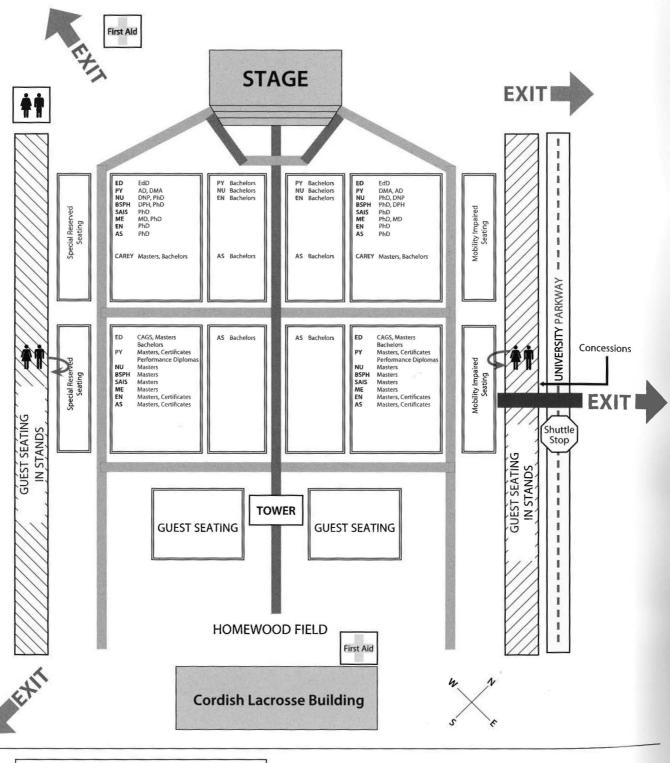
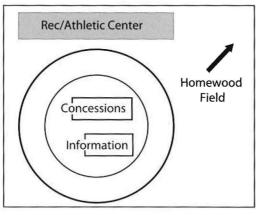


Conferring of degrees at the close of the 136th academic year

THE JOHNS HOPKINS UNIVERSITY

May 24, 2012 8:40 a.m.





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

Photos of graduates can be purchased from GradImages*: gradimages.com or (800) 261-2576. DVDs can be purchased from GradMemory: gradmemory.com or (866) 977-GRAD.

The Johns Hopkins University is strongly committed to protecting the environment and practicing sustainability at all of our campuses. Today is no exception. We are proud to announce that this ceremony is JHU's first carbon neutral and zero waste commencement! By using plant-based biodiesel to power the equipment on Homewood Field, we are avoiding fossil fuels and the associated impact on climate change. And since all the waste will be composted or recycled, it will go to productive reuse instead of being incinerated. We are also highlighting our sustainability principles during Commencement in other ways. This program is printed on post-consumer recycled-content paper; one of our electric vehicles is energized by student power; our caterers are local and specialize in green practices and most information was posted on the Internet to cut down on printed materials. We invite you to join our efforts to be sustainable by placing your bottles and cans in the green bin and all your food and paper waste in the yellow bin.

ORDER OF CANDIDATE PROCESSION

Bachelors - Peabody

Bachelors - Nursing

Bachelors - Engineering

Bachelors - Arts and Sciences

Doctors of Education - Education

Artist Diplomas and Doctors of Musical Arts - Peabody

Doctors of Nursing Practice and Doctors of Philosophy - Nursing

Doctors of Public Health and Doctors of Philosophy - Public Health

Doctors of Philosophy - Advanced International Studies

Doctors of Medicine and Doctors of Philosophy - Medicine

Doctors of Philosophy - Engineering

Doctors of Philosophy - Arts and Sciences

Masters, Certificates and Bachelors - Business

Masters, Certificates and Bachelors - Education

Performance Diplomas and Masters - Peabody

Masters - Nursing

Masters - Public Health

Masters - Advanced International Studies

Masters - Medicine

Masters and Certificates - Engineering

Masters and Certificates - Arts and Sciences

ORDER OF PROCESSION

Marshals for the Graduates

Andreas Andreou Ruth Aranow Doug Barrick Eric Beatty Anne Benner Lori Brady Adriene Breckenridge Kathleen Bruffett Katherine Cruit Tristan Davies Fay Day G. Reza Djavanshir Jaafar El-Awady Irene Ferguson Daniel Ferrara **Emily Fisher**

Dennice Gayme Andrea Carlson Gielen Eduardo Gonzalez Margarita Herrera-Alonso Robert Horner Shawn Johnson Thomas Koenig Scott Metcalfe Tobie Meyer-Fong Brent Mosser Timothy Mueller Marc Ostermeier Rebecca Pearlman Camille Pecastaing Stephen Plank Elizabeth A. Platz

Linda Pressley Joshua J. Reiter Daniel Robinson Jane Rhyner Karin Sandmel Christine Savage Robert Shochet William Smedick Kay Smith Ellen Snydman Marc Stein Laura Taylor David Verrier Nicole Warren Susan Weiss Beverly Wendland

The Graduates

Marshals for the Faculties
Barbara Landau and Scott Zeger

The Faculties

Marshals for the Principals

Caroline Laguerre-Brown and Stephanie Reel

Officers of the University

The Trustees

Members of the Senior Class Council

Student Chairs of the Hopkins Fund

Readers for Presentation of Degree Candidates
Susan Boswell
Andrew Douglas
Karen Fleming
James Fry
Daniel Horn
Dorothy Sheppard
Janet Weise
Erin Yun

Handshakers
Sarah Clever
Steven David
Kevin Frick
Cheryl Holcomb-McCoy
Pamela Jeffries
Mellasenah Morris
Edward Scheinerman
Kellee Tsai

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

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

ORDER OF EVENTS

Ronald J. Daniels

President of the University, presiding

PRELUDE

The Archipelago Project

PROCESSION

The Archipelago Project

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

INVOCATION

Kathy Schnurr University Associate Chaplain

THE NATIONAL ANTHEM OF THE UNITED STATES OF AMERICA

Performed by Abigail Leah Seaman, Peabody Class of 2012

GREETINGS

Pamela P. Flaherty

Chair of the Board of Trustees

GREETINGS

Raymond Snow

President of

The Johns Hopkins Alumni Association

REMARKS

Ronald J. Daniels

President of the University

MESSAGE FROM

Daw Aung San Suu Kyi Chairperson of the National League for Democracy of Burma

Conferring of Honorary Degrees

Daw Aung San Suu Kyi Rita R. Colwell Stephen H. Lewis John C. Malone Samuel J. Palmisano Amartya Sen

REMARKS

Lucas Sand
President, Class of 2012

Announcement of Awards

Lucas Sand, President, Class of 2012 and Raymond Snow, President of The Johns Hopkins Alumni Association

COMMENCEMENT CEREMONY ADDRESS

Samuel J. Palmisano Chairman of the Board, IBM

Presentation of Senior Class Gift

Presented by Erin Reilly and Brian Shell,

Gift Chairs, Class of 2012

Presented to Ronald J. Daniels, President of the University

Conferring of Degrees on Candidates

Doctor of Education

PRESENTED BY
David W. Andrews
Dean, School of Education

Artist Diplomas

Doctors of Musical Arts

PRESENTED BY

Jeffrey Sharkey

Director, The Peabody Institute

Doctors of Nursing Practice

Doctors of Philosophy

PRESENTED BY
Martha N. Hill

Dean, School of Nursing

Doctors of Public Health
Doctors of Philosophy

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

Doctors of Philosophy

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

Doctors of Medicine
Doctors of Philosophy

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

Doctors of Philosophy

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

Doctors of Philosophy

PRESENTED BY

Katherine S. Newman

James B. Knapp Dean

James B. Knapp Dean

Zanvyl Krieger School of Arts and Sciences

Masters of Science

Masters of Business Administration

Graduate Certificates

Bachelors of Science

Carey Business School

Certificates of Advanced Graduate Study

Post-Master's Certificates

Masters of Science

Masters of Arts in Teaching

Graduate Certificates

Bachelors of Science

School of Education

Graduate Performance Diplomas

Masters of Music

Masters of Arts

The Peabody Institute

CONFERRING OF DEGREES ON CANDIDATES (CONTINUED)

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

Masters of Science

Masters of Science in Public Health

Masters of Health Science

Masters of Health Administration

Masters of Public Health

Bloomberg School of Public Health

Masters of Arts

Masters of Arts in International Affairs

Masters of International Public Policy

Paul H. Nitze School of Advanced International Studies

Masters of Science

Masters of Arts

School of Medicine

Post-Master's Advanced Certificates

Masters of Science in Engineering in Bioengineering

Innovation and Design

Masters of Science in Engineering in Financial Mathematics

Masters of Science

Masters of Science in Engineering Management

Masters of Civil Engineering

Masters of Environmental Engineering

Masters of Materials Science and Engineering

Masters of Mechanical Engineering

Masters of Arts

Graduate Certificates

G.W.C. Whiting School of Engineering

Masters of Science Masters of Science in Bioinformatics Masters of Science in Bioscience Regulatory Affairs Masters of Science in Biotechnology Masters of Science in Energy Policy and Climate Masters of Science in Environmental Sciences and Policy Masters of Fine Arts Masters of Arts Masters of Arts in Applied Economics Masters of Arts in Communication Masters of Arts in Global Security Studies Masters of Arts in Government Master of Arts in Museum Studies Master of Arts in Public Management Masters of Arts in Writing Masters of Liberal Arts

Masters of Science in Biotechnology/Masters of Business Administration
Masters of Arts in Communication/Masters of Business Administration
Masters of Arts in Government/Masters of Business Administration
Certificate of Advanced Graduate Study in Liberal Arts
Certificates in Biotechnology Enterprise
Certificates in National Security Studies
Graduate Certificates in Geographic Information Systems
Zanvyl Krieger School of Arts and Sciences

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

Bachelors of Music

PRESENTED BY

Jeffrey Sharkey

Director, The Peabody Institute

Bachelors of Science

PRESENTED BY

Martha N. Hill

Dean, School of Nursing

Bachelors of Science in Applied Mathematics and Statistics
Bachelors of Science in Biomedical Engineering
Bachelors of Science in Chemical and Biomolecular Engineering
Bachelors of Science in Civil Engineering
Bachelors of Science in Computer Engineering
Bachelors of Science in Computer Science
Bachelors of Science in Electrical Engineering
Bachelors of Science in Engineering Mechanics
Bachelors of Science in Environmental Engineering
Bachelors of Science in Materials Science and Engineering
Bachelors of Science in Mechanical Engineering
Bachelors of Arts in Applied Mathematics and Statistics

Bachelors of Arts in Applied Mathematics and Statistics
Bachelor of Arts in Biomedical Engineering
Bachelors of Arts in Computer Science
Bachelor of Arts in Geography

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

Bachelors of Science in Molecular and Cellular Biology

Bachelors of Science in Physics

Bachelors of Arts

PRESENTED BY

Katherine S. Newman

James B. Knapp Dean

Zanvyl Krieger School of Arts and Sciences

THE JOHNS HOPKINS UNIVERSITY MOTTO

Veritas vos liberabit

RECESSIONAL

The audience is requested to remain standing until the principals, officials, members of the faculties and the graduates have left the area. The graduate marshals will lead the bachelor's candidates to Gilman Hall on Keyser Quadrangle to pick up their diplomas.

The doctoral and master's graduates will be led back to the Newton H. White Athletic Center.

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

Light refreshments will be served.

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

THE JOHNS HOPKINS SOCIETY OF SCHOLARS

The Society of Scholars was created on the recommendation of then president Milton S. Eisenhower and approved by the university board of trustees on May 1, 1967. The society—the first of its kind in the nation—inducts former postdoctoral fellows, postdoctoral degree recipients, house staff and junior or visiting faculty who have served at least a year at 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 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 an annual induction ceremony. At that time, they are presented with a certificate and a medallion on a black and gold ribbon.

There are currently 579 members in the Johns Hopkins Society of Scholars.

The following listing of the Society of Scholars members elected in 2012 is accompanied by a short description of their accomplishments at the time of their election to the society.

Timothy G. Buchman Atlanta, Georgia

Dr. Buchman is widely recognized as a leading authority in critical care, with research spanning the bench-to-bedside continuum and including studies of multiple organ dysfunction syndrome, genetics of sepsis and end-of-life care. He has recently expanded his research to apply systems biology to critical care and clinical medicine. A professor of surgery and anesthesiology at the Emory University School of Medicine, he is the founding director of the Emory Center for Critical Care, the first of its kind in the nation. Dr. Buchman is president of the Shock Society and past president of the Society for Complexity in Acute Illness and the Society of Critical Care Medicine. Before joining Emory, he served as professor of surgery and director of acute and critical care surgery at Washington University School of Medicine in St. Louis. Prior to his time at Washington University, Dr. Buchman directed the surgical intensive care unit and the trauma center at The Johns Hopkins Hospital, where he was an intern and assistant resident from 1980 to 1983 and chief resident in the Department of Surgery from 1984 to 1985.

Daniel Garber Princeton, New Jersey

Dr. Garber is one of the foremost scholars of early modern philosophy and science. His significant contributions have helped create a thriving community of early modern philosophy academics on both sides of the Atlantic. A member of the American Academy of Arts and Sciences, he is the Stuart Professor of Philosophy and chair of the Department of Philosophy at Princeton University. Dr. Garber was a visiting assistant professor at Johns Hopkins from 1980 to 1981, after which he published a series of groundbreaking articles and books on the physics of Descartes and Leibniz. His academic research combines historical precision with philosophical rigor in a manner that is second to none, and he is currently working on a variety of topics, including the scientific revolution and 17th-century Aristotelianism in France. Dr. Garber is the founder and co-editor of the leading journal Oxford Studies in Early Modern Philosophy and the editor-in-chief of a new edition of the works of the seminal 17th-century thinker Jacobus Fontialis.

James E.K. Hildreth Davis, California

Dr. Hildreth is a pre-eminent AIDS researcher, academic and mentor whose groundbreaking work has led to new therapeutic/preventive directions, including candidate microbiocides for clinical development. A Rhodes Scholar, he completed postdoctoral work in the Johns Hopkins Department of Pharmacology and Experimental Therapeutics in 1984 and then became a member of the faculty, achieving the rank of professor in 2002. While at Johns Hopkins, he was also the School of Medicine's inaugural associate dean for graduate student affairs. In 2005, Dr. Hildreth joined the faculty at Meharry Medical College, where he founded the Center for HIV and AIDS Health Disparities Research. In 2011, he was selected as dean of the College of Biological Sciences at the University of California, Davis, with appointments in the college's departments of Molecular and Cell Biology and of Internal Medicine. He has been widely recognized for his contributions to serving the health care needs of underserved and underrepresented populations, including being elected to membership in the Institute of Medicine and being named the recipient of a 2011 NIH Pioneer Award.

Alan F. Karr Research Triangle Park, North Carolina

Dr. Karr is an innovative and cross-disciplinary thinker, engaging in research that links the field of statistics to materials science, software engineering and transportation. He helped found the National Institute of Statistical Sciences in 1992 and has been its director since 2000. In this role, he manages one of the world's most important statistics research organizations. Dr. Karr is an intellectual leader in the area of inference for point processes, notably for his work generalizing Cox regression, and he co-authored the first paper that demonstrated how to determine whether two neurons were being stimulated by a common source. In 1984, Dr. Karr was elected a fellow of the Institute of Mathematical Statistics for groundbreaking work in stochastic processes. In 1997, he was named a fellow of the American Statistical Association in recognition of his achievements and for outstanding service to the statistics profession. At Johns Hopkins, he joined the Whiting School of Engineering's Department of Mathematical Sciences in 1973 and achieved the rank of full professor in 1983. He chaired the department from 1985 to 1986 and then served as an associate dean in the school until 1992.

Christoph Lengauer Cambridge, Massachusetts

Dr. Lengauer has risen to the top of his profession—cancer drug discovery—at a meteoric pace. He was a postdoctoral fellow in oncology at Johns Hopkins from 1994 to 1996 and then joined the faculty, subsequently becoming an associate professor of oncology; he also directed the Cell Imaging Core Facility at the Sidney Kimmel Comprehensive Cancer Center. In 2005, Dr. Lengauer became a unit head at the Novartis Institutes for Biomedical Research. Over the next three years, he was promoted to executive director of drug discovery at Novartis and then was named head of the company's global Oncology Target Identification and Validation group. He received the Novartis Oncology President's Award in 2007 as the top innovator in the company. Recognizing his unique talents, Sanofi recruited Dr. Lengauer to be the global head of oncology discovery, supervising the work of more than 350 scientists. Dr. Lengauer currently serves as chief scientific officer of Blueprint Medicines, a developer of state-of-the-art personalized cancer therapies. In addition to serving as consultant and adviser to international groups, Dr. Lengauer has been responsible for the development of several new chemotherapeutic agents now in clinical trials.

Vincent C. Manganiello Bethesda, Maryland

Dr. Manganiello is internationally recognized for his studies of cyclic nucleotide phosphodiesterases, a multigene family that regulates many fundamental biological processes by controlling intracellular cAMP and cGMP concentrations. He received his medical degree and a doctoral degree in physiological chemistry from Johns Hopkins and served as an intern in the Harriet Lane Pediatric Service from 1967 to 1968. In 1968, Dr. Manganiello joined the National Heart, Lung and Blood Institute, where he is chief of the Laboratory of Biochemical Physiology in the Cardiovascular and Pulmonary Branch. He has focused his research primarily on the PDE3 gene family because of its relevance to the understanding and treatment of diabetes and obesity, cardiovascular disease and female infertility.

Teri A. Manolio Bethesda, Maryland

Dr. Manolio is an accomplished cardiovascular epidemiologist with prominence as a scientist and leader at the National Institutes of Health. Among her many accomplishments, she initiated and expanded major national studies, including the Cardiovascular Health Study, Multi-Ethnic Study of Atherosclerosis, Jackson Heart Study and Framingham Study Third Generation, to incorporate state-of-the-art sciences, such as imaging of subclinical atherosclerotic disease, health disparities and genomewide linkage analyses. In 2005, Dr. Manolio moved to the National Human Genome Research Institute to integrate genomic technologies into population studies on a broader scale. She established critically needed, collaborative genomewide association studies across unrelated diseases and created guidelines for sharing genomic data widely with protections for participant confidentiality. Dr. Manolio is director of the Office of Population Genomics at NHGRI and senior adviser to the director of NHGRI for population genomics. She was a fellow in the Division of General Internal Medicine at Johns Hopkins from 1984 to 1987.

Stephen J. McPhee San Francisco, California

Dr. McPhee is a master physician, prolific researcher, leading editor of core clinical textbooks and honored mentor of researchers and medical students. A practicing physician and emeritus professor of medicine at the University of California, San Francisco, he is recognized as one of the top internists on the West Coast. He has been the principal investigator on nearly 70 grants and contracts, with a primary focus on cancer prevention; health promotion and disease prevention among Vietnamese and other Asian populations and palliative, end-of-life and geriatric care. Dr. McPhee has worked with more than 125 hospitals to establish palliative care consultation services. From 2000 to 2008, he and his colleagues at UCSF coordinated a bimonthly series titled "Perspectives on Care at the Close of Life" that appeared in the *Journal of the American Medical Association*. Dr. McPhee has served as editor for several medical textbooks and references, written more than 40 books and published more than 175 scientific articles in peer-reviewed medical literature. He received his medical degree from Johns Hopkins in 1976 and was an intern, assistant resident and fellow in the Department of Medicine from 1976 to 1980.

Iman Nuwayhid Beirut, Lebanon

Dr. Nuwayhid, professor and dean of the Faculty of Health Sciences at the American University of Beirut, is a leader in research, education and effective policy development in public health in Lebanon and the Middle East. After receiving a master's degree in occupational medicine and epidemiology from the Johns Hopkins Bloomberg School of Public Health in 1985, he returned to Lebanon, where he has become an important change agent in public health and health services. During his career, Dr. Nuwayhid has made outstanding advances in the field of occupational health research in developing countries, specifically regarding accident and injury prevention, drinking water safety and waterborne illness prevention, prevention of neurobehavioral impairment in children due to toxic occupational exposures, and pediatric and

adult lead poisoning control and prevention. Dr. Nuwayhid has led many efforts in policy development for environmental health and has inspired students and junior colleagues through his teaching and research achievements.

