# OMMENCEMENT

CONFERRING OF DEGREES at the Close of the 133rd Academic Year

# JOHNS HOPKINS UNIVERSITY

May 21, 2009 9:15 a.m.



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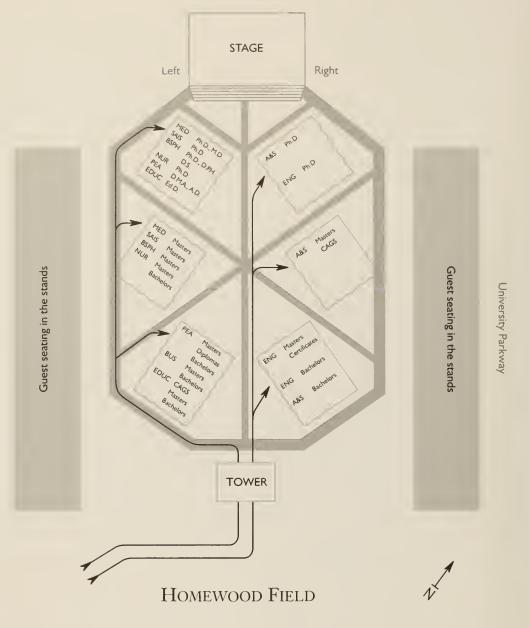
Candidates for Degrees ......33

Please note that while *all* degrees are conferred, *only* doctoral graduates process across the stage. Though taking photos from your seats during the ceremony is not prohibited, 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 Homewood Imaging and Photographic Services (410-516-5332, homewoodphoto@jhu.edu). Videotapes and DVDs can be purchased from Northeast Photo Network (410-789-6001).

We appreciate your cooperation!

# GRADUATES SEATING



#### Order of Seating Facing Stage (Left)

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

#### Order of Seating Facing Stage (Right)

Doctors of Philosophy – Arts & Sciences Doctors of Philosophy – Engineering Masters and Certificates – Arts & Sciences Masters and Certificates – Engineering Bachelors – Engineering Bachelors – Arts & Sciences

# Order of Procession

#### Marshals

Linda Adamson Nicholas Arrindell Randal Burns Edward Bouwer Marie Diener-West Richard Giarusso Eduardo Gonzalez Robert Horner Sanjeev Khudanpour Thomas Koenig Andre Levchenko

Betsy Lowry Adam Seth Litwin Sharon Olsen Mitchell Orenstein Joshua Reiter Elizabeth Tanner James Weiss Susan Forscher Weiss Melanie Shell Weiss James Yager

The Graduates

Marshals

John Baker

Tza-Huei Wang

The Faculties

Joshua Else

**Robert Spiller** 

Officers of the University The Trustees Members of the Society of Scholars The Deans

Marshals

#### *Chief Marshal* Alan Green

The President of the Alumni Association The Reader, Doctoral Candidates The Honorary Degree Candidates The Provost of the University The Chairman of the Board of Trustees The President of the University

# Order of Events

Ronald J. Daniels President of the University, presiding

PRELUDE

The Festival Brass

PROCESSIONAL

The Festival Brass

The audience is requested to stand as the Processional moves into the area and to remain standing until after *The National Anthem*.

> *Festive Marches* George Frideric Handel (1685–1759)

> > INVOCATION Albert Mosley University Chaplain

The National Anthem of the United States of America

Performed by Danya Katok, Peabody '09

GREETINGS Pamela P. Flaherty Chair of the Board of Trustees

#### GREETINGS

Geraldine Peterson President of The Johns Hopkins Alumni Association

# PRESENTATION OF NEW MEMBERS OF THE SOCIETY OF SCHOLARS

Kenneth C. Anderson Karen D. Davis Merrill J. Egorin Martha S. Linet Victor J. Marder Joel Moss Bernd Nowack Thomas A. Pearson

Jennifer A. Pietenpol James Piscatori Ralph E. Pudritz Anne L. Taylor Donald L. Trump Lai-Xi Wang Arnold-Peter C. Weiss

PRESENTED BY

Scott L. Zeger Interim Provost and Senior Vice President for Academic Affairs

> CONFERRING OF HONORARY DEGREES William R. Brody\* William H. Goodwin Jr. Richard Johns Thomas Lantos\*\* Nancy Pelosi\*

\*to be presented at the Zanvyl Krieger School of Arts and Sciences and the G.W.C. Whiting School of Engineering Undergraduate Diploma Ceremony this afternoon \*\*award posthumously

#### ADDRESS

Ronald J. Daniels President of the University

MUSICAL INTERLUDE

God Bless America

# CONFERRING OF DEGREES ON CANDIDATES

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 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 Deau The 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 Adam F. Falk James B. Knapp Dean The Zanvył Krieger School of Arts and Sciences

> Bachelors of Music Performer's Certificate

PRESENTED BY Jeffrey N. Sharkey Director, The Peabody Institute **Bachelors** of Science

PRESENTED BY Martha N. Hill Dean, The School of Nursing

Bacbelors of Science Graduate Certificates Masters of Business Administration Masters of Science Post-Master's Certificates

PRESENTED BY Yash Gupta Dean, The Carey Business School

Bacbelors of Science Graduate Certificates Masters of Arts in Teaching Masters of Science Post-Master's Certificates Certificates of Advanced Graduate Study PRESENTED BY

> Ralph Fessler Dean, The School of Education

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

> PRESENTED BY Martha N. Hill Dean, The School of Nursing

Gradnate Performance Diplomas Masters of Mnsic Masters of Arts PRESENTED BY Jeffrey N. Sharkey

Director; The Peabody Institute

Masters of Science Masters of Health Science Masters of Public Health Masters of Public Health/Masters of Business Administration

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

Master of Arts in International Affairs Masters of International Public Policy Masters of Arts

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

> Masters of Science Masters of Arts

PRESENTED BY Edward D. Miller Frances Watt Baker and Lenox D. Baker Jr. Dean of the Medical Faculty Gradnate Certificates Masters of Arts Masters of Civil Engineering Masters of Environmental Engineering Masters of Mechanical Engineering Masters of Science Masters of Science in Engineering Post-Master's Advanced Certificates

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

Certificates in Biotechnology Enterprise Certificates in Homeland Security Certificates in National Security Studies Masters of Arts Masters of Fine Arts Masters of Science Masters of Science in Bioinformatics Masters of Science in Bioscience Regulatory Affairs Masters of Science in Biotechnology Masters of Science in Environmental Sciences and Policy Masters of Arts in Applied Economics Masters of Arts in Communication in Contemporary Society Masters of Arts in Government Masters of Arts in Writing Masters of Liberal Arts Masters of Science in Biotechnology / Masters of Business Administration Masters of Arts in Communication in Contemporary Society/ Masters of Business Administration Masters of Arts in Government / Masters of Business Administration

> PRESENTED BY Adam F. Falk James B. Knapp Dean The Zanvyl Krieger School of Arts and Sciences

Doctors of Education

PRESENTED BY Ralph Fessier Deau, The School of Education

> Doctors of Musical Arts Artist Diplomas

PRESENTED BY Jeffrey N. Sharkey Director; The Peabody Institute

Doctors of Philosophy

PRESENTED BY Martha N. Hill Dean, The School of Nursing

Doctors of Science Doctors of Public Health Doctors of Philosophy

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

Doctors of Philosophy

PRESENTED BY Jessica P. Einhorn Dean, The Paul II. Nitze School of Advanced International Studies Doctors of Medicine Doctors of Philosophy

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

Doctors of Philosophy

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

Doctors of Philosophy

PRESENTED BY Adam F. Falk James B. Knapp Deau The Zanvyl Krieger School of Arts and Sciences

> RECIPIENTS' NAMES READ BY Marie Nolan

#### RECESSIONAL

The audience is requested to remain standing until the principals, officials, members of the faculties, and the graduates have left the area.

> MUSIC PROVIDED BY The Festival Brass

## DIVISIONAL CEREMONIES INFORMATION

The School of Nursing Baccalaureate Diploma Ceremony is today at 2 p.m., at the Lyric Opera House, 140 West Mount Royal Avenue in Baltimore. Mary Woolley, president of Research!America, is the speaker. A reception will follow the ceremony.

The Paul H. Nitze School of Advanced International Studies Diploma Ceremony is at 3 p.m. this afternoon at Constitution Hall, 18th and D Streets NW, Washington, D.C. Ban Ki-moon, secretary general of the United Nations, is the speaker. A reception at the Nitze School follows the ceremony.

The Zanvyl Krieger School of Arts and Sciences and the G.W.C. Whiting School of Engineering Undergraduate Ceremony is at 1:45 p.m. this afternoon on Homewood Field. Nancy Pelosi, speaker of the United States House of Representatives, will address the graduates.

The Zanvyl Krieger School of Arts and Sciences Master's Ceremony is at 10 a.m. on Friday, May 22, on Homewood Field. John Astin, actor, director, producer and visiting professor of theater in the Writing Seminars, Johns Hopkins University Krieger School of Arts and Sciences, is the speaker. A reception follows immediately in the Robert Scott Gymnasium, Ralph S. O'Connor Recreation Center. Doctoral degree recipients from Arts and Sciences and their guests are also welcome.

The School of Medicine Diploma Ceremony is at 10:30 a.m. on Friday, May 22, at Meyerhoff Symphony Hall, Cathedral and Preston streets in Baltimore. Denton A. Cooley, M.D., surgeon-in-chief and president emeritus of the Texas Heart Institute, and 1944 graduate of Johns Hopkins University School of Medicine, is the speaker.

The Carey Business School Ceremony was on Tuesday, May 19, at the Meyerhoff Symphony Hall. Richard D. Parsons, chairman of the board, Citigroup Inc., and former chief executive officer and chairman of the board, Time Warner Inc., was the speaker.

The Peabody Institute Diploma Ceremony is at 7:30 p.m. this evening in Friedberg Concert Hall at the Institute. Michael M. Kaiser, president of The John F. Kennedy Center for the Performing Arts, is the speaker.

The School of Education Undergraduate and Diploma Award Ceremony (*except Ed.D.'s*) is at 7:30 p.m. this evening on Homewood Field. Andrés A. Alonso, chief executive officer, Baltimore City Public School System, is the speaker. A reception in the Ralph S. O'Connor Recreation Center immediately follows the ceremony.

The Bloomberg School of Public Health Diploma Ceremony was held yesterday afternoon. David Oshinsky, professor and chair of the Department of History at the University of Texas at Austin and Pulitzer Prize–winning historian, was the speaker.

The G.W.C. Whiting School of Engineering Graduate Diploma Ceremony was held yesterday evening. Mark Russell, vice president of engineering, technology and mission assurance, Raytheon Company, was the speaker.

# 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 Johns 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 Johns Hopkins affiliation. The Committee of the Johns 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 536 members in the Johns Hopkins Society of Scholars.

The following listing of the Society of Scholars members elected in 2009 is accompanied by a short description of their accomplishments at the time of their election to the society.

## Kenneth C. Anderson Boston, Massachnsetts

Dr. Anderson, a 1977 graduate of the School of Medicine and an intern, fellow and resident in the Department of Internal Medicine from 1977 to 1980, has developed one of the world's most successful translational research programs devoted to multiple myeloma. As the Kraft Family Professor of Medicine at Harvard Medical School, chief of the Division of Hematologic Neoplasia and director of the Jerome Lipper Multiple Myeloma Center at Dana-Farber Cancer Institute, he has conducted research studies that have resulted in important new therapies for the treatment of this cancer of the plasma cell. Specifically, Dr. Anderson's research group played a major role in the development of bortezomib, possibly the most effective drug against this serious disease. Also vice chair of the Program in Transfusion Medicine at Harvard Medical School, Dr. Anderson has made significant contributions to the development of cellular therapies and minimization of the immunologic complications of blood transfusion. In 2005, he received the Robert A. Kyle Lifetime Achievement Award from the International Myeloma Foundation.

#### Karen D. Davis

#### Toronto, Ontario, Canada

Dr. Davis published 14 papers based on her three-year postdoctoral fellowship research in the Pain Research Laboratory at Johns Hopkins from 1988 to 1991. She has gone on to an exemplary career at the University of Toronto, where she now serves as head of the Division of Brain, Imaging and Behavior— Systems Neuroscience and associate director of the Institute of Medical Science. She also holds the Canada Research Chair in Brain and Behavior. Dr. Davis' laboratory has developed innovative brain imaging approaches, culminating in the first functional MRI images of brain networks underlying the human pain experience and the first images of the impact of deep brain stimulation for Parkinsonian tremor. Her research has increased the understanding of pain, attention and plasticity associated with neurological and psychiatric disease. Dr. Davis has also created educational programs and published the book *New Techniques for Examining the Brain*.

# Merrill J. Egorin Pittsburgb, Pennsylvania

An intern and resident from 1973 to 1975 who also received both his undergraduate and medical degrees from Johns Hopkins, Dr. Egorin worked under Dr. Victor McKusick and completed a clinical fellowship at the Baltimore Cancer Research Center. Since 1998, he has been a professor of medicine and professor of pharmacology at the University of Pittsburgh School of Medicine. Now co-director of the Molecular Therapeutics/Drug Discovery Program at the University of Pittsburgh Cancer Institute, Dr. Egorin has played a central role in defining the pharmacokinetic/pharmacodynamic relationships of a large number of chemotherapeutic agents currently used to treat cancer. For example, his work has led to a paradigm shift in the dosing of the cancer drug carboplatin. In addition, he has pioneered the current standards regarding evaluation of a specific group of chemotherapy drugs in special populations, such as patients with organ dysfunction and the elderly.

#### Martha S. Linet Bethesda, Maryland

Considered a leading scientific expert in the epidemiology of leukemia, Dr. Linet is chief of the Radiation Epidemiology Branch in the Division of Cancer Epidemiology and Genetics at the National Cancer Institute. She has directed landmark studies of childhood leukemia that have focused on lowfrequency magnetic fields and radiation exposure outcomes in the U.S. Radiologic Technologists Cohort. Dr. Linet has also led collaborative international studies representing the United States with the International Agency for Research on Cancer and liaison activities for the National Cancer Institute to the Environmental Protection Agency and the Food and Drug Administration. In addition, she was a key scientific member of the advisory committee that investigated cancer risks following the Chernobyl accident. She has contributed substantially to the scientific literature, including a text on the epidemiology of leukemia. Dr. Linet was a postdoctoral fellow in the Department of Epidemiology from 1977 to 1979.

## Victor J. Marder Los Angeles, California

Dr. Marder received undergraduate, master's and medical degrees from the university and was an intern in the Department of Medicine from 1959 to 1960. He has since led a distinguished academic career with leadership positions at Temple University, the University of Rochester and most recently at UCLA, where he is a clinical professor of medicine, pediatrics and neurology in the David Geffen School of Medicine and director of the Vascular Medicine Service at the Los Angeles Orthopedic Hospital. Dr. Marder's research, both basic and translational, has focused on blood coagulation. He conducted pioneering studies on the interaction of fibrinogen with the fibrinolytic agent plasmin, and his translational studies led to a new therapy for use in venous thromboembolic disease, heart attack and stroke. Dr. Marder's numerous recognitions for his scientific accomplishments include a distinguished career award from the International Society of Hemostasis and Thrombosis.

#### Joel Moss Bethesda, Maryland

Currently deputy chief of the Translational Medicine Branch of the National Heart, Lung and Blood Institute at the National Institutes of Health, Dr. Moss was an intern and resident in the Department of Medicine from 1972 to 1974. Since then, he has consistently engaged in pioneering research and is now an acknowledged leader in the field of biochemistry. His initial studies focused on cholera toxin, the protein responsible for fluid and electrolyte losses characteristic of cholera, and he added to the understanding of how that protein operates. More recently, Dr. Moss has been involved in research on deadly lung diseases, including a rare disorder known by the acronym LAM. He holds several patents and has published a number of texts, one of which is a volume that describes the structure and function of bacterial toxins. In recognition of his accomplishments, Dr. Moss has received the Passano Foundation Young Investigator Award, the AFCR Young Investigator Award and the LAM Foundation Award.

#### Bernd Nowack St. Gallen, Switzerland

Dr. Nowack is internationally recognized for his imaginative contributions toward understanding the interactions of natural and synthetic chemicals with particulate matter. His work with detergent builders and other synthetic chelating agents has aided European Union reappraisals of their safety. While at the Institute of Terrestrial Ecosystems, he pioneered methods for documenting chemical assimilation by plant roots. Presently, Dr. Nowack leads the Materials, Products and the Environment Group at the Swiss Institute for Materials Science and Technology. There he is developing innovative approaches toward predicting transformations and the ultimate impact of engineered nanoparticles in environmental media. He has been a key organizer of influential international conferences and workshops on environmental chemistry, nanoparticle science and technology, and biogeochemistry. Dr. Nowack was a postdoctoral fellow in the Department of Geography and Environmental Engineering from 1997 to 1998.

#### Thomas A. Pearson Rochester, New York

Dr. Pearson received his medical degree, master's degree in public health and doctoral degree in cardiovascular epidemiology from Johns Hopkins, where he also completed residencies in preventive medicine and internal medicine and a fellowship in cardiology. Today, he is widely recognized as a leader in public health research and, specifically, in the epidemiology and prevention of atherosclerotic cardiovascular disease. Dr. Pearson is the Albert D. Kaiser Professor in the Department of Community and Preventive Medicine and senior associate dean for clinical research at the University of Rochester. With a long-standing interest in international trends in cardiovascular disease and stroke, Dr. Pearson was one of the first to identify the spread of coronary diseases in developing countries. His research at the patient, health care system, community and public policy levels has helped develop guidelines in preventive cardiovascular disease and has contributed significantly to the incorporation of new knowledge and approaches to the education of the public and various health care groups.

#### Jennifer A. Pietenpol Nashville, Tennessee

A fellow in the Oncology Center at Johns Hopkins from 1991 to 1994, Dr. Pietenpol is now the B.F. Boyd Jr. Professor of Molecular Oncology and professor of biochemistry, cancer biology and otolaryngology at the Vanderbilt University School of Medicine. She has made major contributions to our understanding of the p53 signaling network. The p53 gene is altered in numerous forms of cancer, including those of the breast, colon, lung, brain, pancreas and stomach—and is the most frequently altered cancer gene yet identified. Dr. Pietenpol has helped discover how p53 and related genes work to make cells grow abnormally, in particular how they divide so quickly and die so slowly. Her research seeks not only to define these mechanisms but also to use this information to advance patient care. Dr. Pietenpol plays a major role in charting the directions of cancer research in the United States as director of the Vanderbilt-Ingram Cancer Center and as a presidentially appointed member of the national Cancer Advisory Board.

#### James Piscatori Canberra, Australia

Dr. Piscatori is a leading interpreter of international political Islam of the fundamentalist variety. His work explores the transnationalism of Islam, moving attention away from its place within individual societies and highlighting the ties between Muslim history, sociology and politics. Originally working in Islam in international law, Dr. Piscatori developed interests in Islamic fundamentalism during his stint as an associate professor at Johns Hopkins Nitze School of Advanced International Studies from 1986 to 1989, well before the events of Sept. 11, 2001, turned the world's attention to the phenomenon. Dr. Piscatori was a fellow in the Center for Islamic Studies at Oxford University before assuming his current position as deputy director of the Centre for Arab and Islamic Studies at The Australian National University.

# Ralph E. Pudritz

#### Hamilton, Ontario, Canada

As a postdoctoral fellow working with Dr. Colin Norman in the Center for Astrophysical Sciences at Johns Hopkins from 1984 to 1986, Dr. Pudritz wrote papers on outflows from protostars that are still widely cited classics. His career has continued on a brilliant path. He is a world-renowned expert on star formation, astrophysical jets and outflow, and the properties of molecular clouds. He chaired the 2000 Canadian Decadal Survey for Astronomy, the most comprehensive survey ever undertaken in Canadian astrophysics. Its recommendations ultimately made Canada an active partner for new observatories, such as the Atacama Large Millimeter Array, the James Webb Space Telescope and the Thirty Meter Telescope. In 2004, Dr. Pudritz founded the Origins Institute at McMaster University, which he directs today. The institute focuses on research in transdisciplinary fundamental science, and it is now a significant research center for astrobiology. With numerous major papers and books to his credit, Dr. Pudritz gives presentations frequently on star and planet formation, and more recently, astrobiology.

#### Anne L. Taylor

#### New York, New York

Dr. Taylor is an established researcher whose extensive body of work has focused on cardiovascular diseases in minorities and women. She has also been instrumental in the transfer of knowledge about cardiovascular disease prevention from the realm of research to the community. From 2001 to 2005, Dr. Taylor chaired the steering committee for the African-American Heart Failure Trial, which was a landmark research effort that tested the effectiveness of a heart failure medication in a specific ethnic population. The results of the study have contributed significantly to human health and to the opportunity to understand further the influence of ethnicity on disease and life-saving achievement strategies. A research fellow in the Department of Cardiology from 1981 to 1982, Dr. Taylor is the vice dean for academic affairs and professor of medicine in cardiology at the Columbia University College of Physicians and Surgeons. She has been recognized with many awards and honors and is further distinguished because of her demonstrated administrative ability in a variety of settings.

## Donald L. Trump Buffalo, New York

A 1970 graduate of the School of Medicine, Dr. Trump completed an internship and residency training in medicine and a fellowship in oncology at The Johns Hopkins Hospital from 1970 to 1974 and served as chief resident in internal medicine from 1974 to 1975. He was also a member of the cancer center faculty from 1977 to 1981. Dr. Trump's distinguished academic career includes leadership roles at several premier cancer centers as well as his current position as president and CEO of the Roswell Park Cancer Institute in Buffalo, New York. In addition to his administrative skills, his personal scientific accomplishments touch many areas of cancer medicine. Dr. Trump is a national and international authority in the treatment of prostate cancer and other genitourinary cancers. In particular, he has made major contributions to the field of new anticancer drug development and has added significantly to our understanding of the role of vitamin D in the pathogenesis and treatment of cancer.

## Lai-Xi Wang Baltimore, Maryland

Dr. Wang is an associate professor in the Department of Biochemistry and Molecular Biology in the Institute of Virology at the University of Maryland School of Medicine. His research has provided important new insights for HIV vaccine design and propelled him to the forefront of the anti-HIV field. Specifically, he has explored carbohydrate antigens as a target for an HIV vaccine by synthesizing novel oligosaccharides (saccharide polymers) to mimic the antigens on the viral envelope. Dr. Wang has also developed a highly efficient method for making glycoproteins that carry defined oligosaccharides, which opens a new avenue for rapid access to various glycoproteins that are essential for probing the structure and function of this class of important biological molecules. In recognition of his achievements, Dr. Wang received the 2004 Young Investigator Award in Carbohydrate Chemistry from the American Chemical Society. Dr. Wang was a postdoctoral fellow in the Department of Biology from 1993 to 1997.

## Arnold-Peter C. Weiss Providence, Rhode Island

Dr. Weiss received his undergraduate and medical degrees from Johns Hopkins and was an intern and resident in the departments of General Surgery and Orthopedic Surgery from 1985 to 1990. Today, he is known throughout the world as an accomplished hand surgeon, excellent educator and ingenious innovator. Dr. Weiss specializes in hand and wrist reconstruction with a special interest in finger and wrist joint replacement surgery. He holds eight patents for novel surgery techniques and equipment, including a new carpal tunnel release procedure and joint replacement implants. Dr. Weiss is associate dean of medicine and dean of admissions at Brown University's Warren Alpert Medical School. He has been honored with the America's Top Doctors, Best Doctors in America and America's Top Surgeons awards. He has also been a distinguished leader in many orthopedic organizations, such as the American Society for Surgery of the Hand and the American Board of Orthopedic Surgery. He is editor of the two-volume text *Hand Surgery*.

# HONORARY DEGREES

#### WILLIAM R. BRODY

No Johns Hopkins president since Daniel Coit Gilman himself has had so great an impact on this university.

One can hardly turn a corner on any of our campuses worldwide without coming upon an incredible facility built or renovated during your more than 12 years in office. You left us a physical infrastructure characterized by both profound utility and surpassing beauty.

It is, of course, not the buildings but what happens inside them that is important. Under your leadership, this university built not only structures but its capacity for discovery, its zest for nurturing the potential in young minds, and its flair for unleashing the brilliance of apprentice scholars.

During your tenure, we built community on campus and embraced the communities outside our doors. We often celebrated incredible accomplishment; at times, with your leadership, we endured incredible adversity.

You challenged us to overcome obstacles, to break barriers and to do what had never been done before. From the creative arts to the healing sciences, we did as Gilman and you inspired us to do: We increased human knowledge and brought its benefits to the world.

William R. Brody, our 13th president and our friend, The Johns Hopkins University of tomorrow is your legacy. We who remain behind as you move on to new adventures are proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa*.

#### WILLIAM H. GOODWIN JR.

In 2001, when you and your wife, Alice, wanted to learn more about cancer research, you went directly to Johns Hopkins and other leading institutions.

Your goal? To find basic research that could—with support—be converted quickly into treatments and into hope for the 1.4 million people diagnosed each year with cancer.

With business acumen earned as founder of CCA Industries Inc., you then established the Commonwealth Foundation for Cancer Research and pledged more than \$80 million to six cancer centers, including the Johns Hopkins Kimmel Cancer Center.

A savvy entrepreneur and philanthropist who follows donations with an investor's eye for real return, you decided that your support for accelerated drug development, immunotherapy and other projects at the Kimmel Cancer Center was money well spent. So you have given even more, a remarkable total of more than \$42 million over eight years. Your impact has been so profound that the center's late director, Martin Abeloff, called you a "true partner in research."

Your service on the National Cancer Advisory Board of the National Institutes of Health further underscores your commitment. Your generosity is not limited, however, to the battle against life-threatening disease; your support of United Way, the Boy Scouts of America, the Community Foundation and other causes begins to reveal the breadth of your philanthropy.

William H. Goodwin Jr., in recognition of your extraordinary dedication to innovations in cancer research, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *bonoris causa*.

#### **RICHARD J. JOHNS**

You are a pioneer of biomedical engineering, which applies engineering techniques to solve important medical problems. Here at Johns Hopkins, you launched a biomedical engineering department that is widely recognized as the world's finest.

Your ties to the university span more than six decades. After earning a degree from our School of Medicine in 1948, you eventually returned to Johns Hopkins to begin a distinguished career as a medical researcher. In 1970, when the School of Medicine established a full department in the fledgling field of biomedical engineering, you became its director. Over the next 21 years, you led the department through important research into speech and hearing, cardiovascular control, heart muscle mechanics and other areas. You extended its reach by promoting fruitful teamwork that linked leading physicians with engineering experts from the university's Applied Physics Laboratory and its Homewood campus. You also served as a close advisor to five School of Medicine deans, all of whom valued your counsel. In recent years, the department you launched—now a part of both the School of Medicine and the Whiting School of Engineering—has expanded into new research areas such as tissue engineering, computational biology and medical imaging.

Richard J. Johns, for outstanding contributions to biomedical engineering research and education and for your devoted service, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *bonoris causa*.

#### THOMAS P. LANTOS

He was a champion for peace and human rights, a teenage victim of the Nazi occupation of his native Hungary who grew up to become what he called "an American by choice" and an ardent defender of the poor, the suffering and the oppressed worldwide.

A 14-term Democratic congressman from California and the only Holocaust survivor ever to serve in the House of Representatives, Tom Lantos dedicated his life to ensuring freedom for others, just as a stranger once shielded him from the Nazis.

Lantos twice escaped from forced labor camps and eventually made his way to the United States. Here, he became an academic, teaching college economics until elective politics called. During nearly three decades in Congress, he rose to chairman of the House Foreign Affairs Committee. He advocated for increased educational opportunities for low-income students, solutions to the global AIDS crisis and religious freedom for all. He fought for human rights in Sudan, Myanmar and Darfur, and supported legislation to protect animals and the environment.

An intellectual, a patriot, a politician and a family man, Tom Lantos embodied ideals that we strive to instill in Johns Hopkins students. That population includes five of his grandchildren who either have received or are seeking degrees here, several of whom graduate today.

For his service to this country and lifelong commitment to civil liberties and social justice, The Johns Hopkins University is proud to confer posthumously upon Thomas P. Lantos the degree of Doctor of Humane Letters, *bonoris causa*.

#### NANCY D'ALESANDRO PELOSI

You have represented San Francisco in Congress since 1987, but you began right here in Baltimore. The daughter of legendary congressman and mayor Thomas D'Alesandro Jr., you were raised to believe that helping people is a politician's true calling, a spirit you embody today as speaker of the House of Representatives.

The first woman speaker and highest-ranking elected woman in U.S. history, you have led Congress through ethics reform, a minimum wage increase, the largest college aid expansion since the GI Bill and passage of a sweeping economic stimulus designed to help Americans struggling through a recession.

You have fought for health care and housing initiatives to help people with HIV/AIDS and for increased access to health insurance for people with disabilities. You have championed making lives better through scientific research, including advocating for a doubling of the budget of the National Institutes of Health.

We are proud that all you have accomplished—as speaker, minority leader, whip and congresswoman —can be traced back to Baltimore, where family and community shaped the ideals you hold dear today. As you once told a crowd in Little Italy, "Every step that I took to the speakership began in this neighborhood."

Nancy D'Alesandro Pelosi, daughter and sister of mayors and quintessential hometown kid made good, The Johns Hopkins University, in gratitude for your devotion to public service and your stalwart support for higher education, science and health care, is proud to confer upon you the degree of Doctor of Humane Letters, *bonoris causa*.

