farias, **Business and Management** Yehuda Gabaie, Business and Management\* Anna P. Gackowska, **Business and Management** Andrew Gross, Business and Management\* Jason C. Herzberger, Business and Management\*\* William Ellis Hill, **Business and Management\*** Lapricia Lanée Lewis Boyer, Information Systems\* Robin Yvette Lincoln, **Business and Management** Nancy M. Nath, Business and Management\* Stefanie S. Neal, Information Systems Brunke Onken. Business and Management\* Kyle C. Pesti, Business and Management Constance J. Pomplon, Business and Management\*

Misti Ann Pruski, **Business and Management** Alex J. Pudles, Business and Management\* Vinutha C. Reddy, Business and Management Larry C. Rogers Jr., Information Systems Maurice Salama, Business and Management\*\* Sean Alexander Scott, Business and Management\* Karen Capek Skochinski, **Business and Management** Kevin Maloba Wafula, Information Systems\* Nicole L. Watts, Information Systems Aryeh Tzvi Welcher, Business and Management\* Keonne C. White, Business and Management\*\*

#### THE SCHOOL OF EDUCATION

#### **Bachelors** of Science

Carole L. Allen, Management Anial E. Awad, Management Shane Micheal Bolger, Management Donoven R. Brooks, Management Thomas Aloysius Calmon, Management Lorraine R. Cole, Management Denita Janell Evans, Management David John Folderauer, Management Jason Gaver, Management Sharla A. Gibson, Management Arthur Grieshaber, Management Michael R. Grimes, Management Ernest J. Hannig, Management Mia Lynn Hembrick, Management Christopher J. Jordan, Management Adam F. LeCompte, Management Richard Thomas McArthur, Management Elizabeth Ann Michelsen, Management

David P. Moxley, Management Roquel Leonita Norris, Management Ulvsses David Perry, Management Debbie Terena Proctor, Management David A. Reitz, Management Russell E. Roy Jr., Management David L. Ruel, Management Jeffrey Robert Segal, Management Welton Simpson Jr., Management Stanley Slide, Management Michael C. Smith, Management Michael K. Tenant, Management Amy A. Thomas, Management Jennifer Lynn Utz, Management Stephen E. Walker, Management Stephanie Ann Wall, Management

## THE PEABODY CONSERVATORY OF MUSIC

#### **Bachelors** of Music

Mia Barcia-Colombo, Violoncello Katie Barklaev, Double Bass Brian Barone, Guitar Melissa Anne Birkhold, Bassoon Amanda Sara Bloom, Jazz Voice Kathryn Louise Brunhaver, Violoncello Chelsea Lee Buyalos, Voice Matthew D. Bryenik, Double Bass Victor Caccese, Percussion Alicia Kiah Cantalupo, Violin Andrea Casarrubios, Violoncello En-Hua Chang, Harp Daniel Gardner Cherouny, Jazz Saxophone and Recording Arts and Sciences Eun Jin Raoul Cho, Flate Minhye Helena Choi, Fiolin Enrily Marie Cich, Music Education and Oboe Griffin Colien, Computer Music Composition Viet Pham Cuong, Composition

William Morrow Davenport, Voice Stephen Dunlap, Saxopbone Stephen John Edwards, Composition John Ehrenburg, Music Education and Trampet Cristobal A. Gajardo Benitez, Percussion Antoinette Y. Gan, Violoncello Aleksi R. Glick, Jazz Guitar Kathryn Rae Gorski, Oboe Stephen Grealish, Computer Music Composition Savannah Praytor Guest, Violin Jasmine Hogan, Harp Xinlu Huang, Piano Joseph Hughes, Horn Lee Halbert Hunter, Guitar Alexandra Taraneh Iranfar. Gnitar John Caleb Johnson, Viola Rachael Elizabeth Jones, Viola Hleb Kanasevich, Clarinet Tatevik Khoja-Evnatvan, Percussion Ha-Young Kim, Violin Jason Jehoon Kim, Violoncello Sungpil Kim, Piano Ye Ji Kim, Violin Tomasz Maciej Kowalczyk, Percussion Dae Sul Peter Kwon, Violin Young Chae Lee, Piano Victor Yusen Li, Organ Ian William Lowther, Recording Arts and Sciences and Tuba Marie Noel Marquis, Voice Anna Lisa Meadors, Saxophone Mark Gabriel Meadows, Jazz Piano Scott Alexander Nadelson, Trumpet Bijan Olia, Computer Music Composition Daniel Glenn Price, Recording Arts and Sciences and Trombone David Vincent Rocea, Bassoon Jason Graham Pappo Rogers, Jazz Saxopbone and Recording Arts and Sciences

Dmitry Aleksandr Samogray, Piano Lindsay Anne Scattergood, Oboe Amber Marie Schwarzrock, Voice William Scott Jr., Harpsichord Charles-Patrick Berkowitz Sekel, Jazz Piano Gaurav Sharma, Recording Arts and Sciences Timothy Charles Sherren, Guitar Katie Smirnova, Violin Kelsey Tamayo, Music Education and Percussion Ta-Wei Tsai, Piano Francis Wagner, Double Bass Joel Dustin Weszka, Clarinet James Bernard Williams, Music Education and Saxophone William Westley Wisnom Jr., Organ Weichao Xu, Piano and Recording Arts and Sciences Kimberly Meredith Zaleski, Flute Daniel Mitsuhiro Zink, Violin

## THE SCHOOL OF NURSING

#### Bachelors of Science May 26, 2011

Melissa Rochelle Arbar Joanne Marie Arellano Lindsay Jean Ashby Abby Kathryn Austin Kristina L. Baroska Patricia Bermudez Justin Matthew Bilik Gina Marie Blades Kirsten Alma Blomberg Matthew John Boldt Janine Denise Borromeo Alexandra Lee Bratschie Allison Kay Brown Erica Janette Bublitz Johannah Lena Butler Madison Blair Campbell Nicole Marie Canepa Ghislaine A. Cedeno