Paolo Pasquini Rome, Italy

Dr. Pasquini has had an illustrious career, with significant contributions to areas as diverse as infectious diseases, dermatology and psychiatry. After receiving his master's degree in public health from the Johns Hopkins Bloomberg School of Public Health in 1977, he became medical officer for the Regional Health Department in Rome. He then joined the clinical epidemiology unit at the Istituto Superiore de Sanità, Italy's national health institute. After a brief stint at the World Health Organization, he became director of research at the ISS, and subsequently assumed his current role as scientific director and director of clinical research and psychology at the Istituto Dermopatico dell'Immacolata, an institution devoted to clinical care and research in dermatology. At the IDI, Dr. Pasquini's experience in psychiatry and cognitive psychotherapy allowed him to study the epidemiology of psychiatric disorders and their relation to skin conditions. Dr. Pasquini's productivity as a researcher is reflected in his numerous articles in peer-reviewed journals. His achievements in the field of dermatology and its interface with psychiatry have included seminal studies of depression, psychological distress and borderline personality disorder.

John A. Phillips III Nashville, Tennessee

Dr. Phillips is widely recognized for his contributions to understanding the molecular mechanisms that can cause genetic developmental disabilities. For 27 years, he has led the Division of Pediatric Genetics at Vanderbilt University School of Medicine, where he is the David T. Karzon Professor of Pediatrics, with joint appointments in Biochemistry, Medicine and Pathology. Among his achievements in the use of molecular methods to discover the molecular bases of Mendelian disorders, Dr. Phillips found that familial growth hormone deficiency can result from GH1 gene deletions, a discovery that explains why affected individuals often develop anti-GH antibodies and resistance to growth hormone replacement therapy. Subsequently, he found that Isolated GHD Type II is caused by dominant negative effects of exon-skipping mutations, and that germline transmission of small interfering RNA cured a murine model of IGHD II. In familial idiopathic pulmonary fibrosis, his research uncovered mutations in the surfactant and telomerase genes. Dr. Phillips was a research fellow in the Pediatrics Genetics Unit at Johns Hopkins from 1975 to 1977, and a member of the university's faculty from 1977 to 1984.

Robert P. Schleimer Chicago, Illinois

Dr. Schleimer is acknowledged as an outstanding scientist by the clinical, academic and pharmaceutical communities. He is chief of the Division of Allergy-Immunology in the Department of Medicine, the Roy and Elaine Patterson Professor of Medicine and professor of otolaryngology—head and neck surgery at the Northwestern University Feinberg School of Medicine. From 1979 to 1981, Dr. Schleimer was a postdoctoral fellow at Johns Hopkins in the Division of Allergy and Clinical Immunology. He joined the faculty in 1981 and achieved the rank of professor of medicine before moving to Northwestern University in 2004. His long-standing research focus is on the immunopharmacology of allergic inflammation, cell adhesion, migration and, more recently, innate and acquired immune responses of the upper airways in humans. Dr. Schleimer has received NIH funding for more than 25 years, and he recently received an NIH Merit Award from the National Heart, Lung and Blood Institute. He has been a member of the scientific advisory boards of more than a dozen pharmaceutical companies and has published more than 260 papers and edited numerous books and journal supplements. He has trained more than 35 postdoctoral fellows and graduate students, with the majority becoming established investigators in academia and industry.

Achim Schneider Berlin, Germany

Dr. Schneider is among the pioneers who developed, perfected and evaluated laparoscopic techniques to assist in the treatment of gynecological cancers. He is a professor of gynecology and gynecologic oncology and chairman of the Department of Gynecology and Gynecologic Oncology and Breast Center at the Charité-University Medicine Berlin. He came to Johns Hopkins in 1985 to study human papillomaviruses and cervical cancer. During his research, he realized the importance of epidemiologic concepts in clinical investigations, and he returned to Johns Hopkins to gain expertise in epidemiology, receiving a master's degree in public health in 1989. Dr. Schneider has achieved high distinction and international recognition for his subsequent research in HPV and cervical cancer and for the development and value of laparoscopic surgery in gynecologic oncology. Dr. Schneider has published more than 113 papers and has been a visiting professor at the University of Arizona and the Barbara Jordan More Visiting Professor in Gynecologic Oncology at Memorial Sloan-Kettering Cancer Center. Currently, he is a member of the World Health Organization working group that produced the report *Comprehensive Cervical Cancer Control: A Guide to Essential Practice*.

Arjun Srinivasan Atlanta, Georgia

Dr. Srinivasan is leading the antibiotic stewardship efforts and the public campaign to improve antibiotic use with the ultimate goal of decreasing the health care burden of multidrug-resistant organisms. A captain in the U.S. Public Health Service, Dr. Srinivasan is associate director for Healthcare Associated Infection Prevention Programs in the Division of Healthcare Quality Promotion at the Centers for Disease Control and Prevention. He was an intern, resident and fellow in the Department of Medicine at Johns Hopkins from 1996 to 2001. He then served as an assistant professor of medicine in the Infectious Diseases Division, where he was the founding director of the Antimicrobial Stewardship Program and the associate hospital epidemiologist. Since joining the CDC, Dr. Srinivasan has led more than 35 investigations of outbreaks. As a result of these investigations, changes in national policy and guidelines have been implemented to prevent health care—associated infections. He provides CDC oversight and coordination of the efforts of all state health department activities related to health care—associated infections, and is the medical director for the Get Smart for Healthcare initiative, a CDC program designed to improve the use of antimicrobials in inpatient health care facilities. Dr. Srinivasan has published several articles in peer-reviewed journals on his research in health care epidemiology, infection control and antimicrobial use and resistance.

Steven L. Wesselingh Adelaide, South Australia

Dr. Wesselingh is internationally recognized as an expert in viruses that affect the human brain, and he has played a key role in demonstrating the importance of inflammatory mediators in HIV-associated dementia. He was a postdoctoral fellow and assistant professor in the Department of Neurology at Johns Hopkins from 1991 to 1994. Upon returning to Australia in 1994, Dr. Wesselingh established the Neurovirology Research Unit at Flinders and quickly became a leader in Australian academic medicine. In 1998, he was president of the Australian Society for Medical Research. In 1999, he was appointed director of the Infectious Diseases Unit at the Alfred Hospital and Monash University and subsequently became director of the Burnet Institute, Australia's largest biomedical research group specializing in infectious diseases, immunology and public health. In 2007, he became dean of the Faculty of Medicine, Nursing and Health Sciences at Monash University, and in 2011, he was appointed to his current position as executive director of the South Australian Health and Medical Research Institute.

HONORARY DEGREES

DAW AUNG SAN SUU KYI

Daw Aung San Suu Kyi is both worldwide symbol and on-the-ground leader of Burma's democracy movement; she has devoted much of her life to nonviolent opposition to an oppressive military junta. Suu Kyi was not first in her family to fight for freedom: Her father championed Burma's independence from the United Kingdom but was assassinated when Suu Kyi was 2. Her mother became a prominent public figure in her own right and was appointed ambassador to India in 1960.

Suu Kyi moved abroad then and later earned her degree in philosophy, politics and economics at Oxford University. It wasn't until her mother suffered a debilitating stroke in 1988 that she returned to live in Burma, caring for her aging parent as the country roiled in political tumult. Suu Kyi took up leadership of the cause of democratic reform. Although under house arrest, she led her National League for Democracy to a majority in Parliament in 1990, but the military would not recognize the election. In 1991, Suu Kyi was awarded the Nobel Peace Prize "for her nonviolent struggle for democracy and human rights."

Under house arrest for most of the years since then, Suu Kyi kept the world's attention and energy focused on her people's plight. Since her release in 2010, she has resumed an influential role in public life, extracting important concessions from the government. Last month, Suu Kyi and more than 40 others in her party were elected in a landslide to Burma's Parliament. This time, the government recognized the victory.

For demanding justice forcefully, fearlessly, yet always peacefully, you often are mentioned in the same breath as your heroes, Mahatma Gandhi and Martin Luther King Jr. You are admired around the world as a hero of nonviolence. You are revered

But lest we imagine you something more than human, let us also recognize that you are an embodiment of compassion motivated by that most human of institutions: the family.

Family led you home to become the leader of nonviolent opposition in Burma. When you returned there in 1988 to care for your ailing mother, you found political upheaval and repression. Family made it impossible to remain on the sidelines. When you were just 2, your father, General Aung San, was assassinated while fighting for independence from colonial rule. "I could not, as my father's daughter," you said, "remain indifferent to all that was going on." The love of family kept you strong and committed during long, lonely years of house arrest and separation from your now-deceased husband and your beloved sons.

As our graduates gather here today, with their own families cheering them on, they are fortunate to have you as a model

for a life devoted to family, nation, justice and peace.

Daw Aung San Suu Kyi, for the sacrifices you and your family have made as you have served your people and the cause of democracy with brilliance, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

RITA R. COLWELL

Rita R. Colwell is an environmental microbiologist and worldwide leader in the fight to provide safe drinking water. In 2010, she won the Stockholm Water Prize, water's Nobel Prize equivalent, for work on the ecology of waterborne infectious diseases. From 1998 to 2004, Colwell was the National Science Foundation's 11th director, the first woman to hold that post. Previously, she was president of the University of Maryland's Biotechnology Institute.

Colwell has led the American Academy of Microbiology, the American Association for the Advancement of Science and the International Union of Microbiological Societies. She is a member of the Royal Swedish Academy of Sciences, the National Academy of Sciences and the American Philosophical Society. She has been a passionate advocate for improving K-12 mathematics and science education, for advancing graduate engineering and science education, and for increasing participation of minorities and women in scientific fields.

Colwell is now Distinguished University Professor at both the Johns Hopkins Bloomberg School of Public Health and the University of Maryland, College Park. She earned undergraduate and master's degrees from Purdue University and a PhD in oceanography from the University of Washington.

Widely acknowledged as one of the world's most influential voices for clean water policy as a path to improved public health, you have helped to establish the basis for contemporary environmental and infectious disease risk assessment around the world. Specifically, your work has helped control the spread of the deadly waterborne micro-organism known as cholera, which infects up to 5 million people around the world every year and leads to an estimated 120,000 deaths annually. The impact of your work on public health continues to reverberate around the globe, saving and improving countless lives.

Your influence, however, goes far beyond your discipline. As leader of major scientific organizations, as first woman director of the National Science Foundation, and as an ardent advocate for mathematics and science education and for women and minorities in science, you have spoken with tremendous authority and impact on questions involving the role of the scientist in society.

Rita R. Colwell, for exceptional contributions to world health; to the fields of mathematics, genetics and remote sensing technology; and to the public's understanding of what science can and should be, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

STEPHEN H. LEWIS

Born in Ottawa in 1937, Stephen Henry Lewis is a Canadian diplomat, politician, broadcaster and academic dedicated to humanitarian service. Now a distinguished visiting professor at Ryerson University in Toronto, Lewis is co-founder and co-director of AIDS-Free World, an international advocacy organization promoting a more effective global response to HIV/AIDS. He is board chair of the Stephen Lewis Foundation, which works to turn the tide of HIV/AIDS in Africa. Lewis is a director of the Clinton Health Access Initiative and emeritus board member of the International AIDS Vaccine Initiative. He is a commissioner for the Global Commission on HIV and the Law.

Lewis served as Canada's U.N. ambassador from 1984 to 1988 and chaired the committee that drafted the Five-Year U.N. Program on African Economic Recovery. He has been deputy executive director of UNICEF and was the U.N. Secretary General's Special Envoy for HIV/AIDS in Africa.

Previously, Lewis was leader of the Ontario New Democratic Party. He was the Canadian Booksellers Association's 2005 author of the year. His best-seller, *Race against Time*, won the Canadian Booksellers Association's Libris Award for nonfiction book of the year. He was invested in 2007 by King Letsie III of Lesotho with the country's highest honor: Knight Commander of the Most Dignified Order of Moshoeshoe. In 2003, he was appointed a Companion of the Order of Canada, Canada's highest honor for lifetime achievement.

You have said that "once Africa gets into you, you never get it out." And, clearly, Africa is deeply rooted in your heart and soul. Not satisfied to fight the spread of HIV/AIDS from the safety and sterility of an office or boardroom far from the fray, you set out in 2003 on a fact-finding mission that put you on the ground in villages in Zambia. There, you witnessed firsthand the devastation and heartbreak caused by the virus. That suffering inspired you to form a foundation that now works at a grassroots level in the 15 African nations hardest hit by the pandemic, bringing relief and real hope. Your decades of tireless humanitarian and social justice work—as a diplomat, activist and citizen of the world—have saved or improved the lives of innumerable men, women and children. By your example, you have inspired so many others to follow in your footsteps and work to make a difference.

Stephen H. Lewis, for your dedication to improving the human condition and for your focus on the needs of a continent that all too often receives short shrift in global councils, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

JOHN C. MALONE

John C. Malone grew up in Connecticut, the son of parents who instilled in him a keen interest in technology and a strong work ethic. He attended Yale University, where he was a Phi Beta Kappa scholar and earned a bachelor's degree in electrical engineering and economics. Soon afterward, he was hired as an engineer at Bell Labs. He earned a Johns Hopkins master's degree in industrial management in 1964, followed by a PhD in operations research in 1969.

After a two-year stint with consultants McKinsey and Co., Malone became group vice president at General Instrument Corp., and then was named president of its cable television equipment subsidiary, Jerrold Electronics. In 1973, at 32, Malone became chief executive officer of Tele-Communications Inc., a large but financially troubled cable television system. He helped resolve the company's finances and fostered its growth.

By 1981, TCI was the nation's largest cable television operator. In 1998, in one of the largest sales in telecommunications history, AT&T announced that it would buy TCI and its subsidiary, Liberty Media, for \$48.3 billion. In 2001, AT&T spun off Liberty Media, which consisted mostly of investments in cable programming channels. Malone continues to serve as chair of Liberty Media and of Liberty Global, which provides broadband distribution and video programming in Europe, Latin America and Australia.

You have remade what we watch, ranking among the handful of industry pioneers who brought cable television from the margins to become the primary conduit into our homes for entertainment and news. Cable was seen at first merely as a technology enabling rural viewers to pick up television signals from distant cities. You helped to transform it into a medium for carrying a wider array of programming to content-hungry consumers no matter where they lived. By 1992, you foresaw a cable universe offering 500 channels and innovative interactive services; you then led the charge to turn that vision into reality.

In recent years, your influence and leadership have expanded even further. As a major landowner, you have pledged to maintain your more than 2.2 million acres with an emphasis on conservation and sustainability. As a philanthropist, you have, among other important initiatives, directed \$30 million to usher in a new era of scientific research here at Johns Hopkins. Malone Hall at Homewood will house the Department of Computer Science and major interdisciplinary research efforts in systems engineering, individualized medicine and materials research.

John C. Malone, for opening our living rooms to so much more of the world beyond, for your dedication to the well-being of that world and for your dedication to a better life for its inhabitants, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

SAMUEL J. PALMISANO

Samuel J. Palmisano is chairman of the board at IBM, the Fortune 500 company where he built a legacy by foreseeing how technology and global integration would reshape business and society.

He joined IBM in his hometown, Baltimore, in 1973, shortly after earning his bachelor's degree from Johns Hopkins. Starting in sales, he worked his way up through the ranks, eventually becoming CEO, a position he held from 2002 until this year.

Under Palmisano's leadership, IBM delivered record performance despite global economic stresses. He led the century-old company through an ambitious transformation, making tough calls to move it out of businesses it had invented and advocating growth through innovation. He promoted reinvention from within, and—rather than dictating from the top—engaged IBM employees globally to reexamine and reconfigure their company.

His accolades include an honorary doctorate from Rensselaer Polytechnic Institute, an honorary fellowship from the London Business School, the Atlantic Council's Distinguished Business Leadership Award, and the Deming Cup from Columbia Business School. He is an elected member of the American Academy of Arts and Sciences. Last year, Palmisano, a former university trustee, chose Johns Hopkins as the inaugural venue for IBM's Centennial Lecture Series on long-term innovation.

Thirty-nine years ago, when you graduated from The Johns Hopkins University, the world was a different place. When people talked about "the cloud," they could only be referring to a stormy sky. When they talked about IBM, the conversation might well have been about electric typewriters. And if they heard the name Sam Palmisano, unless they were Blue Jay football fans, they probably said, "Who's that?" Today, the cloud is a worldwide supercomputing revolution pioneered by IBM, and the name Sam Palmisano is synonymous with success. Leaving Johns Hopkins with a degree in history, you became "an IBMer," working your way up through the ranks to president, CEO and chairman. From the corner office, you built on IBM's proud century-long tradition of innovation and laid out a vision for how technology was transforming the systems through which our world works—and making it smarter. Thanks to your leadership, IBM is now poised for success well into its second century, and you are justly renowned for your foresight on how technology and global integration can reshape business and society.

Samuel J. Palmisano, distinguished alumnus, chairman of the board of IBM and former trustee, for your role in transforming the global conversation, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

AMARTYA SEN

Research by celebrated economist Amartya Sen has given the world better tools to prevent and fight famine. He was awarded the Nobel Memorial Prize in Economic Sciences in 1998 for his studies of social choice, welfare measurement and poverty. Born and raised in India, Sen witnessed firsthand how class struggles and starvation hindered people's ability to improve their lives. This shaped his worldview and later his research.

After earning bachelor's degrees at Presidency College in Calcutta and at Trinity College, Cambridge, and receiving a PhD at Trinity, Sen served as a professor at Delhi University and at the London School of Economics; as Drummond Professor of Political Economy at Oxford University; and as a fellow of All Souls College, where he is now a distinguished fellow. Sen has also served as master of Trinity College, the first Asian to hold that post at an Oxbridge college. He is now Thomas W. Lamont University Professor at Harvard University.

Sen has served as president of the Econometric Society, the Indian Economic Association, the American Economic Association and the International Economic Association. He is a fellow of the British Academy. Among the many other awards he has received is the Bharat Ratna, the highest honor bestowed by the president of India.

You stand before us today as a pillar of how the world can change when an idealistic student pursues a problem. You were a child growing up in Calcutta when the Bengal famine killed between 2 million and 3 million people. Even as a small boy, you were struck by how no one you knew had been directly affected by the tragedy; it was those on the lowest rungs of the economic ladder who experienced incredible pain and loss. Later, during your undergraduate days at Calcutta's Presidency College in the early 1950s, it became clearer to you how the poorest citizens were also the most likely to be trapped by their social immobility. Studying at an elite university in close proximity to people living in poverty, you began to combine your twin passions for economics and social philosophy.

From there, you became a trailblazer in the field of welfare economics. Your lifetime of scholarly concern for, as you once put it, "the underside of economics," led to a multi-continental professorial career and numerous awards, including the Nobel Memorial Prize in Economic Sciences in 1998. A concerned schoolboy grew into an analytical social philosopher whose research on social choice, welfare measurement, and poverty has charted a course for others to pursue positive change for the world's most impoverished citizens.

Amartya Sen, for using your powers of economic analysis for the greater good, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

THE UNIVERSITY MACE

The university mace, carried by the chief marshal, was first used at the 1954 Commemoration Day Ceremony. Eight symbols are handwrought in sterling silver on an ebony staff representing our cultural development from ancient times, through the Middle Ages and the Renaissance, to the modern era.

THE PRESIDENTIAL INSIGNIA

University President Ronald J. Daniels is wearing the presidential insignia signifying the authority vested in the president by the board of trustees. It is a chain of sterling silver links worn around the neck. Portraits of The Johns Hopkins University presidents are engraved on the faces of the links. On the reverse, the names and dates of office of each president are engraved. Blank links for future use are included. The university seal completes the design.