# THE UNIVERSITY MACE

The University Mace carried by the Chief Marshal, was first used at the 1954 Commemoration Day Ceremony. Eight symbols are hand-wrought in sterling silver on an ebony staff. The symbols represent 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 Johns Hopkins University Presidents are engraved on the faces of the links. On the reverse are engraved the names and dates of office of each president. 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 Bachelor's and Master's hoods are the same design, pointed at the base. The Bachelor's hood is three feet long; the Master's hood is three and one-half feet long. The Doctor's hood is four feet long, of fuller shape, and rounded at the base. The hood is bordered with velvet, the color of which indicates the field of study in which the Bachelor's, Master's, or Doctor's degree was earned:

| Dark blue— <i>Philosophy</i> |
|------------------------------|
| Light blue— <i>Education</i> |
| Green-Medicine               |
| Salmon pink—Public Health    |
| Orange—Engineering           |
| Gold-yellow—Science          |

White—Arts and Letters Pink—Music Purple—Law Apricot—Nursing Tan—Business 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:

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 Massachusetts Institute of Technologycardinal 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 blne

# THE UNIVERSITY MOTTO

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

# Awards

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 *Paul Eliassou* 

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

AMERICAN CONCRETE INSTITUTE AWARD The American Concrete Institute recognizes an undergraduate student for outstanding mastery of the design and analysis of reinforced concrete structures. Awarded to *Kevin Beisbline* 

APPLIED MATHEMATICS AND STATISTICS ACHIEVEMENT AWARD Jointly awarded to *Christine Bittuer Stepbanie Sapp Tingting Zbon* 

APPLIED MATHEMATICS AND STATISTICS AWARD FOR EXCELLENCE IN TEACHING For outstanding teaching performance by a student in the Applied Mathematics and Statistics Department during the year 2008–2009 Awarded to *Kevin Byrnes* Takebiko Nakama Mattbew Sedlock

ROBERTO R. ARELLANO AWARD For excellence in writing by a Writing Seminars undergraduate. Awarded to *Laura Gordon*  JAMES F. BELL AWARD Presented by Kevin Hemker for outstanding undergraduate research and scholarly achievement in Mechanical Engineering. Awarded to *John Kegelman* 

BIOMEDICAL ENGINEERING DISTINGUISHED SERVICE AWARD For outstanding service to the academic community. Jointly awarded to Layla Barapour, 2007 Andam Cauver, 2007 Taumay Gokbale, 2007 Charlotte Chen, 2008 Nicholas Evoy, 2008

LUCIEN BRUSH AWARD For outstanding academic achievement in Environmental Engineering by a graduating senior. Awarded to *Daue Schiro* 

EUGENIO AND PATRICIA CASTILLO AWARD To the best first- or second-year student in Economics. Awarded to *Mattbew White* 

CHEMICAL AND BIOMOLECULAR ENGINEERING UNDERGRADUATE RESEARCH AWARD For demonstrated contributions to research in Chemical and Biomolecular Engineering. Jointly awarded to *Ryau Bloom* Yung-Chi Chuang Amy Fu Mary Mallaney Elizabeth Specht Yiran Zheng

CIVIL ENGINEERING AWARD For outstanding achievement by a graduating senior for academic excellence, leadership and service in the Department of Civil Engineering. Awarded to *Daniel Schiffuer*  CIVIL ENGINEERING FACULTY AWARD Given to a senior for outstanding service and academic achievement in the Department of Civil Engineering. Awarded to *Linda Wau* 

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 and is presented at graduation. Awarded to *Irene Pang* 

COMPUTER SCIENCE OUTSTANDING SENIOR AWARD To a senior Computer Science major for academic excellence, leadership and service in Computer Science. Awarded to *Emily DiDouato* 

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. Awarded to *William C. Auderson* 

EVANGELIA DAVOS PRIZF Awarded annually to the Classics major or minor whose work in Greek studies has been outstanding. Awarded to *Elspetb Catherine Ayers Berry* 

#### 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 Allegre Ben-Amotz

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 *Christine Bittuer* 

ROBERT GEORGE GERSTMYER AWARD For outstanding undergraduate achievement in Mechanical Engineering. Awarded to *Vijay Aiyar* 

#### THE 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 James Robbins

G. STANLEY HALL PRIZE For outstanding achievement by an undergraduate in Psychology. Awarded to *Thomas Jacob Burns* 

BRUCE HAMILTON AWARD To the graduate student in the Department of Economics who has exhibited the best performance in research workshops. Awarded to *Damiano Sandri* 

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 *Carroll Catalina McCallum* 

JACOB H. HOLLANDER PRIZE For excellence in writing by a Writing Seminars undergraduate. Awarded to *Jana Lichtenfeld* 

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

WILLIAM H. HUGGINS AWARD For outstanding scholarship and service by a senior in the Electrical and Computer Engineering Department. Awarded to *Lawrence Stanley Walters III* 

RICHARD J. JOHNS AWARD For outstanding academic achievement in Biomedical Engineering. Awarded to Phillip Dowzicky Timothy Law Yi Chung Law Yi Chung Law Tuo "Peter" Li Worawan Limpitikul Gayathree Murugappan Caitlin Schneider Grace Tan Jia Wang JOSEPH L. KATZ AWARD Awarded to Chemical and Biomolecular Engineering seniors for academic excellence and service to the departmental and fellow students. Jointly awarded to *Polina Belyantseva Bradford Cotter Dih Dih Huang Michael Zhang* 

DONALD E. KERR MEMORIAL MEDAL To the outstanding undergraduate major in Physics and Astronomy. Jointly awarded to *Clare Bernard Shekeab Jauhari* 

THE MARTIN G. LARRABEE AWARD For meritorious research in Biophysics Jointly awarded to *Neil Neumann* Molly Plovanich

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 *Shane Alexander Betman Abigail Duggan* 

THE EUGENE LEAKE AWARD For outstanding achievement in Homewood Art Workshops. Jointly awarded to *Yoonab Chi Kaitlin Hendrickx* 

DANNY LEE AWARD For outstanding undergraduate research in Biomedical Sciences. Awarded to *Jayati Jain*  THE RICHARD A. MACKSFY 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 *Brett Stuart Frankel* 

THE GENERAL GEORGE C. MARSHALL LEADERSHIP AWARD Presented annually to the most outstanding MS4 cadet who clearly demonstrates the leadership and scholastic qualities that epitomize the career of General George C. Marshall. The late General Marshall served as the chief of staff of the Army and secretary of both state and defense. He was the author of the restorative Marshall Plan and was the only career soldier to be awarded the Nobel Peace Prize. Awarded to Stephen Dunay

MATERIALS SCIENCE AND ENGINEERING AWARD For outstanding academic achievement by a graduating senior in Materials Science and Engineering. Awarded to *Tammer Ghaly* 

WILLIAM D. MCELROY AWARD For meritorious research conducted by an undergraduate in the Biological Sciences. Awarded to *Isbrat Ahmed* 

EMILY AND THOMAS MEREN SCHOLAR AWARD Established in 1998 in support of undergraduate students pursuing a BA/MS degree in Neuroscience. Jointly awarded to *Marina Avetisyan* Edwina M. Chang Mitra Heshmati PRESIDENT'S COMMENDATION FOR ACHIEVEMENT IN THE ARTS Jointly awarded to Njeri Osbourne Brigitte Warner

CHARLES A. MILLER AWARD Awarded by the Mechanical Engineering Department for outstanding undergraduate achievement. Awarded to *Hiroshi Yamaguchi* 

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 *Caitlin Schneider* 

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. Jointly awarded to Daniel Boyd Daniel Gravé

OUTSTANDING SENIOR AWARD IN PUBLIC HEALTH STUDIES For academic excellence, leadership and service in Public Health. Jointly awarded to Jemma Alarcon Atieb Novin

MOST DISTINGUISHED THESIS IN PUBLIC HEALTH STUDIES For academic excellence, leadership, and service in Public Health. Jointly awarded to *Lelia Harding Chaisson Hayley Bowen Osen*  THE CURT P. RICHTER AWARD IN BEHAVIORAL BIOLOGY RESEARCH In recognition of outstanding achievement in the David S. Olton Behavioral Biology Program. Jointly awarded to Kaylin Beck Rebecca Canter

#### 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 *Craig Rosenblum* 

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 Whiting School of Engineering from 1966 to 1994, the late Dr. Schlimm made many contributions to the education of future engineers. Awarded to David Garber

WILLIAM N. SHARPE AWARD FOR STUDENT INVOLVEMENT Recognizes significant leadership and achievement in extracurricular activities among Mechanical Engineering students. Awarded to *Prasauna Chandrasekbar* 

JULIAN C. STANLEY AWARD For the undergraduate Psychology major who most closely approximates Dr. Stanley's personal and professional standards of excellence. Awarded to Salman Mobammed 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 for Policy Studies' mission to bring the best information to bear on public policy problems. Jointly awarded to *Abby Elizabeth Sheehan Lea Smitb* 

THE SUPERIOR CADET AWARD Presented by the Department of Military Science to the most outstanding student in each year of the ROTC program. Cadets must be active in ROTC activities, strong leaders and students, and involved in athletics and other community activities. Awarded to *Stephen Dunay* 

J.J. SYLVESTER AWARD For outstanding achievement by a senior in Mathematics. Jointly awarded to *Brett Frankel* 

Dauiel Rubin

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 *Britni Crocker Ezra Taylor Benjamin Yoo* 

ROBERT W. TUCKER AWARD For the most distinguished senior thesis in International Studies. Awarded to *Micbael Patrick Goodwin*  JULIUS TURNER PRIZE For the most distinguished senior thesis in Political Science. Awarded to *Pamela Kate Lachman* 

#### The Carey Business School

BACHELOR OF SCIENCE IN INTERDISCIPLINARY STUDIES AWARD For outstanding academic endeavors in the undergraduate programs. Awarded to *A. Michael Bernard* 

DEAN'S AWARD FOR SUSTAINED EXCELLENCE Awarded to *Annie W. Sokol* 

DELTA SIGMA PI SCHOLARSHIP KEY For the highest grade point average in the undergraduate program. Awarded to *Brad B. Hunter* 

INFORMATION SYSTEMS AWARD Awarded to an undergraduate with the highest grade point average in the field of information systems. Awarded to *Peggy Sue Herman* 

STEGMAN AWARD Presented to students who graduate with a 4.0 grade point average and receive a master's degree. Awarded to Amy Diane Bays Arthur Louis Burnett Susan A. Chu Eun Jeong Chung Amy Costello Crowley Robert Alan Fuld Anna K. Givens David Joseph Goldman Thomas L. Graf Kristin Micbelle Guimaraes Sbilpa Gupta Karen Sue Harvey Marie Ellen Hussey Kerryn Ilana Kent Jeffrey Jong-Hyeob Lee Daniel Ray Lattrell Alexandra Cynthia Miller

Kristy Murphy John Lionel Nixon Maria Ghassan Osman Hee Joo Nancy Park Thomas A. Polchowski Jr. Michael Rabinovitz Selena Rezvani Jeffrey L. Ryan Zomarie Sautiago Vega Gabriel S. Schneider Daniel Ray Scott Christopher Scott Small Renee Marie Stake Michael Norman Wynne

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

#### 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 *Debra J. McGowan* 

DIANE TOBIN MEMORIAL AWARD Awarded annually to an outstanding alumna/us in education and to an outstanding student. Awarded to *Linda M. Oliver* 

PUBLIC SAFETY LEADERSHIP AWARD Awarded each year to an outstanding undergraduate Awarded to William Thomas Harris

#### The School of Medicine

THE HARVEY CUSHING MEDICAL STUDENT HUNTERIAN RESEARCH AWARD This award is presented by the Department of Neurosurgery to medical students who have demonstrated aptitude, dedication, and achievement in neurosurgical research and who show promise for a career in neurosurgery. Jointly awarded to Frank Joseph Attenello III, 2008-2009 Jennifer Jay Cheng, 2008-2009 Giannina Lissa Garces Ambrossi, 2008-2009

# THE HENRY STRONG DENISON SCHOLARSHIP

The Henry Strong Denison Fund for Medical Research in memory of Henry Strong Denison, M.D., 1908, is used for the specific purpose of aiding in the training for research of young people deemed by the medical faculty to be especially gifted for a career in medical investigation. Jointly awarded to *Rozalina Grubina*, 2006–2007 *Tammy Marie Holm*, 2004–2005

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 Ning Cheng, 2008-2009 John Phillip Gray Jr., 2007-2008 William Hawse, 2008-2009 Hun-Way Hwang, 2007-2008

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 Melissa Nicole Dattalo, 2008–2009

THE BAE GYO JUNG AWARD The Bae Gyo Jung Research Award was established in 2006 by friends and family in memory of Bae Gyo Jung, who was a predoctoral student in the Department of Biological Chemistry. Awarded to Dengke K. Ma, 2008–2009

THE HAROLD LAMPORT BIOMEDICAL RESEARCH PRIZE The memory of Dr. Harold Lamport, a distinguished investigator, is honored by this prize established by the Lamport Foundation. The prize recognizes research contributions. Awarded to Tammy Marie Holm, 2003–2004

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. Awarded to *Yu-Yi Lin, 2008–2009* 

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 Sasrutha Rasika Wickramasinghe, 2008–2009

THE FRANKLIN PAINE MALL AWARD The Franklin Paine Mall Award for outstanding performance in the first year 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. Jointly awarded to Michael David George, 2005-2006 Rozalina Grubina, 2004-2005

7esse Wade Keller; 2005-2006

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. Awarded to Frank Joseph Attenello III, 2007–2008 Sonya Babar, 2006–2007 Phillip John Gray Jr., 2007–2008 Payam Mobassel, 2007–2008 Nishant Dinesh Patel, 2005–2006 Alison Payne Reid, 2006–2007 Sophia Fontanilla Shakur, 2007–2008

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 well-designed and effective didactic illustrations. Awarded to Julia Molnar, 2008-2009

THE HANS JOAQUIM

PROCHASKA RESEARCH AWARD The Hans Joaquim Prochaska Research Award was established in 1998 to honor outstanding discovery by a student in the School of Medicine. Jointly awarded to *Yuchen Jiao*, 2008–2009 *Ling Wang*, 2007–2008

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. Jointly awarded to Sbarifeb Farasat, 2007–2008 Payam Mobassel, 2006–2007 Sasrutba Rasika Wickramasingbe, 2008–2009

#### THE MICHAEL A. SHANOFF Research Award

The award is made 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 The Johns Hopkins University. Jointly awarded to *Michael Raphael Tadross*, 2008–2009 Laura DeLong Wood, 2007–2008

THE METTE STRAND **RESEARCH AWARD** The Mette Strand Research Award was established in 1998 as an enduring legacy to graduate education and to honor the contributions to science and education made by Dr. Strand as a professor of Pharmacology and Molecular Sciences from 1977 until her untimely death in 1997. The award is made possible by the generous contributions of her colleagues and friends as a tribute to her contribution to humanity in the quest for a vaccine against schistosomiasis, her unvielding devotion to science and her role in the training of a generation of graduate students of this institution. Awarded to Chnan-Hsiang Hnang, 2007-2008

#### The Student Research Award

The Student Research Award is sponsored by the Association for Academic Surgery and recognizes outstanding research efforts by a senior medical student interested in a surgical career. Awarded to *Josepb Garfield Crompton*, 2008–2009

THE W. BARRY WOOD STUDENT RESEARCH AWARD The W. Barry Wood Student Research Award recognizes present commitment and future promise in research. Jointly awarded to *Elizabetb W. Dzeng, 2004–2005 Pusbpa Vani Raja, 2007–2008* 

#### The School of Nursing

ACADEMIC EXCELLENCE AWARD To a student whose academic performance has been judged to be outstanding. Jointly awarded to *Lindsay Jane Randall Callie Ellen Simkoff* 

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

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 *Megan Elizabeth O'Hanlon Solis Kelly Elizabeth Kenyon* Vega EMMA JONES BECKWTTH CULLEN AWARD In recognition of the highest standards of nursing practice and executive ability. Awarded to *Datna Smith Ostberg* 

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 Asbley Beth Gomberg

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 spirit of nursing. Awarded to *Stacy Lynn Conlson* 

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 fellowman. Jointly awarded to *Corey Lynn Farrell Amber Joleen Robbins* 

BFTTY CUTHBERT AWARD To a student who demonstrates outstanding commitment and service to nursing and the university. Jointly awarded to *Erica Charmain Sherena Bryant Bernice Yee Man Cheng* 

SUF K. DONALDSON DISSERTATION AWARD For the outstanding PhD Dissertation in the School of Nursing. Awarded to *Tennifer Joy Hatzfeld*  LEADERSHIP AWARD To a graduate nursing student demonstrating outstanding leadership in the field of nursing. Jointly awarded to *Virginia M. Baker Kristen Marie Jadelrab* 

MARY AND GRAINGER MARBURG AWARD In recognition of a student who consistently exhibits outstanding clinical nursing expertise. Awarded to *Callie Marie Hermann* 

ROBERT G. MERRICK AWARD To a student demonstrating outstanding leadership in the field of nursing. Awarded to *Carly Faber Miyamoto* 

RUTH DALE OGILBY AWARD In recognition of exceptional academic performance in the Master's program. Jointly awarded to Sarab James Hoffman Melinda D. Sawyer

RESEARCH AWARD To a student demonstrating intellectual curiosity and creativity in nursing research. Jointly awarded to Sarab June Allgood Madeline Elizabeth Sylvia

EDNA SCHOEN MEMORIAL AWARD To a student demonstrating excellence in clinical practice. Awarded to *Malgorzata Vuong* 

SIGMA THEFA TAUNUBETA CHAPTER AWARD To a graduate nursing student in recognition of superior academic achievement, creative scholarship and research. Jointly awarded to *Jill Ann Kapnr Damelle Marie McQmgg*  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 *Renee Elaine Glisson Leab Pike* 

JOAN SUTTON AWARD To a student demonstrating a strong dedication to professional nursing, clinical excellence, and interdisciplinary practice. Jointly awarded to *Lisanna Stamos González Katherine Elizabeth Woodward* 

# The Peabody Conservatory of Music

AMERICAN BASSOON COMPANY PRIZE in Bassoon Awarded to *Michelle Krasinski* 

CLINTON LEE ARROWOOD MEMORIAL PRIZE in Flute Awarded to David Farris

#### CLARA ASCHERFELD AWARD in Accompanying Awarded to *Chiao-Wen Cheng*

BALTIMORE MUSIC CLUB PRIZE in Performance Jointly awarded to *Natban Jolley Stepbanie Miller Jeffrey Williams* 

MARIAN B. AND SAMUEL BERNSTEIN MEMORIAL PRIZE in Opera Awarded to *Bae Ab Lee* 

P. BRUCE BLAIR AWARD in Composition Awarded to *Joshua Mills*  PHYLLIS BRYN-JULSON PRIZE for commitment to and performance of 20th/21stcentury music Jointly awarded to *Kathryu Guthrie Megan Ihnen Danya Katok Britt Olsen-Ecker Diane Schaming* 

GEORGE CASTELLE MEMORIAL AWARD in Voice Jointly awarded to Adriaua Gonzáles Jennifer Holbrook Hirataka Kato JiHee Kim Eun Seo Koo Asbley St. Martin Jessica Thompson Madelyn Wanner Jeffrey Williams

MOSHE COTEL PRIZE in Composition Awarded to *Roger Zare* 

DOROTHY L. DECOURT PRIZE in Organ Awarded to *Nicholas Bergin* 

EARLY MUSIC DEPARTMENT AWARD FOR EXCELLENCE Awarded to *Zane Baker* 

CHARLES M. EATON PRIZE in Voice Awarded to *Christopher Manna* 

ANITA ERDMAN AWARD in Opera Awarded to *Lindsay Thompson* 

PAULINE FAVIN MEMORIAL AWARD in Piano Jointly awarded to *Pei Hsin Kao Linda Ankasa*  RICHARD FRANKO GOLDMAN PRIZE in Performance Jointly awarded to Jaclyn Dorr Zachary Hercheu Gabrielle Murphy

LILLIAN GUTMAN MEMORIAL PRIZE in Piano Awarded to *Iris Hsu* 

LYNN TAYLOR HEBDEN PRIZE in Performance Awarded to *Jeremiab Baker* 

SIDNEY JENSEN MEMORIAL PRIZE in Woodwinds: Clarinet Awarded to *Gregory Marsh* 

BRITTON JOHNSON MEMORIAL PRIZE in Woodwinds: Flute Awarded to *Darya Nikoleuko* 

JOSEF KASPAR AWARD in Violin Awarded to *Adrienne Geisler* 

IRVING LOWENS ENDOWED MEMORIAL PRIZE in Musicology Awarded to *Kareu Chan* 

LILLIAN MANN PRIZE in Voice Awarded to *Kerri Slominski* 

MARTHA AND WILLIAM MEMORIAL PRIZE in Woodwinds: Clarinet Awarded to *Yun Hong Chi* 

ROSE MARIE MILHOLLAND AWARD in Piano Awarded to *Gina Peck* 

OTTO ORTMANN AWARD in Composition Awarded to *Ruby Fulton* 

MAY AND MARTIN RAILA MUSIC EDUCATION AWARD Awarded to *Robert Mattera*  GRACE CLAGETT RANNEY PRIZE in Chamber Music Jointly awarded to

"Kneer/Pressley/Angkasa Trio" Linda Angkasa, piano Joseph Kneer, violin Haunah Pressley, cello

"Fourth Corner" Gregory Marsh, clarinet Sarah Schneider, flute

"Midnight Brass" Audrey Christensen, trombone Christopher Reber, tuba Christopher Shiley, trumpet David Smith, horn Emma Stanley, trumpet

GULEN F. TANGOREN, M.D., AWARD FOR VOCAL EXCELLENCE Awarded to *Elizabeth Stewart* 

ALICE AND LEARY TAYLOR AWARD in Performance Awarded to *Nobel Jolley* 

MELISSA TILLER MEMORIAL PRIZE in Violin Awarded to *Colin Sorgi* 

FRANCES M. WENTZ TURNER PRIZE in Piano Awarded to *Da Juug Cho* 

J.C. VAN HULSTEYN AWARD in Strings: Violin Jointly awarded to *Minsun Choi Tracy Wu* 

MIHALY VIRIZLAY MEMORIAL PRIZE in Cello Jointly awarded to Ismar Gomes DaVin Lee Hannab Pressley

OLGA VON HARTZ OWENS MEMORIAL PRIZE in Strings Awarded to Minb Duc Tran ANNIE WENTZ PRIZF in Voice Awarded to *Lydia Beasley* 

FRANK D. WILLIS MEMORIAL PRIZE in Composition Awarded to *Sam Brannon* 

GEORGE WOODHEAD PRIZE in Voice Jointly awarded to Ynn Kyong Lee Jessica Lennick Carolyn Pelley Jocelyn Thomas Caitlin Vincent

SARAH STULMAN ZIERLER PRIZE in Accompanying Jointly awarded to *Hye Jin Kwon Yoohee Shin* 

# The Bloomberg School of Public Health

THE ANONYMOUS ENDOWED SCHOLARSHIP FUND To an outstanding medical student pursing an MPH. Awarded to *Thing Rinda Soong* 

THE RANDY E. BASS AWARD To an outstanding Occupational Medicine Resident. Awarded to *June Thalia Spector* 

J. HOWARD BEARD FELLOWSHIP To an outstanding student pursuing a career in local or state public health work. Awarded to *Ramya Narasimha Swamy* 

THE TRUDY BUSH FUND To an outstanding master of health science student in the Department of Epidemiology specializing in women's health. Awarded to *Sarab Alice Israel*  RUTH B. AND J. DOUGLAS COLMAN SCHOLARSHIP To an outstanding preventive medicine resident. Awarded to *Kevin Lee Bowman* 

THE JUNE CULLEY SCHOLARSHIP IN HEALTH POLICY AND MANAGEMENT To an outstanding masters student in Health Policy and Management. Awarded to *Kathleen Anne Dolan* 

DEBEERS AFRICAN HEALTH SCHOLARS To promising public health leaders from Africa. Jointly awarded to *Albert Ntela Komba* Joel Steingo

THE GENERAL PREVENTIVE MEDICINE RESIDENCY FUND To an outstanding preventive medicine resident. Awarded to *Mark Edward Humpbrey* 

THE GLAXOSMITHKLINE PREVENTIVE MEDICINE RESIDENCY SCHOLARSHIP To an outstanding preventive medicine resident. Awarded to *Eileen Marie Birmingham* 

THE HOWARD C. AND JANE R. GOODMAN FUND To an outstanding Master of Public Health student. Awarded to *Scott Edward Dafflitto* 

J.B. GRANT SCHOLARSHIP To an outstanding MPH student committed to improving world health. Awarded to *Jennifer Oi Ynn Lam*  THE C. ESTHER AND PAUL A. HARPER AWARD IN POPULATION AND FAMILY HEALTH SCIENCES To a graduating student in Population and Family Health Sciences to recognize academic excellence and achievement. Jointly awarded to Andreea Alina Creanga Adena Malka Galinsky Nan Li Karen Priscilla Menendez Yetnnde Abisola Noah

HEALTH, BEHAVIOR AND SOCIETY DISTINGUISHED RESEARCH AWARD To recognize outstanding dissertation research. Jointly awarded to *Errol Lamont Fields Jennifer Marie Piver-Renna* 

THE LILLIAN HISS-ETHEL CROSBY SCHOLARSHIP FUND To an outstanding public health nurse. Awarded to *Stacy Kreger* 

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 *Nevine Dia Ali* 

THE JOHN C. HUME FUND To an MPH student who demonstrated academic excellence and professional promise. Awarded to *Arnab Sengnpta* 

THE MORTON KRAMER FUND FOR THE APPLICATION OF BIOSTATISTICS AND EPIDEMIOLOGY IN RESEARCH ON THE PREVENTION AND CONTROL OF MENTAL DISORDERS Awarded to an outstanding doctoral student dedicated to advancing knowledge of the epidemiology and prevention of mental disorders. Awarded to *Amy Susan Buchanan* 

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 *Lilian Adnan Ghandonr* 

THE HARVEY M. MEYERHOFF FELLOWSHIP IN CANCER PREVENTION To an outstanding student in the Department of Epidemiology whose focus is cancer prevention Awarded to Anne Marie McKnight

DAVID PATON SCHOLARSHIP IN PREVENTIVE MEDICINE To an outstanding preventive medicine resident Awarded to *Helen Carol Azzam* 

JOHN SNOW, INC. AWARD IN INTERNATIONAL HEALTH To an outstanding MHS student in International Health Awarded to *Razan Ziad Yasin* 

THE WATT/HANSELL ENDOWMENT To support cross-training at the School of Public Health and the School of Medicine. Jointly awarded to *Tal Eliram Berkowitz Kristin Hoi-Yan Kan* 

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

MAX M. FISHER EXCELLENCE

IN TEACHING PRIZE This prize honors the late Max M. Fisher who was an advisor to U.S. presidential administrations for decades on Middle East policy. The Max M. Fisher Excellence in Teaching Prize is awarded each year at commencement to one SAIS professor selected by the student body. Awarded to *Bridget Welsh* 

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 *Benjamin Edward Krause* 

CHRISTIAN A. HERTER ACADEMIC AWARD To a member of the secondyear class with the most outstanding academic record during the first three semesters. Jointly awarded to *Christian Schuster Niloufer A. Siddiqui* 

# 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 ELFCTED IN 2009

Rahul Agarwal Kaylin J. Beck **Emily Michele Becker** Zoe E. Bell Priva Laurel Bhanu Frances Sullivan Brandt Brian C. Cho Jihee Choe Emily M. Cook Brian M. Corliss Isabelle Hebei Cui Sara Elizabeth Dayton Erin C. Donohue Brett Stuart Frankel James Isadore Freedman Richard Christopher Geekie Laura Ann Gordon Christina Mary Hadzitheodorou Alyssa Marie Haeusslein Kurt Herzer Mitra Heshmati Wesley Yi Kuo Hung Kimberly Kristen Jackanich lavati lain Daniel Jano Shekeab Jauhari Rachael Grace Kerr Daniel David Knorr Shannon Jeongsim Koh

Nora Cobb Krinitsky Pamela K. Lachman Hiu Yeung Lau Josephine Hoi Yan Lee Wan-Chen Lee Nicole Dora Licato Jason Evan Liebowitz Jr. James Patrick Livengood Chih-Ping Mao Carroll Catalina McCallum Samuel Benjamin Messing Salman Mohammed Valerie Carolyn Neff-Rasmussen Geoffrey Rogan Nunns Daniel Chun-Suk Oh Oi-Ying Irene Pang Lisa G. Percival Mikhael Polotsky Grace Nicole Roberto Lillie Anne Rosen Jenna Lynn Rowen Mary Alissa Schindler Shuai Shao Johanna Sheu Gauray Srivastava Vikram Krishna Sundaram Lana Xian Tong Jaclyn Maria Starling Wallenmeyer Jason D. Wink Nathan Yee Jordan M. Young Jessica Zha Tingting Zhou

FROM THE SENIOR CLASS IN THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES ELECTED IN 2008

Ishrat Ahmed Vishal Changrani Benjamin Dipardo Dana Kozubal Jason Lee Felipe Castillo Munoz Kathryn Sepelyak Gloria Sue Sphoorti Umarjee Shervin Wang FROM THE PH.D. CANDIDATES IN THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

Caline Karam

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

Donna Ansara Gary K. C. Chan Hsien-Yen Chang Autumn Sara Downey Lilian Ghandour S. Joseph Kim Jennifer Moïsi Jennifer Piver-Renna Art Sedrakyan Sunil Solomon

#### FROM THE PH.D. CANDIDATES IN THE SCHOOL OF MEDICINE

Michael Acker Ning Cheng Chuan-Hsiang Huang Yu-Yi Lin Dengke K. Ma Daniel Lyman Miller Eunhye Park Harshan R. Pisharath Jana Lynn Vandegrift Ling Wang Robert Mace Yarrington

#### Beta Beta Beta Biological Honor Society Johns Hopkins University, Rho Phi Chapter

Ishrat Ahmed Jaeyoon Chung Ben DiPardo Mehdi Draoua Mariyam Faiz David Gladowski Salma Haneef Tanzeem Islam Jayati Jain Isaac Jenabi Young Joo Dorothy Knutsen Jason Lee Liang Liu Chih-Ping Mao Neil Neumann Robert Sershon Rahul Shah Nathaniel Shalom Shuai Shao Johanna Sheu JaeHo Sohn Katherine Su Akina Tamaki Lana Tong Cindy Tsai Sphoorti Umarjee Xiaodan Wang Liang Zhou

#### 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.

Elizabeth Caudel Alyssa Haeusslein Laura Kilbride Lakshmi Muthu Catherine Pross Anna Cotter James Freeman Pamela Lachman Cristian Cajigas Jenny Lee Martin Robles Julia Pilcer

#### Woodrow Wilson Undergradnate 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:

Ademola Adamolekun Jemma Alarcon Nicole Angeli Samuel Chester Anne Fehrenbacher Kurt Herzer Jayati Jain Christopher Hubley Jason Liebowitz Oi-Ying (Irene) Pang Catherine Briggs Pross Nikhil Sharma Gaurav Srivastava Alexander Traum

#### Tan Beta Pi National Engineering Honor Society

Jessica Kristen Brown Charlotte Hui Chen Phillip Michael Dowzicky Amy Hau Yu Fu Tammer Nader Ghaly Jonathan Brian Gilbert Tanmay Anil Gokhale John Connelly Kegelman Eric Tejune Kim Dennis Lok Ko Timothy Dexter Law Worawan Limpitikul Gayathree Murugappan Mitali Mangal Parmar Dane Andrew Schiro Caitlin Marie Schneider Nisarg Javdeep Shah Jefferson Ganesh Sooknarine Grace Xue-Iun Tan Anton Vadimovich Tokronov Joseph Sehwa Tsao Hiroshi Yamaguchi Michael Lin Zhang Jason Jiasi Zhao Yiran Zheng

#### 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:

#### Alpha Omega Alpha Houor 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:

Michael Alperovich Michael Franklin Brinkley Jennifer Kylien Chen Louis Tuong Chinh Dang Neal Arledge deJong Jeffrey Peter Fiorenza Michael David George Phillip John Gray Jr. Rozalina Grubina Gregory Thomas Havlena Steven Hsu Jesse Wade Keller Gargi Divya Khare Jo Marin Martin Marisa Eileen Meyer Timothy Michael Niessen Alison Payne Reid Daniel Brookner Stein Sarah Ruth Temple Jana Lynn Vandegrift Laura DeLong Wood Ryan Michael Zimmerman

#### Delta Omega National Public Health Honor Society

Shivani Agarwal Lindsey R.M. Albert Olakunle Oladunjoye Alonge Mohammad S. M. H. Alseaidan Nalini Philipose Anand Hannah E. Arem Lisa M. Aslan Kathryn E. Berndtson Caroline M. Brown Michael Justin Byron II Georgina Lisseth Calderon Shua Joshua Chai Joanne Hai-Wei Chan Kwun Chuen Gary Chan Dolly S. Chang Ching-Yu Cheng June J. Cheng Ritam Chowdhury **Emily Jane Ciccone** Claudia Corwin Raegan Elise McDonald-Mosley Scott Edward Dafflitto Deepan Shailesh Dalal Erin Duffy Monique Michele Duwell Britt Louisa Ehrhardt Errol Lamont Fields Tamkeen Ghafoor Jonathan Evan Gellar Danielle German Suzanne Marie Goodwin Shilpa Gupta Shivam Gupta Robyn M. Haaland Carlton Haywood, Jr. Roger Sai-Kit Ho Sarah Hoffman Osatohamwen Ivie Iyamu Kristen Jadelrab Supriya K. Jain Sarah Renee Lindstrom Johnson Leah Dawn Kern Sarah Sunjung Kim Buddy Gene Kozen, Jr. Martin Laclaustra Edward W. Liu Jayareddy Mallidi Sudharsanam Manni Balasubramaniam Chukwuma Mbaeyi

Megan Anne McCarville Jennifer Frances McCormick June Thalia Spector Anna Sophia McKenney Erin L. Mead Luke Everett Mease Michelle J. Mergler Annie Portia Michaelis Melinda K. Munos Yetunde Abisola Noah Jane Anoush Oski Jillian Elizabeth Panichelli Belinda Fung Peng Eduardo Mario Perelstein Lissa Anne Pressfield Daesha Ramachandran Jacqueline R. Reuben Karishma Kartar Sainani Haneefa Tasleem Saleem Stephen Mark Scott Prabu Selvam Hsien-Yeang Seow Lisa L. Sharma **Emily Simons** Gabriel Aaron Sneh Sunil Suhas Solomon Thing Rinda Soong Alisha Heather Creel Philip J. Spevak Meghan Lee Stack Aimee Summers Mandy Copeland Swann Yetsa Adebodunde Tuakli-Wosornu Christopher Michael Watson Julia Noble White Jong-Min Woo Monique Vance Yohanan

#### Sigma Theta Tan Nu Beta International Honor Society of Nursing

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

Linda Johnson Bartock Cheryl Dianna Bridges Lynn Marie Elizabeth Bullock Brenda K. Memel Brett Thomas Morgan Shawna Spears Mudd Laura J. Samuel The following master's students have been elected to Sigma Theta Tau Nu Beta:

Mary Elizabeth Barone-Leitch Emily Ames Burr Bridget Carver Stephanie Ching Chen Ann Marie Cullen Sondra R. Garlic Nancy Monica Gillium Karen Crawford Held Margaret Maureen Lal Jared Albert Laney Annie Chung Lee Elizabeth Schupp Lins Jennifer Ann Mills Karen Marie Nager Nneka Chinwe Okoye Odunlade Adetoyosi Olalere Jenice Diane Palachick Anthony Tuanduc Pho Lindsey Serena Plato Amanda Nicole Roesch Rachel Blair Spar

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

Sarah June Allgood Christine Shih Barak Michelle Loren Basa **Emily Anne Bellinger** Stephanie Ophelia Briley Lauren Natalie Brown Vanessa Marie Bruce Nicole M. Bush Carolyn Elizabeth Caselden Abigail Lynn Crisman Lindsay Anne DeCarlo Désirèe Nicole Douglas Michele Westendorf Dowdy Elizabeth Lucia Fehrenbach Jenny Anne Fell Rachel M. Friedman Lisanna Stamos González Carin Rachel Goodall Jessica Brooke Hancock Erin Nicole Hasting Kristine Partovi Hauser Kathryn Breland Hilburn Grace Wing Ka Ho Anna Kristine Johnson Kristin Elise Larson Dana Marin Leong Nellie Kaye Love

Lauren Ashley Luckenbaugh Catherine James Mauriello Katelyn Michele McCusker Mary Allison McQuilkin Gyasi Eshe Moscou-Jackson Margot Elizabeth Munzel Allison Lynn Murphy Nalini Arti Narayan Patricia Mary Neuman Dana Smith Ostberg Kelsey Elizabeth Oveson Kiernan Elsa Pahowka Jessica Michelle Plocher Mary Fraley Plumb Lindsay Jane Randall Julie Curry Schreiner Heather Alef Sellers Callie Ellen Simkoff Julia Marie Stephan Madeline Elizabeth Sylvia Zarah Anne Willis Katherine Elizabeth Woodward Sarah Lynn Woznick Bridget Anne Young

#### Houor Societies for the Carey Business School

#### Alpha Iota Mu

Alpha Iota Mu is a national honor society established in 1995 for undergraduate and graduate students in information systems. It is sponsored by the International Academy for Information Management. Although many chapters have been established for undergraduate students, the Hopkins chapter is the first to focus specifically on graduate students in information systems. The purposes of the society are to confer distinction for academic excellence in information systems and professional or academic leadership, and to promote closer affiliation between students, faculty, and practitioners in the field. Students who have completed 30 or more credits, are in the top 20 percent of their class, and who meet the national

standards may be invited to be members.