Esther Chang Ashley Elizabeth Chappell Tina Elizabeth Chikovani Kimberly Bun Chung Courtney Lauren Clemmens Adam Warfield Cooley Kimberly Nicole Crouse Kara Elizabeth Cruice Jocelynn Del Pilar Cruz Andrea Drew Danielson Simmone Lamb deBeaubien Mariya Valervevna Deutsch Lindsay Lee Dobucki Rose L. Dorval Matthew Timothy Doty Kelly Elaine Dunn Kelleigh Michele Eckenrode Christine Marie Engeman Jessica Marie Faulhaber Christina Marie Franker Kelly Lee Frantz Michelle Ann Fronduti Angela Dawn Fulmer Amanda Leigh Gajdosik Brittney Michele Gangemi Kira Nicole Gelineau Brittany Michele Gerardi Amanda Naomi Gres Lindsay Rae Harrelson Susan Claire Harrison Nicole Lilian Heidelberg Alicia Jeanine Hendrix Jacqueline Michelle Herd Sara Renee Hernandez Ashly Lydon Higgins Hai Yen T. Ho Sarah Lindiwe Hobongwana Samuel Linwood Hoffman Melissa Ray House Sarah Fang Huang Paul Louis Imgrund Eric Joseph Ipsen Carolyn F. Jameson Krista Allison Jin Katie Michelle Johnson Mohammed S. Kamara Cathy McHugh Karska Ani Siran Kazanjian Ashley Allyn Kilgore Christina Y. Kim Jeyoung Kim Kathleen Brown Kirley Meghan Rose Kull

Marcella Elizabeth Leath Jihyun Lee Claire Maylor Logue Jennifer Anne Lopez Emily Kathleen Mackin Gabrielle Marcelline Manton Anna Elizabeth Martin Jessica H. Martin Stephanie Elise Martin Caitlin Marie McIntvre Catherine Christina Meadowcroft Danielle M. Miller Laura Ellen Mitchell Anna Jane Murphy Promise Avodele Olomo Hannah Elizabeth Paulsen **Jennifer** Elaine Peace Anna Rae Peterson Margaret Ellen Plattner Lara Adrianna Popel Tal Raizer Amy Louise Roberts Virginia Lee Rollins Bethany Ann Roth Sarah Aimee Rubard Norbu Sangpo Sarah Jane Schlotterbeck Sarah Marie Schoen Lisa Marie Sharp Katya Simon Abosede Olusola Sobo Tenley Maris Spatz Kara Elizabeth Sporik Eun Jung Suh James Richard Sullivan Amy Natalie Tannenbaum Jennilyn Paula Tannesen Carol Susan Thelen Samantha Leigh Title Quynh Le Ngoc Tran Jessica Ann Trizna Melinda Ann Vorpahl Anna Elizabeth Holt Walker Anna Katharine Weichel Alison T. West Amanda Rocio Wiese Jessica Michelle Winicki Rachel Paige Wood Monique R. Wyman Amanda Jo Youngman Cecilia Eunji Yu

## Bachelors of Science July 22, 2011

Danielle Abraham Aitalohi Amaize Katherine Daniel Anderson Jody L. Andrade Maria Francesca Larissa Anselmo Sarah Kingsley Hong Barker Claire Elizabeth Berthold Laura Rae Boeckner Brianne Michelle Boylan Shannon Lynn Brown Alyssa Bruno Jacqueline N. Brysacz Anna Jane Capp Mandy Jean Chavez Kristen Jamie Chin **Rvanne Elise Clarke** Maredith Tracey-Lauren Close Alexandra Joan Cohen Erin Elizabeth Conner Kate Daignault Megan Anne Diehn Amanda Blackburn Dowell Colin Murray Doyle Indre B. Doyle Jessica Kathryn Egan Naomi Elizabeth Fener Lauren Elizabeth Fennell Leia Larise Foster Virginia Ann Frontiero Jessie Ondina Fuentes Karoline Kay Galea Anna Louisa Schwinn Gerstmyer Rahwa Gessese Andrea Lynn Girard Danielle Marie Goldberg Abby Lynn Goldstein Erin Nicole Gonsalves Stacy Darlene Gwatura Nyssa Marie Halgrimson Kristen Nicole Hampson Stephanie Yu-She Han Sarah Virginia Sweet Harper Katrina Faye Harston Jamie Lynn Hatcher Johanna Renée Heilman Walter Herman Hessler Elizabeth Maria Hill Judith Kristin Hill Emily A. Hutto Sara Ilyse Jacobson Allison Jagers

\*Degree conferred August 27, 2010 \*\*Degree conferred December 30, 2010

Ravi Kumar Jasti Nora Elizabeth Jens Kyle Peter Jensen **Emily Sue Johnson** Lisa Marie Johnson KeAndra R. Jones Melissa Fox Jones Terra Anne Campbell Jones Lily Spencer Kielman Eileen Patricia Kiley Anne Elizabeth Kintop Natalie Gray Kornbluth Jill Springer Kronick Tricia Dwyer Krueger Sara Evangeline Larson Janet Farnsworth Lawson Natalie Errolette Lawson Caleb Ray Ledford Jamison Shiro Litten Christina Cahill Loarie Tracey Michelle Hammond Long Diana Lora Kendra Diane Ludwig Ann Ruffner Marler Carey Lynn Martinez Kristen Liu McConnell Kerry Shannon McDonough Colleen Marie McEachern Margaret Labrusse McLean Aaron Saricks Merrill Jessica Lynn Might Erin C. Miksic Jessica Ann Miller **Taylor Elise Morrison** Samantha Rae Moss **Emeline** Mugisha Jeffrey Naoki Nakamura Naz Nami Rogé Dean-Paul Nelson Gretchen Nettle Amy Evelyn Oliver Kelly Jane O'Neill Leah Ming Yee Pang Marissa Jane Patterson Lucine Marie Petit Francis Rachel Elizabeth Ranz Katrina Elizabeth Reiser Claudia Margarete Rotter-Cotts Kristen Nicole Sanders Lauryn Judith Saxe Caroline Eva Schildbach Hunter Paul Schulz Ashley Christine Schuster