ACADEMIC GARB

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

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

The hood also varies for the respective degrees. The master's hood is three and a half feet long. The doctor's hood is four feet long, of fuller shape, and rounded at the base. The hood is bordered with velvet, the color of which indicates the field of study in which the master's or doctor's degree was earned.

Dark blue — Philosophy

Light blue - Education

Peacock blue — Public Policy

Green - Medicine

Salmon pink — Public Health

Orange — Engineering

Gold-yellow - Science

White - Arts and Letters

Pink — Music

Purple — Law

Apricot - Nursing

Tan - Business

Dark brown — Fine Arts

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

Brown University - brown, red

California Institute of Technology — orange, white

Columbia University — light blue, white

Cornell University - red, white

Duke University — blue

Harvard University - crimson

Howard University - blue, red

Indiana University - red, white

Johns Hopkins University — black, old gold

Massachusetts Institute of Technology —

cardinal red, gray

New York University — purple

Northeastern University - red, black

Northwestern University - purple, white

Ohio State University -- red, gray

Princeton University — orange, black

Rice University — blue, gray

Rutgers University — red

Stanford University — cardinal

Temple University — white, red

University of California — gold, blue

University of Chicago - maroon

University of Colorado — gold, gray

University of Florida — orange, royal blue

University of Maryland — red

University of Michigan — gold, blue

University of North Carolina - light blue, white

University of Pennsylvania — red, blue

University of Pittsburgh — blue, gold

University of Rochester — blue, gold

University of Virginia — orange, blue

University of Wisconsin — bright red

Vanderbilt University — gold, black

Washington University, St. Louis — red, green

Yale University — dark blue

THE UNIVERSITY MOTTO

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

THE JOHNS HOPKINS UNIVERSITY ODE

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

AWARDS

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

LOUIS SUDLER PRIZE
IN THE ARTS
For excellence in the
creative arts.
Awarded to
Emily Morgan Feinberg,
The Zanvyl Krieger School of
Arts and Sciences

President's Commendation for Achievement in the Arts For service to the arts. Awarded to Jean-Pierre Cardenas, The Zanvyl Krieger School of Arts and Sciences

Homewood Student Affairs Awards

ALEXANDER K. BARTON CUP Presented annually under the auspices of Omicron Delta Kappa to a member of the University who best exemplifies Mr. Barton's strong character, high ideals and effective moral leadership. Awarded to Bryn Marie Carroll

THE CHRISTOPHER B. ELSER PRIZES The Christopher B. Elser Prizes were established by the Elser family and their friends as a memorial to the life of Christopher B. Elser, a member of the JHU Class of 2005. It is presented to a junior or senior reflecting the following attributes: demonstration of active participation and commitment to community service, a record of active participation and leadership in campus life and campus activities, a demonstrated

passion for athletics and academic achievement. Jointly awarded to Richard Michael Danilkowicz Victor Akanimo Ekanem

The Belle and Herman Hammerman Award Established by Belle G. Hammerman in honor of her son, Judge Robert I. H. Hammerman, Class of 1950, this award is presented annually to a senior entering law school who combines academic excellence with outstanding qualities of leadership. Jointly awarded to Eryn Elise Isabella Gordon Young-Hee Kim

THE CHRISTOPHER J. PINTO MEMORIAL AWARD Established by alumni of the Tau Epsilon Phi Fraternity, members of the Class of 1984 and friends of the Pinto family, this award is presented to a senior reflecting the academic and leadership abilities and strong moral character of Chris Pinto, a member of the Class of 1984. Awarded to Anita Ram

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

leadership skills in a broader international context. Awarded to Mark Emmanuel Brennan

THE DEAN OF STUDENT LIFE ACHIEVEMENT AWARD The Dean of Student Life Achievement Award was established in 2003 and recognizes Johns Hopkins University seniors who have made significant contributions to the Homewood community during their tenure as students. The award recipients will have taken great strides to make a difference through perseverance and effort. Jointly awarded to Corey Hamilton Adams Zeinab Abdel Fattah Bakhiet Rachel Marie Ballatori Dominique Chantel Duval Victor Akanimo Ekanem Charlotte Louisa Healy Isaac David Jilbert Paul Louis Jones III Andrew Jordan Kesner Neil Menelaos Vranis

OMICRON DELTA KAPPA INDUCTEES Margaret Peck Ashton Peter Burton Baumhart Leela Chakravarti Mark Benjamin Dirzulaitis Amanda Michelle Goldman-Petri Eryn Elise Isabella Gordon Danielle Saunder Himelfarb Alison Rose Ann Ignatowski Veronica Rose Claire Jordan-Davis Vahakn Shant Keskinyan Iennifer Victoria Lenz Patrick Daniel Lynch Fareedat Oluwatosin Oluyadi Nicole Lynn Salter Stephen Joseph Haig Sihelnik Grant Jacob Silow Diana Jacqueline Stern Tiffany Rose Tembreull Annie J. Tsay Neil Menelaos Vranis

Homewood Arts Program Awards

THE HOMEWOOD ARTS CERTIFICATE Awarded to seniors who have completed co-curricular requirements and an original final project in one of five disciplines: Dance, Digital Media, Fine Arts, Music or Theater. Jointly awarded to John-Pierre Cardenas, Dance Andrew M. Clarke, Dance Stephanie Lynn Curtin, Dance Rohit Dasgupta, Digital Media Mary Elizabeth Dzwonchyk, Dance Emily Morgan Feinberg, Visual Arts Julia Walton Garrison, Dance Monica Brittany Lowe Harris, Dance Serena Frances Jeblee, Theater Ionathan Robert Kriss, Theater Hannah Kwak, Dance Anita Luong, Dance Margaret Elizabeth McCarthy, Dance Manisha Narayanan, Dance Eul No. Music Thomas Kun Pak, Dance Rebecca Boyce Phillips, Theater Lindsay Megan Stiller, Dance Emily Samantha Sucher, Theater Eliza Branco Vasconcellos, Theater Jennifer Camille Walton, Dance Stephanie Jun Yoshioka, Theater

THE EUGENE LEAKE AWARD
For outstanding achievement in
the Homewood Art Workshops.
Jointly awarded to
Karen Shao-Yee Chan
Emily Morgan Feinberg
Siqi Ngan

Greek Life Awards

GREEK LIFE SENIOR
LEADERSHIP AND CAMPUS
INVOLVEMENT AWARD
Jointly awarded to
Charlotte Louisa Healy, Phi Mu
Maximillian Andrew Hunt,
Beta Theta Pi

GREEK LIFE SENIOR ACADEMIC EXCELLENCE AWARD Jointly awarded to Brian Matthew Diederich, Beta Theta Pi Alison Rose Ann Ignatowski, Phi Mu

GREEK LIFE SENIOR ATHLETIC
EXCELLANCE AWARD
Jointly awarded to
Jennifer Lauren Hession,
Kappa Kappa Gamma
Hewitt Pegues Tomlin, IV,
Alpha Delta Phi

Inter-Fraternity Council Greek Man of the Year Awarded to Alex Paul Villa, Sigma Phi Epsilon

Panhellenic Association Greek Woman of the Year Awarded to Chelsea De Vita James, Kappa Kappa Gamma

ORDER OF OMEGA INDUCTEES Lydia Mary Alcock, Карра Карра Gamma Brian Matthew Diederich, Beta Theta Pi Mark Benjamin Dirzulaitis, Sigma Phi Epsilon Gabrielle M. Flaum, Карра Карра Gamma Amanda Michelle Goldman-Petri, Delta Xi Phi Maxi Witrak Gumprecht, Alpha Phi Monica Brittany Lowe Harris, Alpha Phi Chelsea De Vita James, Карра Карра Сатта Isaac David Jilbert, Phi Delta Theta Christopher James Mancuso, Sigma Phi Epsilon Cassandra Mary Nicotra, Pi Beta Phi

Alex Paul Villa, Sigma Phi Epsilon

GREEK LIFE RHO LAMBDA SORORITY LEADERSHIP SOCIETY INDUCTEES Lydia Mary Alcock, Карра Карра Сатта Gabrielle M. Flaum, Карра Карра Gamma Amanda Michelle Goldman-Petri, Delta Xi Phi Monica Brittany Lowe Harris, Alpha Phi Chelsea De Vita James, Карра Карра Gamma Danielle Paulina Nemzer, Phi Mu Cassanda Mary Nicotra, Pi Beta Phi Camila Prieto, Pi Beta Phi Sarah Mae Smith, Карра Карра Gamma Diana Jacqueline Stern, Alpha Phi

Athletic Awards

THE LARRY GOLDFARB AWARD Presented to a senior for outstanding service to the Hopkins athletic program. Awarded to Aaron Mitchell Borenstein

THE C. GARDNER MALLONEE AWARD
Presented annually to the male student who has contributed most to athletics at the University. Awarded to
Hewitt Pegues Tomlin, IV

THE CATHERINE P. CRAMER AWARD Presented annually to the female student who has contributed most to athletics at the University. Awarded to Erica Kristin Suter

THE ROBERT H. SCOTT AWARD Presented to the senior who has demonstrated excellence in athletics, scholarship and extracurricular participation.

Awarded to

Stephanie Ying Fong

THE HOWARD-SHRIVER AWARD Presented to the senior who has demonstrated outstanding achievement in both academics and athletics while at The Johns Hopkins University.

Awarded to Timothy Smith McCarty

THE BLUE JAYS UNLIMITED AWARD
Given to the Johns Hopkins varsity athlete who most exemplifies the spirit of Blue Jays Unlimited by demonstrating team spirit and leadership, promoting team unity and morale and enhancing the athletic experience of his/her teammates.

Awarded to

Stephanie Ying Fong

Office of Multicultural Affairs Awards

THE CHESTER WICKWIRE
DIVERSITY AWARD
This award distinguishes the
undergraduate student of any
race or ethnic background who
promotes multicultural harmony
on the Homewood campus.
Awarded to
Amanda Michelle Goldman-Petri

MULTICULTURAL AFFAIRS
HONORS PROGRAM EXEMPLARY
LEADERSHIP AWARD
This award honors the
multicultural student who
exhibits qualities of leadership
which the Hopkins community
fosters. The recipient of this
award continues to assume
leadership roles within Baltimore
and the Hopkins community.
Awarded to
Alyssa Marie Kildare

MULTICULTURAL AFFAIRS
HONORS PROGRAM
OUTSTANDING SERVICE AWARD
This award recognizes the
multicultural student who
demonstrates exemplary service
in the Hopkins and Baltimore

communities. The award recipient is one who contributes to these communities by leading, volunteering or contributing to other service organizations.

Awarded to Fareedat Oluvatosin Oluvadi

Class of 2012 Awards

THE HOMEWOOD AWARD Awarded annually to an organization for outstanding service to students, student life and the University.

Awarded to Dance Marathon

GILMAN CUP
Awarded by the Senior Class
in recognition of outstanding
contributions to the Homewood
community by a Student Affairs
staff member.
Awarded to
Dorothy Sheppard,
Associate Dean of Student Life

THE OLD GOLD AND SABLE
AWARD
Awarded by the Senior Class
in recognition of outstanding
contributions to the Homewood
community by the recipients
during their tenure at The Johns
Hopkins University.
Awarded to
William T. Conley,
Dean of Enrollment and
Academic Services

Homewood Cup
Awarded by the Senior Class
in recognition of outstanding
contributions to the Homewood
community by administrative
or support staff member who
goes above and beyond their
day-to-day responsibilities to
assist students.
Jointly awarded to
Jolle Davis, Student Activities
Budget Specialist
David Furhman, Director of
Campus Dining

Teaching Awards

The Johns Hopkins Alumni Association Excellence in Teaching Award in The G.W.C. Whiting School of Engineering for 2012. Awarded to Danielle Tarraf, Electrical and Computer Engineering

THE JOHNS HOPKINS ALUMNI
ASSOCIATION EXCELLENCE IN
TEACHING AWARD
in The Zanvyl Krieger School of
Arts and Sciences for 2012.
Jointly awarded to
Justin Halberda, Psychological and
Brain Sciences
Petar Maksimovic,
Physics and Astronomy

Professor Joel Dean Award For Excellence in Teaching Awarded annually to one, or multiple, teaching assistants or faculty members who demonstrate an intense devotion to teaching and a talent for making mathematics more understandable. This award is given based on a review of recommendations from students and faculty. Jointly awarded to Aaron Mitchell Schecter Rachel Amanda Kloss

Professor Joel Dean Undergraduate Teaching Award

Given annually to those graduate students who have shown excellence as a teaching assistant or instructor in the undergraduate economics program. The award was initiated by Joel and Monia Dean and generously funded by the Joel Dean Foundation, created by Professor Dean in 1957. Jointly awarded to James Wesley Lake Nicole Lynn Lott Gwen Carter Pauley

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

Awarded to
Choonwon Kang, Lecturer, Korean

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

THE ABELL FOUNDATION AWARD IN URBAN POLICY
For the most compelling paper on a pressing policy challenge facing the city of Baltimore.
Jointly awarded to
William J. Sankey
John B. Wogan

APPLIED MATHEMATICS AND
STATISTICS ACHIEVEMENT AWARD
This award recognizes outstanding achievement by an undergraduate across a broad spectrum of departmental activities including academic performance, research, pedagogy and leadership.
Jointly awarded to
Tanziyah Muqueem
Alexander Nathan
Aaron Mitchell Schecter

RQBERTO R. ARELLANO AWARD For excellence in writing by a Writing Seminars undergraduate, Awarded to Ian Thomas White

James F. Bell Award
Presented by Kevin Hemker
for outstanding undergraduate
research and scholarly
achievement in Mechanical
Engineering.
Awarded to
Robert C. Grande

BIOMEDICAL ENGINEERING
RESEARCH DAY AWARD
This award is given to the top
presentations at the annual
Undergraduate Research Day
event.
Jointly awarded to
William Cheng Chen
Deng Pan

DETLEV W. BRONK AWARD For outstanding scholarship in biophysics. Jointly awarded to Gabriel S. Salzman Jonathan J. Teo

LUCIEN BRUSH AWARD
For outstanding academic
achievement in Environmental
Engineering by a graduating
senior in the Department
of Geography and
Environmental Engineering.
Awarded to
Jeffery Wookeon Song

EUGENIO AND PATRICIA
CASTILLO AWARD
To the best first or second year
student in Economics.
Jointly awarded to
Metin Uyanik
Jiaxiong Yao

THE CHAFFEE WRITING PRIZE
Recognizing the performance
and promise of one or more
Writing Seminars undergraduates.
Jointly awarded to
Christopher Steven Benner
Sarah Elise Schulman

CHEMICAL AND BIOMOLECULAR Engineering Undergraduate RESEARCH AWARD For demonstrated contributions to research in Chemical and Biomolecular Engineering. Awarded to Aisley Kojo Amegashie Timothy John Bowman Chih-Chieh Chan Kelsey Renee Dean Kelsey Elizabeth Hirotsu Marianna Katherine Sayeg Arianne Bernice Sevilla Aakash Yogesh Shah Stephen Zhao

CIVIL ENGINEERING AWARD
For outstanding achievement
by a graduating senior for
academic excellence, leadership
and service in the Department of
Civil Engineering.
Awarded to
Mouhamed M. Alkaysi

THE EXCELLENCE IN
COGNITIVE SCIENCE AWARD
Awarded annually to a graduating
Cognitive Science major
for academic excellence and
outstanding accomplishment
in research.
Awarded to
Any E. Babay

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.
Jointly awarded to
Isaac David Jilbert
Samita Tahsin Khan

COMPUTER SCIENCE
OUTSTANDING SENIOR AWARD
To a senior Computer Science
major for academic excellence,
leadership and service in
Computer Science.
Jointly awarded to
Spencer Ong
Vincent Tak Ng

Computer Science
Outstanding Teaching
Award
To a student for outstanding
effort and skill in assisting with
the teaching of courses.
Awarded to
Amod Jog

THE CHARLES A. CONKLIN
AWARD
Presented to outstanding
Electrical and Computer
Engineering seniors to recognize
their academic achievements.
Awarded to
Gregory Alexander Vorsanger

EVANGELIA DAVOS PRIZE Awarded annually to the Classics major or minor whose work in Greek studies has been outstanding. Awarded to Nancy M. Hoffman

THE STEPHEN DIXON
LITERARY PRIZE
A yearly literary prize will
be given in the name of
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
Colleen Bishop Dorsey

DOGEE FACULTY AWARD FOR SERVICE AND ACADEMIC ACHIEVEMENT Given to a senior for outstanding service and academic achievement in the Department of Geography and Environmental Engineering. Jointly awarded to Erik von Heijne Lucas Henneman

ELECTRICAL AND COMPUTER
ENGINEERING STUDENT
INVOLVEMENT AWARD
This award recognizes significant achievement by a graduating senior for academic excellence, leadership and service in the Department of Electrical and Computer Engineering.
Awarded to
Thomas Kuan-Ho Cheng

ROBERT GEORGE GERSTMYER AWARD For outstanding undergraduate achievement in Mechanical Engineering. Awarded to Carl Philip Snyder

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 7th, 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 John Fitzpatrick Kelly

G. Stanley Hall Prize
For outstanding achievement by
an undergraduate in Psychology.
Awarded to
Maria Jia En Ly

BRUCE HAMILTON RESEARCH
SEMINAR AWARD
To the graduate student in the
Department of Economics who
has exhibited the best performance
in research workshops.
Awarded to
Matthew Noel White

H. Keffer Hartline Award For excellence in undergraduate research in biophysics. Jointly awarded to Ravi V. Desai Leanna M. Owen Max Hochschild Fund The prize is awarded annually to the undergraduate student in Economics who has shown great promise and proficiency in this field. Jointly awarded to Laura Stephanie Elsener Timothy Smith McCarty

JACOB H. HOLLANDER PRIZE For excellence in writing by a Writing Seminars undergraduate. Awarded to Lily Hay Newman

THE THREE ARTS CLUB OF HOMELAND AWARD For excellence in writing by a Writing Seminars undergraduate. Awarded to Diana Jacqueline Stern

WILLIAM H. HUGGINS AWARD
For outstanding scholarship
and service by a senior in
the Electrical and Computer
Engineering Department.
Jointly awarded to
Jesse Aaron Grodman,
Computer Engineering
Catherine Alys Tarakajian,

Electrical Engineering

RICHARD J. JOHNS AWARD For outstanding academic achievement in Biomedical Engineering. Jointly awarded to Michael Wu Chen Judy C. Doong Caleb James Fan Jesse Ian Hamilton Lichy Han Ally Huang Deng Pan Rohan Shah Conan kin-Ming So Yijie Xu William Edward Yang James Jun Ying Sohail Zahid

JOSEPH L. KATZ AWARD
Presented to Chemical and
Biomolecular Engineering seniors
for academic excellence in the
Chemical and Biomolecular
Engineering Senior Lab course.
Jointly awarded to
Frederick Howe Kuo
Marianna Katherine Sayeg
Kelly Anne Schwarz
Boosom Uranukul

DONALD E. KERR MEMORIAL MEDAL
To an outstanding undergraduate major in Physics and Astronomy.
Jointly awarded to
Drummond B. Fielding
Benjamin C. Ponedel

THE MARTIN AND MARY
KILPATRICK PRIZE
To honor undergraduate
chemistry majors with
outstanding records of academic
achievement.
Jointly awarded to
Husain H. Danish
Adam Lu

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 the Center's programs and courses. Awarded to Amanda Elaine Mason

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

MATERIALS SCIENCE AND Engineering Achievement AWARD For outstanding academic achievement by a graduating senior in Materials Science and Engineering. Awarded to Heidi Renee Culver

EMILY AND THOMAS MEREN SCHOLAR AWARD Established in 1998 in support of undergraduate students pursuing a BA/MS degree in Neuroscience. Jointly awarded to Elliot Choi Chung-ha Davis Daniel Giovinazzo Heechul Jun Alexis Taylor Roy Sebastian Salas-Vega