The following members of the graduating class are members of Alpha Iota Mu:

Kwadwo Addai-Mensah Douglas M. Anderson Nanette Odessa Bell Rosanne Carey Eun Jeong Chung Gordon K. Hall Karen Elizabeth Hobart David Liu Michael Rabinovitz David M. Rafati Christian Dennis Reguerin Kirk M. Saylor Michael Norman Wynne Syeda Maryam Zaidi

#### Alpha Sigma Lambda

Alpha Sigma Lambda is a national honor society for undergraduates in continuing higher education and is dedicated to the advancement of scholarship and leadership. Membership in the Theta Omicron Chapter is open to matriculated undergraduates who have attended the Carey Business School for at least four semesters and have completed at least 30 credits in the Carey Business School with a 3.2 grade point average.

The following members of the graduating class are members of Alpha Sigma Lambda:

A. Michael Bernard Diane J. Darchicourt Tad J. Edwards Peggy Sue Herman Jonathan Jay Hyeyoung Ju David Michael Rosenthal

#### 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:

Kelly Anne Mayglothling Aki Shiozawa Nora Taylor Xuesong Zou

#### Houor Society for the School of Education

#### Phi Delta Kappa

Founded in 1906, Phi Delta Kappa is a professional association for educators whose mission is to promote high quality education, in particular publicly supported education, as essential to the development and maintenance of a democratic way of life. A dedicated advocate for public schools, Phi Delta Kappa has chapters in the United States, Europe and Asia. Emerging leaders are those under 40 who are considered the next generation of educational leaders and policy makers.

Awarded to Manonmani Popsy Kanagaratnam

# STUDENT HONORS

General University Honors General University Honors were determined at the end of March 2009 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 2009 semester will have that notation placed on their final transcripts.

#### The Zanvyl Krieger School of Arts and Sciences

#### Baccalaureate Caudidates Graduating with General University Honors

Sarah Catherine Abare Harrison Low Standley Adams Sarah Beth Addison Rahul Agarwal Ayesha Sana Ahmad Ishrat Ahmed Narges Aliphanah Jahroudi Jessica Mary Aloe Jennifer Lynn Armstrong Omar Hammad Atassi Rachel I. Austin Marina Avetisyan Heather Susan Barbakoff Irina Barch Laura Alice Barnes Mackenzie Dawn Barton-Rowledge Jeremy Alden Batoff Kaylin Jessica Beck Emily Michele Becker Esther Falcon Bell Zoe Emily Bell Allegra Riah Ben-Amotz Clare Sullivan Bernard Ionathan A. Bernhardt Jenna Elizabeth Berninger Priva Laurel Bhanu Kevin Patrick Bilms Jr. Sandra Arlene Birnbaum Adedayo Oluwaseun Bolaji-Adio Benjamin Jan Bronstein Bonte Frances Sullivan Brandt Emily Martin Brenner

#### Olga Briklin

Allison Jeannette Brusati Thomas Jacob Burns Stephen Alexander Byeff Marc Dean Calabrese Trisha Eloise Calvarese Rebecca Gail Canter Holly Justine Caracappa Matthew James Carlson Holly Noelle Caten Anna Ruth Chambers Gloria Lisee Chan Edwina M. Chang Vishal Changrani Tiffany Ann Chen Samuel Jonathan Chester Yoonah Chi Deanna Frances Chieco Jihee Choe Narae Choi Yoo Jin Choi Christopher Y. Chong Philip Chuang Eric Michael Chung Jaeyoon Chung Anna Ippolita Ciuffo Kaitlin Julia Connell Jessika Anny Contreras Emily Margaret Cook Emily Claire Corcoran Brian Matthew Corliss Kayla Opalin Cort Anna Grace Cotter Isabelle Hebei Cui Courtney Aileen Cunningham Sarah Elizabeth Curry Rebecca Dang Sara Elizabeth Dayton Charles F. de los Reves Catherine Antoinette Derbes Michael Patrick DeWane Laura Marie Dingle Jennifer Lynn DiRicco Kathleen Elizabeth Doherty Erin Donohue Benjamin John Dorfman Alexandra Hickman Downs Lauren Elizabeth Drake Vishal Duggal Chelsea Weis Dunne Lisa Elv Nicole Ann Errett Mariyam Faiz-Andria Faiz

Elena Katya Fedyszyn Anne Elizabeth Fehrenbacher Mark Fisher Felbinger Francesca Sarasvati Ferrono **Julie Ann Fiorilla** Kathleen Marie FitzGibbon Zachery Stephen Fleischer Victoria Flores Fernandes Katrina Jean Foelber Brett Stuart Frankel Paul Charles Frankle James Isadore Freedman Grace Pang Fried Ariela Sarah Friedman William Scott Fuller Daniel Lawrence Furman Adam Kinsler Garson Katharine Marie Garvin Richard Christopher Geekie Benjamin Edwin Gibson David Alan Gladowski Michael Patrick Goodwin Laura Ann Gordon Whitney Rose Grither Huiying Guo Shalene Gupta Wren Louise Haaland Christina Mary Hadzitheodorou Alyssa Marie Haeusslein Kate Noelle Hansen Joseph Alan Hanson Daniel Har David Jinn Harris Tahnee Lee Harrison Jonathan David Hauptman Elizabeth Clark Hersey Kurt Richard Herzer Mitra Heshmati Emma Wistar Hiza Rachel Victoria Tamagna Hogen Anne Elizabeth Cihat Holstein Emily Rose Dickler Hoppe Leah Grambs Horton Sean Paul Houton Christopher John Hubley Wesley Hung Chang-Min Hwang Winston Z. Ibrahim Jordan Elizabeth Ireton Lisa Marie Irizarry Pierre Tariqul Islam Tanzeem Afreen Islam Kimberly Kristen Jackanich

Beckett Alexander Jackson Shannon Angela Jackson Katherine Ann Jacob Javati Jain Maneesha Pradip Jamnadas Michelle Yongkyong Jang Daniel Jano Shekeab Jauhari Isaac Daniel Jenabi John Carl Jorgenson Chang Hoon Jung Jeffrey Maxwell Kalter So Yun Kang Mary Kathleen Kemp Joan Christine Kerecz Rachael Grace Kerr Zarrah Keshwani Nadia Khan Keshav Khanijow Diana Khatib Laura Williams Kilbride Amy Youyeun Kim Jihan Kim Oh Young Kim Sarah Kyung Lim Kim Daniel David Knorr Dorothy Amanda Knutsen Catherine Mieran Koh Shannon Jeongsim Koh Philip Michael Konopa Dana Elise Kozubal Nora Cobb Krinitsky Michael Evans Kruskal Jason Kwon Sook-Kyung Christina Kwon Lindsay Alanna La Forge Hannah Nell LaBerteaux Pamela Kate Lachman Li Han Lai Brian Patrick Lange Andrew Chase Langer Hiu Yeung Lau Sheri Olabisi Lawal Anna Rebecca Lee Gene Wook-Jihn Lee Gina Lee James Tseryuan Lee Jason Choonghyun Lee Josephine Hoi Yan Lee Song-Yi Lee Sumin Lee Sunmin Lee Susie Lee

Wan-chen Jenny Lee Adam Charles Lempel Catherine Schuette Levenson Allen Li Emily Antonian Li Mandri Nicole Dora Licato Jana Alison Lichtenfeld Jason Evan Liebowitz Jr. Naina Limbekar Denise Lin Lauren Elizabeth Links Liang Liu Su Liu James Patrick Livengood Michael William Loecher Tom Jin Lu Ryan Ly Jennifer Erin Maldarelli Saira Parveen Malik Sneha Ramesh Mani Chih-Ping Mao Jacob Maxwell Marder Meghan Elizabeth Marshall Brittany Wynn Matava Wade Durant Mayes Christopher Ryan Mayhew Carroll Catalina McCallum Sarah Jane McCruden Christine B. McCurdy Shawn Ryan McDonald Christopher Wynn McMullen Max Daniel Mealy Ian Lee Meller Samuel Benjamin Messing Cassandra Lynn Mickish Milena Mikailova Christopher Paul Kingsley Miller Salman Mohammed John Jarred Molitoris Melanie E. Monaghan Ashley Sui-Yi Moon Michael Brandon Moore Fuad Kamel Muakkassa Felipe Edgardo Muñoz Castillo Michael J. Murphy Thomas Casey Murphy Audrey Catherine Murray Lakshmi A. Muthu Jermaine Andre Myers Akash Narayan Naik Tara Sai Nayak Valerie Carolyn Neff-Rasmussen Neil Montgomery Neumann Andrew Simon Ng Khang Gia Nguyen Tam Thi Nguyen

Geoffrey Rogan Nunns Daniel Chun-suk Oh Alexander McCutchan Osuch Bridget Voke O'Sullivan Guergana Gueorguieva Panayotova **Oi-ying Irene Pang** Hae Yun Park Paul Sabum Park Lauren Andrea Pecarich Jennifer Peng Lisa G. Percival Francesca Marcella Peretti Joanna Charmane Perev Antonio Vincenzo Petrozzino Rachel Minna Pierson **Julia** Claire Pilcer Matthew Sean Pines Molly Elizabeth Plovanich Mikhael Polotsky Jessica Alexandra Liberty Popkin Bryan Roger Power Shivaani Gyan Prakash Nicholas Andrew Pucci Ryan Herndon Purcell Shiraz Tariq Rahim Aarthi Rao Sarah Perla Ratzenberger Rebecca Eve Razulis Leo Aidan Heidt Reneghan Grace Nicole Roberto Kathryn Carol Robinson Benjamin William Roose Lillie Anne Rosen Jenna Rossoff Amanda Theresa Roth Jennifer Rose Rovetti Jenna Lynn Rowen Daniel Ilan Rubin Mary Alissa Schindler Kathryn Diane Schneider Emily Elaine Scibilia Kathryn Rae Sepelyak Robert Axel Sershon Madhay Rao Seshadri Rahul Prakash Shah Shirley Shao Shuai Shao Johanna Sheu Esther Haerim Shin James Ernest Siegler Sara Christine Simonian Madeline Oksana Smith Jae Ho Sohn Andrew Franklin Solinger Megan Rachel Solomon

Janice Lee Son Alia Miriam Sonara Gaurav Srivastava Isha Narain Srivastava Hannah E. Sternberg Allison Mary Stoddart Shelby Elizabeth Strong Katherine Wailen Su Sharlene Sichi Shieh Su Gloria R. Sue Vikram Krishna Sundaram Alessandra Lara Szulc Lindsay Elizabeth Tague Akina Tamaki Michael Aaron Tanenbaum Eric Christopher Tate Maxwell Douglas Taylor Julia Marjorie Thorn Corban Israel Tillemann-Dick Sara Elizabeth Tincher Mayu Ellen Toner Lana Xian Tong Alexander Benjamin Traum Benjamin Tsai Cindy Hsinten Tsai Yu-Shan Tseng Sphoorti Dheerendra Umarjee Nicole Van Tongeren Nian Ramos Verzosa Elaine Tuong-Vi Vo Jacqueline Nicole Wagdalt Jaclyn Maria Starling Wallenmeyer Jia Wang Shervin Dina Wang **Charles Emerick Williams** Jason Daniel Wink Jacqueline Marie Wiseman Hei-Wah Wong Wai Sum Wong Kai Xu Jin Jie Xue Xi Yang Nathan Yee Hana Yoo Adrienne Marie Young Jordan M. Young **Claire Price Zachik** Jessica Zha **Tingting Zhou** Sandra Patricia Zoubovsky

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

#### Baccalanreate Candidates Gradnating with General Honors

Louis Henni Agon Vijay Aiyar Omar A. Almagri Layla Bararpour Mikhail Basilyan Polina Belyantseva Shane Alexander Betman Christine Bittner Deborah Ann Blass Ryan Joseph Bloom Alexander Willem Broekhof Jessica Kristen Brown Lukasz Jan Bugaj Andy Mu-chih Chen Charlotte Hui Chen Jasper Chen Jerry Xuan Chen Stephen Andrew Chen Yen Hsun Chen Jane Frost Chisholm Ji Soo Choi Han Yong Chua Yung-Chi Chuang Joseph Chung Francisco Jose Contijoch Bradford Vlahos Cotter Britni Aaren Crocker Michael Stephen Davenport Alejandro Javier De Simone Emily Ann DiDonato Sean T. DiStefano Srikanth N. Divi Phillip Michael Dowzicky David Hastings Ferguson Amy Hau Yu Fu David Benjamin Garber Tammer Nader Ghaly Jonathan Brian Gilbert Aubri Mae Grapkoski Gillespie Tanmay Anil Gokhale Jason Joseph Hsu Dih-Dih Huang Stephanie Huang Christopher McNally Hutchens John Counelly Kegelman Ann Kathryn Kennedy Conor Thompson Kevit Eric Tejune Kim Hoe-Joon Kim Kwan Kim

Dennis Lok Ko Grace Koo Christopher Thomas Laird Karlee Hiu Laam Lau Timothy Dexter Law Yi Chung Law Thai Le Juliano Lee Joseph Kalman Lefkowitz Derek W. Leong Daniel Yandong Li Steven Yiliang Li Tuo Li Worawan Limpitikul Momoe Maeda Chethan B. Mallela Mary Frances Malleney Aaron Michael Mannenbach Daniel Edward Matlin Tyler Robert McClintock Daniel Benjamin Merzel Justine Erin Mink Gayathree Murugappan Kaitlin Jane O'Keefe Andrew William Pao Mitali Mangal Parmar Dipa Patel Daniel Christopher Pike Marc David Porosoff David Edward Postetter IV **Kyle James Price** Mehdi Abdur Rahman Vikram Rajpurohit Nikhil Rao Britta Mary Rauck Byunghwi Rho Nkki Lea Ross Deepika Sagaram Stephanie Karen Sapp Daniel Craig Schiffner Dane Andrew Schiro Caitlin Marie Schneider Alan Charles Seifert Kai Marlon Seltsman Nisarg Jaydeep Shah Mike Sheng Jung-min Sohn Jefferson Ganesh Sooknarine Elizabeth Anne Specht Paul Ryan Stegall Sung Jin Sunwoo Grace Xue-Jun Tan Anton Vadimovich Tokronov Matthew Steven Trachtenberg Joseph Sehwa Tsao Kevin Jonathan Uy

Danielle Alexandra Velez Vivek Viswanathan Linda Ann Wan Jia Wang Joseph I-Tsun Wang Andy Wing Chung Wong Hiroshi Yamaguchi Jason Jiasi Zhao Yiran Zheng Katie Zhi Zhuang

#### The Carey Business School

#### Baccalanreate Candidates Graduating with General University Honors

A. Michael Bernard Tad David Edwards Peggy Sue Herman Brad B. Hunter Jonathan Jay David Michael Rosenthal

#### School of Education

#### Baccalaureate Candidates Graduating with General University Honors

Brian Paul Cedar Jeffrey T. Collins Vernon James Conaway Gary Paul Cumbo Martin Koerner Lonnie Dean Ledford Brian A. Matulonis Patrick David McDowell Jack L. Meckley Joe Perez Donald Allen Rouiller

#### The Zanvyl Krieger School of Arts and Sciences

#### Graduating with Departmental Honors

Harrison Low Standley Adams, *History of Art* Sarah Beth Addison, *English and Writing Seminars* Ayesha Sana Ahmad, *Neuroscience* Ishrat Ahmed, *Molecular and Cellnlar Biology* 

Heather Susan Barbakoff, English and Writing Seminars Alexander Ruskin Bardack, Political Science Laura Alice Barnes, French Mackenzie Dawn Barton-Rowledge, Physics and Astronomy Zoe Emily Bell, Writing Seminars Allegra Riah Ben-Amotz, Writing Seminars Clare Sullivan Bernard, Physics and Astronomy Priva Laurel Bhanu, International Studies Kevin Patrick Bilms Jr., International Studies Andrew Orvieto Brandel, Anthropology Frances Sullivan Brandt, Spanish Allison Jeannette Brusati, History Trisha Eloise Calvarese, Writing Seminars Holly Justine Caracappa, Writing Seminar Lelia Harding Chaisson, Public Health Studies Edwina M. Chang, Neuroscience Elysha S. Chang, English Tiffany Ann Chen, History of Art Yoonah Chi, Neuroscience Deanna Frances Chieco, Neuroscience Eric Michael Chung, Writing Seminars Anna Ippolita Ciuffo, Romance Languages and Literatures Kaitlin Julia Connell, International Studies Emily Margaret Cook, Classics Anna Grace Cotter, Political Science Sara Elizabeth Dayton, History of Art Michael Patrick DeWane, Public Health Studies Jennifer Lynn DiRicco, Spanisb and Writing Seminars Kathleen Elizabeth Doherty, English and Writing Seminars Erin Donohue, Writing Seminars

Mariyam Faiz-Andria Faiz, Molecular and Cellular Biology Elena Katya Fedyszyn, History of Art Julie Ann Fiorilla, English and Writing Seminars Precious Ann Ventura Fortes, Anthropology Brett Stuart Frankel, Mathematics Adam Kinsler Garson, Political Science Richard Christopher Geekie, Romance Languages and Literatures Michael Patrick Goodwin, International Studies, Political Science, and Spanish Laura Ann Gordon, Writing Seminars Ravi Govind Gupta, Public Health Studies Shalene Gupta, Writing Seminars Christina Mary Hadzitheodorou, Spanish Tahnee Lee Harrison, English Javed Ali Hashmi, Romance Languages and Literatures Jonathan David Hauptman, Spanish Kurt Richard Herzer. Public Health Studies Mitra Heshmati, Nenroscience Marshall Adam Honorof, Writing Seminars Winston Z. Ibrahim, Political Science Pierre Tariqul Islam, History Beckett Alexander Jackson, International Studies Katherine Ann Jacob, History and Writing Seminars Jayati Jain, Molecular and Cellnlar Biology Shekeab Jauhari, Physics and Astronomy John Carl Jorgenson, History Chang Hoon Jung, Neuroscience Joan Christine Kerecz, English Rachael Grace Kerr, Chemistry Jihan Kim, Neuroscience Sarah Kyung Lim Kim, History of Art Daniel David Knorr, History

Dana Elise Kozubal, Public Health Studies Nora Cobb Krinitsky, History Joshua Andrew Lachewitz, Philosophy Pamela Kate Lachman, **Political Science** Li Han Lai, Molecular and Cellular Biology Brian Patrick Lange, International Studies Hiu Yeung Lau, Molecular and Cellular Biology Anna Rebecca Lee, Physics and Astronomy Gene Wook-Jihn Lee, Chemistry Song-Yi Lee, History Drew Gordon Lefkof, History Emily Antonian Li Mandri, History of Art Jana Alison Lichtenfeld, Writing Seminars Denise Lin, Molecular and Cellular Biology Ryan Ly, Neuroscience Sneha Ramesh Mani, Molecular and Cellular Biology Chih-Ping Mao, Biology Brittany Wynn Matava, Neuroscience Sarah Jane McCruden, Writing Seminars Christopher Wynn McMullen, Neuroscience Christopher Paul Kingsley Miller, Neuroscience Fuad Kamel Muakkassa, French Thomas Casey Murphy, Writing Seminars Audrey Catherine Murray, Writing Seminars Valerie Carolyn Neff-Rasmussen, History of Art Neil Montgomery Neumann, **Biopbysics** Tam Thi Nguyen, Cognitive Science Daniel Chun-suk Oh, Biology Hayley Bowen Osen, Public Health Studies Alexander McCutchan Osuch, Writing Seminars Nicolas Eli Palmucci, History Guergana Gueorguieva Panayotova, French

Oi-ying Irene Pang, Sociology Lauren Andrea Pecarich, Writing Seminars Jennifer Peng, Writing Seminars Lisa G. Percival, Cognitive Science Joanna Charmane Perey, Writing Seminars Rachel Minna Pierson, History Julia Claire Pilcer, Political Science Matthew Sean Pines, Physics and Astronomy Molly Elizabeth Plovanich, **Biopbysics** Denise D. Pong, Spanish Grace Nicole Roberto, Writing Seminars Benjamin William Roose, Chemistry Jenna Lynn Rowen, Cognitive Science Ingrid Suzanne Schmiederer, History Laura Elizabeth Stith Scott, History Kathryn Rae Sepelyak, Neuroscience Johanna Sheu, Biology Esther Haerim Shin, Molecular and Cellular Biology and Spanish Charles O'Neil Sido, **Political Science** James Ernest Siegler, Neuroscience Sara Christine Simonian, History Madeline Oksana Smith, French and History of Art Jae Ho Sohn, Neuroscience Andrew Franklin Solinger, Political Science Janice Lee Son, Neuroscience Gaurav Srivastava, Neuroscience Shelby Elizabeth Strong, History Katherine Wailen Su, Molecular and Cellular Biology Vikram Krishna Sundaram, Writing Seminars Alessandra Lara Szulc, History Julia Marjorie Thorn, Cognitive Science Sara Elizabeth Tincher,

**Cognitive** Science Lana Xian Tong, Biology Cindy Hsinten Tsai, Biology Sphoorti Dheerendra Umarjee, Molecular and Cellular Biology Amelia Jeanné Vereb, Writing Seminars Jaclyn Maria Starling Wallenmeyer, French and Writing Seminars Jia Wang, Biology Brigitte Gwynne Oldfield Warner, Writing Seminars Amelia Lynn Whitman, Writing Seminars Connie Yau, Cognitive Science Claire Price Zachik, Writing Seminars Tingting Zhou, Economics

#### Gradnate from the Honors Program in Hmmanistic Studies

Ersin Akinci, B.A./M.A.

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

#### Baccalanreate Candidates Gradnating with Departmental Honors

Louis Henni Agon, Mechanical Engineering Vijay Aiyar, Mechanical Engineering Omar A. Almagri, Mechanical Engineering Layla Bararpour, Applied Mathematics and Statistics Mikhail Basilyan, **Biomedical Engineering** Kevin J. Beishline, Civil Engineering Polina Belyantseva, Chemical and Biomolecular Engineering Shane Alexander Betman, Applied Mathematics and **Statistics** Christine Bittner, Applied Mathematics and Statistics Deborah A. Blass, Civil Engineering

Ryan Joseph Bloom, Chemical and Biomolecular Engineering Alexander Willem Broekhof, Electrical and Computer Engineering Jessica Brown, Civil Engineering Lukasz Jan Bugaj, **Biomedical Engineering** Andy Mu-chih Chen, Chemical and Biomolecular Engineering Charlotte Hui Chen, Biomedical Engineering Jerry Xuan Chen, Applied Mathematics and Statistics Stephen Andrew Chen, Biomedical Engineering Ji Soo Choi, **Biomedical Engineering** Yung-Chi Chuang, Chemical and Biomolecular Engineering Joseph Chung, Biomedical Engineering Francisco Jose Contijoch, Biomedical Engineering Bradford V. Cotter, Chemical and Biomolecular Engineering Britni Aaren Crocker, Biomedical Engineering Michael Stephen Davenport, **Biomedical Engineering** Alejandro Javier De Simone, Meebanical Engineering Emily Ann DiDonato, Computer Science Bill Harry Diplas, **Biomedical Engineering** Srikanth N. Divi, **Biomedical Engineering** Phillip Michael Dowzicky, **Biomedical Engineering** David Hastings Ferguson, Engineering Mechanics David Benjamin Garber, Civil Engineering Tammer Nader Ghaly, Materials Science and Engineering Aubri Mae Grapkoski Gillespie, Biomedical Engineering Tanmay Anil Gokhale, **Biomedical Engineering** Jason Joseph Hsu, Biomedical Engineering Dih-Dih Huang, Chemical and Biomolecular Engineering

Stephanie Huang, **Biomedical Engineering** Liny V. John, **Biomedical Engineering** Douglas Phillip Karlsberg, Mechanical Engineering John Connelly Kegelman, Mechanical Engineering Ann Kathryn Kennedy, Biomedical Engineering Conor Thompson Kevit, Civil Engineering Eric Tejune Kim, Biomedical Engineering and Computer Science Hoe-Joon Kim, Mechanical Engineering and Applied Mathematics and Statistics Kwan Kim, Applied Mathematics and Statistics Dennis Lok Ko, Chemical and Biomolecular Engineering Grace Koo, **Biomedical Engineering** Timothy Dexter Law, **Biomedical Engineering** Thai Le, Biomedical Engineering Juliano Lee, Electrical and Computer Engineering Joseph Kalman Lefkowitz, Mechanical Engineering Derek W. Leong, Biomedical Engineering Steven Yiliang Li, Applied Mathematics and Statistics Tuo Li, Biomedical Engineering Worawan Limpitikul, **Biomedical Engineering** Momoe Maeda, **Biomedical Engineering** Aaron Michael Mannenbach, Computer Science Daniel Edward Matlin, Electrical and Computer Engineering Tyler Robert McClintock, Environmental Engineering Daniel Benjamin Merzel, Applied Mathematics and **Statistics** Gayathree Murugappan, Biomedical Engineering and Spanish Shannon Kathleen O'Connor, **Biomedical Engineering** 

Kaitlin Jane O'Keefe, **Biomedical Engineering** Andrew William Pao, **Biomedical Engineering** Mitali Mangal Parmar, **Biomedical Engineering** Dipa P. Patel, Civil Engineering Daniel Christopher Pike, Computer Science and Applied Mathematics and Statistics Kyle James Price, Biomedical Engineering and Applied Mathematics and Statistics William Arthur Prin, Computer Science Mehdi Abdur Rahman, **Biomedical Engineering** Taig Singh Rajpal, Mechanical Engineering Vikram Rajpurohit, **Biomedical Engineering** Nikhil Rao, Chemical and Biomolecular Engineering Britta Mary Rauck, **Biomedical** Engineering Byunghwi Rho, **Biomedical Engineering** Deepika Sagaram, **Biomedical Engineering** Stephanie Karen Sapp, Applied Mathematics and Statistics Daniel Craig Schiffner, Civil Engineering Dane Andrew Schiro, Environmental Engineering Caitlin Marie Schneider, Biomedical Engineering Alan Charles Seifert, Biomedical Engineering Kai Selterman, Mechanical Engineering Nisarg Jaydeep Shah, Chemical and Biomolecular Engineering Mike Sheng, **Biomedical Engineering** Jefferson Ganesh Sooknarine, Computer Engineering Elizabeth Anne Specht, Chemical and Biomolecular Engineering Paul Ryan Stegall, Mechanical Engineering Sung Jin Sunwoo, Biomedical Engineering Grace Xue-Jun Tan, **Biomedical Engineering** 

Anton Vadimovich Tokranov, Materials Science and Engineering Matthew Steven Trachtenberg, **Biomedical Engineering** Kevin Jonathan Uy, Mechanical Engineering Vivek Viswanathan, Electrical and Computer Engineering Linda A. Wan, Civil Engineering Jia Wang, Biomedical Engineering Joseph I-Tsun Wang, **Biomedical Engineering** Lauren A. Wingo, Civil Engineering Hiroshi Yamaguchi, Mechanical Engineering Michael Lin Zhang, Chemical and Biomolecular Engineering Jason Jiasi Zhao, Chemical and Biomolecular Engineering Yiran Zheng, Chemical and Biomolecular Engineering Katie Zhi Zhuang, **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.