Lindsey Blair Ann Scott Sera Senturk Abena Audrey Serwah Whitney Michelle Sharpe Aimee Sheeran John M. Sprey Joshua Allyn Steen Amanda Renee St. Ivany Jennifer Lynn Tanner Lindsay Erin Tedeschi Alyssa Joy Tom Shaun Marie Tompkins Lauren Theresa Toussaint Stephanie Ahle-Kalb Turner Linda Ngozi Uche Vlada Usherenko Lindsay Nicole Uveno Brvnn Danielle Walker Cara Louise Ward Carly Jane Wasserbach Nora Kalila Werner Stephanie Ching Wong Sara Marie Wood Amanda Jeanne Woodwell Danielle Nicole Wray Allison Marisa Yee Flora Choonhua Yee-Kwong Lauren Rose Zegers Diana Celeste Ziser

## THE G.W.C. WHITING SCHOOL OF ENGINEERING

## Bachelors of Science in Applied Mathematics and Statistics

Eric Andrew Brodie Ii Ho Chun Cynthia Elizabeth Cozzetto Joshua Robert Furer Joshua Michael Greenspan Kyle Henry Halleran Gregory Redmond Harbeck\*\* Kathleen Growney Heslin Eileen Huang\*\* Ngong Chiu Sunny Kam Gregory Alexander Kheyfets Ah-young Kim Diana Kim Rachel Amanda Kloss Victor Yusen Li Evan Gilman Okin

Steven L. Pearlman Alexander James Ropson Courtney Lynne Souza\*\* Ashleigh Ann Thompson Andrew Ran Wang Michael Seung-Jun Wee Andrew Mitchell Woodward Migiam Yiu Ian Yian Zhang\*

## Bachelors of Science in Biomedical Engineering

Pichet Adstamongkonkul Alexandros Afthinos Patrick Adam Armstrong Lorre S. Atlan James Steven Barger Murat Bilgel Thanapoom Boonipat Elizabeth Worley Cha Andrew S. Chang Ryan Chang Yu-Cherng Channing Chang\*\* **Jiniie** Chen Tom Tao Chen Eun Sook Choi Ariella Tzila Cohain Sanjit Datta Lindsey Alexandra Dean Adam Christopher Diehl Yifu Ding Brandon Duc Doan John Edward Downey\*\* Ashish Dua Jarwei Fang Steven Enrique Flores\*\* Yufeng Guo Akriti Gupta Anshuman Gupta Shizue Haffeman-Udagawa Andrew Scott Harwell Matthew T. Haynes Ping He Tony Lizhang He Jeffrey Kenneth Hirschey Brian Hao-yn Hsi Lara Renee India Nisha Ramdas Iyer Julie Mingjue Jiang Clinton Yeow Jung Qingwen Kawaji Marie Flizabeth Noel Kelly

Gabriel Min Kim\* Hong Seok Kim\*\* Sharon Hope Kim Ami Emily Kumordzie Ian Lee\*\* Inhwa Tina Lee Jan Lee Albert Ming-Yen Liao Yu-An Lien Jung Ming George Lin Jonathan Ling\* Brian Guan-Chyun Liu Solomon Shou Liu\*\* Alexander Lo Adam Lu Rvan Walter Majkowski\* Daksh Malhotra Sameer Sudhir Manek\*\* Jessica Irene Mao Rhul Evans Marasigan Iessica Erin McDade Christopher Colin Neoh Tiffany Ng\*\* Aaron Jacob Noparstak Sharon Jane Ovadia Jimmy Yu Pan Matthew Vincent Panico Jennifer Lynn Paulucci Emily Nicole Platz Sandra Milena Reves Robert Yoshi Romano Michelle Roytman Kaitlin B. Schaefer Swarnali Sengupta Hyun-Sun Seo **Baris Sevinc** Chirag Shah Jinesh Shah Marlene Ting-Ting Shi In Jeong Shim Angelo J. Sibilio Anthony T. Sin Avik Som Raja Ram Srinivas Ceylan Fee Tanes Christopher Tang Margarei Elizabeth Thorpe Nathaniel D. Fippens Hanlin Wan Charles Chung-Jen Wang Geolfrey M. Wang Andrew David Warren Andrew David Wisneski

#### BACCALAURFATF DEGREES —

Luccie Maning Wo Laura Ah-Young Woo Iennifer Irene Wood Michelle Sihwa Wu Xin Alice Wu Shawn Xiang Xie Hang Shawn Xu Bin Quan Yang Tony Y. Ye Alex Yeh Apurva Yeluru Phillip Yen Bo Kyung Yoon Yuanting Zha Ariel Yuqing Zhao Weixi Zhong Weizhuang Zhou

## Bachelors of Science in Chemical and Biomolecular Engineering

Sarah Amal Abaza Rajnush Agarwal Bradford Scott Allen Jr. Nana Y. Atuobi William Leverant Bagdorf Paul Baublitz Evan Harris Baugh Hannah Kathleen Bergman Vivek Bose Victoria Maria Braida Jaewon Choi Jeffrey Hokuan Chu Stanley Wing Hong Chung Dean Earley Clark John David Coia Evan Leight Collins John Lawrence Cooper Christopher Braden Deal Kali Anne Del Signore Kiersten Marie Dockeney\*\* Geoff Dworkin Sarah Elizabeth Feicht Sean Walter Fothergill John Michael Garcia Michael Christopher Gardner Jose Angel Gonzalez Jennifer Marie Greisler\* Zheyuan Guo Steve S. Han Steve Hu\* Kevin Brett Hueber

Simran Singh Hundal Moon Im\* Russell Paul Jampol Rudy Joly Levi Ndiukwu Kanu Mert Karakov Brian P. Keelev Dale Franklin Kreitler Kevin Kuo Hye Soo Lee Andrew Douglas Lin Jason Jie-Sheng Liu Agatha Lyczek Andrew Chi Ma Debiani Debasish Mallick Gulsum Meric\*\* Xavier Saud Mohammed Adithya Murali Weston Case Nadherny Sezgi Nuzumlali Akshay S. Paintal Kye-Young Park Kevin D. Parrish Kevin Michael Prima Sarah Katherine Pulicare David John Rezzo Fritz Ramon Sassine Kevin Andrew Schafer Caitlin Joy Schram Danica Marie Sheth Courtney Erin Smulovitz Francis Michael Sweeney Siah Hong Tan Douglas Leonard Tonkinson Rishi Kiran Trivedi Ankit S. Vartak Anthony Joseph Venditti Chelsey Ann Wood Alexander Wu\*\* Xinlei Wu Philip Yang