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 Ionathan Robert Kriss

THE NADDOR PRIZE The Naddor Prize is awarded to a non-senior undergraduate for significant achievement in departmentally-related academic and extracurricular activities. It is named in honor of the late Professor Eliezer Naddor, the first recipient of a PhD in operations research in the United States and a long-time faculty member in the department. Awarded to Stephen Nicholas Pallone

ROBERT B. POND SR. ACHIEVEMENT AWARD Awarded to the graduating senior in the Department of Materials Science who best exemplifies Robert Pond's commitment to scholarly and humane values. Awarded to Blake Daniel Barnett

MOST DISTINGUISHED THESIS IN PUBLIC HEALTH STUDIES Awarded to Jacqueline Marie Ferguson

Outstanding Senior Award IN PUBLIC HEALTH STUDIES For academic excellence, leadership and service in Public Health. Jointly awarded to Rachel Libby Burns Anita Ram Sheila Razdan Yoon-Kyu Sung Sandhira Himath Wijayaratne

THE PRESIDENT'S SABER AND TROPHY Awarded to the senior ROTC cadet who has made the most significant contribution to the ROTC battalion and reflects those leadership characteristics required of an officer. Awarded to Megan Rose Vande Hey

THE CURT P. RICHTER AWARD in Behavioral Biology RESEARCH In recognition of outstanding achievement in the David S. Olton Behavioral Biology Program. Awarded to Joanna Beth Craig

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 Daniel Ho

GERARD H. SCHLIMM AWARD Awarded to an undergraduate student for his or her exceptional accomplishments in the field of Civil Engineering. As a longtime senior lecturer and director of the part-time and special programs at the G.W.C. Whiting School of Engineering from 1966 to 1994, the late Dr. Schlimm made many contributions to the education of future engineers. Awarded to

Alison Rose Ann Ignatowski

WILLIAM N. SHARPE AWARD FOR MECHANICAL ENGINEERING STUDENT INVOLVEMENT Recognizes significant leadership and achievement in extracurricular activities amongst Mechanical Engineering students. Jointly awarded to Matthew Scott Blake Benjamin Isaac Goldberg

SIEBEL FOUNDATION PRIZE Awarded to a student in bioengineering who displays excellence in academics, research and leadership. Jointly awarded to Manisha Aggarwal Hannah Carter Stephanie I. Fraley Donny Hanjaya-Putra Suneil Hosmane

Julian C. Stanley Award For the undergraduate Psychology major who most closely approximates Dr. Stanley's personal and professional standards of excellence. Awarded to Lina Maria Montova

STANTON FORGIONE PRIZE Named in memory of Phoebe B. Stanton (faculty, 1954-1982) and Nancy E. Forgione (BA '74, PhD '92) for outstanding achievement by an undergraduate in History of Art. Awarded to Allegra Bettini

Dolores Aubrey Sullivan Award in Public Policy Presented to the Master of Arts in Public Policy students who best exemplify Dee's indomitable spirit, unfailing dedication to excellence and the Institute's mission to bring the best information to bear on public policy problems. Awarded to John B. Wogan

J.J. Sylvester Award For outstanding achievement by a senior in Mathematics. Jointly awarded to Benjamin Charles Ponedel Calum William Donald Spicer

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 Winston Junyan Aw Jacqueline Elizabeth Birkness (2009) Stephen John Dria (2009) Lichy Han (2011) Junxiao Huang (2011) Robert Kim Yonjae Joshua Kim (2011) Lai-yue Sam Luo (2011) Eul No (2009) Neil Philip O'Donnell Millie Sunil Shah (2009)

THE SEVERN TEACKLE WALLACE MEMORIAL PRIZE Is awarded for an essay or other original work on Spanish or Latin American literature, literary history, culture or art. Awarded to Elizabeth Kaplan

THE JOHN BOSWELL
WHITEHEAD AWARD
For outstanding achievements
in Electrical and Computer
Engineering by an undergraduate
student.
Jointly awarded to
Diego Salume, Computer Engineering

Shao Mei Tan, Electrical Engineering

LOY WILKINSON AWARD
For demonstrated record of academic excellence, leadership and service in Chemical and Biomolecular Engineering by a graduating senior.
Jointly awarded to Chih-Chieh Chan
Arvind Ravichandran

THE WOLMAN AWARD Given annually to a graduating senior who exhibits both promise and spirit in regards to interdisciplinary work. The award was established in memory of M. Gordon "Reds" Wolman, a faculty member in the Geography and Environmental Engineering Department who contributed to the academic growth of the university through service as a department chair and interim provost and through strong advocacy of interdisciplinary studies. He was a beloved member of the Johns Hopkins University for more than half a century. Awarded to Rebecca Boyce Phillips

The Carey Business School

Delta Sigma Pi Scholarship Key For the highest grade point average in the undergraduate program. Awarded to Roger Nathanial Ashby

EDWARD J. STEGMAN CPA
MEMORIAL AWARD
Presented to students who
graduate with a 4.0 grade point
average and receive a master's
degree.
Jointly awarded to
Meghan Virginia Davlin
Hagan N. Dick
Philip Tang

The School of Education

ALAN THORMEYER AWARD
Awarded to a Master of
Arts in Teaching student in
the Department of Teacher
Preparation who exemplifies
the spirit and dedication of its
namesake.
Awarded to
Luigi Carlos LaPietra

DIANE TOBIN MEMORIAL
AWARD
Awarded annually to an
outstanding alumna/us in
education and to an
outstanding student.
Awarded to
Elizabeth Hall McCannell,
Master of Arts in Teaching,
May 2012

Public Safety Leadership Award Awarded each year to an outstanding undergraduate. Awarded to David W. Ennis

The School of Medicine

THE HARVEY CUSHING MEDICAL STUDENT HUNTERIAN RESEARCH AWARD This award is presented by the Department of Neurosurgery to a medical student who has demonstrated aptitude, dedication and achievement in neurosurgical research and who shows promise for a career in neurosurgery. Jointly awarded to Matthew Travis Bender, 2011-2012 Courtney Anne Pendleton, 2011-2012 Robert Thomas Wicks, 2011-2012

THE HENRY STRONG DENISON SCHOLARSHIP The Henry Strong Denison Fund for Medical Research in memory of Henry Strong Denison, MD, 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 Bradley Powers Barnett, 2005-2006 Robert Jamal Drummond, 2009-2010

THE PAUL EHRLICH RESEARCH Awards The Paul Ehrlich Awards were established to honor Dr. Paul Ehrlich with funding originally granted by Dr. Emanuel Libman. The awards, which recognize student research contributions, are presented each year at Young Investigators' Day. Jointly awarded to Bradley Powers Barnett, 2005-2006 Melanie Issigonis, 2009-2010 Chih-Yung Sean Lee, 2011-2012 Eric Naimet Momin, 2008-2009, 2010-2011

THE SOL GOLDMAN AWARD The Sol Goldman Award is given annually to a Johns Hopkins medical student who is recognized by the faculty of the Department of Medicine, Division of Geriatric Medicine and Gerontology, for excellence in geriatrics and for exceptional sensitivity to older patients. This award is made possible by an endowment given by the family of Sol Goldman to perpetuate an interest in and commitment to geriatric medicine and gerontology among medical students. Awarded to Esther Sung Hee Pak, 2011-2012

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.
Jointly awarded to
Vedangi S. Sample, 2011–2012
Emerson VanLeuven Stewart,
2010–2011

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.
Jointly awarded to
Bradley Powers Barnett,
2007–2008
John Kent Werner Jr., 2005–2006

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 Ting Guo, 2010-2011

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
Christopher John Shoemaker, 2011–2012

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 Matthew Travis Bender, 2008-2009 Timothy Theodore Flerlage, 2008-2009 David Alexander Stroh, 2008-2009

THE EXCELLENCE IN MEDICAL STUDENT RESEARCH AWARD This award is given annually to students whose efforts in basic biomedical, clinical or public health research is noteworthy and found deserving of special recognition. Jointly awarded to Jathin Bandari, 2009-2010 Bradley Powers Barnett, 2008-2009 Sabrinah Ariane Alberta Christie, 2009-2010 Clare Dean, 2009-2010 Allison June Kaeding, 2011-2012 Melanie McNally, 2009-2010 Sherveen Shayegan Salek, 2009-2010 Karisa Colleen Schreck, 2008-2009 Pokmeng See, 2008-2009 Trang Minh Vu, 2010-2011

THE FRANK H. NETTER, MD MEMORIAL SCHOLARSHIP IN MEDICAL ART The medical illustrator Frank H. Netter, MD, is known world-wide 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 Alexandra Elizabeth Cook, 2011-2012

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.
Awarded to
Rebecca Lee Lamason, 2010–2011

THE ALICIA SHOWALTER REYNOLDS RESEARCH AWARD This award was created by the School of Medicine Dean's Office in 1996, to honor the memory of Alicia Showalter Reynolds, a PhD student in the Department of Pharmacology and Molecular Sciences from 1992 until her untimely death in 1996. It is given in recognition of contributions to research undertaken by a PhD candidate in the School of Medicine. Jointly awarded to Nadine Laure Samara, 2010-2011 Catherine Jeanne Chalenski Weisz, 2009-2010

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 MD and PhD degrees from The Johns Hopkins University. Awarded to Tiffany M. Link, 2009–2010

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 unyielding devotion to science and her role in the training of a generation of graduate students of this institution.

Jointly awarded to Junjie Guo, 2011–2012

He Li, 2010–2011

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 Jonathan Trent Magruder; 2011–2012

THE NUPUR DINESH THEKDI RESEARCH AWARD This award was established in 2002 to honor the memory of Nupur Dinesh Thekdi, an MD/ PhD student in the School of Medicine from 1996 until his untimely death in 2001. The award was made possible by the generous contributions of his family and friends and is given to honor outstanding research contributions made by a student in the School of Medicine. Awarded to Sarah Marie Richardson, 2011-2012

WILLIAM H. WELCH AWARD
The William H. Welch
Award recognizes outstanding
achievement in Pathology by
a medical student.
Jointly awarded to
Julia Dawn Colchamiro-Smart,
2009–2010
Vivian Lee Weiss, 2010–2011
Byung Chul Yoon, 2006–2007

The School of Nursing

ACADEMIC EXCELLENCE AWARD
To a student whose academic performance has been judged to be outstanding.
Jointly awarded to
Daniela Maria Aguilera-Titus
Jessica Leah Blumberg
Christina Lynne Cordingley
Mary Catherine Howard
Soohyun Kim
Sarah Nadine Micley
Elizabeth Anne Murphy
Cara Leigh Reske
Kristen Leigh Williamson Zycherman

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
Tina Joann Penrose
Tiffany Joy Riser

THE JOHNS HOPKINS NURSES'
ALUMNI AWARD
Recognizes a student whose leadership ability is combined with clinical competence and an inquiring mind.
Jointly awarded to
Lisa Marie Garrett
Soohyun Kim

EMMA JONES BECKWITH
CULLEN AWARD
In recognition of the highest
standards of nursing practice
and executive ability.
Awarded to
Katherine Meyers Bissett

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. The award is sponsored
by the Preventive Cardiovascular
Nurses' Association.
Awarded to
Karen Keady Davis

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

Jointly awarded to Irvin Hiralall
Jacqueline Johnson
Christa Elaine Oakes

ELEANOR WADE CUSTER AWARD To a student who most successfully demonstrates initiative and creativity in improving the health of a community with sensitivity to one's fellow man.

Jointly awarded to Patrick Timothy Bringardner Mary Holland Newbold

BETTY CUTHBERT AWARD
To a student who demonstrates outstanding commitment and service to nursing and the University.
Jointly awarded to
Thaissa Keller-Souza Davila
Genna L. Doll
Tarleen Kaur Weston

SUE K. DONALDSON
DISSERTATION AWARD
For the outstanding PhD
Dissertation in the School
of Nursing.
Awarded to
Karen Keady Davis

LEADERSHIP AWARD
To a graduate nursing student demonstrating outstanding leadership in the field of nursing. Awarded to
Anthony T. Pho

MARY AND GRAINGER MARBURG AWARD
In recognition of a student who consistently exhibits outstanding clinical nursing expertise.
Jointly awarded to
Mark Andrew Bertelsen
Sarah Jayne Woodbury ROBERT G. MERRICK AWARD To a student demonstrating outstanding leadership in the field of nursing.

Awarded to Felicia Adeline Rockko

RUTH DALE OGILBY AWARD
In recognition of exceptional
academic performance in the
master's program.
Jointly awarded to
Bonnie Louise Linder Dowling
Joanna Marje Utoh

RESEARCH AWARD
To a student demonstrating intellectual curiosity and creativity in nursing research.
Jointly awarded to
Madeleine Stuart Beebe
Sarah E. Bristol

EDNA SCHOEN MEMORIAL AWARD
To a student demonstrating excellence in clinical practice.
Jointly awarded to
Jessica Leah Blumberg
Sung E. Cho

SIGMA THETA TAU NU BETA
CHAPTER AWARD
To a graduate nursing student in
recognition of superior academic
achievement, creative scholarship
and research.
Jointly awarded to
Nasreen Talat Bahreman
Vanessa Marie Bruce

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
Brendan Robert Bruce Notestein
Lauren Oppenheimer Searls
Jolene Marie Valdez

JOAN SUTTON AWARD
To a student demonstrating a strong dedication to professional nursing, clinical excellence and interdisciplinary practice.
Awarded to
Paige Marietta Griffith

The Peabody Conservatory of Music

CLARA ASCHERFELD AWARD
in Accompanying
Jointly awarded to
Hye Won Ryou
John Wilson
Ka Nyoung Yoo

MARTHA AND WILLIAM BILL MEMORIAL PRIZE in Woodwinds: Clarinet Awarded to Erik Kamenski

P. BRUCE BLAIR AWARD in Composition
Awarded to
Benjamin Daniels

GEORGE CASTELLE MEMORIAL
AWARD
in Voice
Jointly awarded to
Kisma Jordan
Jorge Ramirez-Sanchez
Elisabeth Slaten
Peter Tomaszewski
Christian Waugh
John Williams
Nathan Wyatt

ISRAEL DORMAN MEMORIAL AWARD in Strings Awarded to Ioelle Arnhold

EXCELLENCE IN EARLY MUSIC AWARD Awarded to Qin Ying Tan

CHARLES M. EATON PRIZE in Voice Awarded to Mi Jung Joh BRUCE R. EICHER PRIZE in Organ Jointly awarded to Christopher Keenan Eunhye Kim

Anita Erdman Award in Opera Awarded to Kimberly Christie

Pauline Favin Memorial Award in Piano Awarded to Sejoon Park

RICHARD FRANKO GOLDMAN
PRIZE
in Performance
Jointly awarded to
Athens Carter
Jaclyn Dorr
Katelyn Huff
Ryan Jones
Annaliese Perrett

PEGGY AND YALE GORDON RECOGNITION PRIZE in Accompanying Jointly awarded to Eun-Hye Lee Mika Sasaki

LILLIAN GUTMAN MEMORIAL PRIZE in Piano Awarded to Bo Kyung Kim

Lynn Taylor Hebden Prize in Performance Awarded to Yang Guo

SIDNEY JENSEN MEMORIAL PRIZE in Woodwinds: Clarinet Awarded to William Wysocki

BRITTON JOHNSON MEMORIAL PRIZE in Woodwinds: Flute Awarded to Joon Hyuk Andrew Choi Josef Kaspar Award in Strings: Violin Awarded to Duomi Zhang

GUSTAV KLEMM AWARD in Composition Awarded to Viet Cuong

James Winship Lewis Memorial Prize in Performance Awarded to Kevin Clark

IRVING LOWENS ENDOWED
MEMORIAL PRIZE
in Musicology
Awarded to
Danielle Buonaiuto

LILLIAN HOWARD MANN PRIZE in Voice Awarded to Diana Cantrelle

ADA ARENS MORAWETZ
MEMORIAL AWARD
in Composition
Awarded to
Alican Camci

Otto Ortmann Award in Composition Awarded to Reagan Martin

OUTSTANDING VOICE STUDENT devoted to Peabody and the community
Jointly awarded to
Danielle Buonaiuto
Allison Clendaniel

Olga von Hartz Owens Memorial Prize in Strings Awarded to Alec Hiller

May and Martin Raila Music Education Award Awarded to Wesley Thompson Harold Randolph Prize in Performance Awarded to Krystin O'Mara

GRACE CLAGETT RANNEY PRIZE
in Chamber Music
Jointly awarded to
Choo Choo Hu
Jennifer Hughson
Peter Kibbe
Scott Miller
Erica Richardson
Dian Zhang
Sheri Zweier

ALICE AND LEARY TAYLOR
AWARD
in Performance
Awarded to
James Schultheis

MELISSA TILLER MEMORIAL PRIZE in Strings: Violin Awarded to Jacob Niederhoffer

J.C. VAN HULSTEYN AWARD in Strings: Violin Jointly awarded to Lydia Chernicoff Charlotte Rowan McGirr Aki Tsai

Annie Wentz Prize in Voice Jointly awarded to Chelsea Buyalos Yun Kyong Lee

Frances M. Wentz Turner Prize in Piano Awarded to Julia Sheriff

Frank D. Willis Memorial Prize in Composition Awarded to Ariyo Shahry GEORGE WOODHEAD PRIZE
in Voice
Jointly awarded to
David Diehl
Julianne McCarthy
Lisa Perry
Abigail Seaman

SARAH STULMAN ZIERLER PRIZE in Accompanying Awarded to Bonghee Lee

The Bloomberg School of Public Health

AOYAMA-KITA SCHOLARSHIP
To an outstanding student from
Japan, Korea or Malaysia.
Awarded to
Ka Yeon Lee

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

Fran Bower Student Scholarship To an outstanding MPH student. Awarded to Anna Sick

THE TRUDY BUSH FUND
To an MHS student specializing
in women's health.
Awarded to
Allison McFall

THE DEAN'S ALUMNI ADVISORY
COUNCIL SCHOLARSHIP
To an outstanding student
dedicated to preventing disease
and disability and premature
death in the global defense of
human life.
Awarded to
Jonathan Mosser

DIVERSITY AND HEALTH
DISPARITIES PREDOCTORAL
FELLOWS
Recognizing outstanding doctoral
students committed to addressing
health disparity issues.
Jointly awarded to
Tara Martinez
Ann Moore
Tanjala Purnell
Letitia Weigand

ENDOWED SCHOLARSHIP IN THE HEALTH OF MOTHERS AND CHILDREN
To a student whose interests, research and career plans are focused on improving the health and saving lives of mothers and children.
Awarded to
Preety Rajbangshi

THE ESKRIDGE FAMILY
STUDENT SUPPORT FUND FOR
INTERNATIONAL STUDENTS
To an outstanding international
student.
Awarded to
Abhishek Raut

THE REED FROST SCHOLARSHIP
To MPH students who show
exceptional ability and promise.
Jointly awarded to
Kathleen O'Malley
Elizabeth Posey

ALICE J. GIFFORD FUND
FOR OCCUPATIONAL HEALTH
NURSING
To an outstanding public
health nurse in occupational
and environmental health and
related research.
Awarded to
Rebecca Shelley

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
Anne-Marie Rick

LEE M. AND MAXWELL C.
HOWARD SCHOLARSHIP FUND
FOR INTERNATIONAL STUDENTS
To an outstanding
international student.
Awarded to
Syed Mohammed Zaidi

KOCHERLAKOTA AWARD IN
BIOSTATISTICS
To recognize the most outstanding
master's level student in the
Department of Biostatistics.
Awarded to
Jiehuan Sun

THE CYNTHIA AND ROBERT LAWRENCE SCHOLARSHIP
To a student whose public health interests have a direct bearing on the priorities of the Center for a Livable Future.
Awarded to
Katherine Moon

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
Adam Milam

ABE LILIENFELD
SCHOLARSHIP FUND
To an outstanding student in the discipline of epidemiology.
Awarded to
Lynn Huynh

THE DR. CYNTHIA MAUNG ENDOWED SCHOLARSHIP FUND To outstanding medical students pursuing an MPH degree.