## CANDIDATES FOR DEGREES

Bachelors of Science in Applied Mathematics and Statistics

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

Tasmim Fayrouz Anwar Deborah O. Babalola Lavla Bararpour David Nathaniel Batchelder Shane Alexander Betman Sameer Bhalla Christine Bittner Han Yong Chua Richard William Emrich Jr. Joshua Michael Hewitt Jin-kyu Kim Kwan Kim Sharon Lee Chethan B. Mallela Scott Henry Menke Matthew David Naftilan Vikram S. Raja Jeremy Michael Rothstein Stephanie Karen Sapp Cassie Elizabeth Wilcox Tianxing Xu John Andrew Yahiro

### Bachelors of Science in Biomedical Engineering

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

Shahed Shams Alam Collin James Anderson Charles Gotuaco Ang Alexander Horia Artaki Kamini Ambika Balaji Mikhail Basilyan Lukasz Jan Bugaj Adam Charles Canver Charlotte Hui Chen Jasper Chen Rong Chen Stephen Andrew Chen Christopher Ker-Way Chiang Charles Wei-Shing Chin Jeffrey Choi Ji Soo Choi

Joseph Chung Ashley Abbott Colletti Francisco Jose Contijoch Britni Aaren Crocker Amy Marie Dagro Michael Stephen Davenport Bill Harry Diplas Srikanth N. Divi Amar Dixit Phillip Michael Dowzicky Nicholas Lane Evoy Felicia Herling Feng Shengran William Feng Aubri Mae Grapkoski Gillespie Tanınay Anil Gokhale Pasha Hadidi Jason Joseph Hsu Stephanie Huang Karin Hwang Liny V. John Ann Kathryn Kennedy Eric Tejune Kim Alexander Scott King Grace Koo Christopher Thomas Laird Timothy Dexter Law Yi Chung Law Thai Le Derek W. Leong Daniel Yandong Li Tuo Li Worawan Limpitikul Eric Tsei-Wei Lin Barbara Ma Momoe Maeda Debjoy Debasish Mallick Rajiv Matthew Mallipudi Ioe M. Messana Alexander Lucas Munden Gayathree Murugappan Annie Yuhn-Chee Ng Rachel Ann Nicoletto Shannon Kathleen O'Connor Kaitlin Jane O'Keefe Andrew William Pao Mitali Mangal Parmar Suraag Snehal Patel **Kyle James Price** Mehdi Abdur Rahman Vikram Rajpurohit Britta Mary Rauck

Byunghwi Rho Deepika Sagaram Caitlin Marie Schneider Helen N. Schwerdt Alan Charles Seifert Forum Samir Shah Mike Sheng Neeta Sharad Shroff Minkyu Sung Sung Jin Sunwoo Joynita Sur Grace Xue-Jun Tan Ezra Martin Taylor Matthew Steven Trachtenberg Joseph Sehwa Tsao Ghandi P. Vallarapu Jia Wang Joseph I-Tsun Wang Sho-Yu Wang Yujie Wang Lawrence Chih-Yu Wei Andy Wing Chung Wong Johnson Wong Andrew Yang Xiao Nina Xu Kevin Lee Yeh Hanwei Yin Daniel J. Young Lauren Kyung A. Yum Joshua Ziran Zheng Vicki Zhou Katie Zhi Zhuang

### Bachelors of Science in Chemical and Biomolecular Engineering

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

Polina Belyantseva Vincent Bernard Ryan Joseph Bloom Katie Ann Blumer Alla Brafman Samantha Mckinney Buyniski Andy Mu-chih Chen Nicholas Joseph Chidiac Jane Frost Chisholm Geoffrey Chu Yung-Chi Chuang

Bradford Vlahos Cotter Megan Elizabeth Cox Marco Antonio DeLiso Rohit K. Dewan Rahul Joseph D'Mello David Jason Filipiak Amy Hau Yu Fu Larry Ricardo Gibson II Jonathan Brian Gilbert Jeevan Paul Gurijala Jin Han Raena Jae Hariharan Janice Leann Hayward Dih-Dih Huang Taek Kang Jamil Khan Dennis Lok Ko Michael James Kovacik Karlee Hiu Laam Lau Ching-Hsien Lee Mary Frances Malleney Ethan Adrian Marks Alyson Helena Nickols Sasha Adriana Niemeyer Erika Lynne Ohsfeldt Edgar Olivas Marc David Porosoff David Edward Postetter IV Nikhil Rao James Maxwell Robinson Kathleen Elizabeth Rogers Nkki Lea Ross Akhil Sameer Shah Nisarg Jaydeep Shah Jung-min Sohn Elizabeth Anne Specht Jared Peter Steranka Zhaoquan Wang Megan Renee Wood Gigi Yikgee Yam Steven Mark Yang Brian Gregory Youchak Michael Lin Zhang Jason Jiasi Zhao Yiran Zheng

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.

### Bachelors of Science in Civil Engineering

The G.W.C. Whiting School of Engineering

Kevin J. Beishline Deborah Ann Blass Jessica Kristen Brown Catherine Elizabeth Burns Kyle Brandle Dugan Timothy Garry Everson Gavin W. Fine David Benjamin Garber Christopher Joseph Hanson Katherine W. Horn Conor Thompson Kevit Dipa Patel Daniel Craig Schiffner Linda Ann Wan Lauren Auguste Wingo Kenneth Timothy Younger

## Bachelors of Science in Computer Engineering

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

Scott Griffin Morse Makoto Stephen Murakami Michael David Ross Jefferson Ganesh Sooknarine Lawrence Stanley Walters III Shane Devertt Woolwine

## Bachelors of Science in Computer Science

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

Yessen Yessetovich Amirzhanov John Henry Culleton Arthur Merlin Danskin Emily Ann DiDonato Dustin Nathan Franklin Daniel Christopher Pike William Arthur Prin Michael Anthony Vecchiollo Joseph John Vidalis Matthew Jacob Ziegelbaum

## Bachelors of Science in Electrical Engineering

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

Pradhyumna Agaram Alexander Willem Broekhof Scott Raleigh DeJarnette Arpan Jitendra Desai Brian John Galbraith David Andrew Hill Michael Willem Kruger Juliano Lee John Edward Malcolm Daniel Edward Matlin Vivek Viswanathan

## Bachelors of Science in Engineering Mechanics

The G.W.C. Whiting School of Engineering

David Hastings Ferguson

## Bachelors of Science in Environmental Engineering

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

Colin William Beck Jessica Kyle Demoise Prasad Ravi Gullapalli Jenna D. Laube Daniela Martínez Tyler Robert McClintock Devin Joseph McDermott Dane Andrew Schiro Andrew Coy Tagoe

### Bachelors of Science in Materials Science and Engineering

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

Beza Teferi Abebe Daniel Arthur Boyd Caroline Chen Yen Hsun Chen Sean T. DiStefano Benjamin Alex Furman Tammer Nader Ghaly Daniel Aldo Gravé Theodore Richard Heron David Hung Christopher McNally Hutchens Kyu-ri Kim Melissa Lectura Eric Roberto Lopez Osezua John Olear Corlisa Nereah Ondijo Greig Kenneth Richmond Craig M. Rosenblum Anton Vadimovich Tokranov Danielle Alexandra Velez Fan Yang

## Bachelors of Science in Mechanical Engineering

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

Louis Henni Agon Vijay Aiyar Omar A. Almagri Rosemary Victoria Bauer Alexander Parker Bodell Prasanna Chandrasekhar John Robert Clarke Alejandro Javier De Simone Kelly Dyer Brian Sean Ejsmont Rvan Daniel Farmer Christopher Borden Floyd Rachel Ann Geary Steven Thomas Gillmeister David Douglas Haldane Stephen F. Iannelli Douglas Phillip Karlsberg John Connelly Kegelman Hoe-Joon Kim Kenneth Douglas Komoroski Joseph Kalman Lefkowitz Benjamin Pressman Taig Singh Rajpal Taylor Jonathan Reese Jonathan Dill Ryan Kai Marlon Selterman James Shim Paul Ryan Stegall Kevin Jonathan Uy Kelly L. Vaden Edward F. Wisneski III Hiroshi Yamaguchi

## Bachelors of Aits

The G.W.C. Whiting School of Engineering Gunnar Colby Barcomb Justine Erin Mink Angela Marie Salerno Alassane Soumare

### Bachelors of Arts in Applied Mathematics and Statistics

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

Andrew LeCompte Boudreau Jerry Xuan Chen Steven Yiliang Li Daniel Benjamin Merzel

## Bachelors of Arts in Computer Science

The G.W.C. Whiting School of Engineering

David Joseph Fioretti Aaron Michael Mannenbach

## Bachelors of Science in Molecular and Cellular Biology

## The Zauvyl Krieger School of Arts and Sciences

Ishrat Ahmed Omar Hammad Atassi Robert Anthony Attorri Francisco Ayerbe Eunice Boo Gaggan Kaur Brar Olga Briklin Brian Changho Cho Philip Chuang Jaevoon Chung Courtney Aileen Cunningham Vanessa Tania Damm Robert Wilson Dewan Benjamin Jeffrey DiPardo Lauren Elizabeth Drake Mehdi Mohamed Draoua Vishal Duggal Tristan Isaac Evans Mariyam Faiz-Andria Faiz Sarah Habib Fazli

Ariela Sarah Friedman David Alan Gladowski Michael Thomas Godar Salma Qudsiya Haneef **Brian Wesley Hanes** Daniel Har Frazer Ilse Heinis Chang-Min Hwang Tanzeem Afreen Islam Jayati Jain Muksit Imam Jamil Michelle Yongkyong Jang Isaac Daniel Jenabi Sunggoan Ji Amy Youyeun Kim Andrew Seok Kim Brian Yongjin Kim Joy S. Kim Dorothy Amanda Knutsen Jay Hemant Kulkarni Li Han Lai Hiu Yeung Lau Josephine Hoi Yan Lee Anthony Joseph Leonardi Allen Li Lingsheng Li Denise Lin Berent Anton Winslow Lundeen Sneha Ramesh Mani Chih-Ping Mao Christopher Ryan Mayhew Ashley Sui-Yi Moon Louis Chukwunonso Okafor Jonathan Jaeseong Park Denise D. Pong James Braden Robbins Robert Axel Sershon Rahul Prakash Shah Shirley Shao Afzal Mohammed Sheikh Esther Haerim Shin Isha Narain Srivastava Katherine Wailen Su Akina Tamaki Yu-Shan Tseng Sphoorti Dheerendra Umarjee Elaine Tuong-Vi Vo Amy Xu Wang Xiaodan Wang Cameron Korb Ward Felicia Leanne Williams Jin Jie Xue Megan Elizabeth Zepp

### **Bachelors of Science in Physics**

## The Zanvyl Krieger School of Arts and Sciences

Mackenzie Dawn Barton-Rowledge Clare Sullivan Bernard Eugenio Victor Garcia Alena R. Geffner-Mihlsten Dominic Joseph Genovese Serah Ruth Gutman Shekeab Jauhari Jeffrey Maxwell Kalter Michael Evans Kruskal Anna Rebecca Lee Michael William Loecher Christopher Francis Warner

### Bachelors of Arts

## The Zanvyl Krieger School of Arts and Sciences

Sarah Catherine Abare Bhavna Abbi Ademola I. Adamolekun Harrison Low Standley Adams Sarah Beth Addison Rahul Agarwal Ayesha Sana Ahmad Eric Hyunjene Ahn Jasmine Tandace Ainetchian Ersin Yunus Akinci Jemma Alarcon Candace Ida Albert Sarah Anne Alderfer Cecily Asifa Aleem Daniel Shawqi Alhakeem Narges Aliphanah Jahroudi Jessica Mary Aloe Daniel Ly Ammirato Su Jin An Kara-Marie Clarissa Anderson Samuel Collins Anderson Nicole Frances Angeli Cesare Joseph Angeloni Jennifer Lynn Armstrong Christopher Alexander Avedissian Marina Avetisvan Eunice Baffour Awuah Joseph Hyun-Min Baek Christopher Marcus Baldwin Heather Susan Barbakoff Irina Barch Alexander Ruskin Bardack

Laura Alice Barnes Griffin Michael Barnett John Ryan Barrett Arturo Barrios Jeremy Alden Batoff Kaylin Jessica Beck Emily Michele Becker Joelle Albertha Beckles Philip Patrick Beggans Esther Falcon Bell Zoe Emily Bell Allegra Riah Ben-Amotz Stefanie Lynn Benca Stephen Lawrence Berger Jonathan A. Bernhardt Jenna Elizabeth Berninger Priva Laurel Bhanu Kevin Patrick Bilms Jr. Ryan MacKenzie Morris Biner Ravinder Matthew Singh Binning Sandra Arlene Birnbaum Laura Beth Bitner Rodney Carey Boden Adedayo Oluwaseun Bolaji-Adio Alexander Robert Bond Benjamin Jan Bronstein Bonte Anders Victor Borge Alexandra Panagiota Bourlas Bernita Terese Boxill Andrew Orvieto Brandel Frances Sullivan Brandt Emily Martin Bremner Jerome Axle Brown Allison Jeannette Brusati Jessica Lynn Buicko Rachel Elizabeth Burkey Thomas Jacob Burns Stephen Alexander Byeff Lindsay Renee Bynum David Carthage Byrnes Theodore F. Cafaro Cristina Marie Caiigas Del Valle Marc Dean Calabrese Keri Lee Calkins Trisha Eloise Calvarese Nadia Campbell Sean Thomas Campbell Rebecca Gail Canter Paige Antoinette Cantlin Holly Justine Caracappa Christine Claudia Carballo Caitlin Maria Curbow Carlberg Matthew James Carlson Robert Christopher Carper Ashley Anne Carter

Fiorella Beatriz Castillo George Scott Castle Holly Noelle Caten Elizabeth Ivory Caudle Bede S. Cha Lelia Harding Chaisson Anna Ruth Chambers Gloria Lisee Chan Edwina M. Chang Elysha S. Chang Vishal Changrani Pei-Ting Betty Chao Brittany Bernadette Chavez Julie Ting-Chu Chen Kaixi Chen Karen Iwen Chen Tiffany Ann Chen Wan-Hsin Chen Samuel Jonathan Chester Yoonah Chi Deanna Frances Chieco Gregory Harris Chimera Jihee Choe Yoo Jin Choi Christopher Y. Chong Michelle Tzu-Hsuan Chuang Natachi Nonoju Chukumerije Eric Michael Chung Samji Chung Anna Ippolita Ciuffo Olivia L. Claxton Daniel James Colacurcio Jenna Louise Colagiacomi Michael Richard Colgan Samantha Michelle Collado Kaitlin Julia Connell Jessika Anny Contreras Emily Margaret Cook Justin Myles Cooke Emily Claire Corcoran Alexandra Danielle Cork Brian Matthew Corliss Kayla Opalin Cort Valeria Ashley Costadoni Luciano J. Cothias Anna Grace Cotter Daniel Keith Coulter Christen Niara Cromwell Melissa Danielle Cross Isabelle Flebei Cui Sarah Elizabeth Curry Bethany Lyn Dale Rebecca Dang Kristol Das Giovanti Nathaniel Davis Peter Gorton Davis

Sara Elizabeth Dayton Claire Isabel Violette de

Forcrand de Coiselet Ramiro De La Guerra Charles F. de los Reves Domenico de Notaristefani Charles Stanislas Dean Roxana Del Campo Paolo Manuel del Valle Sarah Elizabeth DePaolo Catherine Antoinette Derbes Aparna Desai Meagan Elaine Detrani Michael Patrick DeWane Neena Singh Dhouni Laura Marie Dingle Michael Robert Dinizo Amanda Maria Dios Jennifer Lynn DiRicco Moon Doh Kathleen Elizabeth Doherty Jaydevsinh Narendrasinh Dolia Vincent Edward Domestico Nicholas Wardner Donoghue Erin Donohue Benjamin John Dorfman Alexandra Hickman Downs Michael Scott Drury John Walter Dubovick Michael William Dubovick Avi Joshua Dunn Chelsea Weis Dunne Amy Elizabeth Dusto Austin Charles Ehrhart James Chen Einsiedler Gabriella Elias-Bachrach Paul Eliasson Lisa Elv Danielle Shannon Ernst Nicole Ann Errett Cristina Escalante Michael Charles Evans Michael Gerard Evans Danielle Kristine Fahev Olawunmi Adejoke Fajobi Paulo Nobresga Farqui Frantz C. Farreau Kathryn J. Farrell Rvan Nicholas Farrell Darius Justin Farzad Elena Katya Fedyszyn Anne Elizabeth Fehrenbacher Sarah Alison Feinmark Mark Fisher Felbinger Matthew David Ferg Francesca Sarasvati Ferrono

Julie Ann Fiorilla Kathleen Marie FitzGibbon Zachery Stephen Fleischer Victoria Flores Fernandes Katrina Iean Foelber Precious Ann Ventura Fortes Jonay Michelle Foster Kyle C. Foust **Jesse Nelson Fox** Brett Stuart Frankel Paul Charles Frankle James Isadore Freedman Grace Pang Fried Jared Colin Friedman Shawn Qiang Fu Sheng Fu William Scott Fuller John William Funk II Daniel Lawrence Furman Andrew L. Gaddis Jesus Gerardo Gallegos Adam Kinsler Garson Katharine Marie Garvin Maya Hylton Garza Nicholas Timothy Gauna Richard Christopher Geekie Benjamin Edwin Gibson Nicholas Angelo Giuliano Adam Jeffrey Goebel Erin Leigh Goff Matthew Lawrence Goldman Iason Goldman-Petri Scott Harris Goldsmith Philip Jason Goldstein Daniela Gomez Michael Patrick Goodwin Julia Ann Gordon Laura Ann Gordon Jacquline Monique Green Whitney Rose Grither Huiying Guo Ravi Govind Gupta Shalene Gupta Wren Louise Haaland Dikega Peron Hadnot Christina Mary Hadzitheodorou Alyssa Marie Haeusslein Kerry Ann Hamilton Kate Noelle Hansen Joseph Alan Hanson Michael George Hardiman Amelia Laura Harris David Jinn Harris Gregory Charles Harris Tahnee Lee Harrison Thomas Bennet Harvey

Javed Ali Hashini Jonathan David Hauptman Rebecca Lynn Hauss Rebecca Kate Hawley William Robert Hearon Olivia Kennedy Helprin Kaitlin Rebecca Hendrickx Gina Gale Hermogeno Elizabeth Clark Hersev Kurt Richard Herzer Mitra Heshmati Jennifer Marie Higgins Matthew LeRoy Hintz Thomas Henry Hintze Emma Wistar Hiza Iordan Alexander Hoffman Rachel Victoria Tamagna Hogen Emma Day Hollister Anne Elizabeth Cihat Holstein Rosa Hong Ashley Elizabeth Colton Hongisto Marshall Adam Honorof Emily Rose Dickler Hoppe Leah Grambs Horton Steven Matthew Houck Sean Paul Houton Amelia Courtney Hritz Jenny Hsu Kevin Loching Huang Christopher John Hubley Wesley Hung Colleen Frances Hussey Ji Hea Hwang Winston Z. Ibrahim Elizabeth Anna Ignatowski Jordan Elizabeth Ireton Lisa Marie Irizarry Pierre Tariqul Islam Kimberly Kristen Jackanich Beckett Alexander Jackson Shannon Angela Jackson Katherine Ann Jacob Matthew Aron Jadusingh Maneesha Pradip Jamnadas Daniel Jano Ashley Rae Jaramillo Paige Ashleigh Jennings-White Philos Hahn Jeong Ahra Joh Courtency Amanda Johnson Claudine Elaine Jones Darryn Steven Jones Lauren Rose Jones Young Hwan Joo John Carl Jorgenson

Peter Joseph Judge Chang Hoon Jung Priva Kamath Evelyn Tchomkam Kamgang Sharon Kaminski Collin Douglas Kamm So Yun Kang Patrick Michael Kay Michael Joseph Keane Mirchaye Berhanu Kebede Kiley Jule Keelin Mary Kathleen Kemp Ashley Choate Kennedy Joan Christine Kerecz John Joseph Kernan Rachael Grace Kerr Zarrah Keshwani Emraan Sirfraz Khan Nadia Khan Sana Fatima Khan Keshav Khanijow Diana Khatib Laura Williams Kilbride Daniel D. Kim Jason Yongha Kim Jihan Kim Oh Young Kim Sarah Binna Kim Sarah Kyung Lim Kim Colin Edward Kleinguetl Julia Martine Klofas Daniel David Knorr Paige Kristin Knowles Catherine Mieran Koh Shannon Jeongsim Koh Johnathan Andrew Komich Philip Michael Konopa Dana Elise Kozubal Joshua Richard Kratz Nora Cobb Krinitsky Raphael Krut-Landau Joshua Alexander Kuhlman Iason Kwon Sook-Kyung Christina Kwon Lindsay Alanna La Forge Hannah Nell LaBerteaux Porsche Janay Lacewell-Davis Joshua Andrew Lachewitz Pamela Kate Lachman Jessica Janice Lambertson George Lambrinos Meredith Louise Lammertse Adair Quinn Landy Brian Patrick Lange Andrew Chase Langer Vanessa Cristine Lanio

John Robert Lapides Richard Davidson LaRose **Jill Emily Lasak** Sheri Olabisi Lawal Alexander Hosang Lee Brian H. Lee Gene Wook-Jihn Lee Gina Lee James Tseryuan Lee Jason Choonghyun Lee Ron Sangjoon Lee Song-Yi Lee Sumin Lee Sunmin Lee Susie Lee Wan-chen Jenny Lee Christina Marie Leehr Drew Gordon Lefkof Marian Kate Leitner Adam Charles Lempel Andrew Allen Lenoir Jessica Maria Lescano Catherine Schuette Levenson Amanda Rae Lewis Jessica Yang Li Emily Antonian Li Mandri Margaret Liao Nicole Dora Licato Jana Alison Lichtenfeld Jason Evan Liebowitz Jr. Abraham Jun Lim Naina Limbekar Lauren Elizabeth Links Liang Liu Su Liu James Patrick Livengood Tara Ashley Loboda Edward Gabriel Looney Ricardo Lopez Alexander Harry Lopyan Christopher Eric Louie David Lu Tom Jin Lu Christopher Ryan Ludgate Prateek Luthra Ryan Ly Ashley Anne Macdonald John Christopher MacElveen Peter William Maginot Nirosha Mahendrarátnam Julia Maimone-Medwick Jennifer Erin Maldarelli Saira Parveen Malik Gina Michelle Maranto Jacob Maxwell Marder Anna Rachel Margolis

Molly Ann Marks Meghan Elizabeth Marshall Monique L. Marshall Salvatore Christopher Martino Brittany Wynn Matava Takeshi Matsui Lauren Ashley Mattia Wade Durant Mayes Carroll Catalina McCallum Ellen Tara McClure Sarah Jane McCruden Christine Brooke McCurdy Shawn Ryan McDonald Kerri Anne McGovern Justin Riley McMahon Christopher Wynn McMullen Sean Patrick McWilliams Max Daniel Mealy Elisabeth Ashley Meinert Ian Lee Meller Samuel Benjamin Messing Jill Samantha Metzger Lawrence Joseph Michalski Cassandra Lynn Mickish Milena Mikailova Christopher Paul Kingsley Miller Emily Joan Miller Kristen Paige Miller Anna Marie Mischke Salman Mohamined John Jarred Molitoris Melanie E. Monaghan Michael Brandon Moore Elizabeth-Ann Lilian Moss **Constance Heather Moussouris** Fuad Kamel Muakkassa Olivia Matsingoum Mukam Ethan Wyatt Mulligan Felipe Edgardo Muñoz Castillo Michael J. Murphy Thomas Casey Murphy Audrey Catherine Murray Ambroshia Marie Murrietta Lakshmi A. Muthu Jermaine Andre Myers Akash Narayan Naik Tara Sai Nayak Valerie Carolyn Neff-Rasmussen Austin Scott Nelson Iantel Renee Nelson Marissa Ana Neto Neil Montgomery Neumann Andrew Simon Ng David Vinh Quoc Nguyen Khang Gia Nguyen

Tam Thi Nguyen Tuyen Hoang Nguyen Derek Kwadwo Nnuro Richard Boydston North Jr. Atieh Novin Mireille Ntore Geoffrey Rogan Nunns Devon Chigozie Nwaba Jane Hana O'Connor John Lawrence O'Donnell Morolake Olusevi Odumosu Daniel Chun-suk Oh Thomas Peter O'Neill Joe O. Onvebuchi Amarachi Ekeoma Onyima Guillermo Enrique Ortega Paula Jean Osborn Nieri Germana Osbourne Havley Bowen Osen Alexander McCutchan Osuch Bridget Voke O'Sullivan Christopher Won Pae Nicolas Eli Palmucci Hao-Min Pan Guergana Gueorguieva Panayotova Oi-ying Irene Pang Raj D. Parikh Hae Yun Park Paul Sabum Park Melissa Ann Patterson Gifti Paulos Lauren Andrea Pecarich Joshua Calib Peck Jennifer Peng Laura Renee Perazzoli Lisa G. Percival Francesca Marcella Peretti Joanna Charmane Perev Natasha Lashel Peterson Antonio Vincenzo Petrozzino Amy Nicole Peyrot Kristin Leigh Phillips Rachel Minna Pierson Julia Claire Pilcer Matthew Sean Pines Seth Douglas Pitts Ian Grant Plosker Molly Elizabeth Plovanich Mikhael Polotsky Jessica Alexandra Liberty Popkin Winston David Powell Bryan Roger Power Shivaani Gyan Prakash Catherine Briggs Pross Nicholas Andrew Pucci

Ryan Herndon Purcell Joseph Francis Quinn Zachary Lucas Carl Quinn Shiraz Tariq Rahim Katherine Anne Rainone Aarthi Rao Jennifer Andrea Rasse Scott Evans Ratcliffe Sarah Perla Ratzenberger Colin Reece Ray Rebecca Eve Razulis Swathi Devuni Reddy Whitney C. Reiben Leo Aidan Heidt Renaghan Emily Jean Renneburg Christina M. Renninger Mary Margaret Rider Stephen Craig Rigg Patrick Joseph Rizzuto III Kevin Harold Roach Grace Nicole Roberto Mara Isabelle Roberts Kathryn Carol Robinson Christopher Paul Rochester Oleh Rostyslav Romaniw Jacqueline Marie Rooney Benjamin William Roose David James Rose Lillie Anne Rosen **Jenna** Rossoff Amanda Theresa Roth Amit Routh Iennifer Rose Rovetti Jenna Lynn Rowen Megan Alysse Rowlands Daniel Ilan Rubin Matthew Louis Rugani Larry Richard Ruhl Miriam Isabelle Ruiz Andres Martinez Sanchez Maria Theresa Sanchez Nicholas Cray Scannan Mary Alissa Schindler Dietrich Ross Schlueter Tyler Wilson Schmidt Ingrid Suzanne Schmiederer Allison Florence Schnader Kathryn Diane Schneider Emily Elaine Scibilia Laura Elizabeth Stith Scott Deepali Clare Sengupta Kathryn Rae Sepelvak Madhav Rao Seshadri Bassel F. Shalaby Shuai Shao Nikhil Sharma

Weijiang Virginia Shen Johanna Sheu Oleg Michael Shik Charles O'Neil Sido James Ernest Siegler Mpepera Brito Simango Dayo Mattie Simms Sara Christine Simonian Caitlin Caroline Sloane Anne Therese Smedinghoff Kimberly Lynn Smith Lillian Xela Smith Madeline Oksana Smith Peter William Smith Peter James Sobel Jacqueline Marie Sofia Iae Ho Sohn Andrew Franklin Solinger Megan Rachel Solomon Janice Lee Son Alia Miriam Sonara Albert Kyung Song Michael Anson Sonnecken Joan Marie Spirvtus Gaurav Srivastava Kristopher Andrew Standish Elissa Beatrice Stautner Molly Elizabeth Steele Ian Eric Steinmo Hannah E. Sternberg Malcolm William Stewart Allison Mary Stoddart Tierra Bonita Strange Henry Frank Striegl III Shelby Elizabeth Strong Sharlene Sichi Shieh Su Markand Mani Subra Gloria R. Sue Timothy Joseph Sullivan Michael Jennings Sumner Charanya Sundar Vikram Krishna Sundaram Krister Olof Svensson Nauroz Syed Alessandra Lara Szulc Lindsay Elizabeth Tague Michael Aaron Tanenbaum Adam Tanious Adam Nicolas Targan Eric Christopher Tate Harrison Hines Taylor Maxwell Douglas Taylor Jennifer Kai-Wen Teng Heywan Mariam Tesfaye Rajan Tharakan Ashley Brynn Thomas

Julia Marjorie Thorn Corban Israel Tillemann-Dick Sara Elizabeth Tincher Hovin Leona Tjio Mayu Ellen Toner Lana Xian Tong James Tonningsen Matthew Harrison Topelius Katlyn Elizabeth Torgerson Ninosfka Torres Michael Alexander Tourville Alexander Benjamin Traum Benjamin Tsai Cindy Hsinten Tsai Jessica D. Turral Geeta Sophie Vadehra Anna Vaivoda Sarah Valverde Nicole Van Tongeren Lidenys Crystabel Varela Amelia Jeanné Vereb Nian Ramos Verzosa Andrew Peter Vielkind Christopher Charles Viemeister Alexandra Michelle Vockroth Elias Alexis Vokolos Adam Josiah Waddell Jacqueline Nicole Wagdalt Rahul Wagh Katherine Anne Wagner Jaclyn Maria Starling Wallenmeyer Jia Wang Shervin Dina Wang Brigitte Gwynne Oldfield Warner Michael Peter Wasilczyk Frederick William Weber Jessica A. Weeman John O. Wei Scott Weisenfeld Sara Welinsky Amelia Lvnn Whitman Charles Emerick Williams Michael Thomas Wills Brenton Tyler Wilson Jason Daniel Wink Michael R. Winnett Jacqueline Marie Wiseman Ilana Samantha Wolk Hei-Wah Wong Katie Mei Kei Wong Wai Sum Wong Nicole La' Chell Woodland Danielle Nicole Wray Jessica Lindsay Wright

Xue Xie Erin Yue Yang Xi Yang Connie Yau Kuo Ye Nathan Yee Jennifer Yi Hana Yoo Eva Louise Yopes Kaori Yoshida Adrienne Marie Young Jordan M. Young Claire Price Zachik Anialac Ameij Zavala Jessica Zha Linxin Ying Ying Zhang Qi Charles Zhang Jiacheng Zheng Tingting Zhou Daniel Edward Zielinski Sandra Patricia Zoubovsky Raheel Arshad Zubair Andrew Jon Zwelling

#### **Bachelors** of Music

## The Peabody Conservatory of Music

Devin Antoine Adams, Saxophone Hannah Emily Barton, Violin Robert McKyle Beard, Clarinet Westley DeMario Benson, Percussion David Nicholas Bergin, Organ Samuel Joseph Brannon, Composition John Charles Britton, Guitar Andrew Charles Broadwater, Recorder and Viola Philip William Cavendish Browne, Horn Christopher James Brusil, 7azz Trumpet and Recording Arts Daniel Brian Butman, Piano Brian Reid Butz, Tuba Ying-Yeung Chan, Clarinet Yun-Chu Chiu, Percussion Audrey Elise Christensen, Trombone Katlyn Lee DeGraw, Violoncello Jaclyn Dorr, Viola Nathan Ellman-Bell, Jazz Percussion Hakki Cengiz Eren, Guitar

João Carlos FitzPatrick Augiar, Horn Alexander Freidah, Gnitar Malori Diane Fuchs, Violin Ismar Sergio Gomes, Violoncello Jakob C. Hofer, Violin Iris Hsu, Piano Nathan Jolley, Jazz Percussion Noble Jolley Jr., Jazz Piano Elisabeth Shaff Kelson, Bassoon Rachael Kerr, Piano Elizabeth Eunjoo Kim, Violin Shin-hye Kim, Violin Kimberly Kong, Piano Stephanie Adrienne Kruskol, Voice Connie Kwon, Piano Hyejin Kwon, Piano Yun Kyong Lee, Voice James Asheton Lemay, Percussion Chun-Han Sophia Lin, Piano Paolo E. Maliksi, Violoncello Robert James Mattera Jr., Music Education Kathleen Deborah McCormac, Violoncello Paul Holmes Morton, Guitar Gabrielle S. Murphy, Jazz Saxophone Todd Andrew Nichols, Enpboninm Dariya Nikolenko, Flute Patrick O'Leary, Recording Arts Britt Hayley Olsen-Ecker, Voice Evgueni Opredelennov Clarinet and Recording Arts Taneea Ortman, Clarinet Hee Kyung Park, Violoncello Frederick Ross Peacos, Trombone Benjamin Peck, Music Education Gina K. Peck, Piano Camille H. Petty, Piano Hannah Poole Pressley, Violoncello Elizabeth Ramirez, Clarinet Christopher Charles Reber, Tuba Joy Christine Rowland, Double Bass Scott Michael Sayre, Computer Music Composition Charles-Patrick Berkowitz Sekel, Jazz Piano Christopher Shiley, Trumpet