## Bachelors of Science in Civil Engineering

Mark Philip Beytas Hannah Beth Blum\*\* Joshua Francis Bonetto Nathaniel A. Dwyre\* Andrew Joseph Faulkner Jennifer Bridget Folinusz Orey S. Graham John Francis Henry Valerie Alix Levrant Dara Suzanne Male Alysson Margaret Mondoro John Travers Rodman Dawneshia Monet Sanders Theohariti Sevdalis Lauren Nicole Thompson

## Bachelors of Science in Computer Engineering

Stephen John Edwards Ryan Matthew Fay Adam E. Feinstein Clayton James Garfinkle\* Jonathan Andrew Gordon Kieran Kiyoshi Gupta Alexander Montgomery Heinz\*\* Doanwhey Alexander Hsieh David G. Jeang Robert Nicholas Keleher Shawn Molter Orr Andrew Jeffrey Sender Paul Robert Wilkening

## Bachelors of Science in Computer Science

Gustavo Daniel Barcena Alexander Raymond Blum William T. Chang Samuel Wilson Clawson-Simons Evan Louis Goldschmidt Wilson Guan Manaswi Gupta Buse Guven\*\* Tian Han\*\* Edward David Holzinger Paul Daniel Martin Jeffry P. Orthober Jr.\* Alexander Rozenshtevn\*\* Marcus M. Sanchez Jonathan Michael Satria Michael Christopher Smith Wolfgang Christoph Wagner Jeremy Michael Weiss Iames E. Woo\* Luwei Zhou

## Bachelors of Science in Electrical Engineering

Syed Haris Ali Grant Stuart Anderson Justin Donald Bradfield\* Brandon Jay Demory Jasmine Le'cole Jones Juliano Lee\*\* Charles Pao Blaze Douglas-Ali Sanders\* Weichung Shaw Zain Ali Syed Jessie L. Young Salman Zafar\*\*

## Bachelors of Science in Engineering Mechanics

Tabor Jean Barranti Justin David Lee

## Bachelors of Science in Environmental Engineering

Weston Anderson Hon-Yu Chan Reagan L. Cuddy Rachel Caroline Gross Anjali Gupta\* Sarah Kingsley Hathaway Meagan Growney Heslin Alexander J. Hoogland Sean Patrick Murphy Jin Tao Mary Katherine Vitale

## Bachelors of Science in Materials Science and Engineering

Thomas Peter Batcho Maxfield Emile Borchard\* Derek Kingman Cheng Jun Sung Chung Chloe Yookyeong Kim Nicholas Michael Krywopusk Yixin Luo Jennifer Marie Motylinski Nitish Dilip Niphadkar Clayton Hunter Rische Gregory Alan Schlichter

\*Degree conferred August 27, 2010

#### BACCALAUREATE DEGREES -

Christopher Manuel Serrano John Matthew Szymanski Jr.\* Laura Michelle Veldhuis

#### Bachelors of Science in Mechanical Engineering

Stephen Lloyd Alexander **Robert Paul Auger** Daniel Wallace Bagdorf Andrew Charles Barnett Casey Morgan Blythe Siobhan Callanan Laura Michelle Carson Ryan Samuel Decker Brent Timothy Dolan Alexander Charles Englesbe Brian Joseph Esoda Matthew Craig Gombolay Lee Daniel Grosbard Brandon Thomas Hahn Ana Maria Johnson Alanna Okiko Klos Eric Paul Levenseller Eric Michael Lubben Matti Veikko Kalevi Mäkelä James Peter Mandaglio Elizabeth Anne Martinez Timothy Wachira Munuhe Kevin Andrew Ryan Diana Sandy\*\* James Tor Schneiders Logan S. Shannahan Alex Martin Vacharat James Hovey Weisheit Maxwell Henry Wieder

#### Bachelors of Arts

Tessa Caroline Caudle, General Engineering Monika Chodkiewicz, General Engineering\* Chelsea Mary Gonzales, General Engineering

## Bachelors of Arts in Applied Mathematics and Statistics

Ilya Subkhankulov Christopher Lawrence Wilson

## Bachelors of Arts in Computer Science

John Calvin Anderson\*\* Joel Joseph Scaria Eli Charles Sutton Elaine Marie Zapata\*

#### THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

## Bachelors of Science in Molecular and Cellular Biology

Rocky Mitsuaki Barilla Mohammed Nadir Bhuiyan Eric James Brownhill\*\* Luke Yuung-Jier Chang Eric A. Chen\*\* Ann Chu-An Cheng Godefroy Sullyvan Chery Tiffany Alexandra Coupet Alec Sandon Dancy Jose Miguel Deschamps Leiberh Noel Diaz Christopher Marc Fernandez Charlotte Emmanuelle Floria Polly Bo-Yi Fu\*\* Sean Li Gao Rupen Garg Olga Guzovsky Adante Ralphael Hart Camille Francesca Medina Hawkins Kendall Defrawi Hoff\* **Jennifer** Hou Hwa Huang Isabel Emiko Ishizuka Javaneh Jabbari Dhong Eun Jung Anne Michelle Kirwan\*\* Alexandra Diana Troy Kwit Ashley Elise Lai Luke J. Lee Ting Chieh Lin Ross Bennett Linker Mariya Borisovna London\*\* Xu Lou Rachel Rebecca Love Albert Thein Lwin\*\* Elliot Nathaniel Mahlof

David Neal Moorshead Silvina Andrea Om Joseph Lee Orofino Lauren Alexandra Peters\*\* Christopher William Pohlmeyer Rohan Jay Prabhu Ryan Charles Rauck Samantha Marilyn Ruff Christopher Lawson Ruland Samara Crystal Rutenberg Sarah Hemi Ryu Dominique Yuan Bin Seow Desiree Monique Simpson **Jean Allen Smith** Daniel Wai-Chung Tam Rachit Mayank Vakil Christina Rose Valerio Christine Vazquez Pradheep Vemula Ann Xl Wang Catherine Murphy White Diana M. Wohler Annie Ai-Li Wu Julia Elizabeth Wynne Kil Sung Yang David H. Yoo\*\* Angela Young Xin Zhou