Jointly awarded to Jose Flores

Anne-Marie Rick

THE MARGARET MERRELL FUND To a Biostatistics doctoral student in recognition of outstanding research. Jointly awarded to Russell Shinohara Arthur J. Goldsmith MORGAN-JAMES
SCHOLARSHIP FUND
To an outstanding student in the
Department of Environmental
Health Sciences whose interests
are in radiation health.
Awarded to
Xuehai Li

EDYTH H. SCHOENRICH
STUDENT SCHOLARSHIP FUND
To an outstanding MPH student.
Awarded to
Elizabeth Posey

SOMMER SCHOLARS Recognizing MPH and doctoral students with outstanding academic ability and public health leadership potential. Jointly awarded to Marce Abare Jonathan Aboagye Abena Agyeman Yassir Ahmed Edmond Baganizi Jennifer Bobb Maria Carrasco Claire Champion Natalie Dailey Garnes Meghan Davis Michelle Geiss Ritika Goel Arthur Goldsmith Amelia Greiner Melissa Guillemot Kinsey Hasstedt Kyla Hayford Emily Hurley Bashir Idris Benjamin Johns Susan Moodie Abhishek Raut Alicia Riley Lauren Rossen Theodor Sauer Ianis Sethness Nikolas Wada Jennifer Weinberg Katherine Wulff

Anna Huffstutler Stiles
Scholarship
To an outstanding master's degree
student in the Department of
Epidemiology.
Awarded to
Erin Corless

THE WATT/HANSELL
ENDOWMENT
To an outstanding student
pursuing training at the School
of Public Health and the
School of Medicine.
Awarded to
Marko Mircetic

THE JOHN P. YOUNG
MEMORIAL FUND
To an outstanding MHA
student in Health Finance and
Management.
Awarded to
Matthew Croskey

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

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

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. Jointly awarded to
Alexandra Rose Altman
Jason Michael Loughnane

CHRISTIAN A. HERTER AWARD
To a member of the second-year
class with the most outstanding
academic record during the first
three semesters.
Jointly awarded to
Anne Katrin Angsten
Samantha Dee Duncan
Tara Linnea Nicholson

HONOR SOCIETIES

Phi Beta Kappa

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

From the Senior Class in The Zanvyl Krieger School of Arts and Sciences, Elected in 2012

Inhye Baik Kathryn Ann Baselice Christopher Steven Benner Mark Charles Bennett Moshe Hillel Bildner Jacqueline Elizabeth Birkness Amy Lou Brouner Andrew Joseph Campagnolo Vanessa Basco Charubhumi Bing Shao Chia Kimberley Chiu Evelyn E. Cho Kevin Jacob Cochran Eric Allen Conner Joanna Beth Craig Prateik Dalmia Ravi Vrajesh Desai Mark Benjamin Dirzulaitis Colleen Bishop Dorsey Laura Stephanie Elsener Drummond Buschman Fielding Alyssa Shari Forster Peter Alexander Galan Luke Anthony Ginocchio Daniel Giovinazzo Lindsey Rachel Greenberg Madeline Esther Greil Ross Leonard Gruber Joseph Hemmes Christopher Richardson Hepner

Scott Zachary Heyman

Alexandra Danielle Hittman Sze Han Janelle Ho Janine Marie Hoerauf Xueying Hu Lauren Michelle Hurwitz Nicole Tin-lok Jiam Hannah Reade Joo Yujin Jung Samita Tahsin Khan Hamin Kim Jacob Michael Kramer Nicholas Edward Krus Donghun Lee Joseph Lee Seung Hoon Lee Shauna Theresa Linn Jillian Marie Martynec Timothy Smith McCarty Kelsey R. Miller Christopher A. Mirasola Nadav Nahumi Emmanuel Chibuikem Ohuabunwa David Jeesoo Park Ellie M. Pavlick Jessica Jeanette Phippen Benjamin Charles Ponedel Karen Irene Porch Justin Roy Porter Anita Ram Rachel Tamar Rosenzweig Oliver Henry Roth Rachel Mara Sax Ankita Saxena Sarah Elise Schulman Srona Sengupta Andrew Richard Snavely Camille Taraneh Soroudi Diana Jacqueline Stern Catherine Carlisle Stoeckle Raafay Hussain Syed Jonathan Jin Yuan Teo Alex Paul Treiger David Edmund Vaino Damaskene Danae Vokolos Alexis Victoria von Kunes Newton Trang Ngoc Diem Vu Laura Paige Weber Cydney Rebecca Weiner Shanna Leigh Weitz Sandhira Himath Wijayaratne

Allison Florence Wise

Jessica E. Yoo

From the Senior Class in The Zanvyl Krieger School of Arts and Sciences, Elected in 2011

Amy Elizabeth Babay
Bryn Marie Carroll
Robert Lawrence Dilley
Andrew Joe Man Halls
Stephen Bela Kovacs
Aparna Krishnan
Joseph Leanza
Andrew Victor Rys
Gabriel Simon Salzman
Calum William Donald Spicer
Lisa Nicole Strouss
Carolyn Joyce Warren
Myung Sung Yang

From the Senior Class in The G.W.C. Whiting School of Engineering, Applied Mathematics and Statistics, Elected in 2012

Kevin Patrick McDermott Stephen Nicholas Pallone Bryant Lie Aaron Mitchell Schecter

From the PhD Candidates in The Bloomberg School of Public Health

Paulo Boto Alison Gernand Nan Guo Rosalyn Juergens Ji Li Colleen McHugh Carie Muntifering Russell Shinohara Sze-Wah Tse

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

Greg Sgammato

From the MA/PhD Candidates in The School of Medicine

Manisha Aggarwal Ting Guo Yuichi Makino From the MD Candidates in The School of Medicine

Eike Blohm Karisa Schreck

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

Manik Bhat
Kristin Marie Boulier
Bing Shao Chia
Sean Jeffrey Dangelmejer
Laura Suzanne Dankovich
Robert Lawrence Dilley
Sheldon Laurence Edwards
Eunmi Hur
Stephen Bela Kovacs
Aparna Krishnan
Erik Kristian Nielsen
David Jeesoo Park
Ricardo Alberto Linares Saldana
Teresa Andrea Scontras
Jungmi Winny Yun

Woodrow Wilson Undergraduate Research Fellowship Program

Unique to Johns Hopkins University, the Woodrow Wilson Undergraduate Research Fellowship Program, founded in 1999, offers a select group of undergraduates in the Zanvyl 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:

Jacob Theodore Appet Christopher S. Benner Rachel Libby Burns Evelyn E. Cho
Amy Marie Conwell
Luke Anthony Ginocchio
Lindsey Z. Hutzler
Hannah Reade Joo
Veronica R. Jordan-Davis
Christopher A. Mirasola
Robert Bryan Powers
Risa Jaz Rifkind
Benjamin Thomas Swartz
Kristine N. Wagner

Tau Beta Pi National Engineering Honor Society

Thomas Henry Aird Ryan Burne Barrett Jonathan Adams Beagan Anthony Shenkai Chang Michael Wu Chen William Cheng Chen Chen Chun Chiang Won Jong Choi Woo Jin Choi Alvin Cheng-Hock Chua Jr. Heidi Renee Culver Alperen Degirmenci Nuala Wheeler Del Piccolo Judy Chen Doong Stephen John Dria Benjamin Isaac Goldberg Robert Conlin Grande Jesse Ian Hamilton Lichy Han Ally Huang Peter Kim Robert Kim Moon Young Lee Lai-yue Sam Luo Henry Ma Tanziyah Muqeem Won Chan Oh Tzia Ming Onn Deng Pan Rebecca Boyce Phillips Kelly Anne Schwarz Rohan Shah Carl Philip Snyder Conan K. So Jeffery Woo Keon Song Steven H. Su Shao Mei Tan Tsung Jui Tsai Boonsom Uranukul Xin Yuan Wang Peter Yang Qing Xiang Yee

David Yin Sohail Zahid

Upsilon Pi Epsilon

The International Honor Society for the Computing and Information Disciplines, founded at Johns 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:

Kieran G. Brantner-Magee, BS James J. Doverspike, BS Martin G. Kelly, BS Alexander G. Liu, BA Vincent T. Ng, BS Jonathan A. Schwam, BS

Alpha Omega Alpha Honor Medical Society

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

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

Kamna Singh Balhara Matthew Travis Bender Catherine Stebbins Bennet Eike Blohm Christine Cary Cheston Sabrinah Ariane Alberta Christie Julia Dawn Colchamiro-Smart Timothy Theodore Flerlage Spencer Truman Lake Kathleen Anne Lee Marisa Kristeen Matthys Melanie McNally Elizabeth Harlan Michelle Benjamin Clark Murphy John Hone Nichols Helen Selonick Prevas Karisa Colleen Schreck Miriam Tamar Stewart

Jacob Louis Taylor

Delta Omega National Public Health Honor Society

Jonathan Kumi Aboagye William Oscar Agel Shreya Agrawal Rathi Asaithambi Sarah Margaret Ashburn Uchechukwu Nkechinyere Asuzu Rachel Banay Lauren Dara Block Paulo Alexandre Faria Boto Farrell Grace Bowen Mary Katherine Charles Megan Zhuo Chen Elizabeth Marie Chmielewski Marie Bernadette Curry Natalie Janine Miriam Dailey Anna J. Diller MPH Bonnie Louise Linder Dowling Deborah Beth Ehrenthal Thomas Michael Fame Michael Fitzgerald Finegan Michelle Janette Geiss Benjamin George Susan A. Ghanbarpour Sonja S. Goedkoop Ritika Goel Bhavya Ram Gowda Jesse Amanda Greenspan Oliver T. Harrison Rashida Cassandra Hassan Kyla T. Hayford Emily Anne Hurley Samantha Lakmali Illangasekare Nkemdiri C. Iruka Sally Ann Iverson Aparna Jonnal Rosalyn Anne Juergens Tanya E. Keenan Nancy Louise Kerr Jeeyon Janet Kim Wonha Kim Jennifer H. Kirschner Bernice Kuang Jeremy Benn Lapedis Erica Holly Layer Jennifer Xuan Thi Le Rachel M. Lee Stephanie Anne Levy Ann Yu Liu Carmelasophia L. Magalona Jenny Olive McManus Eva Michele Moore Kathryn E. Muessig Neha Naithani

Chiquita Palha De Sousa Ashley Michelle Patterson Sarah Melissa Peitzmeier Tina Joann Penrose Jason Pia Catharine Alice Prussing Fadi Z. Rammo Abhishek Raut Alicia Rose Riley Natanya Robinowitz Lauren M. Rossen Laura Dawn Sander Madeleine Schlefer Andrea Lauren Schneider Rachel Melissa Schulman Sheree Renae Schwartz Christine Marie Seewagen Janis Lovejoy Sethness Jui A. Shah Anjail Z. Sharrief Melissa K. Sherry Russell Shinohara Oluwaseun Damilola Shogbesan Karyn Rose Singer Thomas Michael Stephens Heather JoHanna Tanana Arissa Margaret Torrie Robert Richard Tota Brintha Vasagar Kristin Veley Nikolas Itaru Wada Jennifer Mendel Whitehill Juliana Wu Jithin Yohannan Rachel Lauren Zelkowitz

Sigma Theta Tau Nu Beta International Honor Society of Nursing

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

Katy Chang Maria Cvach Mariam Kashani Gail J. Pietrzyk Nancy J. Sullivan

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

Denise Marie Bekkouri Caitlin Tierney Bray Megan Anne Diehn Krystal Nicole Howard Caitlin Hudgins Robin Suzanne Hull Amelia Norrise Jackson Virginia Janise Jones Jane Elizabeth Kier-York Mary Analeigh Kwee Sara Evangeline Larson Kaitlyn Mary Luzzetti Anna Lyn Manalo Jennifer Ann Moyer Emeline Mugisha Rhoda P. Oyeladun Alison Kate Pirie Whitney Michelle Sharpe Anne Johnson Steele Angela Marie Steinberg Donald Seth Taylor Linda Ngozi Uche Tasia Dianne Wagner

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

Daniela Maria Aguilera-Titus Ioanna S. Balza Nneka Anjah Benjamin Dianne Y. Bettick Emily Anne Bisker Jessica Leah Blumberg Anne-Marie Y. Boucher Lauren R. Braun Patrick Timothy Bringardner Sarah Bristol Laura Michelle Butler Ashley Marie Callihan Hilary Carroll Joseph Albert Chen Katrina Louise Colbourne Heather Alexandria Coleman Laura Michelle Collett Christina L. Cordingley Melanie Marie Costlow Stefanie Michele Crowthers Margaret Devlin Lauren A. Dietrich Genna L. Doll Kaitlin Christine Donahue Kristen K. Dunn Iessica A. Fant Shaina Erin Farfel Laura Elizabeth Faulkner Emily Elizabeth Fogg Lauren Kingsley Foreman Paige Marietta Griffith

Gina Michele Grinstead

Kristen Rebecca Hains

Irvin Hiralall Elizabeth D. Hopkins Emily Rose Dickler Hoppe Mary Catherine Howard Jennifer L. Hudson Alexandra Jade Hunt Lindsey Hunt Mary Brooks Ingram Hyo-Jung Kim Danielle Laraine Lama William E. Lampe Melissa Jayne Lotz Lindsey Kathleen MacNeil Margarita Mana-Ay Meaghan E. McCormick Nicole Heather McGrail Katherine A. McNelis Kate O'Neill Menezes Sarah Nadine Micley Elizabeth Anne Murphy Christa Elaine Oakes Lucy Helen Paschos Amber Wray Pickard Jennifer J. Pico Melissa E. Quinan Sarah Ann Raider Nicole Alyse Ramsey Allison Elizabeth Rapp Kimberly Beth Reed Cara Leigh Reske Felicia Rockko Aleena Marie Rorapaugh Rebecca Sophia Sacks Anna Harriet Sanford Lindsey Holbrook Seefeld Delia Roberge Shanahan Emma Katherine Staller Rachelle Jordan Sumrall Lauren Suzanne Svrjcek Donna E. Wadman Caitlin G. Ward Tarleen Kaur Weston Kristen Leigh Williamson Zycherman

Honor Society for the Carey Business School

Delta Sigma Pi

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

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

Barry Christopher Howard Jaesang Kim Ehsan Mahmoudyeh

Honor Society for the School of Education

Chi Sigma Iota

Chi Sigma Iota, Lambda Chapter, is the international honor society that values academic and professional excellence in counseling. They promote a strong professional identity through members (professional counselors, counselor educators and students) who contribute to the realization of a healthy society by fostering wellness and human dignity. The mission of Chi Sigma Iota is to promote scholarship, research, professionalism, leadership and excellence in counseling, and to recognize high attainment in the pursuit of academic and clinical excellence in the profession of counseling.

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

Teresa Ann Amato
Evan E. Anderson
Keya T. Anderson
Sarah E. Askin
Narlie Auguste
Habib M. Bangura
Rebecca Ann Bonco
Samantha A. Bookman
Catherine Anne Brasher
Thomas S. Caravela
Nancy M. Chae
Sara LZ Chapper
Cassidy Sutherlyn Demos
Nina Beth Dillenbeck
Peter John Dittmar

Olawunmi O. Fadiora Jennifer L. Ficco Christine L. Gaffney Sarah E. Garner Jonathan Ezra Gavant Iill Haber Terri Noel Hack Ivamide Omotavo House Jennifer S. Huang Latoya L. Hughes Arianne Alexis Jennings Rachel Michele Jones Carol D. Keller Kelly Marie Keyser Iamie Lynn Larson Mona Lee Jill Christi Lonesome-Zollicoffer Michelle Lyn Lyon Angela Denique Mack Joseph Louis Mazzarella Alicia L. McAdam Katherine J. McGrady Kimberly Jovan McIntosh Sheyna Gabrielle Mikeal Katrina Nicole Moore Caitlin Zelley Murchie Stephanie Randolph Newman Julia Kaufman Nussdorfer Gregory Thomas Olcott Kimberly A. Paige Nidhi Patani Melisa Patel Emily Kate Peltzman Marianne K. Riley Danielle L. Rockstad Lilia Patricia Rodriguez Elizabeth D. Rossbach Anne Salzman Ruby Tuesday Snyder Laurie Marcia Steinberg Lauren Michele Streckfus Marian Lorraine Stukes K. Marie Wei Tu Sharnetta LaShawn Tyler Yodyayee Suhinee Utarasint Constance Marie Ward Samantha Lyn Wilson Elana R. Woolf Sharon Teresa Wright Marisa A. Ybarra-Reyes

Angela Yip

STUDENT HONORS

General University Honors

General University Honors were determined at the end of March 2012, 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 2012 semester will have that notation placed on their final transcripts.

The Zanvyl Krieger School of Arts and Sciences

Baccalaureate Candidates Graduating with General Honors

Jacqueline Andrea Aguilar Selee Ahn Lydia Mary Alcock Khurram A. Ali Arielle Jessica Alpert Stephanie Ann Amalfe Julia Keelan Angley Jacob Theodore Appet Emily Jane Arnold Margaret Peck Ashton Amy Elizabeth Babay Mercy S. Baffour Inhve Baik Gabrielle Alanna Baros Barr Kathryn Ann Baselice Peter Burton Baumhart Christopher Steven Benner Mark Charles Bennett Allegra Elisabeth Bettini Moshe Hillel Bildner Jacqueline Elizabeth Birkness Ross Warren Bittman Deirdre Alex Blanos Micaela Davitt Bloomer Kristin Marie Boulier Brian McIntosh Bowman Fentress Dittrich Latrobe Boyse Louis James Bracco Tara Marie Brailey Kari Ilana Brandt Mark Emmanuel Brennan Meaghan Rae Bresnahan

Katherine Lucille Brossman

Amy Lou Brouner Lauren Danielle Brown Kanin Timothy Bulakul Rachel Libby Burns Bianca Shen Cabri Andrew Joseph Campagnolo Sarah Elizabeth Capponi Matthew James Carlone Bryn Marie Carroll Leela Chakravarti Kirsten Elizabeth Chalke Andrew Davey Chang Giselle Aubrey Chang Hsia-Ting Chang Vanessa B. Charubhumi Jessica Chen Emily W. Cheung Bing Shao Chia Kimberley Chiu Evelyn E. Cho Elliot H. Choi Christine Chun Hyochan Chun Stephanie Lily Chung Alexandra Beatrice Clionsky Kevin Jacob Cochran Sean Richard Coleman Brittany Paige Colton Eric Allen Conner David Patrick Coren Dylan Thomas Cowart Joanna Beth Craig Catherine Grace Cryer April Yu Cui Nicholas Timothy Culbertson Kelly Alyssa Cummings Stephanie Lynn Curtin Prateik Dalmia Jeffrey Rogers Dandoy Sean Jeffrey Dangelmajer Richard Michael Danilkowicz Chung Oh Davis Michael Henry de Maar Jr. Colin Gerard DeLong Joshua Fiske DeLott Michal De-Medonsa Ravi Vrajesh Desai Nolan Thomas DiFrancesco Robert Lawrence Dilley Mark Benjamin Dirzulaitis Kelsey Donohue-Malatesta

Colleen Bishop Dorsey

Galen Bern Druke

Douglas Andrew Drummond Mary Elizabeth Dzwonchyk Kevin Michael Easterly Sheldon Laurence Edwards Benjamin Henry Eisenberg Warren Arthur Elgort Laura Stephanie Elsener Jin Yong Eom Wallace H. Feng Jacqueline Marie Ferguson Paula Lorena Fernandez-Baca Saad Feroz Molly Hart Fessenden Christine Naomi Fiedler Drummond Buschman Fielding Stephanie Ying Fong Joshua Thaddeus Fordin Alyssa Shari Forster Kerry Leigh Frank Alyson Hopkins Friedensohn Ron Joseph Friedman Jonah Oliver Furman Peter Alexander Galan Julia Walton Garrison Zachary Micah Gartenberg Daniel Jacob Gergen Michael John Giampapa Luke Anthony Ginocchio Daniel Giovinazzo Jordan Benjamin Glassberg Amanda Michelle Glasser Rebecca Lynn Goetz Benjamin Michael Goldberg Amanda Michelle Goldman-Petri Eryn Elise Isabella Gordon Lindsey Rachel Greenberg Madeline Esther Greil Xuanni Mimi Gu Andrew Joe Man Halls Jay Ho Han Paul Seungho Han Andrew Nader Hanna Leah Jeffries Harrell Kristyn Rose Hayashi Joseph Hemmes Connor Andrew Henley Christopher Richardson Hepner Amy Louise Herbert Sarah Ann Hersh Cori Michelle Hertz Jennifer Lauren Hession Scott Zachary Heyman Christine Nousheen Hiemstra