Jacob Benjamin Silver, Jazz Piano Kerri Lynn Slominski, Voice David Smith, Horn Karla C. Smith, Viola Junguen Journey Son, Violoncello Colin Sorgi, Violin Emma Kathleen Stanley, Trumpet Lindsay Michelle Thompson, Voice Margaret Rose Tomlinson, Horn Matthew J. Viator, Composition Madelyn Rose Wanner, Voice Christopher Jacob Whittaker, Composition George W. Wiese III, Trombone Catherine Wong, **Recording** Arts Tracy Virginia Wu, Violin Denise Saugia Yen, Piano

#### Performer's Certificates

# The Peabody Conservatory of Music

Robert James Mattera Jr., *Tuba* Meng Su, *Guitar* 

#### The School of Nursing

### Bachelors of Science May 21, 2009

**Emily Sue Adkins** Helena Esi Agen-Davis Heather R. Alleyne Sarah June Allgood Susan Bennett Anderson Jane Alden Becker Seema Bhatia Meredith Hazlehurst Bluefeld Stephanie Ophelia Briley Erica Charmain Sherena Bryant Kristin Michelle Burks Nicole M. Bush Stacey Lynn Carrico Carolyn Elizabeth Caselden Karli Cassidy Bernice Yee Man Cheng Lindsay Susan Clark Carla Pia Corpuz Kristin Sosa dela Cruz Genevieve Dennis

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### Bachelors of Science July 24, 2009

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#### **Bachelors** of Science

#### The Carey Business School

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#### Graduate Certificates

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#### Masters of Business Administration

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#### Masters of Science

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Christopher Scott Starr, Information and Telecommunication Systems Anthony James Startt, Real Estate Ivan Stetsyuk, Finance Sherri Nichole Stevens, Organizational Development and Strategic Human Resources Benjamin Alan Stoll, Real Estate Katherine Claire Straub, Information and Telecommunication Systems Wei Su, Finance Todd Wesley Summerfield, Real Estate Sabrina Michelle Sylvester, Marketing David Leroy Taylor Jr., Real Estate Raymond Patrick Taylor, Organizational Development and Strategic Human Resources Tadios Tefera, Information and Telecommunication Systems Tawanda Sheree Thomas, Real Estate Trinh T. Truong, Information and Telecommunication Systems Fang-Chi Tsui, Marketing Harriet A. Tuxhorn, Organizational Development and Strategic Human Resources David Roger Tygett, Information and Telecommunication Systems Salina Um, Information and Telecommunication Systems Gary Gardner Vance, Real Estate Toral N. Vani, Organizational Development and Strategic Human Resources Michael Joseph Vogt, Real Estate Zuri Eve Walker, Organizational Development and Strategic Human Resources Chia-Kan Wang, Finance Shin-Ting Wang, Finance Chun Wang Liang, Finance Lawrence Anthony Waudby Jr., Organizational Development and Strategic Human Resources

Nancy Elsie Webb, Organizational Development and Strategic Iluman Resources Jason Michael Weber, Information and Telecommunication Systems George Reid Weppler, Real Estate Ann Brill White, Information and Telecommunication Systems Alysha Deanne Wickard, Information and Telecommunication Systems N. Perry Wilderson Jr., Information and Telecommunication Systems Charlene O. Williams, Organizational Development and Strategic Human Resources Yvette Nicole Williams Johnson, Organizational Development and Strategic Human Resources Kevin Christopher Willis, Real Estate Erica Mae Wilson, Organizational Development and Strategic Human Resources Kevin Louis Wilson, Organizational Development and Strategic Human Resources Peter Legendre Winstead, Real Estate Timothy William Wolf, Real Estate MaryLouise Wrabley, Marketing Chun-Te Wu, Finance Mengdi Wu, Finance Michael Norman Wynne, Information and Telecommunication Systems Robert Ka-Chi Yam, Finance Jou-Yun Yang, Marketing Yihong Yang, Finance Ozlem Yelken, Organizational Development and Strategic Human Resources Thitiporn Yenpunya, Information and Telecommunication Systems Hong H. Yeung, Information and Telecommunication Systems Abraham Michael Yoffe, Real Estate Vanessa Siao-Han Yu, Marketing

Syeda Maryam Zaidi, Information and Telecommunication Systems Mahmooduz Kumuzu Zaman, Organizational Development and Strategic Human Resources Sohail Ethan Zandieh, Finance Lin Zhang, Finance Yuanya Zheng, Finance Daniel Zimerman, Information and Telecommunication Systems

#### Post-Master's Certificates

The Carey Business School

Adolf Clifford Brown, Information and Telecommunication Systems Usha Devi Chatarpaul, Information and Telecommunication Systems Edward Mao-Hsiang Chuang, Information and Telecommunication Systems Hamish Clive Hay, Organizational Development

#### **Bachelors** of Science

#### The School of Education

Samuel Jerome Bell, Management William Alton Best III, Management Charmean J. Brice, Management Michael Eugene Cain, Management Brian Paul Cedar, Management Eugene Otolorine Victor Coker, Management Lisa Coleman, Management Jeffery T. Collins, Management Vernon James Conaway Jr., Management Marvin M. Credell, Management Gary Paul Cumbo Sr., Management Stephen J. Davis, Management

Richard Trevor Duvall, Management Parker David Elliott, Management Vincent Philip Fiscella, Management Kevin John Flaherty, Management David Alan Francis, Management Scott Edward Haines, Management June Stanyetta Hall, Management Steven Matthew Harris, Management William Thomas Harris, Management David Phillip Hendricks Sr., Management Clifford Thomas Hughes Jr., Management Kimberly Monique Hunter, Management Christopher Shawn Johnson, Management Joe Henry Jones Jr., Management Christopher Todd Kauffman, Management Martin Edward Koerner, Management Lonnie Dean Ledford, Management Robert Dale Leeper, Management John Robert Leineweber, Management Richard D. Lisko, Management Sheri J. Luck, Management Evert A. Lufadeju, Management Brian A. Matulonis, Management Patrick David McDowell, Management Paul McMillian, Management Jack L. Meckley, Management Paul Wright Moore III, Management Timothy Scott Morris,

Marsha Rose Mutchler, Management George Robert Nader, Management Michael Keith Norris, Management Christopher Robert Rex Paradis, Management Joe Perez, Management Vernier Paulette Riggs, Management Mark Alan Rinehart, Management Donald Allen Rouiller, Management Vernell Carmen Shaheed, Management Samuel Perry Shipley, Management Douglas Heindel Shroyer Jr., Management Rudolph John Wagner IV, Management Gary Walker, Management Mark Allen Walrath, Management Rhonda Beth Weaver, Management Charles V. Wernz Jr., Management Woodland Marion Wilson III, Management Andrew Gerard Winner,

Management

#### Graduate Certificates

#### The School of Education

Aubrey Elizabeth Adams, Early Intervention/Preschool Special Education Specialist Aubrey Elizabeth Adams, Education of Students with Autism and Other Pervasive Development Disorders Cara Christina Alberghini, Teacher Leadership Brenda Dawes Anderson, School Administration and Supervision Heather Marie Anglin, Earth/Space Science

Management

Samantha Crehan Armstead, Data-Based Decision Making and Organizational Improvement Samantha Crehan Armstead, School Administration and Supervision Vasantha K. Ayilavarapu, School Administration and Supervision Rebecka Lynne Baecker, Early Intervention/Preschool Special Education Specialist Rebecka Lynne Baecker, Education of Students with Severe Disabilities Nina Dominica Barbosa, School Administration and Supervision Martha Elaine Barwick, School Administration and Supervision Samaira Basit, Data-Based Decision Making and Organizational Improvement Samaira Basit, School Administration and Supervision Suzanne Ilene Baulsir, Early Intervention/Preschool Special Education Specialist Suzanne Ilene Baulsir, Education of Students with Autism and Other Pervasive Development Disorders Deborah A. Bean-Walker, Graduate Certificate in Urban Education Deborah A. Bean-Walker, School Administration and Supervision Diane Louise Bell, School Administration and Supervision Juanita S. Bellamy, School Administration and Supervision Marina Benova, Adult Learning Marina Benova, Teacher Leadership Nakia Jennice Bethel, School Administration and Supervision Jessica Anne Bishop, Education of Students with Autism and Other Pervasive Development Disorders

Jessica Anne Bishop, School Administration and Supervision Deborah Ann Blum, Gifted Education Stacy Anne Bowker, Early Intervention/Preschool Special Education Specialist Stacy Anne Bowker, Education of Students with Autism and Other Pervasive **Development Disorders** Melissa Cae Boyd, School Administration and Supervision Melissa Cae Boyd, Teacher Leadership Elizabeth Laurene Brady, Gifted Education Elizabeth Laurene Brady, Teacher Leadership Taheerah Hanan Britton, School Administration and Supervision Laura Ruth Brayshaw Broughton, School Administration and Supervision Katrina Jenean Brown, School Administration and Supervision Nicholas Michael Brown, School Administration and Supervision Sharon K. Brown, Leadership in Technology Integration Lisa D. Bucciarelli, School Administration and Supervision Diann Lynn Butler, Education of Students with Autism and Other Pervasive Development Disorders Lori Merritt Carter, Leadership in Technology Integration Leanne Marie Chace, Education of Students with Autism and Other Pervasive Development Disorders Dana L. Chase, School Administration and Supervision Darla Dawn Church, Leadership in Technology Integration Kelly Ann Collins, Gifted Education Hildegard Comstock, Effective Teaching of Reading

Donna Christine Conklin, School Administration and Supervision Brianna Bergen Creed, Gifted Education William Townsend Crittenberger, Educational Leadership for Independent Schools William Townsend Crittenberger, School Administration and Supervision Vincente Santo D'Antuono, Gifted Education Melissa Ann Del Priore, Urban Education Melissa Ann Del Priore, Leadership for School, Family, and Community Collaboration Michael Damian Delia, School Administration and Supervision Gretchen DeVos DelValle, Leadership in Technology Integration Laura Jeannette Dembeck, Earth/Space Science Widelene Desarmes, School Administration and Supervision Jennifer Meredith Diamond, Leadership for School, Family, and Community Collaboration Jennifer Meredith Diamond, Teacher Leadership Ann Marie Diegelman, Education of Students with Autism and Other Pervasive Development Disorders Brett Madison DiMatteo, School Administration and Supervision Jeannette Stanko Dixon, Gifted Education Jill G. Dunham-Wright, Leadership in Technology Integration Janet Seib Duvall, School Administration and Supervision Elizabeth Anne Edwards, Education of Students with Autism and Other Pervasive Development Disorders Florence Colleen Falatko, Leadership in Technology Integration

Early Intervention/Preschool Special Education Specialist Darci DeAnn Feifer, Education of Students with Autism and Other Pervasive Development Disorders Amy Michelle Fink, Differentiated/Inclusive Education: Advanced Methods for Instruction Stacey Koren Fishman, Gifted Education Michelle Lynn Fitz, School Administration and Supervision James Perry Fliakas, School Administration and Supervision James Perry Fliakas, Teacher Leadership Jennifer Robin Fox, School Administration and Supervision Michael Olaf Frandsen, Education of Students with Autism and Other Pervasive Development Disorders Richard R. Garfield, School Administration and Supervision Matthew George III, School Administration and Supervision Mona Gomaa, Effective Teaching of Reading Michelle Nicole Grace, Earth/Space Science Kristy Michelle Grant, School Administration and Supervision Kaveh Haerian, Educational Leadership for Independent Schools Kaveh Haerian, Teacher Leadership Leroy Corbett Hand IV, School Administration and Supervision Jack Luther Hathaway, Earth/Space Science Sarah Tyler Headley, School Administration and Supervision Dely T. Herman, School Administration and Supervision

Darci DeAnn Feifer,

Peter Haviland Hirsch, Gifted Education Peter Haviland Hirsch, School Administration and Supervision Tenika Lola Holden, Differentiated/Inclusive Education: Advanced Metbods for Instruction Tenika Lola Holden. School Administration and Supervision Terry Lee Holzman, Earth/Space Science LaTosha Sharonda Horton, School Administration and Supervision David Barry Hovan, Earth/Space Science Jason Edward Hubbard, School Administration and Supervision Hope Dejonne Iglehart-Jackson, School Administration and Supervision Cheryl Virginia Johnson, Effective Teaching of Reading Cheryl Virginia Johnson, Teacher Leadership Rebecca Anne Johnson, Differentiated/Inclusive Education: Advanced Methods for Instruction Rebecca Anne Johnson, Gifted Education Lorraine Marie Jones, Leadership in Technology Integration Marlene Dornishia Jones, School Administration and Supervision Kimberly Anne Kallini, School Administration and Supervision Jennette Marie Kane, School Administration and Supervision Alessandra Giampaolo Keener, Gifted Education Lili Khozan, School Administration and Supervision Kaoru Kimura, English as a Second Language

Kaoru Kimura, Leadership for School, Family, and Community Collaboration Helen Louise Kiser, School Administration and Supervision Amanda Hollis Knab, School Administration and Supervision Sara Judith Kopf, Effective Teaching of Reading Shawn E. Krasa, School Administration and Supervision Michelle Lee Krummel, Gifted Education Christina Kay Kyong, School Administration and Supervision Deborah E. B. Larkin, Earth/Space Science Deborah E. B. Larkin, Teacher Leadership Heike Lasoski, Education of Students with Antism and Other Pervasive Development Disorders Montessa Marie Lee, Differentiated/Inclusive Education: Advanced Methods for Instruction Montessa Marie Lee, Education of Students with Antism and Other Pervasive Development Disorders April Lee Lerner, Gifted Education Laura Liccione, Leadership in Technology Integration Victoria Louise Lockwood, Leadership in Technology Integration Martha Isabel Lopez, School Administration and Supervision Julian Allen Lord, School Administration and Supervision Julian Allen Lord, Teacher Leadership Maria Lynn Lowry, Graduate Certificate in Curriculum Leadership Jason Blake Mabee, Gifted Education

Paul Marcantonio, Earth/Space Science Stacy Louise Markowitz, School Administration and Supervision Peggy Ann Mazzola, School Administration and Supervision Teresa Kay McCoy, Adult Learning Michael Wilson McDowell, School Administration and Supervision Darnise Letrice Mickey, Ont-of-School Time Leadership Darnise Letrice Mickey, School Administration and Supervision Jamie Bellamy Miles, School Administration and Supervision Kathryn Diane Miller, Education of Students with Autism and Other Pervasive Development Disorders Kathryn Diane Miller, School Administration and Supervision Eunju Moon, English as a Second Language Eunju Moon, School Administration and Supervision Darlene Rae Morrison, Leadership in Technology Integration Kara E. Moyer, Assistive Technology for Communication and Social Interaction Kara E. Moyer, Education of Students with Antism and Other Pervasive Development Disorders Kevin Thomas Mullally, School Administration and Supervision Teri L. Musy, School Administration and Supervision Deborah Anne Neumann, Effective Teaching of Reading Kelli A. Nitsch, Gifted Education Megan Reidy Notaro, Effective Teaching of Reading

Dana Marie Novotny, Leadership in Technology Integration Celeste LaKaryl Rhodes Nunez, Educational Leadership for Independent Schools Elizabeth Rowles Ogden, Effective Teaching of Reading Elizabeth Rowles Ogden, English as a Second Language Rebecca Jean Olinger, Leadership in Technology Integration Louisa Palmer, School Administration and Supervision Aaron E. Parsons, School Administration and Supervision Harsha Patni, School Administration and Supervision Jessica Ryan Paugh, Data-Based Decision Making and Organizational Improvement Jessica Ryan Paugh, School Administration and Supervision Matthew Kalman Paushter, School Administration and Supervision Jennifer Rae Peter, School Administration and Supervision Crystal L. Phillips, Data-Based Decision Making and Organizational Improvement Jessica Ann Pickett, School Administration and Supervision Michael Edward Porrazzo, Educational Leadership for Independent Schools Michael Edward Porrazzo, School Administration and Supervision Melissa Saori Preston. School Administration and Supervision Melissa Saori Preston, Differentiated/Inclusive Education: Advanced Methods for Instruction Suzy Figueiredo Prudencio, School Administration and Supervision

Lorraine Quinn, Leadership in Technology Integration Deidre Ann Rabuck, Education of Students with Antism and Other Pervasive Development Disorders Mary L. Reinhard, Gifted Education Clevette M. Ridguard, Instructional Technology for Web-Based Professional Development and Training Clevette M. Ridguard, Program Evaluation MaryAnn Rigopoulos, Leadership in Technology Integration Sonya Miaya Robinson, School Administration and Supervision Susan Leigh Rodriguez, School Administration and Supervision William George Rothe Jr., Data-Based Decision Making and Organizational Improvement William George Rothe Jr., School Administration and Supervision Gregory T. Ryan, Data-Based Decision Making and Organizational Improvement Gregory T. Ryan, School Administration and Supervision Karen C. Clark Salinas, Adult Learning Erin Eileen Schade, Effective Teaching of Reading Wanda L. Scott, Leadership in Technology Integration Rachel Sydney Sears, Teacher Leadership Jennifer Susan Shubert, Early Intervention/Preschool Special Education Specialist Jennifer Susan Shubert, Education of Students with Autism and Other Pervasive Development Disorders Heather Anne Slater, Early Intervention/Preschool Special Education Specialist

Richard James Smart, Data-Based Decision Making and Organizational Improvement Richard James Smart, School Administration and Supervision Dorothy Olive Smith, Leadership in Technology Integration John Hawkins Snoddy, School Administration and Supervision Emily Celeen Snodgrass, Urban Education Emily Celeen Snodgrass, Effective Teaching of Reading Zulema Yasmine Sockwell, School Administration and Supervision Aimee Michelle Spector, Technology for Multimedia and Internet-Based Instruction Lori Ann Speelman, Gifted Education Douglas R. Spicher, Leadership in Technology Integration Becki A. Stahl, School Administration and Supervision Marisa Rachel Stemple, School Administration and Supervision Rachel Yvonne Stephens, School Administration and Supervision Stephanie C. Stieglitz, School Administration and Supervision Susan Gail Stilwell, School Administration and Supervision Jennifer Lee Strong, School Administration and Supervision Matthew Alexander Stump, Teacher Leadership Jennifer Lynn Sutcliff, Gifted Education James Nelson Taylor Jr., School Administration and Supervision Jennifer Marie Tesno, Teacher Leadership Katherine Marie Thomas, School Administration and

Super-vision

Phyllis H. Trettien, Leadership in Technology Integration Phyllis H. Trettien, School Administration and Supervision Louisa Wright Troutner, Data-Based Decision Making and Organizational Improvement Louisa Wright Troutner, School Administration and Supervision John Clayton Trumbule, School Administration and Supervision Abigail Meaghan Underhill, Adult Learning Abigail Meaghan Underhill, English as a Second Language Jocelyn L. Vane, Effective Teaching of Reading Jocelyn L. Vane, Gifted Education Siriporn Vinijkul, Differentiated/Inclusive Education: Advanced Methods for Instruction Jennifer Elizabeth Vosburg, Differentiated/Inclusive Education: Advanced Methods for Instruction Jennifer Elizabeth Vosburg, Early Intervention/Preschool Special Education Specialist Samantha Keri Walden, School Administration and Supervision Melissa Marie Wallace, Data-Based Decision Making and Organizational Improvement Patricia Monique Washington, School Administration and Supervision Heather Young Weeks, School Administration and Supervision Allison Michelle Weese, School Administration and Supervision Lisa M. Whipp, Education of Students with Antism and Other Pervasive Development Disorders Ann Hughes White, School Administration and Supervision

Dawn Ellen Brooks Winger, School Administration and Supervision Claire Anne Wise, Gifted Education Advertus Orea Wright, School Administration and Supervision Jessica Lynn Yaniro, School Administration and Supervision Sirin Yilmaz, Education of Students with Antism and Other Pervasive Development Disorders Denise Lynnette Young, Adult Learning Denise Lynnette Young, Teacher Leadership Lisa Marie Young, Gifted Education

#### Master of Arts in Teaching

#### The School of Education

Stacy Elizabeth Abler Tanya Yvette Aguilar Iennifer Aiken Benjamin Thomas Alamed Sue Ellen Marie Alford Joseph Nii Aryee **Emily Rose Backes** Leah Gunn Barrett Nayantara Basu-Sen Patience Savannah Bell Gregory Matthew Benas **Emily Marian Berger** Gayatri Boddupalli Christina Renee Bos Megan Rae Bovill Sheri Ann Brandenburg Cobb Darrin Michael Brozene **Jason Burns** Mary Kathryn Burton Sarah Darcy Campbell Margot Anne Canfield Jessica F. Caraballo Nathan Lee Carlberg Trisha Louise Carlson Elizabeth Alison Cavett Patricia Elizabeth Chancellor Nicole Ann Charette Jacqueline Eve Charney Samson Y. Chen Nicole Claudine Chickering

Jin Ok Chong Asahel Dillon Church Meghan Elizabeth Church Nicole Elizabeth Clute Christina M. Cocozzella Andra J. Colbert Thomas Daniel Coleman Alicia Byrne Connor Allison Christine Craney Shelley Lynne Crawford Mary Rachel Czar Lee-Ellen Davidson Holly Nichole Davis Juliana Ruth Davis Sabrina Nicole Dawson Claudia Aryoly de León Mary Catherine DeSimone Erin M. Donovan-Begy Brandy Buddemeyer Dopkin Alan John Dunklow Halley Lynn Dunn Kate Elizabeth Dyson Erinn Pyne Eifler Rasha Ahmed El-Haggan Margaret Elaine Elwell Heather Leanne Emory Catherine Frances Estevez Stefanie Carol Esworthy Charissa Nicole Farias Jacklynn Paris Fecteau Lauren P. Fell Susan Morris Felley Michael James Fillingame Michael William Fintel Mohamed Lamin Fofanah Megan Jessica Freed Alfred Frimpong Maria del Socorro Garcia Mary H. Gardner Joselyn A. Garrastazu Mary Christine Genochio Tracie Ann Gibbons Celia Ravenna Goetzl Lauren Alexandra Golden Elysha Dianna Gray Udita Gupta Helene Hansen Zule Alicia Elan Harkum Lauren Elizabeth Hauser Gregory Thomas Heid Martha Jane Henderson Michael G. Herlihy Danielle M. Hewitt Katia Bettina Hildebrandt Andrew Brice Hlavka Leah Mae Hoffman

Shereen Yvette Holmes Tamarisk Raquel James Cree Lane Jones Michael Sheldon Jones Tiffany Nicole Jones Manonmani Popsy Kanagaratnam Deborah M. Kearns Lisette P. Kernizan Wilfried Kipre Elisabeth Anne Kispert Latoya Renee Knighten Jennifer Rachel Koshy Caroline Justine Kuhlman Jerry S. Lambrinatos Alison Renee Landry Jacob Ray Lewis Margaret Helene Lewis Renard Lewis Trevor Pearson Lewis Yueh-Chen Lin Gordon Bennett Lipton Noell Frances Lugay Victoria Lyons Matthew Decker MacLeod Mosa Angeline Mahlanza Lisa Bricker Marshall Kelly Renée McCann Allison Christine McCarthy Megan Alyssa McCullough Corinne Elizabeth McGarrity Debra J. McGowan Jacqueline Carol McKenna Taylor Liane McKinney Dana Reneé McLendon Maggie Beth McSorley Nia Monifa McSterling Scott Peter Messinger Tammy Mae Meyerdirk Jessica Knight Miller Tricia Baker Moazzez Hadley Elizabeth Chadwick Moore Jamie Mercer Morrow Kayla Maria Morrow Conor Michael Mulroe Timothy Andrew Murdock Jamal Dawud Murray Andrew Robert Nagel Malihe Tavakoli Nazem Quoe Huy Nguyen Justin Winn Nowell Kelly Robinson O'Connor Katie Scarlett O'Hara Linda M. Oliver Baba Ayinde Olumiji

Michael Edward Osmun Suzanne Georgette Pacia Michael Matthew Piatak Alexa Suzanne Pilchtchikov Colleen M. Porter Ruben Fernando Quintero Linnea Aldora Randolph-Lopez Samuel Anthony Rather II Amanda Katherine Rawson Noelle A. Reeder Michael Gale Rennard Michael Alan Retzlaff Kurt H. Richter Nora-Anne Riordan Allyson F. Rogers Erik Geoffrey Schleicher Caroline Irene Schmidt Matthew Joseph Schultheis Katherine Shakespeare Timothy Michael Shaw Lvat Yosepha Sheintal Gwen Michelle Shevlin Kwangmi K. Shin Kyle Siler-Evans Sarah Elizabeth Smith lared Scott Solomon Claudia Irene Sorenson Angela M. Stanford Aaron Michael Stephenson Iesha M. Stevens Jeremy Stevenson Nicole Alise Stich Amanda Renee Stonesifer Kimberly Ann Strazdas Peter Jay Swartley Mina Tafazzoli Andrew Joseph Tao Zachary James Taylor Paige Alexandra Thorleifson Evelyn R. Tolliver Le-Phan Tina Tran Adam M. Trifiro Gary Ming Tsai Edward Paul Vrtis Claire Jane Walter Kate Odile Watts Abby Ariane Weeks Natalie Reneé Weidner Renee Deshunda Wells Razaan Nadiya Yassin Nicholas Sasowski Yates Sajini Yogasundram Rebecca Lynn Zawodny Jennifer Lynn Zimmerman

#### Masters of Science

#### The School of Education

Jonathan Doy Abramovitz, Connseling Aubrey Elizabeth Adams, Special Education Brian M. Adams, Special Education Darlene Marie Ajayi, Education Cara Christina Alberghini, Education Zebulon Wayne Alexander, Counseling Deborah L. Alleman, Education Stephen Richard Allen, Management Rebecca L. Allwang, Special Education Melisa Ann Anderson, Management Kelly Rene Anseth, Special Education William Gerard Anuszewski, Management Samantha Crehan Armstead, Education Steven Randolph Arndt, Intelligence Analysis Edward Lee Atanasoff, Special Education Angela Lauren Auldridge, Counseling Thomas Valentine Badoud, Intelligence Analysis Rebeeka Lynne Baecker, Special Education Mark Adam Baikauskas, Education Jennifer Lee Bajackson, Counseling George Adrian Baker, Management Joel Michael Baldwin, Education Brian Alexander Barber, Education Tania Colwell Barbera, Special Education Torrence Dwayne Barbour Sr., Management Dennis Paul Bardelli, Intelligence Analysis

Yolanda Tracev Barker, Organizational Counseling Edward Maier Bartlett, Education Samaira Basit, Education Suzanne Ilene Baulsir, Special Education Clarice Sophia Baux, Education Deborah A. Bean-Walker, Edncation Laura Ann Beck, Management Marie Louise Belcuore, Special Education Michael Anthony Bell, Special Education Stephanie Marie Bendos, Education A. Randol Benedict, Education Marina Benova, Education Tova Gitel Berger, Special Education Roger O. Bergeron III, Management Brad R. Bernstein, Counseling Sara Mahfooz Bin Mahfooz, Education Jessica Anne Bishop, Education Marni Lynn Blachowicz, Edncation Stephen F. Black, Management Tamara Blair, Management Brandon James Bobbick, Management Terry P. Bohan, Management Michael Roy Bond, Special Education Kim Renee Bones, Management Sandee N. Bontz, Connseling Stephanie Leron Borges, Special Education Jessica Dawn Boritz, Education Thomas Joseph Bower, Intelligence Analysis Darcie Lenore Bowers, Special Education Stacy Anne Bowker, Special Education Lauren Michelle Boyd, Education Melissa Cae Boyd, Education Jessie Marie Bradbard, Edncation Elizabeth Laurene Brady, Education Tracie Noelle Brosious. Education

Tia Denene Brown, Special Education Tiffany Q. Brown, Management Timothy David Brown, Education Ysem Robert Brown, Education Regis Morand Bryant, Management Carrie Lynn Buckingham, Education Lindsay Marie Burda, Education Eliot Reuben Burkom, Edncation Ross Charles Buzzuro, Management Kristin Marie Cahalan, Counseling Jenny L. Cairns, Special Education Elyse Susanne Cantor, Special Education Alexis John Capili, Management Eileen Patricia Carassanesi, Special Education Barbara Carlstrom, Special Education Michelle J. Caron, Management Koryne Carroll, Special Education Levi Carson Jr., Management Scott Thomas Carter, Counseling Desmond Antonio Carter-Bey, Management Angela Ann Carter-Watson, Management Aileen Mae Cascio, Education Nicole Christine Catalano, Education Kerrin Elizabeth Cavanaugh, Connseling Sarah Thomas Cepeda, Edncation Myra Anthea Cephas, Education Leanne Marie Chace, Special Education Preeti Chandramani, Organizational Counseling Kristy Michelle Charnock, Connseling Boglarka Kinga Chastain,

Counseling

Anne Holmes Garrison Chiasson, Education Jeng-Yi Jonathan Chiu, Connseling Kyung A. Choe, Education Md Ziaul Hague Chowdhury, Special Education Robert Francis Christian, Management Sheryl Lynn Cindric, Management Adeline Barillas Clark, Counseling Marjorie Kimball Clark, Special Education Jeffery Alyn Clay Jr., Management Randall F. Clemens III, Education John Edward Clements, Intelligence Analysis Elana Cohen, Special Education Kristen Alice-Grace Collins, Special Education Hildegard Comstock, Education John William Conroy, Management Lawrence Cameran Cook, Management Daniel Jeffrey Cooper, Special Education Danielle Coll Corcoran, Education Kate Margaret Corrigan, Counseling Kara Michelle Crandall, Counseling William Townsend Crittenberger, Education Amanda R. Crowley, Special Education Katinya Dial Cummings, Education Catherine L. Cunningham, Education Mary Elizabeth Cushing, Special Education Theresa M. D'Agnese, Special Education Aminese Cobb Daise, Counseling Julia Anne D'Anna, Special Education Stacia Janaire Dashiell, Management

Nina Pinto DeGisi, Intelligence Analysis Melissa Ann Del Priore, Education Albert Peter DellaRocco, Management Jennifer Meredith Diamond, Education Michelle Diaz, Special Education Ann Marie Diegelman, Special Education Jennifer Anne Richman Dingle, Education Lauren Nicole DiResta, Education Candace Bowen Domayer, Counseling Brook Eric Donovan, Management Ashley Renee Downs, Education Yvette Reneé Dowtin, Connseling Kara Beth Dreibelbis, Education Leah Beth Drozdowicz, Counseling Laura Martha Duncan, Counseling Francis Edwin Ebberts Jr., Management Brian Joseph Ebert, Management Timothy Michael Eikenberg, Management Nehal Ahmed Wafik El Guindy, Counseling Dana Lindsey English, Counseling Daniel P. Esteban, Education Beth Ann Fagan, Education Darci DeAnn Feifer, Special Education Stacey Brooke Fern, Special Education Grace Daysi Fernandez, Counseling Sarah Salinger Fleischer, Education Angela Fleming-Wainwright, Connseling James Perry Fliakas, Education Jennifer Foster, Counseling Lavita Cherie Francis, Management Luz Maria Franklin, Connseling