## **Bachelors of Science in Physics**

David M. Bjergaard Benjamin Joseph Brida\*\* Robert-Michael Agor Calimlim Brandon Ross Cohen Richard Alan Coleman Jr. John William Connolly Anthony Joseph Dichiara David Solomon Erani Douglas Warren Ferrer Stephen James Hageman Peter David Hepplewhite Adam Lee Johnson Jacob A. Mokris Justin Alexander Rubin Yichen Shen Justin David Silverman Jerome Ronald Simons Peter Emery Wildfeuer Andrew Yip Mark Andrew Ziegler

#### Bachelors of Arts

Ashley Elimar Aaroe, Nenroscience Robert Jacob Abramovic, Mathematics Julie Finsmith Abramowitz, Writing Seminars Shayna Sarah Abramson, History Nikki Meryl Ackerman, Public Health Studies Elly Adams, International Studies Jillian Renee Adams, Public Health Studies Avesha Tahir Afzal, International Studies\* Anshul Agarwala, Public Health Studies Angela Dimatulac Aherrera, Bebavioral Biology John Alexander Alberici, **Political Science** Cynthia Ann Alessio, Neuroscience Michael Anthony Alfieri, Writing Seminars Amna Said Ali. International Studies\*\* Nora Yussuf Sultan Ali, Public Health Studies Adriane Janelle Alicea. **Political Science** Meena Khalid Al-Talib, **Political Science** Ariel Noel Anderson, International Studies Joseph Michael Antompietri, Economics Vanessa Monique Armendariz, Public Health Studies Tamara Irma Arnautovic, Public Health Studies Thomas Michael Artaki, International Studies Logan Marie Ashcraft, International Studies Jordana A. Paulme Askanas, Nenroscience\*\* Diana Asiiz, International Studies Katie Rachel Auerbach, Psychology Joshua Ayal, Economics Colin Azariah-Kribbs, English Rebecca Azhdam, International Studies

\*Degree conferred August 2\*, 2010 \*\*Degree conferred December 30, 2010

#### BACCALAURFATF DEGREES

Munisa Mohamed Bachu, Antbropology\*\* Aishat AnuOluwapo Bakare, Public Health Studies Gerard Alexander Baldie, Biology Takia Alexandra Banister, Psychology Ian Barclay, Philosophy\* Jill Browning Barclay, Writing Seminars Emma Margaret Barnett, International Studies Kevin Michael Barnett. Bebavioral Biology John Charles Barrett, Biology Kathleen Creed Barros, Psychology Kate Lee Barry, Public Health Studies\*\* Katherine Rose Barry, International Studies Rachel Cohen Bass, International Studies Patrick Esien-Ekpe Bassey, Economics Toshiro Jeffrey Baum, International Studies Nia Naomi Bayne, East Asian Studies Asa Kahn Beal. International Studies Derrick D. Beasley, Public Health Studies Kristen Marie Beerhorst, History Danielle Kristina Beharie, Public Health Studies Simon Belokowsky, Economics Alexander Ian Bereny, Political Science Caroline Yontz Berger, International Studies Natalie L. Berkman, Freuch Harry Isaiah Black, Philosophy Caroline Canaday Bleggi, International Studies Elizabeth Aylesford Carey Boden, Earth and Planetary Sciences Katharine Boehner. Public Health Studies\* Jean Ah Boisvert, Psychology

Kimberly Elizabeth Bolivar, Biology Lize-Anne Victoria Bonhomme, Antbropology Shayna Robyn Bordy, Film and Media Studies Margaret Virginia Bowen, Psychology Alison Leigh Boyle, Public Health Studies Amanda Jean Boyle, Writing Seminars Steven Francis Boyle, Political Science Nicholas Alexander Brady, Philosophy Maria T. Braileanu, Nenroscience Ariana Zievers Branchini, International Studies Jessica Elizabeth Brandt, Public Health Studies Carrie Brauer, International Studies Jeremy Allan Bremer, Writing Seminars Sarah Rose Bresler, History of Art Emma Caroline Brodie, Writing Seminars Amy Elois Purviance Bross, Public Health Studies\*\* Megan Nicole Brower, Biology\*\* Jade Crystal Brown, Public Health Studies Xiavian Rommell Brown, Psychology Angela Charisse Brown-Pettigrew, Chemistry Mary Eleanor Brugger, Public Health Studies Angelica Janeth Buerkin-Salgado, Cognitive Science Sean Michael Bugbee, Public Health Studies Ronald Scott Bukoski, Biology Sharon Bukspan, Public Health Studies\*\* Josh David Bundy, Public Health Studies\*\* Ashlin Burkholder, Psychology Dominykas Burneikis, Public Health Studies\*\*

Alexandra Blaire Burstein. International Studies Lyndsay Ann Burton, International Studies Raford Wainwright Bussey Jr., Writing Seminars Alexandra Perry Byer, Film and Media Studies Afiya Kamania Bynoe, Public Health Studies\* Michael Brendan Byrne, International Studies\*\* Justin Byun, Biology Angelica Connie Calderon, Economics\*\* Solara Cecile Calderon, Psychology Danielle Marie Calderone. International Studies\*\* Phoebe Nicola Campbell, Political Science Woodrow Wiley Campbell, International Studies Christopher Michael Capuano, International Studies Emily Elizabeth Carambelas, Archaeology Steven Cardinali, Biophysics Derek Anton Carey, Chemistry Lauren C. Carney, Writing Seminars Robert Wilkinson Carr. International Studies Kearra Nicole Carter, Psychology Fabrice Michael Casseus, Nenroscience Conor Stokes Cassidy, Political Science Kamilah Alleen Castro, Neuroscience Trisha Chakraborty, Economics Tiffany Yee-duk Chan, Economics Shivi Anil Chandra, International Studies Giselle Aubrey Chang, International Studies Jonathan Michael Charny, Cognitive Science Max Michael Chautin, **Political Science** Audrie Aliza Chavez, Biology Crystal Chen, Neuroscience