Danielle Saunder Himelfarb Alexandra Danielle Hittman Erika Lynn Ho Irene Hannah Ho Sze Yan Janelle Ho Janine Marie Hoerauf Nancy M. Hoffman Abigail Amy Hoglund Andrew John Holland Hannah Rose Holliday Seong-Ho Hong Derek Evan Hsu Xueying Hu Lauren Michelle Hurwitz Lindsey Zina Hutzler Darya Aleksandrovna Iventicheva Nicole Tin-Lok Jiam Nicolas Daniel Jimenez Emily Louise Johnson Hannah Reade Joo Veronica Rose Claire Jordan-Davis Anne Jun Heechul Jun Yujin Jung Erika Constance Kelley Vahakn Shant Keskinyan Samita Tahsin Khan Irina Khurana Catherine Young Kim Eunice Hyunsoo Kim Hamin Kim Hyon Young Kim Joseph B. Kim Leah Sun Kim Minji Kim Stephanie Hane Kim Tae-yeon Kim Young-Hee Kim Michelle Lee Kirk Katherine Martin Kladky Margarita M. Klimentova Vikas Nava Kodali Pamela Margaret Kopfensteiner Jonathan Kanter Kornblau Stephen Bela Kovacs Zoe Amara Koven Jacob Michael Kramer Aparna Krishnan Ramya Krishnan Nicholas Edward Krus Barbara D. Lam Garrett Richard Lasnier Joseph Leanza

David Young Lee Donghun Lee Joseph Hangel Lee Min Kyu Lee Sek Eun Lee Seung Hoon Lee Jennifer Victoria Lenz Man Hong Li Tom Zhe Liang Yali Lauren Lin Ricardo Alberto Linares Saldana Shauna Theresa Linn Jeffrey Ken Lio Melanie Nicole Love Minghao S. Lu Zhen Arthur Lu Rubi Elizabeth Luna Patrick Daniel Lynch Tirsit Makonnen Jeremy Pritchard Mann Adali Martinez Iillian Marie Martynec Roland Vincent Massimino Gabrielle Elissa Matuzsan Timothee P.E. Maubrey Jeremy Lawrence Maurer Vasilios Dimitrios Mavrophilipos Timothy Smith McCarty Craig Nelson McCue Laritza Mendoza Ionathan Daniel Michaelson Alexandra Marie Miller Kelsey Rose Miller Christopher A. Mirasola Alexys Laura Monoson Lina Maria Montoya Tyler Reisig Mordecai Hannah Elizabeth Moulden Ilayda Yagmur Muftuoglu Shayla Joyce Nagy Nadav Nahumi Seung Nam Emily Ann Needell Danielle Paulina Nemzer Cuong Quoc Nguyen Erik Kristian Nielsen Stephen Michael Niemiec Tariq Abdulrahman Noaman Lyndon J. O'Connor Emmanuel Chibuikem Ohuabunwa Fareedat Oluwatosin Oluyadi Matthew Joseph Oresky Molly Rose O'Shea Leanna Marie Owen David Jeesoo Park

Ju Won Park

Benjamin Stanley Parker Sabina Khyal Pathan Ellie Michelle Pavlick Brian Loughran Peters Paige Alexia Peterson Hannah Elizabeth Phillips Jessica Jeanette Phippen Blake Joseph Platt Benjamin Charles Ponedel Karen Irene Poreh Justin Roy Porter John Robert Power Robert Bryan Powers Charles James Pribble Calvin Price Matthew Gary Putkoski Steven Yang Qian Laura Elizabeth Quigley Anita Ram Isaac Anderson Rauch Sheila Razdan Kristen Marie Redsun Russell Abbott Reeves Erin Elizabeth Reilly Clare Casey Richardson Ianice Dai-Lin Rivelle Carlos Omar Rivera-Morales Catherine Anne Rizzoni Elizabeth Claire Rogers Eve Bennett Rorison Alexander Brett Rose Andrew Samuel Rosenberg Rachel Tamar Rosenzweig Douglas Earl Ross Evelyn C. Ross Oliver Henry Roth Alexis Taylor Roy Alexandra Ruan Zachary Michael Rubin Paul Michael Ryberg Andrew Victor Rys Sebastian Salas-Vega Nicole Lynn Salter Gabriel Simon Salzman Joseph Robert Santaniello Rachel Mara Sax Ankita Saxena Sarah Elizabeth Schriber Sarah Elise Schulman Teresa Andrea Scontras Nina Nashat Semsarzadeh Srona Sengupta Ashlie Sewdass Priya Sharma Anna Kathleen Shepard

Ji Won Shon

Beshoy Ramses Sidhom Gabriela Sally Siegel Stephen Joseph Haig Sihelnik Grant Jacob Silow Anisha Chaddha Singh Shabeg Singh Joni Lu Sliger Sarah Mae Smith Stephanie Marie Smith Andrew Richard Snavely Emily Jane Sneff Claire Ellen Snodgrass Chorong Song DaYoung Amanda Song Linda Huijie Song Sang Hun Song Eric Lawrence Soriano Camille Taraneh Soroudi Keith Robert Spangler Calum William Donald Spicer Diana Jacqueline Stern Shelby Anne Stewart Catherine Carlisle Stoeckle Louisa Ryder Strauss Lisa Nicole Strouss Emily Samantha Sucher Yoon-Kyu Sung Benjamin Thomas Swartz Raafay Hussain Syed Audrey Joan Szepinski Nicholas Andrew Szoko Rebka Tekeste Tiffany Rose Tembreull Jonathan Jin Yuan Teo Claire E. Terry Eleanor Elizabeth Thadani Rachael Mei Mei Tillman McCahey Roberts Townsend Luke P. Trapp Alex Paul Treiger Dona Trnovska Annie J. Tsay Kathleen Bernadette Tucker David Edmund Vaino Ramya Sri Vallabhaneni Laura Hope Vazquez Ashan Kyle Veerakumar Damaskene Danae Vokolos Alexis Victoria von Kunes Newton Gleb M. Vorobjev Neil Menelaos Vranis Trang Ngoc Diem Vu Jason Victor Walsh Laura Paige Weber Tiffany Wei Cydney Rebecca Weiner

Shanna Leigh Weitz Samuel Joseph Wernick Eric Ross Wertheim Benjamin Daniel Wetzler Amy Joann Wharton Nina Elizabeth Wheeler Ian Thomas White Sandhira Himath Wijavaratne Andrew James Wilbur Darcy Erika Wilson Allison Florence Wise Laurin Patricia Wolf William Scott Wolfe Samuel Jaeyoon Won Christine Clark Wozniak Lindsay Jade Yanakakis Hui Yang Myung Sung Yang Yunpeng Yang Ashok Papa Rao Yerramsetti Jessica E. Yoo Jungmi Winny Yun Eddy Dirk Zandee van Rilland Jiaqi Zhou

The G.W.C. Whiting School of Engineering

Baccalaureate Candidates Graduating with General Honors

Thomas Henry Aird Mouhamed Motaz Alkaysi Diego Ardila Winston Junyan Aw Ryan Burne Barrett Jonathan Adams Beagan Emily R. Blake Michael Hunter Brown Shutian Cai Anthony Shenkai Chang Chen Chen Michael Wu Chen William Cheng Chen Jia Jun Chia Chen Chun Chiang Beom Joon Cho Won Jong Choi Woo Jin Choi Alvin Cheng-Hock Chua Jr. Emmalynn Jayne Connor Heidi Renee Culver Kelsey Renee Dean Erin Marie Deda

Alperen Degirmenci Nuala Wheeler Del Piccolo Peter Kari Denny James Julias Doverspike Stephen John Dria Brendan L. Ebers Caleb James Fan Benjamin Isaac Goldberg Holly Laura Goodman Benjamin James Googe Robert C. Grande Jesse Aaron Grodman Amrita Gupta Manaswi Gupta Saumya Suresh Gurbani Jesse Ian Hamilton Lichy Han Yujie Han Charlotte Louisa Healy Lucas Richard Fath Henneman Caroline Steele Henriques Daniel Ho Samuel Hu Ally Huang Bozhou Huang Kevin Michael Hughes Kelsey Marisa Humphries Alison Rose Ann Ignatowski Rohan Kumar Jain Minyoung Jeon Martin George Kelly Andrew Yang Kim Jongsoo Kim Peter Kim Robert Kim Yonjae Joshua Kim Yu Seon Kim Markus Nelson Kowalsky Frederick Howe Kuo Moon Young L. Lee David Li Bryant Lie Ioan Adrian Lina Alexander Guan-Jey Liu Lai-yue Sam Luo Anita Luong Henry Ma Kevin Patrick McDermott Jonathan Daniel Mest Abhigyan Mukherjee Tanziyah Muqeem Vincent Tak Ng

Neil Philip O'Donnell

Won Chan Oh

Tzia Ming Onn

Spencer Ong

Stephen Nicholas Pallone Christian Paul Parrish Richard Jay Powers Christopher Robin Price Anthony Stephen Priolo Arvind Ravichandran Matthew David Rice Giuliana Rotunno Sevdalina Petkova Sabeva Diego Salume Marianna Katherine Sayeg Aaron Mitchell Schecter Ionathan Andrew Schwam Kelly Anne Schwarz Peter N. Sebrechts Jonathan Sevilla Cazes Aakash Yogesh Shah Rohan Shah Evelyn Shen David Sung Shin Joshua Ryan Smith Carl Philip Snyder Conan Kin-Ming So Jeffery Wookeon Song Alexander R. Strachan Steven Hankong Su Shao Mei Tan Catherine Alys Tarakajian Juan David Tobon Lotero Joanna Wilhelmina Tsao Boonsom Uranukul Michael Eugene Van Maele Erik Martin von Heijne Gregory Alexander Vorsanger Zachary Allen Wach Jonathan Keavney White Adam Yao Xiao Yijie Xu Peter Huayue Yang William Edward Yang Franklin Yao Qing Xiang Yee David Yin James Jun Ying Courtney Sarah Young Meagan Patricia Young Noah Paul Young Sohail Zahid Stephen Qianxiong Zhao

Engineering for Professionals

Masters Candidates Graduating with Honors

Kevin Roy Abercrombie Matthew Aaron Alexander Trevor Laurin Ashby Charles E. Battleson Rvan William Beeler Tewodros Tesafa Belay Walter Robert Bender Jonathan Ben-Joseph Juan Faustino Berrocal Andria Gayle Beyer Whitney Lauren Blackman Deborah Elizabeth Bosley Heather Rose Bromley Justin Terrell Brown Dominique Isaac Brule Robert Francis Bussink Roger Cohoon Bylsma Joshua Edward Calloway Michael Christopher Campbell Jennifer Marie Cannon Angela Marie Carter Kevin Ryan Chapman Christopher Jung Cho Richard Chu Michael D Cohn Iason Coleman John Colthar Deidre Chantel Connor Jeffrey Edward Cook Denise M D'Angelo-Killorin Matthew T Della Andrew James Despirito Alan Yi Ding Paul M Diorio Kevin Dwayne Dull Steven Lee Dyer Christopher Earle Robert Drew Edgerly Michael James Ennis Timothy Allen Erickson Won K. Everett Rvan Patrick Flynn Christopher Earl Foster Marlene Elizabeth Fox-McIntyre Bradley Ryan Freeman Nicholas C Garneski Eric Wayne George Andrew Gidwani Zachary Nathan Goldstein

Steven Joseph Handy Christopher Robin Hardison Mashfique Hassan Robert Daniel Heller Raymond Joseph Hensberger Stephen Herman Nesmary Hernandez Gabriel Hohner Melissa Ann Holman Kevin Matthew Hooper Erin Lynn Jacobs Jeffrey Scott Janos Melissa Elizabeth Jansen Joel Michael Jorgensen Megan Anne Keenan Kenny Hong Kei Larry Mark Kennedy Richard Leo Koretke Joel Daniel Krayer Marco Antonio Lara Guzman Marla Ann Leahy Jonathan Clayton Leininger William Leung Hui Li Karina Allison Lipsman Roanne Shin Yee Louie Nicholas Arthur Lumsden Rebecca Elizabeth Lund Quang Truong Luong Edward Brian Ly Jared Ryan Macon Aleksandr Sergeyevich Malorodov Donne Nell Martin Carl Wade Martin Michael Mazzella Cormac Downman McCarty John Robert Mcintosh Mark Daniel McMillen Joseph Alan Meacham Neil Porter Miller Nikolai Raymond Miller Benjamin W Milligan Christine Marie Miranda Sean Sungeun Moon Christopher Robert Moore Nadiyah Sabreen Morgan Megan Lorraine Moundalexis Mia Mujezinovic Laurel Alane Nason Zainab D Nejati Jennifer Lam Nguyen Daniel William Noble Keith Matthew Nolan Gregg Alan Occhiogrosso Jonathan Robert Ohman

Michael Gerard Olszewski

Taylor Andrew Green

Brian Joseph Hairfield

Erik A Hampson

Rashmi Mulchand Patel Bryan Thomas Perozzi Joseph Khoa Pham Matthew Hewit Plough Matthew Ploutz Rohit Narayan Ray Toby Einar Reed Andrew Gilbert Regan Mariel Lea Rissmiller Adrienne Ann Rivera Jesse Babkoff Rome Gregory Joseph Ross Kenneth John Sanderson Gary Alexander Schafer Seth B Schapiro Timm E. Schatz Daniel R Scheinerman Trevor Michael Scott Richard John Seagraves Ioanna M Serra Nicholas Alexander Sfida Peter Joseph Shapiro David Lewis Sharka Jasmine Chanel Shaw Stephanie Maree Showell Varun Singh Kaylan Arlene Sites Trevor Reece Skipp Matthew Benjamin Slagel Micah David Snyder John Luke Stevenson Nathaniel Lee Stokoe William Ricardo Sweeney Michal Tabor Ernest S Tavares Chantel Marie Taylor Ashley R Temple Leslie Thomas James Ernest Thouin Michael Charles Thresher Vivek Viswanathan Aaron Michael Ward Matthew James Wargo Tiffany Lee Warrington Russell Eugene Wasinchism Frank Watson Kyle Thomas Weber Michael Andrew Webster Kristie Lee Welch Rasheeda Medoria White Michael David Wilson Timothy Wofford Jeffrey Alexander Wright Peter Kuang Tzu Yang Joseph David Zanetti Gregory Bryan Ziskind

The Carey Business School

Baccalaureate Candidates Graduating with General Honors

Roger Nathanial Ashby Kathryn E. Jeter Malgorzata Krakowiak Douglas James Lamude Daniel Listhaus Ehsan Mahmoudyeh Svetlana O. Marrow Anguel A. Nakov Joshua Reich Neal Warren Shenk Jeremy D. Winter

The School of Education

Baccalaureate Candidates Graduating with General Honors

Anita L. Allen David W. Ennis Stephen J. Wilson Woodrow W. Jones Ronnie D. Smith

The Zanvyl Krieger School of Arts and Sciences

Baccalaureate Candidates Graduating with Departmental Honors

Sara Ibrahim Abdel Rahim, Anthropology Selee Ahn, History of Art Arielle Jessica Alpert, Earth and Planetary Sciences Stephanie Ann Amalfe, Cognitive Science Julia Keelan Angley, Writing Seminars Jacob Theodore Appet, Writing Seminars Caroline Richey Arenz, Classics Margaret Peck Ashton, History Winifred Au, Writing Seminars Amy Elizabeth Babay, Cognitive Science Sabeeh Ahmed Baig, Anthropology Christopher Joseph Bailey, Mathematics

Gabrielle Alanna Baros Barr, History Jerusha Elana Barton, Writing Seminars Christopher Steven Benner, English and Writing Seminars Mark Charles Bennett, Spanish Allegra Elisabeth Bettini, History of Art Jeffrey Alexander Bismayer, Writing Seminars Meaghan Rae Bresnahan, Writing Seminars Katherine Lucille Brossman, Writing Seminars Amy Lou Brouner, English Sarah Elizabeth Capponi, Writing Seminars Leela Chakravarti, Neuroscience Hsia-Ting Chang, Writing Seminars Emily W. Cheung, Writing Seminars Bing Shao Chia, Molecular and Cellular Biology Elliot H. Choi, Neuroscience Hyochan Chun, History Eric Allen Conner, History Anisha Contractor, Neuroscience Amy Marie Conwell, Writing Seminars April Yu Cui, Cognitive Science Nicholas Timothy Culbertson, Molecular and Cellular Biology Stephanie Lynn Curtin, English Jeffrey Rogers Dandoy, Physics Sean Jeffrey Dangelmajer, Biology Michal De-Medonsa, Philosophy Nolan Thomas DiFrancesco, International Studies Robert Lawrence Dilley, Molecular and Cellular Biology Kelsey Donohue-Malatesta, Writing Seminars Colleen Bishop Dorsey, Writing Seminars Galen Bern Druke, Italian Elizabeth Baig Duval, Writing Seminars Mary Elizabeth Dzwonchyk, Writing Seminars Kevin Michael Easterly, English Sheldon Laurence Edwards, Molecular and Cellular Biology Jewel Jenice Edwards-Waldo, Writing Seminars

Benjamin Henry Eisenberg, Political Science Warren Arthur Elgort, Writing Seminars Laura Stephanie Elsener, Economics Mary Katherine Theresa Fanning, French Jacqueline Marie Ferguson, Public Health Studies Molly Hart Fessenden, History Christine Naomi Fiedler, International Studies Drummond Buschman Fielding, Mathematics and Physics Alyson Hopkins Friedensohn, Earth and Planetary Sciences Luke Anthony Ginocchio, Physics Amanda Michelle Glasser, Cognitive Science Rebecca Lynn Goetz, International Studies Amanda Michelle Goldman-Petri, Writing Seminars William G. Goldweit-Denton, Political Science Lindsey Rachel Greenberg, English and Writing Seminars Xuanni Mimi Gu, German and Romance Languages and Literatures Monica Brittany Lowe Harris, History Christine Nousheen Hiemstra, Chemistry Janine Marie Hoerauf, Neuroscience Nancy M. Hoffman, Classics and Writing Seminars Abigail Amy Hoglund, Writing Seminars Xueying Hu, Neuroscience Eunmi Hur, Molecular and Cellular Biology Nicole Tin-Lok Jiam, Neuroscience Hannah Reade Joo, Neuroscience Heechul Jun, Neuroscience Daniel Robert Kaplan, History Elizabeth Anne Kaplan, Spanish Samita Tahsin Khan, Sociology Young-Hee Kim, Public Health Studies Michelle Lee Kirk, Biology Margarita M. Klimentova, International Studies

Rachel Meira Koffsky, History of Art Pamela Margaret Kopfensteiner, Cognitive Science Stephen Bela Kovacs, Molecular and Cellular Biology Jacob Michael Kramer, Latin American Studies Nicholas Edward Krus, Economics Barbara D. Lam, Writing Seminars Garrett Richard Lasnier, Philosophy Joseph Hangel Lee, International Studies Seung Hoon Lee, Neuroscience Jennifer Victoria Lenz, French Ricardo Alberto Linares Saldana, Molecular and Cellular Biology Melanie Nicole Love, Writing Seminars Zhen Arthur Lu, Molecular and Cellular Biology Patrick Daniel Lynch, International Studies Tirsit Makonnen, Public Health Studies Jeremy Pritchard Mann, Mathematics Adali Martinez, Neuroscience Vasilios Dimitrios Mavrophilipos, Chemistry Anne Elizabeth McGovern, Writing Seminars Lindsey Katherine McManus, Writing Seminars Kelsey Rose Miller, Writing Seminars Christopher A. Mirasola, International Studies Natalie Ailene Moreno, Writing Seminars Hannah Elizabeth Moulden, Writing Seminars Hadley Marie Nagel, History Lily Hay Newman, History of Science, Medicine and Technology and Writing Seminars Cassandra Mary Nicotra, Cognitive Science Erik Kristian Nielsen, Molecular and Cellular Biology Molly Rose O'Shea, Cognitive Science and Spanish Leanna Marie Owen, Biophysics Fabio Eduardo Palacio, Sociology