Elizabeth Hailey Friedman, Connseling Michael Ryan Furniere, Education Kevin Patrick Gaddis, Management Andrea Nicole Galatis, Connseling Sundia Gaynor, Management Raymond A. Gercke Jr., Education Kathleen Ann Gibbons, Counseling Lauren McChesney Gibson, Connseling Tammi Ellen Ginsberg, Connseling Gale Pauline Gleisner, Education Janet Glover-Kerkvliet, Connseling Joanna Beth Glushakow, Education Mona Gomaa, Education Analia Maria Gonzalez, Special Education Veronica Gonzalez, Counseling Krishna Trenace Graves, Connseling Benjamin Wayne Greenman, Education Heather Renee Greenman, Education Rachel Susan Greif, Connseling Jennefer Marie Gribble, Education Malikah D. Griffin, Counseling Katherine Lynn Groft, Connseling Benjamin E. Gruenspecht, Special Education Charles Edward Guthrie, Management Kaveh Haerian, Education Nate' Lynne Hall, Education Sarah Smith Hammond, Special Education Silvester Hampton, Management Lisa Sarvina Hanks, Connseling Daniel J. Harrington, Management Mark C. Hassler II, Management Amy Kristin Haukdal, Education

William J. Hayes, Management Juanita Elaine Haynesworth, Intelligence Analysis Kathryn Mary Henn, Special Education Dana Lee Herman, Counseling Evelyn Rosalina Hernandez-Zapata, Connseling Allan Douglas Hess III, Management Lisa Fariza Hewick, Counseling Michael Edward Hibbard, Organizational Connseling Kaitlin Ann Hickman, Education Peter Haviland Hirsch, Education Matthew Reid Hodgman, Education Tenika Lola Holden, Education Lamont Holloman, Management Loretta Vanessa Holmberg-Masden, Education Francine Hosier, Special Education Jenni Rose Howard, Special Education Amy Elizabeth Hunter, Education Natascha Blake Hunter, Connseling Irene Antoinette Huskens, Management Melissa Reneé Hyatt, Management Michael Angelo Jackson, Management Arthur B. Jenkins III, Education Karissa Grace Johnsen, Intelligence Analysis Audrey Jeanette Johnson, Education Cheryl Virginia Johnson, Education Deanne Nicole Johnson, Connseling Kristi Gervondia Johnson, Connseling Nichelle Dawn Johnson, Education Rebecca Anne Johnson, Education Stanley Rabon Johnson, Management

Andrea Rebecca Jones, Counseling Lindsay Colleen Jones, Connseling Pamela M. Jones, Special Education Cassidy Marie Kapfhammer, Management Jennifer M. Kaufman, Special Education Alessandra Giampaolo Keener, Education Colleen Marie Kelly, Education Patricia Ann Kiely, Management Julie Jungvun Kim, Education Kaoru Kimura, Education Kristin Ann Olsen Kiser, Connseling John Ryan Knutsen, Management Maria Fiorill Kohlerman, Connseling Amie Christina Kolos, Connseling Janice Michele Kominski, Connseling Sara Judith Kopf, Education Jessica Decker Kramer, Counseling Corrine Leigh Krampf, Special Education James Daniel Kunath, Management Anthony Bernard Lawrence, Management Hae (Johnny) Sung Lee, Special Education Montessa Marie Lee. Special Education Seth A. Lee, Education Gabrielle Tracie Leimbach, Special Education Ann Michele Lentz, Education Pamela Anne Lever, Connseling Dawn Tierney Lewis, Connseling Jeffrey Scott Leydig Jr., Intelligence Analysis Carla Priscilla Lightsey, Management Kristin Samantha Liverman, Special Education Melissa Suzanne Loftus, Education Julian Allen Lord, Education

Jennifer Marie Lubenetski, Connseling Kimberley Joy Lucado, Special Education Cathal John Lucy, Management Justin Barton Lynam, Management Greta Michele MacGill, Connseling Patricia A. Magyari, Connseling Stephanie L. Major, Education Daniel Burt Malloy, Management Jessica A. Manning, Education Maimunah Marah, Special Education Paul Marcantonio, Education Mitchell Howard Markowitz, Connseling Nicholas A. Martin, Management Sarah Elizabeth Mathews, Education Dina Mushfeka Matin, Special Education Joseph Gerard McBride, Management Whitney Lynn McCarthy, Special Education Jacqueline Ann McClure, Connseling Sharon S. McCollough, Connseling Stephanie Lynn McCoy, Education Robert Evans McDonald Jr., Management Matthew R. McGoldrick, Education Lindsay Brooke McGrew, Special Education Tara Elise McGuire, Connseling Geoffrey Stephen McIntyre, Education Anthony J. Medoro, Management Sarah Passano Meech, Education Sangeeta Mehra, Counseling Michela Marie Merchant, Connseling Juliana Mesa, Special Education Rachel L. Messar-Hernandez, Comseling Kelly Ann Mevers, Education Darnise Letrice Mickey, Education

Adrienne Workman Miller, Special Education Erin Kimberly Miller, Education Kathryn Diane Miller, Education Tracev Lynn Miller, Education Brady J. Mills, Management Lauren Ilene Mirkin, Connseling Natalie Marie Misorek. Education Shelly Cecilia Mitchell, Education Megan Catherine Moloney, Management Ronnie Teresa Mompellier, Intelligence Analysis Eunju Moon, Education Matthew Christian Moore, Management Meghan Elizabeth Moore, Special Education Stephanie Louise Morlock, Special Education Annette Mosier, Education Gary Price Mounts, Management Kara E. Moyer, Special Education Martin W. Mulholland, Management Alec Austin Muller, Connseling Mick Jay Charles Needham, Special Education Walter William Newton, Management Carly Rose Norris, Special Education Stephanie Jeanne Novak, Education Judith Vunoro Nyakondo, Special Education Elizabeth Rowles Ogden, Education Katelyn Irene Ollerhead, Connseling James Stephen O'Neill, Connseling Jennie Elizabeth Orelli, Connseling Anne Miller Orgad, Connseling Rachel Lauren Orner, Special Education Mary Brune O'Rourke, Counseling

Megan Elizabeth Orth, Special Education Aldyth Marchelle Osborne, Connseling Kai Dana Pantin, Connseling John Dominick Paparazzo, Management Juyeon Park, Special Education Samir Patel, Management Nichelle Vanessa Patterson, Connseling Jessica Ryan Paugh, Education Ronald Anthony Pavlik Jr., Management Irena Pavlin, Intelligence Analysis Sarita Sinyea Payne, Counseling Jacqueline Faith Pelzer-McNill, Special Education Gabrielle D. Perskie, Connseling Jack Robert Peterson Jr., Management Mary Hays Peterson, Education Sha'Pell Tequilla Peterson, Connseling Alissa L. Petro, Connseling Eliza Macy Pfeffer, Education Crystal L. Phillips, Education Garth Christopher Phoebus, Intelligence Analysis Amy Margaret Pia, Special Education Todd Michael Pinson, Connseling Emily Nara Pollinger, Connseling Michael Edward Porrazzo, Education Patrice Nicole Porter, Edncation Pattarapan Pothong, Connseling Jane Kammer Powers, Connseling Melissa Saori Preston, Education Robert Wayne Harris Price, Connseling Dinbomani Akinyemi Quomijah, Education Deidre Ann Rabuck, Special Education Diana Marion Raschke, Intelligence Analysis Lisa Marie Raum, Management James Denis Reed, Special Education

William H. Reinecke III, Management Katie Elizabeth Reisinger, Education Lee Barry Reiter, Conuseling Aquiles Antonio Reves, Management James Harold Rhoden Jr., Management Mark Anthony Riccobono, Education Clevette M. Ridguard, Education Quita Whea Roberts, Connseling Craig Alan Robinson, Management Dawn Marie Robinson, Special Education Heather Romney, Education Katie Crane Rossini, Education John Reynard Rotella, Management William George Rothe Jr., Education Donna Maria Rowlette, Management Joshua Leonard Rubin, Special Education Gregory T. Ryan, Education Roberto Garza Salazar, Intelligence Analysis Karen C. Clark Salinas, Education **Cheryl Audrey Samuels** Campbell, Organizational Connseling Mirian Noema Sanchez, Organizational Connseling Charisse Lynn Sanders, Education Donna Bonotan Santa Cruz, Education Keira Anne Saunders, Management Erin Eileen Schade, Education Mindy Schwartz, Special Education Jason Wesley Scott, Education Wanda L. Scott, Education Rachel Sydney Sears, Education Natalie Royal Selzer, Connseling Philip Lawrence Sheridan, Special Education Sang Min Shin, Connseling

Connseling Carla Danielle Shorts, Connseling Nina Shrayer, Special Education Jennifer Susan Shubert, Special Education Shervl Anne Siegmund, Counseling William Paul Simmons, Management Leah R. D. Singleton, Management Daniel James Skelton, Comseling Meaghan Elizabeth Slattery, Education Andrea Jill Slutsky, Education Richard James Smart, Education Corey Anthony Smedley, Management David Thomas Smith, Management Taiwan Jamal Smith, Management Thomas Brooks Smith, Management Emily Celeen Snodgrass, Education Matthew Scott Snyder, Management Cary Evan Sonneborn, Education Rebecca Lauren Spanier, Education Kearney B. Speares, Special Education Aimee Michelle Spector, Education Marilyn L. B. Spenadel, Comseling Derrick Allan Spence, Management Nadia Michelle Spencer, Special Education Cleveland Lee Spruill Sr., Management Richard Everett Stasio. Education Cardene Cardia Sterling, Special Education Deborah Hadley Stone, Education Katharine Louise Stratton, Counseling

Michelle Elaine Shores,

Ann Bateman Stuckey, Education Matthew Alexander Stump, Education Mary Stuthmann, Education Michael T. Su, Management Stacey Heather Sugar, Counseling Sonya Denise Sutton, Counseling Jennifer Lenore Switlick, Special Education Lori Beth Tecler, Education Brooke Baily Teeter, Education Tatiana Alice Teixeira, Connseling Kiwana LaShaun Terry, Couuseling Jennifer Marie Tesno, Educatiou Guy Ovid Thacker III, Management Maralee Thomson-Yood, Special Education Michael J. Tinney, Education Ryan David Tracy, Counseling Phyllis H. Trettien, Education Louisa Wright Troutner, Education Stuart Jerome Tryon, Mauagement Robert Li-Hsin Tsai, Counseling Berlinda Elaine Tucker, Management Jeffrey Eugene Tuer, Mauagemeut Beverly Lee Twitty, Special Education Abigail Meaghan Underhill, Education Faith N. Underwood, Organizational Counseling Jessica Lynn Urie, Counseling Eric John Van Ryzin, Education Katherine Campbell Vancavage, Special Education Jocelyn L. Vane, Education Ane Charlotte Vest Jones, Counseling Siriporn Vinijkul, Education Christina Allison Von Waldner, Counseling Jennifer Elizabeth Vosburg, Special Education

Richard Joel Wachtel, Counseling Melissa Marie Wallace, Education William Francis Walsh, Management Faith A. Ward, Education Stacey Melanese Watkins, Special Education Rosemary Ann Waugh, Special Education Michael Alan Wear, Managemeut Jennifer Ann Denzer Weaver, Education Nicole Ryan Weaver, Counseling Michelle Lynn Weber, Counseling Nicole DeTrese Webster, Management Janelle Reneé Weddle, Counseling Evelyn Joy Weidig, Special Education Katharine Anne Werner, Special Education Stephen James Whiddon, Education Jeannine Ervin White, Organizational Counseling Carol Lynn Wilhite, Mauagement Ivy Lynn Williams, Educatiou Shyntia Vashelle Williams, Mauagement Brenda Lee Williamson, Education Lisa Renee Williamson. Education Kristi L. Willis, Counseling Barbara J. Wilson, Counseling Angela Marie Wilson Bardwell, Education Kristen Anne Winter, Education Christopher Paul Witman, Counseling Melinda Marie Wolfe, Special Education Vincent Woo III, Management Sirin Yilmaz, Special Education Christopher Aaron Yim, Special Education Denise Lynnette Young, Education

Ana Zavaljevski, Education Christine Lynn Zervos, Counseling Michelle Terese Zetts, Special Education Christina Marie Zezzo, Special Education

#### Post-Master's Certificates

#### The School of Education

Susan F. Branco, Clinical Community Counseling Marianne Elizabeth Connolly, Play Therapy Kevin Thomas Dougherty, Clinical Community Counseling Niki Ivanna Fourtinakis, Clinical Community Counseling Barbara Hull Francis, Clinical Community Counseling Barry Allen Granek, Counseling At-Risk Youth Emily Cara Greenberg, Play Therapy Susan Michele Jefferson, Play Therapy Debra Jovce Johnson, Clinical Community Counseling Pamela Menefee Jones, Play Therapy R. Nancy Julia, Clinical Community Counseling Kaisha Parigin Keith, Play Therapy Stacey Katherine King, Clinical Community Counseling Mary Anne Kosciulek, Organizational Counseling Marguerite P. Laban, Play Therapy Rita L. Lee, Clinical Community Counseling Elizabeth Ann Loftus, Play Therapy Meaghen Blair Long, Clinical Community Connseling Tori Ann Marnell, Clinical Community Counseling Irwin K. McQueen, Chuical Community Counseling Maureen Quiles Ponce, Counseling At-Risk Youth Marita Joan Simmons Martinez, Play Therapy

Christine Connell Thron, Counseling At-Risk Youth Laurie Elaine Warnke, Counseling At-Risk Youth Georgia Willis, Organizational Counseling Marcia Lanette Wilson, Clinical Community Counseling

### Certificates of Advanced Gradnate Study

#### The School of Education

Michael Roy Bond, Special Education Venus R. W. Stewart, Counseling

#### Masters of Science in Nursing

#### The School of Nursing

Holly L. Aspelmeier Virginia M. Baker Rebecca Gilbert Barber Mary Elizabeth Barone-Leitch Jacqueline Michele Bethke Shannon L. Bishop Elizabeth Ann Boland Julius dela Rey Brigoli Savannah Ashley Burger Joelle Babula Butler Catherine Aileen Cox Maricris Bertolano Dacumos Kyra Marie Dougherty Megan Alicia Hoffinann Foradori Kindall Louise Forrest Nancy Niesz Funk Jessica Thomas Gebhart Lauren Nicole Gillis Nancy Monica Gillium Ashley Beth Gomberg Regina Maryann Greco Catherine Nadyne Hansen Lilya Ann Haynes Jennilee Rose Jahr Sherri Emerson Jones Ann Marie Jordan Jill Ann Kapur Jennifer Monroe Kerney Erin Therese Koman Aliza Krebs Margaret Maureen Lal Melody Lane

Margaret Marie Lang Ronald Aarons Langlotz Charity Beth Levy Elizabeth Schupp Lins Maria Theresa Manna Joanne Healy McAuliffe Rachel E. McCandless Cheryl Lauren Meguid Noah Jacob Miller Jennifer Ann Mills Daphne Morgan Karen Marie Nager Nicole Suzanne Oswalt Jenice Diane Palachick Julie Simpson Pertman Katherine Holland Pontone Kitty In Kay Poon Caroline Fidyk Pratz Sarah Maria Sampson Julie Farace Sanz Melinda D. Sawyer Su Young Seh Dauryne L. Shaffer Nicholas Benjamin Shuman Monica Lynne Van Dongen Kelly Elizabeth Kenyon Vega Maureen Elizabeth Walsh

Masters of Science in Nursing/Masters of Business Administration

#### The School of Nursing

Jennifer Mary Dupee Danielle Marie McQuigg

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

### The School of Nursing

Tyler Herrick Cornell Hiral Vasant Dudhwala Caitlin E. Erickson Brad J. Gautney Sarah James Hoffman Kristen Marie Jadelrab Elizabeth S. Kasameyer Leona Mason Megan Elizabeth O'Hanlon Solis Susan Reynolds Spies Jenny Yu Tan Catherine Russell Uluc Sara Marie Walsh Keira Nicole Wickliffe

#### Graduate Performance Diplomas

The Peabody Conservatory of Music

Jacomo Rafael Bairos, Conducting Benjamin John Beirs, Guitar Jessica Lee Ann Blackwell, Violin Elizabeth Anne Connors. Bassoon Netanel Draiblate, Violiu David Farris, Piccolo Adam Stanton Ginsburg, Percussion Woyciech Herzyk, Percussion Hye-Sung Hwang, Piano Hirotaka Kato, Voice Jihee Kim, Voice Min Joo Kim, Piano Najin Kim, Chamber Music Eunseo Koo, Voice Mitsuru Kubo, Viola Vladimir V. Kulenovic, Conducting Juan Mateo Revilla, Violon Cello Carolyn Pelley, Voice Yoon-Wha Roh, Piano Erikson Rojas, Piano Elizabeth Helen Stewart, Voice Simeone Tartaglione, Conducting Max R. Zuckerman, Guitar

### Masters of Music

## The Peabody Conservatory of Music

Robert Michael Adkins, Guitar Andrea Nicole Kefauver Aldrich, Music Education Adrianna Talise Andrews, Music Education Linda Angkasa, Piano Jeremiah Matthew Baker, Saxophone Zane Baker, Baroque Violoucello Matthew Thomas Barry, Bass Trombone Lydia Ellen Beasley, Voice Amy Marie Beim, Music Education Kyle Justin Bennett, Computer Music

Lydia Bunn, Viola Seo-Hee Byun, Violin Yun Ha Byun, Piano Abigael Castor, Horn Adam L. Caughey, Voice Karen K. Chan, Musicology Weivin Chen, Piano Chiao-Wen Cheng, Piano Yunhong Chi, Clarinet Da Jung Cho, Piano Jin-Hwa Choi, Composition Brooke Lieberman Collins, Music Theory Pedagogy Iain Graham Copen-Roush, Guitar Kyung Hwa Dan, Viola Phu Vinh Dang, Oboe Carole Dorpilo-Miles, Voice Brian Patrick Drake, Music Education Mark Gerald Edwards, Gnitar/Pedagogy Richard Kenneth Fitzgerald, Organ Peter J. Folliard, Euphonium and Wind Conducting Ruby Fulton, Music Theory Pedagogy Adrianne Nicole Geisler, Violin Melissa Ann Goetschius, Music Education Adriana González, Voice Chelsey Alyse Green, Viola Kathryn Sarah Guthrie, Voice Zachary R. Herchen, Saxophone Julia Renee Hershberger, Musicology Lon Hevia, Music Theory Pedagogy Jennifer Holbrook, Voice William Todd Holcomb, Guitar/Pedagogy Rachel Elizabeth Hsieh. Violoncello Ya-Chi Hsu, Computer Music Composition Dawson Andrew Hull, Piano Hye Ji Hwang, Organ Megan B. Ihnen, Voice Jae Ho Jang, Flute Amyr Joyner, Violin Dong Hyun Kang, Piano Seovoung Kang, Violoncello Pei-Hsin Kao, Piano Daniela Katok, Voice/Pedagogy

Adam J. Brakel, Organ

Leigh Peter Kereopa, Piano and Music Theory Pedagogy En A Kim, Piano Hye-Jeon Kim, Flute Hye Jin Kim, Percussion Jina Kim, Piano Jong Bin Kim, Violoucello Jung Lim Kim, Piano Yeaji Kim, Piano Joseph Thomas Kneer, Violin Leah Rebecca Stein Kocsis. Music Education Dimitrios Nikolaos Kostaras, Saxophone Alexandra Sasha Kozlov, Piano Michelle Anna Krasinski, Bassoon Mark Alan Lackey, Music Theory Pedagogy Davin Lee, Violoncello Joanna Baeah Lee, Voice Kippum Joy Lee, Violin Matthew J. Leitsch, Clarinet Jesse Lew, Music Theory Pedagogy Xiaochun Liang, Piano Dana Lyn Limpert, Oboe Tzu-ping Lin, Violin Vanja Ljubibratić, Musicology James R. Lowe, Gnitar Shu-han Lu, Piano Ryan Paul Main, Composition and Music Education Finbarr Malafronte, Guitar Christopher Michael Manna, Voice Gregory Richard Marsh, Clarinet Stephanie Lynn Miller, Voice Joshua William Mills, Composition Tran Duc Minh, Double Bass Lark Louise Powers, Harpsichord Pervinca Caterina Rista, Violin William Michael Schaller, Voice Diane Dorothy Schaming, Voice Sarah Anne Schneider, Flute Jae Eun Shin, Piano Yoohee Shin, Ensemble Arts: Vocal Accompanying Alexandra Amosovs Sia, Violoncello Casey Fox Smith, Guitar Ashlev A. St. Martin, Voice Julia Steinbok, Voice and Early Music: Voice

Helen-Jean Talbott, *Recorder* Jocelyn Claire Thomas, *Voice* Jessica Ellen Thompson, *Voice* Yuri Yuryevich Tomenko, *Viola* Caitlin Claire Vincent, *Voice* Adam N. Waller,

Wind Conducting Maureen Walsh, Saxopbone Jeffrey J Williams, Voice David E. Witmer, Composition Sara Christine Woodward,

Voice and Early Music: Voice Roger Joseph Zare, Composition Gregory Scott Zimmerman, Music Education

#### Masters of Arts

# The Peabody Conservatory of Music

Sungbeen Cho, Andio Sciences Colleen Marie Clark, Andio Sciences Eric C. Echols, Andio Sciences John Freeman Fredenburg, Andio Sciences Michelle Leigh Reichling, Andio Sciences Se Myung Son, Andio Sciences Brian Peter Takacs, Andio Sciences Katie Michelle Walker, Andio Sciences Catherine Wong, Andio Sciences Xian Yu, Andio Sciences

#### Masters of Science

## The Bloomberg School of Public Health

Rebecca Yuk-Ying Au, *Molecular Microbiology and Immunology* Melanie Dawn Baxter, *Healtb, Bebavior and Society* Christine M. Carson, *Epidemiology* Yi-ting Chang, *Biostatistics* Julie Snyder Cohen, *Healtb, Bebavior and Society* Deidra Candice Crews, *Epidemiology* 

Djeneba Koumba Dabitao, Molecular Microbiology and 1mmnnology Helen Rebecca Freyberger, Molecular Microbiology and Immunology Tsung-chieh Fu, Epidemiology Mirinda A. Gillespie, Epidemiology Jean-marc G. Guedon, Molecular Microbiology and Immunology Jennifer J. Han, Epidemiology Gillian W. Hooker, Health, Bebavior and Society Sarah Alice Israel, Epidemiology Kristine Erica Johnson, Clinical Investigation Maya Alyza Kesler, Epidemiology Chieh-Yin Lin, Biochemistry and Molecular Biology Kristy Lynn Lunguest, Molecular Microbiology and Immunology Sivabalan Manivannan, Molecular Microbiology and Immunology Anne-marie McKnight, Epidemiology Lisa Ann Mills, Clinical Investigation Yousra Ali Mohamoud, Epidemiology Derek Kai Sing Ng, Epidemiology Reside Ros, Epidemiology Hasina Samji, Epidemiology Monisha Sharma, Epidemiology Michelle Silver, Epidemiology Melinda Elizabeth Simonson, Health, Behavior and Society Justin E. Smith, Biochemistry and Molecular Biology Victor Ssempijja, Biostatistics Kelly Brungardt Stein, Clinical Investigation Christopher Robert Sudfeld, Epidemiology Sonja A. Swanson, Biostatistics Catherine M. Thomas, **Biostatistics** 

Megan Elise Truitt, Healtb, Bebavior and Societ Mchmet Can Uluer, Biochemistry and Molecular Biology Yaping Wang, Biostatistics

Lauren E. Wilson, Epidemiology Elizabeth L. Yanik, Epidemiology Mohamoud, Epidemiology Derek Kai Sing Ng, Epidemiology Reside Ros, Epidemiology Hasina Samji, Epidemiology Monisha Sharma, Epidemiology Michelle Silver, Epidemiology Melinda Elizabeth Simonson, Health, Behavior and Society Harjot K. Singh, Clinical Investigation Justin E. Smith, Biochemistry and Molecular Biology Victor Ssempijja, Biostatistics Kelly Brungardt Stein, Clinical Investigation Christopher Robert Sudfeld, Epidemiology Sonja A. Swanson, Biostatistics Catherine M. Thomas. **Biostatistics** Megan Elise Truitt, Health, Bebavior and Society Mehmet Can Uluer. Biochemistry and Molecular Biology Yaping Wang, Biostatistics Lauren E. Wilson, Epidemiology

#### Masters of Health Science

Elizabeth L. Yanik, Epidemiology

## The Bloomberg School of Public Health

Maritza Nicole Aitken, Biochemistry and Molecular Biology William Paul Alexander, Biochemistry and Molecular Biology Hassan M. Alosh, Epidemiology Ramya Ambikapathi, International Health Hannah E. Arem, International Health Priscilla Auguste, Epidemiology Sean R. Baird, International Health Agnes Balla, Molecular Microbiology and Immunology Fornati W. Bedell, Environmental Health Sciences

Kelly Suzanne Benke, **Biostatistics** John Gordon Berggren, Environmental Health Sciences Kathryn E. Berndtson, International Health Renee Denise Boss, Clinical Investigation Erin M. Braunscheidel, International Health Michael Justin Byron II, Health, Behavior and Society Lauren Elizabeth Cain, **Biostatistics** Meredith A. Camp, International Health Joshua J. Campos, Health Policy and Management Luz Marina Caviedes Rojas, International Health Jahnavi Chatterjee, Biochemistry and Molecular Biology Howard W. Choi, In ternational Health Sandy Dohyun Chon, Mental Health Kristy Jenny Chu, Biochemistry and Molecular Biology Emily Jane Ciccone, International Health Brandon Gregory Clark, Biochemistry and Molecular Biology Emma V. Clark, International Health Chelsea Macleod Cooper, International Health Diane Louise Coraggio, International Health Jonathan Bayne Coulter, Environmental Health Sciences Ian M. Craig, Environmental Health Sciences Stephanie Nicole Crewe, Population, Family and Reproductive Health Angela C. Cruciano, International Health Rita Czako, International Health Anthony Joseph Damico, Health Policy and Management Heather E. Danysh, International Health Elliott Chandler Dasenbrook, Clinical Investigation Erica E. Dean, Mental Health

Sarah M. Debrey, Epidemiology Irene Eun-Hye Dokko, Population, Family and Reproductive Health Kathleen Anne Dolan, Health Policy and Management Francesca Isabel Espiritu Dolendo, Biochemistry and Molecular Biology Lu Dong, Mental Health Erica Blue Doxzen, Health, Behavior and Society Michael B. Drummond, Clinical Investigation Leah Elizabeth Dudley, Health Policy and Management Stephen Nicolas Dunay, Environmental Health Sciences Kyle Shepherd Dunn, Health Policy and Management Jeffrey Duong, Mental Health Brett Parker Eaton, Molecular Microbiology and Immunology Britt Louisa Ehrhardt, International Health Michelle Mae Estrella, Clinical Investigation Heather Anne Fay, Epidemiology Timothy Christopher Fermin, Environmental Health Sciences Meredith Friend, Biochemistry and Molecular Biology Andrea L. Frydl, Health, Behavior and Society Elizabeth M. Gall, Health, Behavior and Society Jewel Marie Gausman, International Health Attia A. Goheer, International Health Katherine Diane Griffith, Health Policy and Management Robyn M. Haaland, International Health Darrah N. Haffner, Environmental Health Sciences Mikal Ashley Hicks, Molecular Microbiology and Immunology Elizabeth Herzog Hill, Health Policy and Management David Redmond Hinds, Molecular Microbiology and Immunology Sandra HW Ho, Environmental Health Sciences Wei-chien Hung, Biostatistics

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Policy and Management

Emily Ma, Biochemistry and Molecular Biology Jayareddy Mallidi, Health, Behavior and Society Mariah Mattera Marshall, Epidemiology Destiny Sherita Martin, Mental Health Juan Fernando Martinez, Biochemistry and Molecular Biology Sofia Yadira Martinez, Biochemistry and Molecular Biology Olive M. Mbah, Epidemiology Erin L. Mead, International Health Michelle J. Mergler, International Health Adam Jeraldo Milam, Mental Health Aaron Michael Milstone, Clinical Investigation Jessica Diane Moorman, Health, Behavior and Society Christine Elizabeth Mulshine, Health Policy and Management Melinda K. Munos, International Health Erik Scott Munroe. International Health Rebecca Myrowitz, International Health Maya Nadison, Mental Health Ashika Kaushi Nanavakkara. Environmental Health Sciences Anand Kumar Narayan, Epidemiology Laura P. Newman, International Health Yetunde Abisola Noah, International Health Evaristus Awele Nwulia, Epidemiology Oluwamurewa A. Oguntimein, Health, Behavior and Society Kolawole Olukayode Olugbade Jr., Biochemistry and Molecular Biology Christina Louise Padgett, Environmental Health Sciences Sameer Paithankar, Biostatistics Jillian Elizabeth Panichelli, International Health

Jennifer Anne Pappas, Biochemistry and Molecular Biology Amisha Kirit Patel, Biochemistry and Molecular Biology Meera Rajnikant Patel, Biochemistry and Molecular Biology Tram N. Pham, Molecular Microbiology and Immunology Joseph William Pietropaoli, Biochemistry and Molecular Biology Marshall Wilfred Pitz, Clinical Investigation Kate Olmstead Poropatich, Molecular Microbiology and Immunology Nattapol Pow-Anpongkul, Molecular Microbiology and **Immunology** Lissa Anne Pressfield, International Health Lisa Ann Prokop, Health, Behavior and Society Tracy Pugh, Health Policy and Management Daesha Ramachandran, Population, Family and Reproductive Health Pradeep Y. Ramulu, Clinical Investigation Jinghuan Ren, Biochemistry and Molecular Biology Jacqueline R. Reuben, Epidemiology Gary Stanley Ribis, Environmental Health Sciences Marcie Rae Richmond, International Health Anna E. Ricklin, Health, Behavior and Society Juan Jose Rivera, Epidemiology Ana Elizabeth Rodriguez, International Health Allison L. Roeser, Population, Family and Reproductive Health Amanda Shenille Rose, International Health Kimberly Beth Roth, Mental Health Michael David Rozier, International Health Karishma Kartar Sainani, Health Policy and Management

Britt Julia Sandler, Molecular Microbiology and Immunology Niharika Sanjeev Sathe, Biochemistry and Molecular Biology Neta J. Scarpari, Health Policy and Management Dorry Lidor Segev, Biostatistics Prabu Selvam, International Health Gerardo Alexander Serrano, Health Policy and Management Neil B. Shah, Biochemistry and Molecular Biology Supriya A. Shah, Environmental Health Sciences Megan Beth Shanahan, Mental Health Myra J. Shapiro, International Health Mi Kyung Shin, Environmental Health Sciences Kimberly Anne Silbaugh, Health, Behavior and Society Emily Simons, International Health Jennifer Lynn Sirko, Epidemiology Joanna Skinner, Health, Behavior and Society Gabriel Aaron Sneh, International Health Megan Stephanie Solinger, Environmental Health Sciences Meghan Lee Stack, International Health Meredith Stakem, International Health Rebecca L. Stepnitz, International Health Matthew Douglas Stewart, **Environmental Health Sciences** Gillian H. Stresman. Environmental Health Sciences Aimee Summers, International Health Anh Tuan Thuc Tan, Molecular Microbiology and Immunology Lori A. Tomassian, Biochemistry and Molecular Biology Beatrix Simone Traa, Molecular Microbiology and Immunology Phung Kim Tran, Environmental Health Sciences Danielle Elissa Tuller,

International Health

Denise F. Twum. International Health Erin A. Urquhart, Environmental Health Sciences Ali Oguz Ustun, Health Policy and Management Desirae Marie Vasquez, Health, Behavior and Society Elisa Maria Vidal, Molecular Microbiology and Immunology Sarah H. Wampold, International Health Min Wang, Health Policy and Management Shanxiao Wang, Epidemiology Teresia Mbaire Wanjiku, Molecular Microbiology and Immunology Kristina Renee Weeks, Health Policy and Management Danielle Marie Whicher, Health Policy and Management Julia Noble White, International Health Robert Joseph White, Health Policy and Management Christopher Kevin Whitehorne, Environmental Health Sciences Amber Enjole Williams, Mental Health Rebecca Mahan Willis. International Health Warren M. Wong, International Health Bethany Deborah Wood, Environmental Health Sciences Peter Kuo-Yen Wung, Clinical Investigation Nancy X. Yang, Health Policy and Management Razan Ziad Yasin, International Health Maria Carolina Zerrate. Mental Health Patricia A. Zialcita, International Health