Kenneth Chen. International Studies Wayland Chen, Physics\*\* Wesley C. Chiang, Public Health Studies Abir Chisti, Bebavioral Biology Veronica Pui Shan Chiu, International Studies Hun Min Cho, Biology Joonhee Cho, Bebavioral Biology Michael Cho, Biology Seung Eun Cho, Psychology Youn Keong Cho, Biology\*\* Jennie Kim Choe, Neuroscience Caitlin Hee Choi, Public Health Studies Daniel Earl Choi, Psychology Jihoon John Choi, Public Health Studies Se Eun Jennifer Choi, International Studies Seungbo Choi, Public Health Studies\* Yu Jin Choi, Neuroscience Farah Jakia Chowdhury, Public Health Studies\* Minhaj Chowdhury, Public Health Studies Danny Choy, Public Health Studies Danielle Catherine Christie. Economics Michael Mon-Lwin Chu, Nenroscience Kelly Ya-Jin Chuang, Biology Christina Hae-Jung Chun, Bebavioral Biology Sung-Hwan Chun, Economics\*\* Yong Hee Chung, Biopbysics Scott Russell Clark, Public Health Studies Mary Ashley Clarke, Psychology Devon Ashley Cohen, Public Health Studies Matthew George Cole, Economics Catherine Dene Elizabeth Coleman, History Devin William Collins, Public Health Studies Andres Agustin Contreras, Psycbology

Karen Iwen Chen, Psychology

<sup>\*\*</sup>Degree conferred December 30, 2010

#### BACCALAUREATE DEGREES

Maura Anne Coughlin, International Studies Claire Elizabeth Cravero. International Studies Brianna Marie Cronin, Sociology Daniel Robert Crowley, Economics Husain Haiderali Danish, Chemistry Ishan Dasgupta, Philosophy\* Alison Anne Daubert, Writing Seminars Margaret Alice Hart Davidson, Natural Sciences Area Chung-Ha O. Davis, Neuroscience Claire Susannah Davis, Writing Seminars Kaitlyn Marie Davis, Writing Seminars Sofia Elisabetta De Benedictis, International Studies Daniel Andres De Leon, Economics Michael Christopher de Lyon, Economics\*\* Pierce Christian Delahunt. Psychology Stephanie Melissa Delman, Writing Seminars Elizabeth Amy DeMeo, International Studies Yana Demireva, Antbropology Katelyn Grace DeNio, Neuroscience\* Anna Helena Zander Denis, Autbropology Julie Anne DePasquale, Writing Seminars Rhiannon Marie Desideri, Bebavioral Biology Camille Genevieve Dessaigne, Public Health Studies\*\* Kristin Brooke Deuber. Public Health Studies Haley Elizabeth Deutsch, Public Health Studies Dakota Patricia DeVos, History of Art Mckeisha Jewel Dick, Natural Sciences Area Alica Mercedes Diehl, Neuroscience

Matthew Erik Diener, Chemistry Molly Danielle Dillon, Sociology Rachel Helen Dillon, English Peter A. Dimaria, Economics Ionathon Paul Ditroia. Natural Sciences Area\* Therese Noelle Dizon, International Studies Martina A. Dodd, Antbropology Yuho Doh, Neuroscience Matthew Evan Dolente, Economics\*\* Yuliana Dominguez, History of Science, Medicine, and Technology\* Alvaro G. Donoso, Neuroscience Timothy Jensen Donovan, Political Science Timothy Paul Dotzler, Economics Elizabeth Rae Dowdle. History of Science, Medicine, and Technology Ehsan Parchehbaf Dowlati, Neuroscience Kevin William Doxzen, Biopbysics David Robert Drake, Economics Liliane Josephine Duchene, Romance Languages Stephen Dunlap, Neuroscience Sarah Rachel Durica, Political Science Max Klinghoffer Dworin, International Studies Abigail Boyer Dwyer, History of Art Catherine Alanna Eagan, **Political Science** Kenneth Llewelyn Eaton, **Political Science** Shanna Rachelle Edberg, International Studies Blake Edwards. Public Health Studies\*\* Jamie Alisanne Edwards, Bebavioral Biology Emilie Cher Efronson, Public Health Studies Heather Michelle Ehrlich, Behavioral Biology

Eva Shoshana Eichen,

International Studies\*\*

Bailey Herron Eisen, International Studies Iuliette Manon Eisner. International Studies Yasmine Mazhar Elamir. Philosophy Scott Michael Elliott, Economics Mohammad Elsaved, Neuroscience Derek Steven Ems. Public Health Studies Kyle Andrew Engelmann, Neuroscience Rachel Gabrielle Epstein, Film and Media Studies\*\* Jared J. Esopo, International Studies\* Kate Marie Esterline, Psychology Katherine Lee Evans, Public Health Studies Anne Elizabeth Faber, International Studies Jennifer Mae-Ellen Fair, International Studies Olawunmi Adejoke Fajobi, Psychology Hayley Joann Falk, Public Health Studies Michael Fang, Neuroscience Jessica Renee Fell, International Studies Michael Brodie Fellows, East Asian Studies Michael Edward Ferrante, Writing Seminars Isaac Joseph Finkelstein, Writing Seminars James Anthony Finklea II, Natural Sciences Area Katherine Martha Firestone, International Studies Aliza Miriam Fishbein, Public Health Studies Rebecca Anne Fishbein, Writing Seminars Ares Nicholas Fisher, Neuroscience Eta Flamholz, Cognitive Science\*\* Ariela Marni Fleisig, Economics Miriam Chaya Fliegner, Biology\* Angela Aurora Flores, International Studies Kayla Marie Floyd, Psychology

Conor Patrick Foley, International Studies Rose Simone Foran. International Studies Lacev Alyssa Forman, Spanisb\*\* Sarah Beth Frank, Earth and Planetary Sciences Rachel Avra Freedman, International Studies Brittany Nakita Constance French, Public Health Studies Mara Danielle Harkavy Friedman, Writing Seminary Zohar B. Friedman, Writing Seminars\* Elizabeth Lee Fuller, Antbropology Pooja Meenakshi Ganesan, Antbropology Kasia Jowett Garland, Psychology Matthew Connor Garland, International Studies Luwam Teklemariam Gebrekristos, Public Health Studies Jared Craig Gelbs, Public Health Studies Laura Catherine Gelston, Public Health Studies Eric Nicholas Alexander Generous, Biology\* Pegah Ghamasaee, Neuroscience John J. Giampa Jr., Public Health Studies Claudia M. Giangrande, Philosophy\* Sarah Hopkins Gieszl, Anthropology Ravi-Inder Singh Gill, Economics Nicholas James Gilson, Earth and Planetary Sciences Amanda Giorgio, International Studies Bennett Austin Givens, International Studies Joshua Phillip Gleason, Film and Media Studies Romy Danielle Golan, Writing Seminary Dylan Michael Goldberg, Public Health Studies