David Jeesoo Park, Molecular and

Cellular Biology and Chemistry

Ju Won Park, History of Art Benjamin Stanley Parker, Molecular and Cellular Biology and Spanish Hannah Elizabeth Phillips, German and Romance Languages and Literatures Blake Joseph Platt, Chemistry Benjamin Charles Ponedel, Mathematics and Physics John Robert Power, Neuroscience Calvin Nicholas Price, History Clare Casey Richardson, Writing Seminars Nathan Moses Risinger, Writing Seminars Carlos Omar Rivera-Morales, History Abigail Phoebe Roberts, History Hollisa Francisca Maria Rosa, Public Health Studies Andrew Samuel Rosenberg, International Studies Rachel Tamar Rosenzweig, History of Art Alexis Taylor Roy, Neuroscience Alexandra Ruan, Public Health Studies Kimberly Veronica Rubens, History Paul Michael Ryberg, Earth and Planetary Sciences Sebastian Salas-Vega, Neuroscience Sarah Collins Salovaara, Writing Seminars Nicole Lynn Salter, International Studies Gabriel Simon Salzman, Biophysics Lucas Abraham Sand, Writing Seminars Sarah Elise Schulman, Writing Seminars Michael McNair Schwerin, Writing Seminars Srona Sengupta, Molecular and Cellular Biology Ashlie Sewdass, Public Health Studies Joni Lu Sliger, Earth and Planetary Sciences Andrew Richard Snavely, Molecular and Cellular Biology Emily Jane Sneff, History Claire Ellen Snodgrass, Spanish Chorong Song, Neuroscience

Camille Taraneh Soroudi, Molecular and Cellular Biology Calum William Donald Spicer, Mathematics Diana Jacqueline Stern, French and Writing Seminars Natalie Jane Stewart, International Studies Shelby Anne Stewart, Writing Seminars Kevin Harrington Strang, Public Health Studies Louisa Ryder Strauss, History of Art Yoon-Kyu Sung, Public Health Studies Benjamin Thomas Swartz, History Raafay Hussain Syed, Philosophy Jane Syh, Writing Seminars Nicholas Andrew Szoko, French Jessica Ann Taggart, English Jonathan Jin Yuan Teo, Biophysics and Physics Eleanor Elizabeth Thadani. German and Romance Languages and Literatures McCahey Roberts Townsend, History Tiffany Rose Trembreul, Earth and Planetary Sciences Dona Trnovska, History of Art Annie J. Tsay, Public Health Studies David Edmund Vaino, International Studies Damaskene Danae Vokolos, Classics and History of Art Alexis Victoria von Kunes Newton, Writing Seminars Trang Ngoc Diem Vu, Molecular and Cellular Biology Christina Ashley Warner, Writing Seminars Tiffany Wei, Physics Wenchi Wei, East Asian Studies and International Studies Cydney Rebecca Weiner, Writing Seminars Shanna Leigh Weitz, International Studies Eric Ross Wertheim, Writing Seminars Nina Elizabeth Wheeler, History of Art and Writing Seminars

Sandhira Himath Wijayaratne,
Sociology
Samuel Jaeyoon Won,
Molecular and Cellular Biology
Hui Yang,
Molecular and Cellular Biology
Yunpeng Yang, Neuroscience
Ashok Papa Rao Yerramsetti,
Neuroscience
Jessica E. Yoo,
English and Writing Seminars
Anna Elizabeth Zetkulic,
Anthropology; Political Science

The G.W.C. Whiting School of Engineering

Baccalaureate Candidates Graduating with Departmental Honors

Thomas Henry Aird, Environmental Engineering Mouhamed Motaz Alkaysi, Civil Engineering Diego Ardila, Biomedical Engineering Winston Junyan Aw, Biomedical Engineering Ryan Burne Barrett, Biomedical Engineering Jonathan Adams Beagan, Biomedical Engineering Emily R. Blake, Chemical and Biomolecular Engineering Kieran Griffith Brantner-Magee, Computer Science Michael Hunter Brown, Mechanical Engineering Shutian Cai, Chemical and Biomolecular Engineering Anthony Shenkai Chang, Biomedical Engineering Chen Chen, Biomedical Engineering Michael Wu Chen, Biomedical Engineering William Cheng Chen, Biomedical Engineering Won Jong Choi, Biomedical Engineering Woo Jin Choi, Biomedical Engineering

Ian Thomas White,

Writing Seminars

Alvin Cheng-Hock Chua Jr., Chemical and Biomolecular Engineering Emmalynn Jayne Connor, Biomedical Engineering Mark Joseph Corwin, Computer Science Heidi Renee Culver, Materials Science and Engineering Kelsey Renee Dean, Chemical and Biomolecular Engineering Alperen Degirmenci, Mechanical Engineering Nuala Wheeler Del Piccolo, Biomedical Engineering Peter Kari Denny, Mechanical Engineering Judy C. Doong, Biomedical Engineering James Julias Doverspike, Computer Science Stephen John Dria, Biomedical Engineering Brendan L. Ebers, Computer Science Caleb James Fan, Biomedical Engineering Benjamin Isaac Goldberg, Mechanical Engineering Catia Solange Goncalves, Computer Science Benjamin James Googe, Biomedical Engineering Robert C. Grande, Mechanical Engineering Jesse Aaron Grodman, Computer Engineering and Electrical Engineering Amrita Gupta, Biomedical Engineering Manaswi Gupta, Computer Science Saumya Gurbani, Biomedical Engineering Jesse Ian Hamilton, Biomedical Engineering Lichy Han, Biomedical Engineering Yujie Han, Biomedical Engineering Charlotte Louisa Healy, Civil Engineering Lucas Richard Fath Henneman, Environmental Engineering Ally Huang, Biomedical Engineering Bozhou Huang, Civil Engineering Kevin Michael Hughes, Computer Engineering

Kelsey Marisa Humphries, Biomedical Engineering Alison Rose Ann Ignatowski, Civil Engineering Haruka Imura, Biomedical Engineering Rohan Kumar Jain, Biomedical Engineering Serena Frances Jeblee, Writing Seminars Minyoung Jeon, Biomedical Engineering Martin George Kelly, Computer Science Andrew Yang Kim, Biomedical Engineering Jongsoo Kim, Biomedical Engineering Peter Kim, Biomedical Engineering Robert Kim, Biomedical Engineering Sang-Keun Kim, Biomedical Engineering Yonjae Joshua Kim, Biomedical Engineering Yu Seon Kim, Chemical and Biomolecular Engineering Markus Nelson Kowalsky, Biomedical Engineering Moon Young L. Lee, Chemistry David Li, Biomedical Engineering Peter Clement Li, Biomedical Engineering Simon Wei-Quan Lim, Biomedical Engineering Ioan Adrian Lina, Biomedical Engineering Alexander Guan-Jey Liu, Biomedical Engineering and Computer Science Lai-yue Sam Luo, Biomedical Engineering Henry Ma, Biomedical Engineering Eric Madar, Biomedical Engineering Kevin Patrick McDermott, Applied Mathematics and Statistics Abhigyan Mukherjee, Biomedical Engineering Tanziyah Muqeem, Biomedical Engineering Alexander Nathan, Applied Mathematics and Statistics Vincent Tak Ng, Computer Science Neil Philip O'Donnell,

Biomedical Engineering

Won Chan Oh, Biomedical Engineering Spencer Ong, Computer Science Tzia Ming Onn, Chemical and Biomolecular Engineering Stephen Nicholas Pallone, Applied Mathematics and Statistics Deng Pan, Biomedical Engineering Rebecca Boyce Phillips, Environmental Engineering and French Richard Jay Powers, Applied Mathematics and Statistics and Biomedical Engineering Christopher Robin Proce, Mechanical Engineering Anthony Stephen Priolo, Applied Mathematics and Statistics Matthew David Rice, Mechanical Engineering Giuliana Rotunno, Biomedical Engineering Sevdalina Petkova Sabeva, Civil Engineering Diego Salume, Computer Engineering and Computer Science Marianna Katherine Sayeg, Chemical and Biomolecular Engineering Aaron Mitchell Schecter, Applied Mathematics and Statistics Jonathan Andrew Schwam, Computer Science Kelly Anne Schwarz, Chemical and Biomolecular Engineering Peter N. Sebrechts, Mechanical Engineering Jonathan Sevilla Cazes, Biomedical Engineering Rohan Shah, Biomedical Engineering David Sung Shin, Biomedical Engineering Joshua Ryan Smith, Computer Science Carl Philip Snyder, Mechanical Engineering Conan Kin-Ming So, Biomedical Engineering Jeffrey Wookeon Song, Environmental Engineering Alexander R. Strachan, Applied

Mathematics and Statistics

Steven Hankong Su, Applied Mathematics and Statistics and Biomedical Engineering Shao Mei Tan, Electrical Engineering Catherine Alys Tarakajian, Electrical Engineering Juan David Tobon Lotero, Mechanical Engineering Tsung Jui Tsai, Biomedical Engineering Boonsom Uranukul, Chemical and Biomolecular Engineering Michael Eugene Van Maele, Biomedical Engineering Erik Martin von Heijne, Environmental Engineering Xin Yuan Wang, Computer Science Adam Yao Xiao, Biomedical Engineering Menghan Xu, Applied Mathematics and Statistics Yijie Xu, Biomedical Engineering Peter Huayue Yang, Biomedical Engineering William Edward Yang, Biomedical Engineering Franklin Yao, Biomedical Engineering Qing Xiang Yee, Biomedical Engineering David Yin, Biomedical Engineering James Jun Ying, Biomedical Engineering Courtney Sarah Young, Chemical and Biomolecular Engineering Meagan Patricia Young, Civil Engineering Noah Paul Young, Biomedical Engineering Sohail Zahid, Biomedical Engineering Stephen Qianxiong Zhao, Chemical and Biomolecular Engineering * Please note that some students

* 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 IN ORDER OF PRESENTATION

DOCTORAL DEGREES -

THE SCHOOL OF EDUCATION

Doctor of Education

Citlali Miranda-Aldaco, *Teacher Development*. Broadening Horizons in a Shrinking World: A Mixed Method Study on Foreign Language Learning.

THE PEABODY CONSERVATORY OF MUSIC

Artist Diplomas

Lee Mills, Conducting Marie-Ève Poupart, Violin

Doctors of Musical Arts

Kyung Hye Baek, Piano
Shao-Hsun Chang, Piano
Lie Chen, Piano
Chungwon Chung, Piano
Daniel Lee Colston, Viola
Kaori Hongo, Organ
Eun Hae Grace Kim, Piano
Jeong-Hyun Kim, Flute
Wen-Chun Ku, Piano
Hye-Yeon Park, Piano
Benjamin Daniel Schneider,
Wind Conducting
Tracy Anne Smith, Guitar
Huai-En Tsai, Trombone
Sidney Shung Lim Yin, Piano

THE SCHOOL OF NURSING

Doctors of Nursing Practice

Katy Kai-Ti Chang.
Implementation of a
Comprehensive Laboratory
Tracking System to Improve
Timely Follow-Up and Report
of Test Results in a Pediatric
Outpatient Setting—Project
Animals.

Maria J. Colón. Increasing Nurse Retention in a Nurse Call Center Work Environment— An Evidence Based Practice Initiative.

Sarah Ann Keil Heinonen. Fetal Echocardiography Referral Project (FERP).**

Amy Taylor Hetz. Breastfeeding Promotion and Support in the Pediatric Primary Care Setting.

Sherri Yvette Johnson. Improving Systems Outcomes in Abnormal Results Tracking.

Carrie Lynn Kairys. Improving Contraceptive Counseling by Instituting a Physician Reminder with Clinical Decision Support.

Susan Virginia Kulik. An Analysis of Patient Calls, Assessment of Unit-Based Teamwork, and Intervention Strategies.

Donna Marie LoSasso. Tiny
Babies and Their Families with
Big Needs: Evidence-Based
Care to Improve the Transition
Home.

Judith Day McLeod. Juvenile Fibromyalgia Syndrome and Improved Recognition by Pediatric Primary Care Providers.

Diana Lynn Meyer. Using Music Therapy to Improve Patients' Satisfaction with Pain Management. Jill Ann Peacock. Translating Best Care Practices to Improve the Quality of Care and Documentation for Patients Requiring Home Mechanical Ventilation and/or Tracheostomy Tube Support.**

Judy Lynn Pressley Phillips. Breast Cancer Lymphedema Risk Minimization.

Elie Salameh. Non-Attendance with Clinic Follow-Up Appointments: Diabetes as Exemplar.*

Billinda Dubbert Tebbenhoff. The Use of Virtual Reality for Stress Reduction in College Students.

Monica Lynne Van Dongen.
Enhancing the Quality of
Bowel Preparation for
Colonoscopy.

Laura Jane Wood. Mitigation of Intravenous Infusion Pump-Related Obstacles of Intensive Care Nurses via CUSP (Comprehensive Unit-Based Safety Program).

Rosalind Letitia Wright. The Prevention of Pressure Ulcers in Long Term Care.

Lina Afif Younan. A Systems Approach to Safe Intershift Handoff in Acute Care Nursing.

Doctors of Philosophy

Karen Keady Davis. Disease Specific Knowledge, Self-Care, and Health Care Utilization in Heart Failure Patients with Mild Cognitive Impairment.

Kristal Celeste East Melvin.
Couple Functioning and Post-Traumatic Stress in Operation Iraqi Freedom and Operation Enduring Freedom Veterans and Spouses.*

Sara Ann Rosenthal. Parent Decision Making for Critically Ill Neonates. Katherine Ramelle Nash Scafide.

Determining the Relationship between Skin Color, Sex, and Subcutaneous Fat and the Change in Bruise Color over Time.

THE BLOOMBERG SCHOOL OF PUBLIC HEALTH

Doctors of Public Health

Claire Champion, International Health. Health Systems
Strengthening in Post-conflict
Settings: Employee and Patient
Satisfaction in Hospitals in
Afghanistan.**

Shao-Yi Cheng, Health Policy and Management. Evaluation of Multidisciplinary Palliative Care in Terminally Ill Cancer Patients in Taiwan.

Susan A. Ghanbarpour,

Population, Family and
Reproductive Health.

Understanding Factors that
Influence the Practice of Safety
Strategies by Victims of
Intimate Partner Violence.**

Soawapak Hinjoy, Epidemiology.
The Epidemiology of Hepatitis
E Virus and the Relationship
between Infection in Pigs and
Humans in a Community of
Agricultural-food System in
Nan Province, Thailand.

Lynn Huynh, *Epidemiology*.

Episol Study Simulator 1.0:
A Tool to Design Cost-efficient
Epidemiological Studies.

Samar George Khoury,
Environmental Health Sciences.
Drinking Water and Child
Health in Shatila Palestinian
Refugee Camp in Beirut,
Lebanon.*

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.

- I-Fong Sun Lehman, Health Policy and Management. Reducing Blood Waste: The Effect of Implementing a Maryland Collaborative.*
- Yi-Lien Liu, Health Policy and Management. The Effects of Low Intensity Lifestyle Modification for Young Adults with Metabolic Syndrome in Yilan County.**
- Susan M. Moodie, *Environmental Health Sciences*. Lead and Child Health in Mining-affected Communities.
- Anna Coleen Copeland Robert,
 Population, Family and
 Reproductive Health. Family
 Planning in Retail Health
 Clinics: The Clinician
 Perspective.*
- Savitha Subramanian,
 International Health. An
 Evaluation of the Quality of
 Counseling Provided by
 Community Health Workers in
 an Integrated Maternal,
 Neonatal, and Postpartum
 Family Planning Program in
 Sylhet, Bangladesh.

- Eric D. Abston, Environmental
 Health Sciences. The Acute and
 Chronic Effects of Differential
 TH2 Responses in
 Coxsackievirus B3-induced
 Myocarditis and Dilated
 Cardiomyopathy.*
- Abena Serwaah Agyeman,
 Biochemistry and Molecular
 Biology. Establishing Candidate
 Biomarkers to Determine the
 Pharmacodynamic Action of
 Sulforaphane in the Breast.**
- Adam Allard Allston, Population, Family and Reproductive Health. The Significance of Wealth in Understanding Associations between Race and the Risk of Low Birth Weight.*

- Bridget Kathleen Ambrose,

 Epidemiology. Tobacco

 Cessation at the Intersection of the Injection Drug Use, HIV and Tobacco Use Epidemics in Baltimore, MD (1988–2010).*
- Carmen Sofia Arriola, *International Health*. Antimicrobial Resistant Bacteria and Use of Antimicrobials in Pig Farming in Peru.*
- John W. Ayers, Health, Behavior and Society. Using Aggregate Internet Search Queries for Mental Health Surveillance.**
- Della Berhanu, *Epidemiology*. Khat Use: Its Association with HIV Status and CD4 T Cells.*
- Jennifer Feder Bobb, *Biostatistics*.
 Statistical Analysis of Multisite
 Time Series Date for
 Estimating Health Effects of
 Environmental Exposures.
- Paulo Alexandre Faria Boto,

 Health Policy and Management.

 Risk Adjustment in a European

 Primary Care Context: Assessing
 the Properties of Adjusted
 Clinical Groups (ACG) for

 Predictive Modeling, for Special
 Populations and Using ATC

 Pharmacy Codes.**
- Amy M. Branum, International Health. Fruit and Vegetable Intake in US Children and Adolescents: Measurement Error and Determinants.*
- Inés Verónica Bustamante, *Mental Health*. Parental Monitoring and Problem Behavior.
- Jennifer Anne Callaghan,
 International Health. Evaluating
 the Scale-up of Community
 Case Management in Malawi:
 Health System Supports,
 Health Worker Attitudes, and
 Equity of Service Provision.*
- Ramya Chari, Health Policy and Management. Modification of Lead Toxicity by Socioeconomic Factors and Implications for Environmental Policy.*

- James Ryan Cope, Health Policy and Management. Estimating the Factors Associated with Health Status and Access to Care among Iraqis Displaced in Jordan and Syria using Population Assessment Data.*
- Michael Joseph Coronado,

 Environmental Health Sciences.

 Role of Testosterone in

 Coxsackievirus B3 Myocarditis
 and Dilated Cardiomyopathy.
- Sufia Simjee Dadabhai,

 Epidemiology. Population-based
 HIV Surveillance: Strategic
 Data for Monitoring Care and
 Treatment in Kenya.**
- Amy Marie Daniels, Mental Health. The Influence of State Medicaid Program. Characteristics and Well-child Care on Age at Autistic Disorder Diagnosis in Medicaid-enrolled Children with Autistic Disorder.
- Meghan Frost Davis,
 Environmental Health Sciences.
 Community Risk for
 Antimicrobial-resistant
 staphylococcus aureus.
- Paul Joseph Dluzniewski, Epidemiology. Genetic Variation and Prostate Cancer Incidence and Recurrence: How much is due to bias?**
- Kerry Brandt Dunbar, Clinical Investigation. Confocal Laser Endomicroscopy for Barrett's Esophagus and Gastroesophageal Reflux Disease.
- Beth Jamie Feingold,

 Environmental Health Sciences.