### Masters of Public Health

## The Bloomberg School of Public Health

Samer Rafic Abi Chaker Kuerbanjiang Abuduxikuer Evan Leslie Adams Adegboyega I. Adejana Noah O. Agada Shivani Agarwal Onaopemipo Benjamin Ajiboye Manzilat Yeyedehinbo Akande Rukeme O. Ake Patrick I. Akhiwu Adekemi Yewande Alade Lindsey R. M. Albert Nevine Dia Ali Olakunle Oladunjoye Alonge Mohammad S. M. H. Alseaidan Sally A. Altland Nalini Philipose Anand Amechi Nneka Anazodo Mary A. Andrawis Elizabeth N. Andrew Allen A. Andrews Brenda Sze Peng Ang Lilian Nneka Anomnachi Andria Apostolou Sarah J. Arnquist Ziad Maurice Ashkar Lisa M. Aslan Sokhieng Au Mondell B. Avril Heather Awsumb Helen Carol Azzam Maryanne Martin Bailey Sanjeeve Balasubramaniam Sudeep Banerjee Anand Bang Shannon Lynn Barkley Kimberly Lynn Barrett Amelia Maria Bartholomew Arnab Basu Gaurab Basu Hosne Ara Begum Stephen Mark Belkoff Helen Masresha Bellete Kayode Jibril Bello Betsy Berkovich Tal Eliram Berkowitz Jay R. Bernstein Laurel K. Bernstein Eileen Marie Birmingham Lara Christine Bishay Amanda Yvonne Black Giselle D. Blair

Chervl A. Blanchard Lena K. Bloom Oluwaseyi Bolaji Bolorunduro Kevin Lee Bowman Jennifer Carolyn Breakey Caroline M. Brown Clancy M. Broxton Dana Rae Burshell Georgina Lisseth Calderon Bernadette V. Campbell Jessica Rose Carda James Lee Carev Shua Joshua Chai Ariel Chairez Elizabeth K. Chairez Roland Mark Champagne Joanne Hai-Wei Chan Carolyn Chang Dolly S. Chang Catherine Lee Chen Jian Chen Nadine Esther Chen Steven Tze-Wei Chen June J. Cheng Shing Lai Angie Cheng Marilu Chiang Ritam Chowdhury Tong Han Chung Ziga Cizman Tanya Leona Clarke Laura Cogoy Gordon J. Cohen Lauren Cooper Lindsay Shyler Cope Claudia Corwin Stephanie Bennett Cosby Brigette Marie Courtot Jon Kyden Creekpaum Michael T. Crocetti Chrysan Cronin Joy E. Crook Scott Edward Dafflitto Deepan Shailesh Dalal Siobhan M. DeLancey Hirak Hrair Dertorossian Anisha S. Dharshi Giulio Didiodato Anjali D. Dotson Danielle Frin Drayer Erin Duffy Ramona Gianina Dumitrescu Elizabeth Laurena Dunbar Lauren Therese Dunning Betina Durovni Jordan Duval-Arnould Monique Michele Duwell

Natalie Rut Ebert Raimee Hever Eck Sajeewane Manjula Ekanayake Jessica L. Elf Shari Maguire Erickson Leafar Espinoza William Yves Etienne Emily L. Evans Michelle Evanson Rufus Washington Ewing Olubukola Adesewa Fagorala Fariba Farhidvash David Faso Stephen Joseph Fernandez Stephen Louis Fischer Christina Fitzmaurice Dana Scott Fitzsimmons Heather E. Fitzsimons John Welton Fitzwater Dawn Michelle Flandermeyer Jane Janka Flaska Judith Esther Flom Roberto Flores-Munguia Finbar Timothy Foley Sarah J. Fox Crystal Rose Franco Oladapo Abiodun Fred-Omojole Shrirang M. Gadrey Rakesh Gaur Jessica Lee Gehle Ionathan Evan Gellar Tamkeen Ghafoor Suzanne Rees Gilbert Ion Giles Russell David Goldman Laura Ellen Goodman Marissa Suzanne Gordon Picard Theresa Marie Gorenc Ruti Gorev-Zerubavel Lauren Elizabeth Graham Laura Claire Grossmann Rebecca Schwager Guest Indu Gupta Thomas Joseph Guzzo Nada Osman Hanafi Tara Candida Hardiman Christopher Gareth Hardy Margo Shawn Harrison Peter Austin Hauslohner Burke Allen Hays Leilei He Brandy M. Heckman-Stoddard Laura Elizabeth Henderson Raquel Gomez Hernandez Sally Gaintner Hess Roger Sai-Kit Ho

Haley K. Holmer Mark Edward Humphrey Julia Hutter Josephine Olutola Ibironke Ochanya E. Idoko Mohammed Iqbal Shalon MauRene Irving Ruth Ellen James Gwynne Lee Jenkins Tao Jin Paige Elizabeth Johnson Tanya Johnson Esther Miriam Johnston Olga Joos Corinne I. Jurgensen Kristin Hoi-Yan Kan Yasuyuki Kato Misbah Keen Sean D. Kennedy Leah Dawn Kern Jennifer Ann Kim Julia Minjung Kim Sarah Sunjung Kim Naomi Kincler Camille Marion King William Kizito Sivan Kohn Albert Ntela Komba Lauren E. Koontz Buddy Gene Kozen Jr. Stacy J. Kreger Gifty Kwakye Martin Laclaustra Alan Stephen Lam Jennifer Oi Yun Laın Julio Alejandro Lamprea Montealegre April Ruth Lawner Guy Jean LeBlanc Eun Mi Lee Hana Lee Hannah Lee Jung Eun Lee Ta-Ya Lee Aaron Legler Sarah R. Lewis April Lhotsky Wai Sum Li Yang Li Jenna K. Libersky Travis Warren Lim Natalie L. Lima-Garcia Edward W. Liu Shu-Pei Liu Jordann Elisabeth Loehr Evelyn Helene Lohfeld

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Emmanuella Nkiruka Okonkwo Oluwasegun Ebenezer Oloyede Chinedu Ifevinwa Onyedike Sheila Marie Ormond Jane Anoush Oski Katherine Margaret Ostbye Lisa Kay Packard Crystal L. Parker Jenelle M. Partelow Deepali M. Patel Hannah Doddy Paxton Belinda Fung Peng Eduardo Mario Perelstein Brett William Peterson Heather M. Peto Julia H. Porter David Berliner Portnoy Lakshmi Eswari Prasad Sarah E. Preston Treta Purohit **Courtney Danielle Rackers** Rakesh Raghuwanshi Presha Rajbhandari Daniel Randall Radhai Manickam Rastogi Amulya Madhavi Reddy Bianca Nkechi Redhead Caitlin Gutperle Reed Najibah Khatoon Rehman Carrie Elizabeth Reichert Karen Jane Riley Stacev Erin Rittmueller Christiane Marie Robbins Jose Manuel Rodriguez Paz Daphne Kae Rommereim-Madden Lisa R. Rosenberger David Matthew Rosenfeld Paul Roumeliotis Nobhojit Roy Probal Kumar Roy Elizabeth H. Ruder Tracy E. Rudne Hogeol Ryu Haneefa Tasleem Saleem Zeena Salman Salome Siddharth Samant Saul Javier Santivañez Brenda Santos Maria Sasaki Bonnielin Kathleen Sceurman Swenor Jessica Nicole Schmidt Stacey Lynn Schultz Seth A. Schumacher Stephen Mark Scott

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#### Masters of Science

#### The School of Medicine

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#### Masters of Arts

#### The School of Medicine

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#### Graduate Certificates

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#### Masters of Arts

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#### Masters of Civil Engineering

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Irene Bae Dhong,

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Adam Seth Wynn

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#### Masters of Liberal Arts

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Masters of Science in Biotechnology/ Masters of Business Administration

#### The Zanvyl Krieger School of Arts and Sciences and The Carey Business School

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Masters of Arts in Communication/ Masters of Business Administration

The Zanvyl Krieger School of Arts and Sciences and The Carey Business School

Melanie Schwebler

Masters of Arts in Government/ Masters of Business Administration

The Zanvyl Krieger School of Arts and Sciences and The Carey Business School

Ellen Marie Barletto Yasmina Rosette Ghantous Christopher Joel Goldberg Rajesh Manu Naik

#### Doctors of Education

#### The School of Education

Renard Antrell Adams, Teacher Development. Data Mining Student Special Services Information Data to Predict Proficiency on High-Stakes Tests. Laura Ruth Brayshaw Broughton, Special Education. Analysis of Teacher's Content Knowledge, Pedagogical Knowledge, and Experience on the Mathematical Performance of Students with Learning Disabilities in Grade 8 on the Main National Assessment of Educational Progress Survey (Main NAEP). Tiffany Erin Wright, Teacher Development. Leadership for Safe and Inclusive Schools: An Examination of Lesbian, Gay, Bisexual and Transgender Educators' Perceptions of School Climate.

#### Doctors of Musical Arts

### The Peabody Conservatory of Music

Jee Young Rachel Choe, *Flute* Ruby Fulton, *Composition* Cory Thomas Hibbs, *Composition* Chih-Jung Agnes Hsu, *Violin* Hye-Young Kang, *Piano* Mark Alan Lackey, *Composition* Socrates Leptos, *Guitar* Adam Jacob Pearl, *Harpsichord* 

#### Artist Diplomas

### The Peabody Conservatory of Music

Minsun Choi, Violin Joseph Fitzpatrick Young, Conducting Eric Zuber, Piano

#### Doctors of Philosophy

#### The School of Nursing

Jennifer Joy Hatzfeld. Assessing for Health Disparities in the U.S. Air Force. Katherine Gloria Meilleur. Molecular Diagnosis of Hereditary Neurological Disease in Mali, West Africa: Social and Research Implications. Kathryn Anne Paez. Cultural Competence and the Patient-Clinician Relationship.

#### Doctor of Science

### The Bloomberg School of Public Health

Kamini Rachel Shah, *Health*, *Bebavior and Society*. Test-Retest Reliability of the National Opinion Research Center (NORC) DSM-IV Screen (NODS) for Gambling Problems in a Sample of Middle-Aged Men.

#### Doctors of Public Health

### The Bloomberg School of Public Health

- David R. Baker, Health Policy and Management. Dynamics of Acute Care Patient Flow.
  Jacquelyn Yan Kung, Health Policy and Management.
  Do I Stay or Do I Leave?
  Exploring the Factors of Employee Retention in Senior Care.
- Ekaterini Konstantinos Malliou, *International Health.* American Indians with Old-Age Disability: A Public Health Challenge for the 21st Century.

April Nicole Naegeli, *Epidemiology*. Epidemiology and Impact of Clostridium Difficile in Pediatric Patients. Michele Myers Twilley, *Environmental Health Sciences*. An Evaluation of Maryland's Reduction of Lead Risk in Housing Law.

#### Doctors of Philosophy

### The Bloomberg School of Public Health

Alexander Gunter Agthe, *Clinical Investigation.* Clonidine as an Adjunct Therapy to Opioids for Neonatal Abstinence Syndrome: A Randomized Controlled Trial. Aaron Andrew Alford II,

Mental Health. The Influence of Fetal and Early Growth on Adult Mental Distress: Evidence from the Johns Hopkins Collaborative Perinatal Study Birth Cohort. Keri Nicole Althoff,

*Epidemiology*. Prevalence, Predictors and Effectiveness of Influenza Vaccination in HIV Women: Nested Studies in the Women's Interagency HIV Study (WIHS).

Donna Lynn Ansara, *Population, Family and Reproductive Health.* Exploring the Patterns of Intimate Partner Violence in Canada: A Latent Class Approach.

Lori D. Bash, *Epidemiology*. Understudied Risk Factors and Consequences of Decreased Estimated Kidney Function in the Atherosclerosis Risk in Communities (ARIC) Study: A Closer Look at Hospital and Administrative Data.

Elena Blasco-Colmenares. Epidemiology. Preoperative Use of Clopidogrel and Statins in Coronary Artery Bypass Surgery and Risk of Infections at Johns Hopkins Hospital (JHH), Baltimore. Kenneth Michael Brenneman, Environmental Health Sciences. Blood-Brain Permeability to TC-99M-DTPA From 825MHZ GSM Reactive Near-Field Cell Phone Exposure. Amy Susan Buchanan, Mental *Health*. The Influence of Social Factors on Drug Use Among Drug-Experienced Adults. Neal Christopher Burton, Environmental Health Sciences. Synaptic, Genetic and Neurodegenerative Effects of Chronic Manganese Exposure in Non-Human Primates. Lauren Elizabeth Cain, Epidemiology. Bridging the Gap between Observational and Randomized Evidence: HAART and AIDS. Meghan Ann Campbell, Biochemistry and Molecular Biology. Covalent Interactions of Platinumconjugated Triplex-forming Oligonucleotides with DNA. Benilton de Sa Carvalho, Biostatistics. Statistical Methods and Software for High Density Oligonucleotide Arrays. Kwun Chuen Gary Chan, Biostatistics. Recurrent Marker Process Before Failure Event: A Backward Process Approach. Herng-Yu Sucie Chang, Environmental Health Sciences. Sex-Based Differences in

Airway Responsiveness.

Hsien-Yen Chang, Health Policy and Management. Evaluation of Alternative Diagnosis-Based Risk Adjustment Models and Morbidity Trajectories for Application in Taiwan. Ching-Yu Cheng, Epidemiology. Genome-Wide Admixture Mapping of Obesity in African Americans. Yu-Jen Cheng, Biostatistics. Statistical Methods for Failure Time Data with Biased Sampling and Measurement Errors. Keely Ruth Cheslack-Postava, Epidemiology. Autism, Autoimmunity and the Environment: A Case-Control Study of Biomarkers of Nervous System and Thyroid Autoimmunity, Interaction with Airborne Pollutants, and Risk for Autism. Ming-Feng Chin, Epidemiology. Dairy Product Intake and Risk of Coronary Heart Disease Mortality. Bryan Edward Christensen, Environmental Health Sciences. Characterization of Generation and Sampling Methods for Viral Aerosols. Hui Ming Chung, Epidemiology. Metabolic Syndrome and Prostate Cancer. Stephen Owen Crawford, Epidemiology. Lactate, A Novel Marker of Disordered Energy Homeostasis in the Metabolic Derangements of Obesity. Andreea Alina Creanga, Population, Family and Reproductive Health. Understanding Emergency Contraception Practice in Ghana: An Application of the Theory of Planned Behavior.

Alisha Heather Creel, Health, Bebavior and Society. Effects of a Mass Media Intervention on HIV-Related Stigma and Fear: Radio Diaries Program in Malawi. Darshan S. Dalal, Epidemiology. Sudden Cardiac Death and Its Determinants in Common and Rare Cardiomyopathies. Gail Marie Dana-Sacco, Health Policy and Management. Applying Passamaquoddy Wisdom to Contemporary Tribal Health Decision-Making. Rachel Lauren Derr, Clinical Investigation. Characteristics and Clinical Consequences of Glucocorticoid-Induced Hyperglycemia. Kelly Elise Dooley, Clinical Investigation. Methodological Challenges in the Evaluation of New Tuberculosis Treatment Regimens. Autumn Sara Downey, Molecular Microbiology and Immunology. Prevention and Control of Enteric Protozoan Infections: Public Health Applications of **Environmental Surveillance** and Drug Treatment Studies. Judith Diane Easterbrook, Molecular Microbiology and Immunology. Immunological Mechanisms Mediating Seoul Virus Persistence in Norway Rats. Errol Lamont Fields, Health, Behavior and Society. Racial Identity, Masculinity and Homosexuality in the Lives of Young Black Men Who Have Sex with Men: Implications for HIV Risk. Frank Abron Franklin 11. Health Policy and Management, Alcohol Outlets and Violent Crime in the Nation's Capital.

Ingrid Kristina Friberg, International Health. Risk Factors and Consequences of Streptococcus pneumoniae Colonization of Infants in Vellore, India.

Adena Malka Galinsky, Population, Family and Reproductive Health. Positive Sexual Health in Emerging Adulthood: the Association of Sexual Pleasure with Psychological Well-Being and Relationship Quality. Renee Michelle Sutton Gardner, Environmental Health Sciences. Immunotoxic Effects of Mercury in Humans: in vivo and in vitro Evidence.

Cesar Miguel Gavidia, International Health. Cystic Echinococcosis in Peru: Human Prevalence Study and Chemotherapy Evaluation in Sheep.

Danielle German, *Health*, *Behavior and Society*. Social Stability and HIV Risk: Exploring the Role of Multidimensional Social Vulnerability.

Jason Gerson, *Health Policy* and Management. Freedoms, Functionings and the Ethics of Health Promotion.

Lilian Adnan Ghandour, Mental Health. Young Adult Alcohol Involvement: The Role of Parental Monitoring, Child Disclosure, and Parental Knowledge During Childhood.

Khalil G. Ghanem, *Clinical Investigation*. Syphilis As An Opportunistic Infection in HIV.

Erin Rand Giovannetti, *Health Policy and Management*. Measurement of Informal Caregiving to Older Disabled Adults in the United States. Suzanne Marie Goodwin, Health Policy and Management. The Effect of Cost Sharing on Utilization of Preventive Services Among Medicare Beneficiaries.

Shannon Lee Grahek, International Health. Epidemiology, Etiology, and Disease Manifestations of Travelers' Diarrhea (TD) Occurring Among U.S. Visitors to Guatemala and Mexico: Implications for Future Intervention Trials. Anne-Marie Guerguerian, *Clinical Investigation*. Care Practices in Children with Severe Traumatic Brain Injury.

Shivam Gupta, International Health. Methods for Population-Based Assessments in Post-Conflict Settings: Health Service Performance, Economic Status and Equity of Utilization in Afghanistan.

David Northrop Hager, Clinical Investigation. Tidal Volume Reduction in Acute Lung Injury: Moving from Conventional Ventilation to High Frequency Oscillatory Ventilation.

Catherine Kelley Harbour, *Health, Behavior and Society.* Normative Influences on Youth in Minya, Egypt.

Rachel Alison Haws, International Healtb. Women's Experiences of Stillbirth and Other Reproductive Disruptions and Their Social Consequences in Southern Tanzania.

Carlton Haywood Jr., *Health Policy and Management*. Patient-Centered Care and Trust in the Medical Profession Among Adults with Sickle Cell Disease.

Yen-Yi Ho, Biostatistics, Gene Association Networks and Higher-Order Interactions: Algorithms and Statistical Models. Maliha R. Ilias, Population, Family and Reproductive Health. Perinatal Depressive Symptoms and Anxiety: Importance for African American Mothers and their Babies. Bamini Jayabalasingham, Molecular Microbiology and Immunology. Metamorphosis of Plasmodium Sporozoites into Exoerythrocytic Forms: Discovey of Novel Degradative Pathway in the Malaria Parasite. Sarah Renee Lindstrom Johnson, Health, Behavior and Society. Using Concept Mapping to Structure Students' Views of the School Environment's Contribution to School Violence: Providing Suggestions for School Environment Intervention. James Brian Jones, Health Policy and Management. Evaluation of An Electronic Patient Portal for Chronically Ill Patients in a Rural Integrated Delivery System. Lori Chaffin Jordan, Clinical Investigation. Hemorrhagic Stroke in Children: Etiology, Outcome and Predictors of Treatment. Bjorn Felix Caesar Kafsack, Molecular Microbiology and Immunology. Crossing the Divide: Molecular Determinants of Toxoplasma Invasion and Egress. Esther Babirye Kaggwa, Population, Family and Reproductive Health. The Family, Psychological and Sexual Differences Between Orphans and Non Orphans in Uganda.

Sarah Finocchario Kessler, International Health. Understanding Fertility Desires and Intentions Among Women Living with HIV, and Implications for Comprehensive **Reproductive Health** Services in Baltimore. Elizabeth Khaykin, Epidemiology. Prevention in the Severely Mentally Ill: Primary Care Quality and Adverse **Events Among Persons** with Schizophrenia, and the Benefit of Physical Activity on Sleep in a Community Sample of Persons with Severe Mental Illness. Catherine Namugga Kibirige-Shacklett, Molecular Microbiology and Immunology. In-Vitro T Cell Death Induced by Aldrithiol-Inactivated HIV Virions as a Model for T Cell Homeostasis Failure in People with HIV-1 Infection. Sang Joseph Kim, Epidemiology. The Center Effect in Kidney Transplantation: A New Look at an Old Problem. Seung Ouk Kim, International Health. Effect of Patient Cost Sharing in South Korea: ACG Risk-Adjusted Differences in Health Care Utilization and Expenditures Among National Health Insurance and Medical Aid Enrollees, 2004-2005. Elizabeth Timberlake Kinter, Health Policy and Management. **Identifying Treatment** Preferences of Patients with Schizophrenia in Germany: An Application of Patient-Centered Care. Alison Merill Laffan,

Alison Merill Laffan, *Epidemiology*. Relating Sleep Fragmentation to Subjective Sleep Quality, Sleep-Disordered Breathing Severity, and Mortality. Stephanie M. Larson, Biochemistry and Molecular Biology. Analysis of a Protein Family Mediating Membrane-Microfilament Interactions in Cortical Dynamics and Effective Tension During Mammalian Oocyte Maturation and Early Embryonic Development.

Taek-Soo Lee, Environmental Health Sciences. Optimization and Evaluation of 4D MAP-RBI-EM Image Reconstruction Method for Gated Myocardial Perfusion SPECT.

- Justin Thomas Lessler, *Epidemiology*. Detection and Characterization of Respiratory Viruses in Institutions.
- Nan Li, Population, Family and Reproductive Health. Experience of Childhood Sexual Abuse and Its Long-Term Adverse Effects Among Youth in Three Asian Cities.
- Hung-En Liao, *Health Policy* and Management. Initial Effects of the National Health Insurance Program in Taiwan on Access to Health Care.
- Yuan Lin, *Biochemistry* and Molecular Biology. Structural and Biophysical Characterization of RNA Recognition by Arginine-Serine Rich (RS) Domains in Splice Site Regulation.
- Lisa M. Lyman, *Health Policy and Management*. Associations Between Maternal Depression Symptoms, Socioeconomic Factors and Vaccine Receipt by Very Young Children.
- Pallab K. Maulik, *Mental Healtb.* Life Events, Social Network and Social Support and Mental Health Service Utilization in the Baltimore Epidemiologic Catchment Area Cohort.

Holger Mayta, International Health. Cloning and Characterization of Two Novel Taenia solium Antigenic Proteins and Applicability to the Diagnosis and Control of Taeniasis/Cysticercosis. Cynthia Chioma McOliver, Environmental Health Sciences. Recreational Water Contact as a Risk Factor for Cryptosporidium Exposure Among Persons with HIV/ AIDS in Baltimore, MD. Amy Michelle Medley, International Health. Antenatal HIV Counseling and Testing in Uganda: Women's Experiences, Counselors' Challenges, and Men's Attitudes. Karen Priscilla Menendez,

- Population, Family and Reproductive Health. Unintended Birth and Delayed Prenatal Care Among Mexican Women: A Mixed-Methods Study in Los Angeles County, California.
- Shelita Germaine Merchant, *Epidemiology*. Neighborhood Poverty and Gender Inequality: The Context of Sexual Risk Behaviors for STIS.
- Annie Portia Michaelis, *Health Policy and Management*. Helping Young Adults Succeed in a World Where "You Can't": Transitions to Healthy Adulthood for HIVpositive Youths in Baltimore, Maryland.
- Andrew Stephen Midzak, Biochemistry and Molecular Biology. Mitochondrial Regulation of Leydig Cell Steroid Synthesis. Implications for the Decline in Male Testosterone Production with Advancing Age.

Jennifer C. Moïsi, International Health. Mortality, Morbidity, Immunization Coverage and Distance to Health Facilities in Kilifi District, Kenya. Seng Peng Greta Mok, Environmental Health Sciences. Design and Development of a Multi-Pinhole Collimator for High-Resolution and High-Efficiency Spect Imaging of Atherosclerotic Plaques in APOE-/-Mice. Alison Marian Mondul, Epidemiology. Statin Use, Cholesterol, and Prostate Cancer in the PSA Era. Nitya Nair, Molecular Microbiology and Immunology. Quantitative and Qualitative Features of the Antibody Response to Measles Virus. Arijit K. Nandi, Epidemiology. Deindustrialization, Socioeconomic Deprivation, and Injection Drug Use Cessation in Baltimore. Susanna Matsen Nazarian, Clinical Investigation. Predictors of Early Saphenous Vein Graft Patency, Platelet Hyper-Reactivity and Aspirin-Insensitive Thromboxane Generation in Patients Undergoing Coronary Artery Bypass Graft Surgery. Zaza Mtine Ndhlovu, Molecular Microbiology and Immunology. Cellular Immune Responses to Measles Virus-Infection and Vaccination. Yetunde Abisola Noah, Population, Family and Reproductive Health. Female

Population, Family and Reproductive Health. Female Circumcision/Female Genital Cutting in Nigeria: Couples' Attitudes, Women's Empowerment, and Acute Obstetric Outcomes.

- Megan Alice O'Brien, *Health Policy and Management*. Inpact of Prescription Drug Insurance on Health Care Utilization and Expenditures Among Elderly Medicare Beneficiaries with Depression.
- Marjorie L. Opuni-Akuamoa, *Population, Family and Reproductive Health.* Issues in Assessing the Relationship between Economic Status and HIV Infection in Sub-Saharan Africa.
- Michael Glen Overstreet, Molecular Microbiology and Immunology. CD8 T Cell Responses to Malaria Vaccination: Functionality and Survival.
- Tracy Lynn Patterson, Mental Health. Early Childhood Predictors of Adolescent Suicide-Related Ideation in a Urban Sample: A Latent Class Approach.
- Jennifer Marie Piver-Renna, Health, Behavior and Society. The Adoption and Implementation of Alcohol Screening, Brief Intervention, and Referral to Treatment Programs in Mid-Atlantic Level 1 Trauma Centers.
- Yogesh Rajkotia, International Health. National Health Insurance in Ghana: Politics, Adverse Selection, and the Use of Child Health Services.

Juan Pablo Ramos-Bonilla, *Environmental Healtb Sciences.* Exposure to Ambient Concentrations of Air Pollution and Heart Rate Alterations in an Animal Model of Aged Mice.

Jane St. Peter Schinitz, International Health, Preschool Vitamin A Supplementation, Middle Ear Infection and Young Adult Hearing Loss in Nepal. Eric Bergeim Schneider, Mental Health. Statins, Cognition, Function and Health Outcomes in Older Individuals With and Without Acute Head Trauma.

Christina Marie Schumacher, *Epidemiology*. Identifying, Characterizing and Predicting the Role of Core Groups in Syphilis Epidemics.

Art Sedrakyan, *Health Policy* and Management. Evidence and Use of Less Invasive Coronary Bypass Surgery: A Technology Assessment and Evaluation Using National Data.

Dorry Lidor Segev, *Clinical Investigation*. Solid Organ Transplantation Using High Infectious Risk Donors.

Hsien-Yeang Seow, *Health Policy* and Management. The Use of End-of-Life Homecare Services in Ontario, Canada: Is It Associated with Using Less Acute Care Services in Late Life?

Alyssa B. Sharkey, *Population*, *Family and Reproductive Healtb.* The Health and Social Context of Infant Death: Reflections from South Africa.

Meredith Sarah Shiels, *Epidemiology*. AIDS-Defining and Non-AIDS-Defining Cancers in HIV-Infected Individuals.

Kim Fai Kenny Shum, *Biostatistics*. Estimating the Mean Medical Cost in Small Samples.

David Michael Sintasath, International Health. High Diversity of Simian Retroviruses and the Risk for Disease Emergence. Mark Christopher Siracusa, *Molecular Microbiology and Immunology*. Hookworm Infection Permanently Alters the Pulmonary Environment of Its Host: Understanding the Induction of the Alternatively Activated Macrophage. Martina Marie Siwek,

Molecular Microbiology and Immunology. Effects of Infection with Measles Virus on Interferon Signaling in Human Lung Epithelial Cells. Sunil Suhas Solomon, Epidemiology. Injection Drug Use and HIV in Chennai, India. Jamila Kinshasa Stockman, Epidemiology. Sexual

Violence and HIV Risk Behaviors in a Nationally **Representative Sample of** American Adult Women. Sangeeta Sule, Clinical Investigation. Clinical Outcomes in Pediatric SLE. Kannika Taenkhum, Environmental Health Sciences. An Evaluation of Biogenic Components of Indoor and Outdoor Particulate Matter and Indoor Settled Dust in Homes in Baltimore, Maryland. Theresa Marie Thompson, Health Policy and Management. A Life

Course Investigation of Childhood Risk Patterns and the Development of Trajectories of Competence in Early Adolescence. Alezandria Karena Turner,

Health, Behavior and Society. The Influence of Psychiatric Disorder Symptoms and Stressful Life Events on the Sexual Risk Behavior of Out-of-School Youth in Baltimore, MD. Janella Leora Ulloa, Environmental Health Sciences. The Copper Chaperone as a Dual Regulator of Effects Related to Oxidative Stress and Chromatin Remodeling. Meera Venkatesan, Molecular Microbiology and Immunology. Population and Quantitative Genetics in the West Nile Virus Vector culex tarsalis. Jean S. Wang, Clinical Investigation. Predicting Cancer in Barrett's Esophagus. Rachel Anita Weber, Epidemiology. Factors Associated with Sexually Transmitted Infections Including the Human Immunodeficiency Virus Among Sex Workers in Moscow, Russian Federation and Israel. Mei Wen, International Health. Road Traffic Injuries in China: Time Trends, Risk Factors and Economic Development. Jinchun Yan, Biochemistry and Molecular Biology. Cellular and Molecular Changes in the Development of Prostatic Hyperplasia in Aging Brown Norway Rats. Hannah Phil Yang, Epidemiology. The Association of Smoking and Common Variants in Estrogen Metabolizing Genes with Endometrial Cancer Risk. Stella Sun-Young Yi, Epidemiology. Endogenous Hormones in the Development of Cardiovascular Disease in African-Americans with Kidney Disease. Joanna S. Zablotsky, Health Policy and Management. The Impact of Local Environmental Public Health Capacity on Food Protection and Foodborne

Hongyun Zhao, *Euvironmental Healtb Sciences*. The Long-Term Effects of Acute Elastase Injury on the Lungs of C57BL/6 and CD8 T Cell Deficient Mice. Shanshan Zhu, *Biochemistry and Molecular Biology*. Analysis of the Molecular Mechanisms Regulating Paralogue-specific Sumoylation and its Effects on Protein Function.

#### Doctor of Philosophy

#### The Paul H. Nitze School of Advanced International Studies

Timo Behr, European Studies. France, Germany and Europe's Middle East Dilemma: The Impact of National Foreign Policy Traditions on Europe's Middle East Policy Shlomi Dinar, International Policy. Treaty Principles and Patterns: Negotiations Over **International Rivers** Bo Kong, China Studies. The Making and Implementing of China's International Petroleum Policy, 1990-2007 Sara Konoe, Japan Studies. The Politics of Transforming Financial Markets and Regulations: A Comparison of the United States, Japan, and Germany Trine Lunde, Western Hemisphere Latin American Studies. Escaping Poverty: Perceptions From Twelve Indigenous Communities in Southern Mexico.

Tomicah Sterling Tillemann-Dick, *Strategic Studies*. How to End an Empire: The Refugee Crisis of 1989 and the Collapse of the Eastern Bloc.

Illness in Maryland.