#### BACCALAUREATE DEGREES

Steven Bruce Golding, Philosophy Michael Patrick Good, Public Health Studies Eric Daniel Goodman. International Studies Douglas Lowell GoodSmith, Neuroscience\*\* Elizabeth Lauren Gordon, Psychology\*\* Miles Phillip Gordon, Behavioral Biology Eric J. Gormelev, Economics Maria Karen Granato. International Studies Camille Allison Grant, Public Health Studies Sarah Helen Grant, Writing Seminars Emily Serena Graves, Psychology Sara Elizabeth Grayson, Spanish Clare Elizabeth Grechis, Public Health Studies Sharon Hope Green, Public Health Studies Katherine Greenberg. Political Science Sydney Beth Greenberg, Public Health Studies Benjamin Zvi Greenfield, Philosophy Anne Marie Griffioen. Public Health Studies Allie Ann Grither, Public Health Studies Robert Lawler Grobman, Film and Media Studies Paul Scott Grossinger, **Political Science** Matthew David Groves, Political Science Joseph Salvatore Guarino, Political Science\*\* Iulia Helen Guarino. Environmental Earth Sciences Sarah Elrayah Gubara, Psychology Michelle Petra Gulino, Political Science Rajesh Mohan Gunaji, Neuroscience Lillian R. Gurtowski. Mathematics

Jessica Ashly Gutierrez, Spanish Miriam Cristina Guzman. Public Health Studies Vanessa Guzman. Public Health Studies Barbara Ha. Public Health Studies Kristina Lee Halverson, Biology Hye Jeong Han, Neuroscience Min Kyu Han, Political Science\*\* Tamar Harel. Natural Sciences Area\*\* Jasmin Marie Harpe, Neuroscience Courtney Leigh Harris, International Studies Lena Jewel Harris, Psychology Nicholas O'Neill Harsh, Writing Seminars Deepti Harshavardhana, Neuroscience Daniel John Hartigan, Economics Ellina Hattarn Public Health Studies Lauren Michelle Hawkins, Africana Studies Alyssa Emily Hawn, Writing Seminars Lorenzo Heholt, Economics\* Pia Elizabeth Heilmann, History of Art Danielle Marie Hendrix, Film and Media Studies\* Michael Joseph Henrici, Economics Grace Gwendolyn Henry, Philosophy Michael Lamont Higgins Jr., Public Health Studies Cecilia Paulette Higgs, Public Health Studies Imanyah A. Hilliard. Public Health Studies Daniel Bell Hochman, Political Science Jessie Sarah Hollingsworth, Public Health Studies Emily Anne Holthaus, Biophysics Karen Willa Hong, Public Health Studies Christian Swanson Honore.

International Studies

Nathaniel Thomas Hooks, International Studies Jasmine Amanda Hope, Public Health Studies Brian James Hopkins, Economics\*\* Storm Vanderzee Horine, Psychology Kalese Moragne House, Public Health Studies Sarah Kestner Howes. International Studies Justin T. Hsieh, Neuroscience Stephanie Hsu, Political Science David William Huang, Public Health Studies Xuan Huang, Psychology Jeffrey S. Hughes Jr., Economics\*\* Rohan Conder Hughes, Writing Seminars Jared Matthew Hullett, Writing Seminars Robert Huynh, Neuroscience Caroline Ferraz Ignacio, Public Health Studies\*\* Barbara Ioannidis, International Studies\*\* W. Maxwell Islinger, Economics\*\* Alexandra Wang Jabs, French Jonathan H. Jacobs, International Studies Sarah Danielle Jacobs, Behavioral Biology Jake Jaffe, Chemistry Hasan Adnan Janbieh, Africana Studies\*\* Andrew Martin Janeczek, Economics Whitney Harriet Janis, Writing Seminars Christopher Jeffery, Public Health Studies Andrew S. Jeong, Chemistry\* Yike Jin, Neuroscience Matthew Jo, Neuroscience Samuel David Jockel, International Studies Johanna Victoria Johnson, Public Health Studies Chinedu Oluchi Jon-Emefieh, Neuroscience

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Elizabeth Kay McDaniel,

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## DIVISIONAL CEREMONIES INFORMATION

## TUESDAY, MAY 24

The School of Medicine Convocation Ceremony was held Tuesday morning at the Joseph Meyerhoff Symphony Hall. The speaker was Henry Brem, M.D., Harvey Cushing Professor of Neurosurgery, professor of biomedical engineering, oncology, and ophthalmology, and director of the Department of Neurosurgery and the Hunterian Neurosurgical Research Library.

The Carey Business School Graduation Ceremony was also held Tuesday at the Joseph Meyerhoff Symphony Hall. Robert S. Langer, the David H. Koch Institute Professor at MIT, was the speaker.

#### WEDNESDAY, MAY 25

The Bloomberg School of Public Health Convocation Ceremony was held yesterday afternoon at the Joseph Meyerhoff Symphony Hall. Joshua Sharfstein, M.D., secretary of the Maryland Department of Health and Mental Hygiene, was the speaker.

The G.W.C. Whiting School of Engineering Graduate Ceremony was held yesterday evening on Homewood Field. James F. Pitts Engr '73 BES (EE) '77 MS (EE), corporate vice president and president, Northrop Grumman Electronic Systems, was the speaker.

#### THURSDAY, MAY 26

The Paul H. Nitze School of Advanced International Studies Diploma Ceremony is today at 3 p.m. in Constitution Hall, at 18th and D Streets NW, Washington, D.C. Josette Sheeran, executive director of the United Nations World Food Programme, is the speaker. A reception at the Nitze School follows the ceremony.