Adnan Vatansever, Russian Area and East European Studies. The Political Economy of Allocation of Natural Resource Rents: The Case of Oil Rents in Putin's Russia (1999–2005).

#### **Doctors of Medicine**

#### The School of Medicine

Nevine Dia Ali Hassan Mohamed Alosh Michael Alperovich Frank Joseph Attenello III Sonya Babar Seth Joshua Berkowitz Mehul Kantilal Bhakta Michael Franklin Brinkley Megan Elizabeth Brooks Mersine Alexis Bryan Christopher Thomas Campbell Anthony Robert Carlino Eric Timothy Carroll Margaret Welsh Cavanaugh-Hussev Jennifer Kylien Chen Jennifer Jay Cheng Andrew Sangmin Chi Ryan Edwin Childers Eunpi Cho Edward Christopher Chu Nathan William Coleman Joseph Garfield Crompton Louis Tuong Chinh Dang Melissa Nicole Dattalo Neal Arledge deJong Morgan Kristen Dooley Jeffery Coleman DuBois Elizabeth W. Dzeng Allen Omid Eghrari Andrea Estrada Sharifeh Farasat Errol Lamont Fields Jeffrey Peter Fiorenza Giannina Lissa Garces Ambrossi Sravanya Gavini Michael David George Ted Avi Gerstenblith Hussam Hashim Warsama Ghalib Kasey Lynn Gildersleeve Sergio Alejandro Glait Seth Daniel Goldstein Phillip John Gray Jr.

Sophie Charlotte Griswold Rozalina Grubina Shannon Kathleen Gust **Timothy James Harris** Gregory Thomas Havlena Roger Sai-kit Ho Tanuny Marie Holm David Paul Horowitz Remealle Alina How David Leighton Howard Steven Hsu Sameer Kaiser Jesse Wade Keller Gargi Divya Khare Abtin Hajiloo Khosravi Alena Klimava Fang Sarah Ko Matthew Christopher Konerman Ali Kooshkabadi Elizabeth Kirsten Laverriere Adrea Shihyun Lee Johnson Chen-Shing Lee Hanna Beth Lemerman Jordan Stewart Leyton-Mange David Michael Lofthus Ankit Atul Mahadevia Michael Armando Marchetti Jo Marin Martin Courtney Goodwin Masear Bryant Vincent McIver Jr. Marisa Eileen Meyer Daniel Lyman Miller Payam Mohassel Ryan William Monroe Vinh-Tung Phuoc Nguyen Timothy Michael Niessen Jessica Opoku-Anane Nishant Dinesh Patel Susan Marie Peterson **Rory James Petteys** Emily Carol Pfeil Maria Alexandrovn Pletneva Roni Benjamin Prucz Amit Rahman Pushpa Vani Raja Fatemeh Rajaii Rabia Rafi Razi Alison Payne Reid Marc David Ricks Sarah Innian Rogers **Richard Brandon Schartz** Ahmad Reza Sedaghat Michael Wallace Seutome Catherine Seo Sangini Bhadrik Shah Sophia Fontanilla Shakur

Zita Jeh-Ih Shiue Karl Anton Christopher Soderlund Daniel Brookner Stein Bradley Charles Strunk Michael Raphael Tadross Eric Wan Tan Marietta Tan Sarah Ruth Temple Monica Arlene Tincopa Geoffrey Huang Tison Kenneth Sheinje Tseng Jonathan Heng Tzu Jana Lynn Vandegrift Jiovani Miranda Visava Amit Navin Vora Paul Ravi Waldron Darcy Kate Weidemann Sasrutha Rasika Wickramasinghe Laura DeLong Wood Lauren Fang Xu Justin Shu Yang Mark Jason Young Michelle Ribeiro Young Kan Zhang Jessica Zhou Ryan Michael Zimmerman Jennifer Lynn Ziskin

#### Doctors of Philosophy

#### The School of Medicine

Michael Gerard Acker, Biochemistry, Cellular and Molecular Biology Training Program-Biophysics and Biophysical Chemistry. The End of the Beginning: Eukaryotic Ribosomal Subunit Joining and the Combined Roles of Initiation Factors eIF5B and eIF1A. Michael David Allen, Pharmacology and Molecular Sciences. Illuminating Kinase Signaling Dynamics in Living Cells with Optical Biosensors. Ashley Shequina Beasley, Pharmacology and Molecular Sciences. Identification and Characterization of 3-Nitrotyrosine Modified Proteins in Cerebrospinal

Michael Jeffrey Bergen, Molecular Biology and Genetics-Program in Immunology. Immune Responses Induced by Formalin-Inactivated and Alphavirus-Vectored Measles Vaccines in Mice. Hannah Justine Block, Neuroscience. Sensory Weighting and Realignment: Roles in Human Reaching Behavior. Angela Kathleen Brice, Cellular and Molecular Medicine. Anti-Inflammatory Mechanisms of Minocycline: Suppression of T Cell Proliferation, Activation and Cell Cycle Progression. Hugh Brian Cahill, Neuroscience. An Optomized Optokinetic Behavioral Assay to Assess Central Nervous System Function in Mice. Christopher Thomas Campbell, Biomedical Engineering. Towards Sugar-Based Drugs: Investigating the Anti-Cancer Activity of SCFA-ManNAc Analogs. Hunter Hong-Chun Chen, Biomedical Engineering. Investigating Rate-Limiting Barriers to Nanoscale Nonviral Gene Transfer with Nanobiophotonics. Chih-Chien Cheng, Human Genetics. Regulation of MBK-2/DYRK During the Oocyte-to-Embryo Transition. Ning Cheng, Neuroscience. The Intrinsic Light Response of Teleost Retina Horizontal Cells. Barry Al Chestnut, Pathobiology. **Fpigenetic Regulation of** Neurodegeneration by DNA Methylation.

Fluid.

Win Den Cheung, Biochemistry, Cellular and Molectular Biology Training Program-Biological Chemistry. Insights into the Regulation of O-GlcNAc Transferase and Protein GlcNAcylation. Hojung Cho, Biomedical

*Engineering.* The Collective Behavior of Bacteria at High Density in the Controlled Microenvironment.

Julia Tsok Lam Choi, *Biomedical Engineering*. Neural Control of Locomotor Adaptation in Humans.

Joshua Peter Cysyk, *Biomedical Engineering*. Electric Field Perturbations of Pinned Reentrant Arrhythmias.

Louis Tuong Chinh Dang, Neuroscience. Notch Signaling in Mouse Embryonic Neural Stem Cell Regulation and Cancer. Karen Kate Ocampo David,

Cellular and Molecular Medicine. The Importance of Animal Models in Understanding Cell Death: Lessons from Genetically Engineered Mice.

Lisa Marie DiPilato, *Pharmacology and Molecular Sciences.* Illuminating Spatiotemporal Regulation of Cyclic AMP Signaling Dynamics in Live Cells Using Novel Fret-Based Biosensors.

Jonathan Andrew David Farrell, *Program in Molecular Biophysics*. Q-Space Diffusion Imaging of Axon and Myelin Damage in the Human and Rat Spinal Cord.

Elizabeth Ann Feeser, Biochemistry, Cellular and Molecular Biology Training Program-Biophysics and Biophysical Chemistry. Structure of Yeast Rap1: Insights into Transcriptional Silencing and Telomere Length Regulation. Tiffany Albright Frey, Cellular and Molecular Medicine. Inhibition of the Cholesterol **Biosynthetic Pathway** Modulates the Innate Immune Response. Liangfeng Han, Human Genetics. HEYL, A Novel Negative Regulator of TGF-Beta Pathway in Breast Cancer. Christin Lee Hanigan, Cellular and Molecular Medicine. Identification of a Truncating Mutation of HDAC2 and its Role in Regulating Apoptotic Response to HDACi. Timothy James Harris, Cellular and Molecular Medicine. Modulating Self-Reactive Immune Responses in Autoand Tumor-Immunity. William Hawse, Program in Molecular Biophysics. Structural Insights into Sir2 Enzymes. Megan Albert Healey, Cellular and Molecular Medicine. Epigenetic Silencing of **Endogenous Angiogenesis** Inhibitors in Melanoma. Geoffrey Graham Hesketh, Biological Chemistry. Cellular and Molecular Mechanisms of GAP Junction Traffic in the Heart. Kristi Anne Hohenstein, Human Genetics. Dissecting Cell Fate Decisions in Human Embryonic Stem Cells. Tammy Marie Holm, Human Genetics. Non-canonical TGF-beta Signaling in the Pathogenesis of Marfan Syndrome. Michael Patrick Housley, Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. A PGC-1 alpha:O-GlcNAc Transferase Complex Regulates the Transcription Factor FoxO in Response

to Glucose.

Chuan-Hsiang Huang, Molecular Biology and Genetics-Program in Immunology. Insights into Oncogenic PIK3CA Mutations from a Human PI3K-ALPHA Structure. Hun-Way Hwang, Human Genetics. Dynamic Regulation of MicroRNAs by Post-Transcriptional Mechanisms. Yuchen Jiao, Biological Chemistry. Molecular Genetics of Sugar Sensation in Drosophila. Xiao Jie, Biomedical Engineering. Genesis of Arrhythmias in Acute Regional Ischemia. Bilal Ersen Kerman, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Formation and Maintenance of Epithelial Tubes: From Mechanics to Cell Death. Ae Ryon Kim, Molecular Biology and Genetics-Program in Immunology. A Cell Free Antigen Processing System Provides Insights to the Mechanism of Immunodominance. Jared Randall Kohler, Human Genetics. Development and Application of Computational Tools to Simutaneously Discover and Test Deletions for Disease Association in SNP Genotyping Studies. Jee-Hyun Kong, Neuroscience. Comparative Studies of Efferent Cholinergic Inhibition in Cochlear Inner and Outer Hair Cell. Kristina Vladimir Krasnov, Cellular and Molecular Medicine. Functional Studies of Rare CFTR Missense **Mutations** Facilitate Interpretation of Genotype-Phenotype Relationships.

Bennett Allan Landman. Biomedical Engineering. Diffusion Imaging of the In Vivo Spinal Cord and Cerebellum: Optimization, Representation, and Analysis of Diffusion Weighted MRI. Aaron Matthew LeBeau, Pharmacology and Molecular Sciences. The Rational Design of Peptidvl Based Inhibitors of Prostate-Specific Antigen. Colleen Mulvey Lemmon, Pathobiology. Molecular Pathways Linked to Altered Fatty Acid Metabolism in Cancer Cells. Davinna Ligons, Cellular and Molecular Medicine. A Locus on Murine Chromosome 1 Modulates Susceptibility to **Experimental** Autoimmune Myocarditis. Yu-Yi Lin, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Functional Dissection of the Essential Nucleosome Acetyltransferase of H4 (Nua4) Complex with Genomics and Proteomics Approaches. Megan Elizabeth Lindsay, Cellular and Molecular Medicine, Novel Proteins and Novel Functions: Probing the Unusual Mitochondrial Biology of Trypanosomes. Yen-Chun Liu, Pathobiology. MYC Regulation of Nucleotide Metabolism. Christopher Matthew Long, Biomedical Engineering. The Use of Magnetovaccination and Magnetic Resonance Imaging for Investigating Cancer Vaccine Dynamics. Dengke K. Ma, Neuroscience. Molecular Regulation of Neural Stem Cells and Activity-Dependent Neurogenesis in the Adult Brain.

Mary Margot Catherine Maleckar, *Biomedical Engineering*. The Role of Tissue Heterogeneities in Myocardial Excitation and Propagation.

- Kathryn Erin McDougal, *Human Genetics*. Genetic Modifiers of Inflammation in Pulmonary Disease.
- Winnette McIntosh Ambrose, Biomedical Engineering. Investigating Biomaterials-Based Strategies for Ocular Surface Reconstruction. Iason Scott McLellan,

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Simon Amadeus Messing, Biocbemistry, Cellular aud Molecular Biology Training Program-Biophysics and Biophysical Chemistry. Structure and Function of the RNA Pyrophosphohydrolase BdRppH and the 9-cis-epoxy Carotenoid Dioxygenase VP14.

Meredith Boyle Metzger, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Protein Quality Control in the Endoplasmic Reticulum and Cytosol. Ronald Alan Miller II, Human

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Kedar Narayan, Molecular Biology and Genetics-Program in Immunology. A Study of the Roles of a Conserved Histidine on HLA-DR1 in Antigen Processing and Bacterial Pathogenesis. Anne Norris, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Role of the LRS Nucleosome Surface in Telomeric Silencing. Matthew C. O'Neill, Functional Anatomy and Evolution. The Structural Basis of Locomotor Cost: Gait, Mechanics and Limb Design in Ringtailed Lemurs (Lemm' catta). Eunhye Park, Cellular and Molecular Medicine. Physical and Functional Interaction Between Sindbis Virus and Neurons: nsP3 Macro Domain, PARP-1 and NF-kappaB. Joon Tae Park, Pathobiology. Notch3 Signaling in Ovarian Cancer. Harshan R. Pisharath, Cellular and Molecular Medicine. Characterizing Endocrine Progenitors in Developing and Regenerating Zebrafish Pancreas. Maria Alexandrovn Pletneva, Cellular and Molecular Medicine. Characterization of Interferon-Producing Killer Dendritic Cells in a Setting of Viral Infection. Rishi Harish Porecha, Biochemistry, Cellular and Molecular Biology Training Program-Pbarmacology and Molecular Sciences. Uracil DNA Glycosylase Uses DNA Hopping and Short-Range Sliding to Trap Transient Extrahelical Uracils.

Robert Jeffrey Prill, Biomedical Engineering. Data-Driven Modeling of Large-Scale **Biological Regulatory** Networks. Simil Lakshini Raghavan, Biomedical Engineering. The Effects of Auditory Deprivation in a Vocal Primate Model. Carlo Rago, Cellular and Molecular Medicine. Tools for Cancer Drug Discovery. Fatemeh Rajaii, Neuroscience. Retinoic Acid Functions in the Proliferation, Survival, and Cell Fate Specification of Progenitors in the Developing Telencephalon. Yunzhao Ren, Biochemistry, Cellular and Molecular Biology Training Program-Pharmacology and Molecular Sciences. Identification and Mechanistic Deconvolution of Inhibitors of T Cell **Receptor Signaling Pathway** from the Johns Hopkins Drug Library. Leslie Ann Rivera-Rosado, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Study of the Molecular Mechanisms by which Alpha4 Beta1 Integrin Promotes Cell Migration. Jesse Worth Rowley, Molecular Biology and Genetics-Program in Immunology. Characterization of the Trans and Cis Presentation Functions of IL-15 Receptor Alpha on Tumor Cells and T Cells. Srivatsun Sadagopan, Neuroscience. Feedforward Processing of Sounds in the Primary Auditory Cortex. Ahmad Reza Sedaghat, Cellular and Molecular Medicine. Understanding CD4+T Cell Dynamics in HIV-I Infection.

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Tanya Marie Teslovich, *Human Genetics*. A Likelihood-Based Method for Whole-Genome Association Testing of Case-Control and Trio Data.Pramodsingh Hirasingh

Thakur, *Biomedical Eugineering*. Linear and Nonlinear Processing of the 2-D Shape in the Somatosensory Cortex.

Kathryn Elizabeth Tifft, Biochemistry, Cellular and Molecular Biology Training Prograin-Cell Biology. Signaling Roles for Emerin at the Nuclear Inner Membrane. Eric Clifford Tuday, Biomedical Engineering. Effects of Microgravity Exposure on Arterial Vascular Stiffness. Jennifer Nichole Uram, Molecular Biology and Genetics-Program in Immunology. Non-Dominant CD8 T Cell Repertoire: Active Players or Bystanders in Anti-Tumor Immunity? Ling Wang, Pharmacology and Molecular Sciences. Mechanistic and Structural Studies on p300/CBP Transcriptional Coactivator. Zihao Wang, Biological Chemistry. Glycomic Approaches to Study Post-Translational Modification by O-linked Beta-N-Acetylglucosamine (O-GlcNAc). Sasrutha Rasika Wickramasinghe, Neuroscience. The Role of Neurotrophin-Dependent Gene Expression in the Developing Somatosensory Nervous System. Laura DeLong Wood, Cellular and Molecular Medicine. The Genomic Landscapes of Human Cancer. Sheng Xu, Biomedical Engineering. Spatial Representation in Auditory Cortex of Marmoset Monkey. Robert Mace Yarrington, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Synthetic and **Biochemical Studies of** Retrotransposon Ty1.

Melinda Sue Yates, Pharmacology and Molecular Sciences. Targeting Nrf2 Signaling for Cancer Chemoprevention Using Synthetic Triterpenoids. Yong Zhang, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Genetic and Biochemical Characterization of the TSC-Rheb-TOR Signaling Pathway in Drosophila. Binquan Zhuang, Neuroscience. Retinoic Acid Signaling in the Development of Spinal Motor Neurons. Jennifer Lynn Ziskin, Neuroscience. Synaptic Communication Between Axons and Glial Cells in White Matter. David Matthew Zuckerman, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Characterization and Functional Analysis of Palmitovlation of the Beta-1 Adrenergic Receptor. Margaret Louise Zupancic, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Ligand Specificity of Candida glabrata Adhesins.

#### Doctors of Philosophy

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

Katherine Araminta Acton, Civil Engineering. Modeling Elasto-Plastic Composite Material Behavior by Meso-Scale Homogenization. Christina Santos Alves, Chemical and Biomolecular Engineering. Fibrin(ogen) is a CD44 Ligand on Colon Carcinoma Cells: Biochemcial and Biovphysical Characterization, Growth Factors Involvement, and Diagnostic Applications. Alexandros Batsakis, Computer Science. Improving the Performance on Network File Systems through Memory Optimizations. Elizabeth Anne Beer, Applied Mathematics and Statistics. Latent Position Random Graphs: Theory, Inference, and Applications. Cody Joel Brownell, Mechanical Engineering. Quantitative Imaging of Multi-species Fluid Mixing in Turbulent Flows. Daniel Timothy Butler Jr., Mechanical Engineering. Microsample Testing of Alloys Proposed for High Temperature Gas Turbine Applications. Marcelo Chamecki, Geography and Environmental Engineering. Large Eddy

and Environmental Engineering. Large Eddy Simulation of Atmospheric Boundary Layer Flows and Application to Pollen Dispersal. Wilbur Edmund Channels, Electrical and Computer Engineering. Computer Simulations of Mitotic Spindle Formation. Yiming Chen, Chemical and Biomolecular Engineering. Thermodynamics of Lattice Fluids: Theory and Simulation. Yuan Chen, Computer Science. Techniques for 3D Scalar and Vector Field Visualization with Error Evaluation. Edward Tze Chow Choi, Electrical and Computer Engineering. Computer Simulations of Mitotic Spindle Formation. Scott Eric Coull, Computer Science. Methods for Evaluating the Privacy of Anonymized Network Data. Jia Cui, Computer Science. Integrating Linguistic and Statistical Knowledge in Language Modeling. Mohan Bahadur Dangi, Geography and Environmental Engineering. Solid Waste Management in Kathmandu, Nepal: The Anatomy of Persistent Failure. Brian Richard Daniels. Chemical and Biomolecular Engineering. The Biophysics of Germline Determination in the C. elegans Early Embryo. Ndubuisi John Ekekwe, Electrical and Computer Engineering. Reconfigurable Application-Specific Instrumentation and Control Integrated Systems. Abdel-Monem Mohamed El-Sharkawy, Electrical and Computer Engineering. Thermometry and Magnetic Resonance Imaging. Iman Abd-El Rahman El-Shehaby, Electrical and Computer Engineering. Local Computation and Estimation of Wavelet Coefficients in the Dual-tree Complex Wavelet Transform and its Applications. Gregory Scott Fischer, Mechanical Engineering. Enabling Technologies for MRI Guided Interventional Procedures.

Erin Colleen Fitzgerald, Electrical and Computer Engineering. Reconstructing Spontaneous Speech.

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*Eugineering*. Vision-Based Control on Lie Groups with Application to Needle Steering.

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Kiju Lee, Mechanical Engmeering. Robots that Duplicate Themselves: Theoretical Principles and Experiments.

Timothy Gar-Ming Leong, Chemical and Biomolecular Engineering. 3D Patterned Self-Assembling Unterhered Microdevices. Eric P. Lewandowski, Chemical and Biomolecular Engineering. Orientation and Assembly of Complex Shaped Particles at Fluid Interfaces. Jun Li, Geography and Environmental Engineering. Molecular Mechanisms of Behavioral Responses in Sbewanella oneidensis MR-1 Xue Lin, Applied Mathematics and Statistics. Rank-based Methods for Statistical Analysis of Gene Expression Microarray Data. Jin Liu, Mechanical Engineering. Multi-scale Simulation on Micro/nano Flows and Granular Flows. Xingvu Liu, Materials Science and Engineering. Surface Presentation of Biochemical Cues for Stem Cell Expansion-Impact of Spatial Distribution of Growth Factors and Self-assembly of Extracellular Matrix. Brian Spencer Majors, Chemical and Biomolecular Engineering. Cellular Engineering Strategies for Improvement of Mammalian Cell Phenotypes in Commercial Applications. Jesse Charles Margiotta, Materials Science and Engineering. Study of Silicon Carbide Formation by Liquid Silicon Infiltration of Porous Carbon Structures. Stephen Christopher Martin, Mechanical Engineering. Advances in Six Degree of Freedom Dynamics and Control of Underwater Vehicles.

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Kevin Cua See, Materials Science and Engineering. Organic Semiconductors and Devices: Novel N-Channel Materials and Applications in Chemical Sensing.

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Wenjie Song, Geography and Environmental Engineering. A Novel Statistical Approach for Sigma 28 Promoter Prediction in Eubacteria.

Yi Su, *Electrical and Computer Engineering.* Knowledge Integration into Language Models: A Random Forest Approach.

Olivia Shera Sun, Mechanical Engineering. Analysis of Subgrid-scale Modeling Approaches for Large-eddy Simulation of Turbulent Mixing in Spatially Developing Round Jets.

Melissa Suzanne Thompson, *Chemical and Biomolecular Engineering.* Ovarian Cancer Dynamics: Molecular Pathology, The Rho GTPases, and Cytoskeletal Dynamics.

Mazdak P. Tootkaboni, *Civil Engineering*. Stochastic Modeling of Structural Behavior Stability, Effective Properties and Dynamic Response.

Roy Wesley Tromble, *Computer Science*. Search and Learning for the Linear Ordering Problem with an Application to Machine Translation.

Lawton Northwood Verner, Mechanical Engineering. Sensor/Actuator Asymmetries in Telemanipulators. Minping Wan, Mechanical Engineering. On the Lagrangian Study of the Turbulent Energy and Circulation Cascades. Zuoli Xiao, Mechanical Engineering. Multi-scale Dynamics and Subgrid-scale Modeling of Turbulence in Two and Three Dimensions. Xugang Ye, Applied Mathematics and Statistics. Random Disambiguation Paths: Models, Algorithms, and Analysis. Quan Zhang, Mechanical Engineering. Flow of Nonuniform Supsensions. Zhaonian Zhang, Electrical and Computer Engineering. A Micro-Doppler Sonar for Acoustic Surveillance in

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Sensor Networks.

### The Zanvyl Kreiger School of Arts and Sciences

Ciby Joseph Abraham, Chemistry. Catalytic, Enantioselective Bifunctional [4 + 2]-Inverse Electron Demand Hetero-Diels-Alder Reactions of Chiral Ketene Enolates and o-Benzoquinone Derivatives. Susama Agarwala, Mathematics. The Geometry of Renormalization. Raquel Anido, German and Romance Languages and Literatures. Fibrin(ogen) is a CD44 Ligand on Colon Carcinoma Cells: **Biochemcial and Bioyphysical** Characterization, Growth Factors Involvement, and Diagnostic Applications. Elif Ceren Arbatli, Economics. Persistence of Income Shocks and the International Model of the Current Account.

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Samantha Osborne Arnett,

Chemistry. Investigation of

the Catalytic Mechanisms

of CarB and CPS, the First

Two Essential Enzymes in

Alison Beth Calhoun, German and Romance Languages and Literatures. A Transverse Self: Montaigne and his Philosophers. Carlos A. Castañeda, Biophysics. Determinants of Electrostatic Energies and pKa Values in Proteins. Yifei Chen, Mathematics. Strong Rational Connectedness of Toric Varieties. Gia-Wei Chern, Physics and Astronomy. Magnetic Ordering in Frustrated Antiferromagnets on the Pyrochlore Lattice. Michael Sandro Chimenti, Biophysics. Structural and Dynamic Consequences of the Ionization of Internal Ionizable Group sin Staphylococcal Nuclease. Manuel Jesús Colás-Gil, German and Romance Languages and Literatures. Cervantes' Representations of Delinquency: Don Quijote (I&II) and the Novelas ejemplares. Katherine Diana Cygnar, Biology. Regulation of Olfactory Signal Transduction: Roles of Phosphodiesterases and Calcium/Calmodulin Desensitization of the Cyclic Nucleotide Gated Channel. Michael Douglas Daily, Biophysics. Systematic Analysis of Motions and Communication Networks in a Benchmark of Allosteric Proteins. Banchiamlack G. Dessalegn, Cognitive Science. A Vision of Language: The Mechanism, Development, and Consequence of an Interaction Between Language and Cajetan. Idokpesi Dogo-Isonagie, Chemistry. Asymmetric Reactions of Catalytically Generated Ketene Enolates with Halogenating Agents and o-Benzoquinone Imides.

Daniel Christopher Ducat, Biology. The Related AAA+ Proteins, Pontin, and Reptin, Function in Mitosis to **Regulate Spindle Assembly** and Polar Organization. Crystal Leah Dusich, Chemistry. Imaging Prostate Cancer: Design, Synthesis and **Biological Evaluation of Optical and Radioactive** Prostate-Specific Membrane Antigen (PSMA) Inhibitors. Alexandra Zaide Ebie Tan, Biology. Understanding the Forces that Mediate Quaternary Interactions in Membrane Proteins. Yasmin Mohamed El Shazly, Near Eastern Studies. Royal Ancestor Worship in the

Village of Deir el Medina. Edward James Felton, Physics and Astronomy. Applications of Magnetic Structures to Cell Patterning and Heterotypic Cell-Cell Interactions.

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of Chemical Bonds from the Visible Light Sensitized Oxidation of Iodide and Water.

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Michael Ionathan Harms. Biophysics. Molecular Determinants of pKa Values of Internal Ionizable Groups in Staphylococcal Nuclease.

Hamid Hezari, Mathematics. Eigenvalues and Eigenfunctions of Schrödinger **Operators:** Inverse Spectral Theory; and the Zeros of Eigenfunctions.

Michael Robert Hicks, Philosophy. The Environment Dependence of Thought.

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Jennifer Lynne Kimpton, Near Eastern Studies. The Egyptian Manuscripts of Jean-Baptiste Adanson at the Johns Hopkins University: Hieroglyphs and Antiquities Through the Eyes of an Eighteenth Century Dragoman. Jeffrey Clark Klein, Biology. HIV-1 gp120: A Novel, Large-Scale Purification Technique and Thermodynamic Characterization of the Binding of Two Small-Molecule Inhibitors. Joel Israel Kramer, Mathematics. Embedded Minimal Spheres in 3-Manifolds. Thomas Andrew Kramer, Physics and Astronomy. Partially Composite Particle Physics With and Without Supersymmetry. Michael Peter Lanci, Chemistry. Activation of Dioxygen at Transition Metal Centers: Fundamental Investigations of the Heavy Atom Isotope and Its Applications. Clayton Paul Lapointe, Physics and Astronomy. Elastic Interactions and Manipulation of Wire-Shaped Inclusions in Nematic Liquid Crystals. Carly Jean Leonard, Psychological and Brain Sciences. Capacity Limits and the Attentional Blink. Yaohua Liu, Physics and

Astronomy. Microstructural Studies of Organic Spin Valves and Superconducting Vortex Ratchets.

Heather Renee Lucas, Chemistry. Ligand Influences on the Photoinitiated Binding of Small Molecules (CO, O2, NO) to Synthetic Copper and Heme-Copper Complex Systems.

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Leslie Anne Machado, Chemistry. Characterization and Investigation of 4-Hydoxyestrogen-Guanine Adducts as Potential Biomarkers of Breast Cancer.

Jean-Marie Nora Maddux, Psychological and Brain Sciences. The Roles of Rat Medial Prefrontal Cortex Subregions in Attention for Action and Attention for Learning.

William Anthony Maio, Chemistry. Inventing New Synthetic Ring Enlargement Methods and Exploring the Use of Novel Trioxanes for the Treatment of Malaria.

Debabrata Maiti, Chemistry. Oxidative Reactivity Synthetic Reduced Copper Complexes.

Michael Andrew McDannald, Psychological and Brain Sciences. The Behavioral and Neural Mechanisms Underlying Conditioned Suppression.

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Pavese's Tra donne.

Isabelle Monette, German and Romance Languages and Literatures. Love in the Encyclopédie. Rebecca Lynn Morley, Cognitive Science. Generalization, Lexical Statistics, and Typologically

Rare Systems. Sameena Abdus-Sattar Mulla, Anthropology. The Institutionalization of Suffering: Time and Technique in Legal and

Medical Sexual Assault Interventions in Baltimore, MD.

Jonathan Reid Mumford, Physics and Astronomy. Measurement of Lambda-b lifetime in Lambda-b to Lambda-c Pi decays at the Collider Detector at Fermilab.

Kendrah Dawn Murphy, Physics and Astronomy. From Horizon to Torus: Uncovering Supermassive Black Hole Systems.

Frances Namuswe, Chemistry. Synthesis Characterization and Reacitivity of (N,S) M(II) Complexes that Model the Active Sites of Peptide Deformylase and Superoxide Reductase.

Gretchen Elizabeth Nelson, Biology. Characterization of VACV Entry-Fusion Proteins A28 and H2.

Boris Ivanov Nikolov, Anthropology. Care of the Poor and Ecclesiastical Government: An Ethnography of the Social Services of the Coptic Orthodox Church in Cagla. Diner Ozgur, Sociology. Economic Decision-Making

in Turkey: Financialization and the Experts. Youngsup Park, Philosophy. On

Fodor's Concept Nativism.

Temporal Magma Dynamics During Solidification of the Mafic-Silicic Complex of isle au haut. Maine. Kimberly Sue Petersen, Chemistry. Studies in Organic Synthesis: Design, Synthesis and biological Evaluation of Novel 10,25-Dihydroxyvitamin D<sub>3</sub> Analogs and Asymmetric, Organocatalytic, 3-Step Synthesis of y-Hydroxy-(E)- $\alpha,\beta$ -Unsaturated Sulfones and Esters. Justin Roberts, History. Sunup to Sundown: Plantation **Management Strategies** and Slave Work Routines in Barbados, Jamaica and Virginia, c1776-1810. Jessica Choppin Roney, History. First Movers in **Every Useful Undertaking:** Voluntary Associations in Colonial Philadelphia, 1725-1775. Lynette M. Roth, History of Art. The Cologne **Progressives:** Political Painting in Weimar Germany. Michael Paul Saddoris, Psychological and Brain Sciences. Complementary Roles for Gustatory Cortex and Basolateral Amygdala

Kaustubh Ravindra Patwardhan,

Earth and Planetary Sciences.

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Outcome Representations. Motoe Sasaki-Gayle, History. Entangled with Empire: American Women and the Creation of the 'New Woman' in China, 1898-1937.

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Diane Ming Wong, *Chemistry*. Spectroscopic Studies of Explosives, Transient Intermediates and Other Organics Using Cavity Ring-Down and Laser Induced Breakdown Spectroscopy.

Jun Wu, *Earth and Planetary Science*. Transmission Electron Microscopy Investigation of Microstructures in Phase-Transformed Alkali Feldspars. Guoqiang Xia, *Physics and Astronomy*. Electronic Properties of Carbon-based

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Spaces.

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