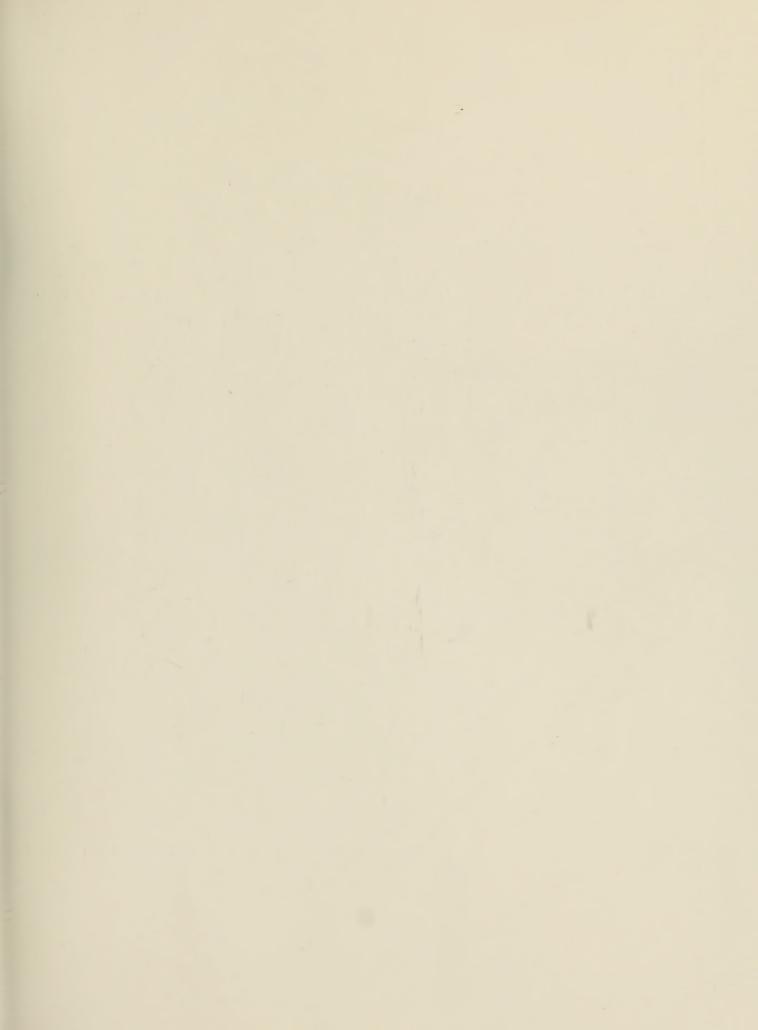
The School of Nursing Diploma and Awards Ceremony is today at 3 p.m. at the Hippodrome Theatre in Baltimore. Kathleen A. Dracup, RN, DNSc, FNP, FAAN, dean of the University of California, San Francisco School of Nursing, is the speaker.

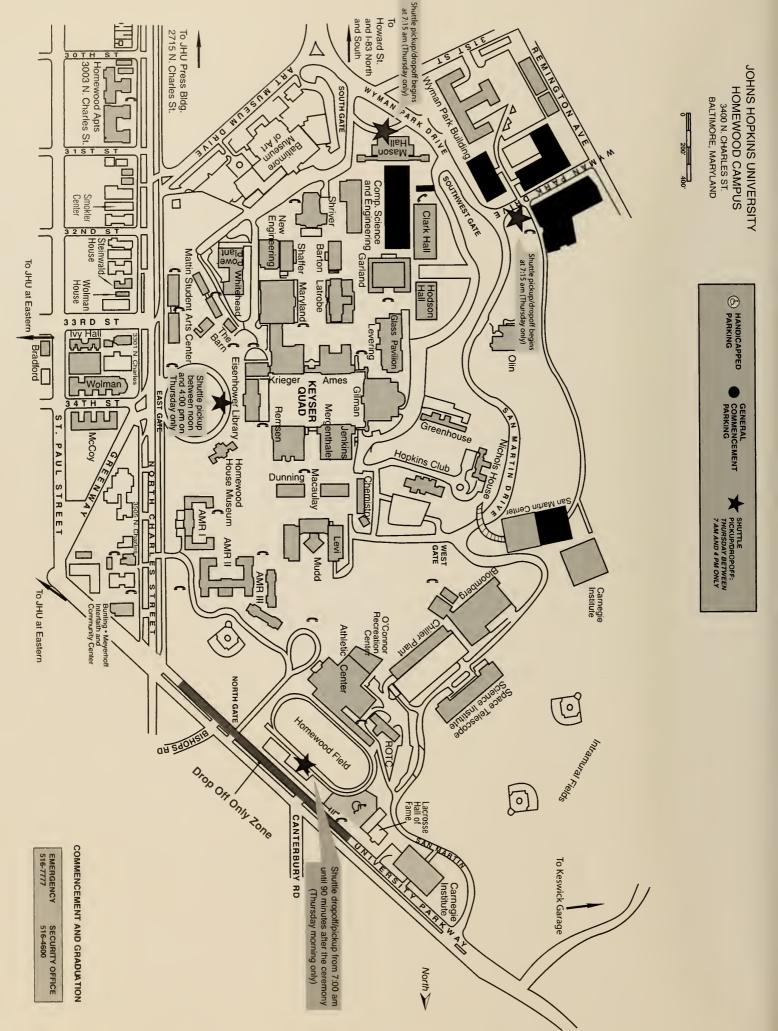
The Peabody Institute Graduation Ceremony is at 7:30 p.m. this evening in the Friedberg Concert Hall at the Institute. Soprano Marni Nixon, renowned playback singer for well-known movie musicals whose voice has earned her the sobriquet of "The Voice of Hollywood," is the speaker.

The School of Education Diploma Ceremony (except EdDs) is at 7:30 p.m. this evening on Homewood Field. Gary Knell, president and CEO of Sesame Workshop, is the speaker. A reception in the Ralph S. O'Connor Recreation Center immediately follows the ceremony.

#### FRIDAY, MAY 27

The Zanvyl Krieger School of Arts and Sciences Master's Degree Ceremony is tomorrow at 10 a.m. on Homewood Field. Thomas Lovejoy, the Biodiversity Chair at the Heinz Center for Science, Economics, and the Environment based in Washington, D.C., will be the speaker. A reception follows immediately in the Ralph S. O'Connor Recreation Center. Doctoral degree recipients from Arts and Sciences and their guests are also welcome.





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