 Satellite Remote Sensing
 and Spatial Epidemiologic

 Methods for Improving Risk

 Characterization of Livestock

 Associated Methicillin Resistant

 staphylococcus aureus.*

- Christine Yu-Heng Fu, Health,
 Behavior and Society. Evaluating
 the Healing Power of Art and
 Play: A Cross-cultural
 Investigation of Psychosocial
 Resilience in Child and
 Adolescent Survivors of the
 2008 Sichuan, China
 Earthquake.**
- Samuel M. Galvagno, Clinical Investigation. Helicopter Emergency Medical Services for Adults with Major Trauma.
- Jacqueline Mary Garonzik Wang, Clinical Investigation. Transplant Education, Advocacy and the Search for Living Donors.
- Alison Diane Gernand,
 International Health. Maternal
 Nutritional Status, Total Body
 and Extracellular Water, and
 Placental Weight in Rural
 Bangladesh: A Pathway to
 Birth Weight.*
- Melissa Blair Gilkey, Health,
 Behavior and Society. Consumer
 Advocates in the Peer Review
 of Cancer-related Research:
 Experience, Representation,
 and the Lived Body.**
- Arthur Jeffrey Goldsmith,

 Biostatistics. Statistical Methods
 for Cross-sectional and
 Longitudinal Functional
 Observations.
- Whitney Austin Gray, Health
 Policy and Management. Green
 Buildings, Health, and Safety:
 An Investigation of the Physical
 Work Environment and
 Occupant Health and Safety in
 Healthcare Settings.*
- Amelia Louise Greiner, *Health*, *Behavior and Society*. Collaborative, Competitive or Co-opted? The Role of Health in Baltimore's Zoning Rewrite.*
- Nan Guo, *Epidemiology*.

 Characteristics of Chinese
 Blood Donors and their Return
 Behavior.

^{*}Degree conferred August 26, 2011

^{**}Degree conferred December 30, 2011

- Rakesh Gupta, International
 Health. Evaluating the Delivery
 Huts Program for Promoting
 Maternal Health in Haryana,
 India.*
- Emily Suzanne Gurley,

 Epidemiology. Indoor Exposure
 to Particulate Matter and Acute
 Lower Respiratory Infections in
 Young Children in Urban
 Bangladesh.
- Homaira Hanif, International Health. Multidimensional Influences on Antiretroviral Adherence and Consistent Condom Use among People Living with HIV in Rio de Ianeiro, Brazil.*
- Colleen Frances Hanrahan,

 Epidemiology. Evaluation of
 Expanded Rapid Drug
 Susceptibility Testing for
 Multidrug Resistant
 Tuberculosis in South Africa.**
- Christopher J. Harvey,

 Environmental Health Sciences.

 Identification of an

 Immunomodulatory Role of

 NRF2 in COPD

 Exacerbations.*
- Kyla T. Hayford, *International Health*. Comparison of Biomarker Surveillance of Measles Immunity to Conventional Indicators of Vaccination Coverage.
- Yea-Jen Hsu, Health Policy and Management. The Influence of the Comprehensive Unit-based Safety Program on Safety Climate and Central Lineassociated Bloodstream Infections in Intensive Care Units.**
- Chidinma Adanna Ibe, *Health, Behavior and Society.* Into the Black Box: Predictors and Outcomes of the Intensity of Exposure to a Community Health Worker Intervention.*

- Samantha Lakmali Illangasekare, Health, Behavior and Society. The Role of the Intimate Partner Violence, HIV, and Substance Abuse Syndemic in Women's Mental Health.*
- Nkemdiri Chisa Iruka, Health, Behavior and Society. An Economic Evaluation of a Patient Navigation Program for Improving Cancer Screening Adherence among Elderly African Americans in Baltimore City.
- Andrew Ellis Jaffe, *Epidemiology*.

 Incorporating High-throughput
 DNA Methylation Data in
 Epidemiological Studies.
- Monisha Eunice Jayakumar,
 International Health. Global
 Burden of Neonatal Invasive
 Pneumococcal Disease:
 A Systematic Review and
 Meta-Analysis.*
- Hua Jing, International Health.

 Maternal Iodine Deficiency
 during Pregnancy and Child
 Cognition, Motor Skills and
 Growth at Age Five Years in
 Rural Bangladesh.
- Benjamin P. Johns, *International Health*. Case Studies in Costs and Access to Health Services to Inform Health Management and Planning Decisions.
- Cynthia Ceceilia Jones, Mental Health. Moderators of the Relationship between Life Events and Depression:
 Recurrence, Social Support, and Age.**
- Jennifer Toolan Judy, *Mental Health*. Bipolar Disorder

 Genetics: Using Bioinformatics to Guide an Investigation of Epistasis.**
- Rosalyn Anne Juergens, Clinical Investigation. Targeting Epigenetic Changes in Nonsmall Cell Lung Cancer.

- Rebecca Michelle Kanter,

 International Health. Gender
 Disparities in Dietary Intake
 and Obesity Prevalence among
 Mexican Adults: A Crosscountry Comparison bewteen
 Mexico and the US.*
- Satoko Janet Kuramoto, *Mental Health*. Suicidal Ideation among Inner-city Drug Users: Association with Social Support Networks and Polydrug Use.*
- Juleen Lam, Health Policy and Management. Developing Dose-response Assessment Methods to Inform Environmental Policy: An Application of Bayesian Hierarchical Models Using Trihalomethanes.*
- Ji Li, International Health.

 Genetic and Environmental
 Influences on Children's
 Dietary Intakes, Growth and
 Health During Puberty: A
 Population-based Twin Study
 in China.*
- Tina Marie Lieu, Environmental Health Sciences. Allergic Airway Inflammation and Sensory Neuropolasticity.
- Wen-Hsuan Lin, Molecular
 Microbiology and Immunology.
 Pathogenesis and Immunity of
 Measles Virus Infection: From
 Virus Entry to Clearance and
 Within-host Modeling.
- Ann Yu Liu, Environmental
 Health Sciences. The Burden of
 Coal Abandoned Mine Lands,
 Community Context, and
 Severity and Progression of Type
 2 Diabetes in Pennsylvania.**
- Kaitlin Rainwater Lovett,

 Epidemiology. The Impact of Immune Reconstitution and Revaccination on Measles Immunity in HIV-infected Zambian Children Initiating Antiretroviral Therapy.
- Tara Ley Martinez, Molecular Microbiology and Immunology. Mechanisms of Degeneration in Spinal Muscular Atrophy.

- Allan Barksdale Massie,

 Epidemiology. Improving the
 Efficiency and Equity of
 Deceased-donor Kidney
 Distribution.
- Mara A. McAdams DeMarco, Epidemiology. The Impact of Cardiovascular Disease Risk Factors and Treatments on the Development of Gout.*
- Anne Marie McCarthy,

 Epidemiology. The Effect of
 Oophorectomy, a Cancer
 Prevention Strategy, on
 Adiposity, Bone Loss, and
 Mortality.
- Colleen Adare McHugh,

 Molecular Microbiology and

 Immunology. Identification and
 Characterization of Multimeric
 Protein Complexes from

 Myxococcus xanthus.**
- Adam Jeraldo Milam, *Mental Health*. Alcohol Outlets and Alcohol, Tobacco, and other Drug Exposure in Children and Young Adults.
- Sara Ali Mirza, Epidemiology.
 Smoking, Secondhand Smoke
 Exposure, Indoor Air Pollution
 and Risk for Invasive
 Pneumococcal Disease: A Casecontrol Study in Vellore, India.
- Ann Zenobia Moore, *Epidemiology*. Mitochondrial Genetics and Indicators of Physical Function in Older Adults.
- Kathryn E. Muessig, *Health*, *Behavior and Society*. Men Who Sell Sex to Men in China: Identity, Work and HIV.*
- Carie J. Muntifering, Population, Family and Reproductive Health. Couple Relationship Quality and Contraceptive Decisionmaking in Kumasi, Ghana.**
- Etheldreda Nakimuli-Mpungu, Mental Health. The Impact of Lifetime Depressive Disorders on Adherence to Anti-retroviral Therapy in a Rural HIV Clinic in Southern Uganda.

^{*}Degree conferred August 26, 2011
**Degree conferred December 30, 2011

- Katie Lynn Nugent, Mental Health.
 Risk Factors for Schizophrenia
 Subtypes: An Investigation
 Utilizing Danish Registries and
 Latent Variable Modeling.*
- Sande Owuoth Okelo, Clinical Investigation. The Contribution of Physician Clinical Assessment and Decisionmaking Behavior in the Quality of Asthma Care of African-American Patients.**
- Sarika Rane Parasuraman, Health Policy and Management. The Role of School Health Centers: Access to and Quality of Primary and Preventive Care among Adolescents.
- Seema Menon Parmar, International Health. An Assessment of Maternal Health Service Needs of Immigrant Women Living in East Calgary, Canada.
- Timothy Michael Pawlik, Clinical Investigation. Management of Colorectal Liver Metastasis: Understanding Shifting Treatment Strategies.
- Jennifer Lynn Pearson, Health,
 Behavior and Society. Public
 Reaction to Potential Food and
 Drug Administration Actions
 under the Family Smoking
 Prevention and Tobacco
 Control Act: Regulating
 e-Cigarettes, Banning Menthol,
 and Reducing Cigarette
 Nicotine Content.**
- Katie Nelle Provost-Javier,

 Molecular Microbiology and
 Immunology. Non-canonical
 Expression and Posttranscriptional Regulation of
 Vitellogenin Genes in
 Mosquitoes.
- Tanjala Sharece Purnell, Health Policy and Management.
 Examining Barriers to Live Donor Kidney Transplantation among Racial-ethnic Minorities in the United States:
 Opportunities for Policy Interventions.

- Shan Qiao, International Health.
 Evaluation of an HIV Peer
 Education Program among Yi
 Minority Youth in China.
- Jose Luis Ramirez, Molecular
 Microbiology and Immunology.
 Tripartite Interactions between
 the Mosquito's Immune
 System, Gut Microbiome and
 the Dengue Virus.**
- Dilini C. Ranatunga, *Molecular Microbiology and Immunology*.
 Characterizing the Effects of Cell-type Specific Human IL-10 on Disease Susceptibility.
- Megan E. Reller, *Clinical Investigation*. Reducing

 Morbidity and Mortality from

 Acute Febrile Illness by

 Improved Diagnosis.
- Lauren M. Rossen, Health Policy and Management. An Evaluation of the Food Environment along Paths to School, its Impact on Childhood Obesity, and Zoning as a Policy Solution.
- Megan Lauren Salter, Epidemiology. Evaluation of Multimorbidity, Inflammation, and Physical Performance among Aging HIV-infected and Uninfected Injection Drug Users.
- Claudine M. Samanic,

 Epidemiology. Associations of
 Cigarette Smoking and Arsenic
 Exposure with TP53 Gene
 Alterations in Bladder Cancer.*
- William Jacob Savage, Clinical Investigation. Plasma Glial Fibrillary Acidic Protein as a Biomarker of Prevalent and Incident Cerebrovascular Injury in Children.
- Stephen E. Schachterle,

 Epidemiology. Malaria in an
 Azithromycin Mass Drug
 Administration for Trachoma
 in Central Tanzania:

 Plasmodium falciparum
 Diagnostics, the Environment,
 and the Azithromycin Effect.**

- Andrea Lauren Christman Schneider, *Epidemiology*. Glycemia, Race, and Liver Disease in the General Population.
- Lindsay Brooke Schwartz, Health Policy and Management. The Importance of Health-related Quality of Life in Persons with Cognitive Impairment.
- Sheree Renae Schwartz,

 Epidemiology. Fertility
 Decision-making and Incidence
 of Pregnancy in the Context of
 Antiretroviral Therapy: Lessons
 from a Prospective Cohort
 Study of HIV Infected Women
 in South Africa.**
- Mary Catherine Sheehan, Health Policy and Management. Risk of Developmental Neurotoxicity due to Methylmercury in Seafood: Examining Global Exposures, Susceptibility and Policy.
- Rebecca Lea Shelley, Environmental Health Sciences. Metal Exposures and Kidney Outcomes in Lead Workers.
- Russell Shinohara, *Biostatistics*.

 Robust Statistical Methods for the Study of Disease through Complex Structural Outcomes.
- Veena Singh, International Health.
 Effects of a Scaled-up
 Nutrition Intervention on
 Breast and Complementary
 Feeding Practices and Growth
 in Rural Uttar Pradesh, India:
 An Evaluation of Care India's
 Integrated Nutrition and
 Health Program (INHP II).
- Erin Lynn Stanley, *Biochemistry* and Molecular Biology. Leydig Cell Stem/Precursor Cells in Neonatal, Adult and Aged Testes.*
- May Sudhinaraset, Population, Family and Reproductive Health. Urban Floaters: Examining the Sexual Risk Behaviors among Migrant Youth in Shanghai, China.*

- Sandhya Sundaram, *International Health*. Antenatal and Delivery Care in Afghanistan: Knowledge and Perceptions of Services, Decision-making for Service Use, and Determinants of Utilization.
- Andrea Swartzendruber,

 Population, Family and

 Reproductive Health. Partnerlevel STI Risk Factors and

 Perceptions of Partner Risk

 among Adolescents.
- Bruce Judson Swihart,

 Biostatistics. From Individuals
 to Populations: Application
 and Insights Concerning the
 Generalized Linear Mixed
 Model.*
- Adel Taher Takruri, *Population, Family and Reproductive Health.*Husbands' and Wives' Fertility
 Desires and Behaviors in
 Minya, Egypt Dancing a Duet
 or Two Solos?
- Maria Tellez Plaza, Epidemiology.
 Cadmium Exposure and
 Cardiovascular Disease in the
 United States: The National
 Health and Nutrition
 Examination Survey and the
 Strong Heart Study.*
- Terri-Ann Monique Thompson,

 Population, Family and

 Reproductive Health. The

 Influence of Sex Education on
 the Sexual Behaviors of

 Iamaican Youth.*
- Fang Tian, *Epidemiology*. Beyond the Prevalence: A Flexible Parametric Survival Model for Analysis of Current Status Data.
- Adrienne Tin, Epidemiology.

 Detecting Genetic Factors
 Associated with Chronic
 Kidney Disease using Multiple
 Measures and Two Novel
 Kidney Function Biomarkers.
- Sze-Wah Tse, Molecular
 Microbiology and Immunology.
 Differentiation and Migration
 of CD8 T Cells against Liverstage Plasmodium.

^{*}Degree conferred August 26, 2011

^{**}Degree conferred December 30, 2011

Marcia Herdy Varella,

Epidemiology. Patterns of
Growth in Children Born
Small-for-gestational Age:
Relationship with
Hospitalization Risk and
Cognition during Childhood.

Nikolas Itaru Wada, *Epidemiology*.

Cause-specific Mortality among
HIV-infected Individuals in the
Era of Highly Active
Antiretroviral Therapy.**

George C. Wang, Clinical Investigation. Persistent Viral Infections and Clinical Outcomes in Communitydwelling Older Adults.

Letitia Alexis Weigand,
Environmental Health Sciences.
Mast Cell Mediator-induced
Modulation of the Electrical
Excitability of Autonomic and
Sensory Nerves in the Airways.

Rayna Kim Matsuno Weise, Epidemiology. Evaluating Epithelial Ovarian Cancer Grade Using Novel Pathological and Molecular-Based Techniques.*

Jennifer Mendel Whitehill, Health
Policy and Management. Street
Outreach for Youth Violence
Prevention: Lessons from
Implementation of the
Ceasefire Model in Chicago
and Baltimore.**

Lisa Wyman, Epidemiology. The Association between Depression and Mortality in the General Community.

Yiyi Zhang, *Epidemiology*. The Relationship between Electrocardiographic QT Interval Duration and Mortality.

Anjie Zhen, Molecular
Microbiology and Immunology.
Diverse Functions of Human
APOBEC3H Genetic Variants
and Novel Functions of Viral
Protein VIF in Association
with RUNX/CBFBETA
Complex.

Jianmei Zhu, *Biochemistry and Molecular Biology*. Regulation and Function of BLM
Sumoylation During DNA
Damage Response.

THE PAUL H.
NITZE SCHOOL
OF ADVANCED
INTERNATIONAL
STUDIES

Doctors of Philosophy

Emily Brearley, Western

Hemispherel Latin American

Studies. The Political Economy
of Social Protection in Latin
America and the Rise of
Conditional Cash Transfers.**

Suzanne Christine Buono,
International Relations.

Demystifying Nuclear Proliferation: Why States do what they do.* Kevin John Croke, *International* Development, Foreign Aid, Chil

Development. Foreign Aid, Child Health, and Health System Development in Tanzania and Uganda, 1995–2009.*

David Charles Fowkes, African Studies. The Democratic Escape from the Populist Cycle: A Comparative Case Study of Five Highly Unequal Democracies.**

Bryan Adler Frederick, *International Relations*. The Sources of Territorial Stability.

Alisher Khamidov, Russian & Eurasian Studies. The Base of Contention: Kyrgyzstan, Russia and the US in Central Asia (2001–2010).*

Eunjung Lim, *Japan Studies*.

Democracy and Energy Policy
Formation: Nuclear Waste
Disposal and Reprocessing in
South Korea and Japan.

Sai Ma, South Asia Studies. Impact of Reservation Policies: India's Quota Politics during the Post-Independence Period, 1950– 2011.** Elizabeth Afua Laura Mensah, African Studies. Small Ants Make Large Hills A Microlevel Analysis of the Regional Variation of Conflict in Africa: The Ghanaian Case.**

Anit Mukherjee, *South Asia Studies*. The Absent Dialogue:
Civil-Military Relations and
Military Effectiveness in India.

Molly O'Neal, Russian & Eurasian Studies. Comparative
Democratization and Small
Business Development in
Russia's Regions 1991–2008.

Lauren Silva McIntyre, Western
Hemispherel Latin American
Studies. The Demand for
International Reserves in
Emerging Markets: The Role of
Domestic Financial Markets.

Arame Tall, *African Studies*. Adapt or Perish: The Governance of Climate Change in Africa.

THE SCHOOL OF MEDICINE

Doctors of Medicine

Rebecca Recker Adami Sameer Ahmed Ferhina Sultana Ali Martha Obeng Amoako Ashley Kandanatt Antony Kamna Singh Balhara Jathin Bandari Bradley Powers Barnett Noy Bassik John Patrick Begly Matthew Travis Bender Catherine Stebbins Bennet Leah Blank Eike Blohm Morgan Michelle Bonds Curtis William Bone Agedi Nicholson Boto Kevin Broderick Alejandro Jose Candelario Kevin Zou Chang James Xiao Chen Lisa Yinhua Chen Nancy Cheng Christine Cary Cheston

Alyssa Yoorim Choi Sabrinah Ariane Alberta Christie Julia Dawn Colchamiro-Smart Kate Hannah Cole Clare Dean Joshua Adam Denney Robert Jamal Drummond Mahmood El-Gasim Katherine Anne Fallano Tom Shi Feng Timothy Theodore Flerlage Edmond Nketti Fomunung James Henry Gourley Richman Sarah J. Hahn Catherine Elizabeth Handy Aisha Harun Nigel Naichieh Hsu Omar Farooq Ishaq Amit Jain Sarah Elizabeth Johnstone Arun Jose Allison June Kaeding Elizabeth Ann Ketner Grace Yoonhee Kim Helen Irene Kinsman Kavitha Padmanabhan Kolappa Amanda Hong Kumar Karan Kumar Marian Grace Lacy Spencer Truman Lake Thomas Adam Lardaro Lisa Danielle Lareau Cecilia Alejandra Larocca Katherine Latimer HeeWon Lee Kathleen C. Lee Kathleen Anne Lee-Sarwar Xuan Thanh Le-Nguyen Brian Min-hann Lin Jimmy Cheng Ho Lin Tiffany Link Lia Ilona Losonczy Jonathan Trent Magruder Marisa Kristeen Matthys Micah Joel Maxwell Melanie McNally Brandon Michael Metcalf Elizabeth Harlan Michelle Eric Naimet Momin Amanda Jane Morris Di Mu Benjamin Clark Murphy

John Hone Nichols

^{*}Degree conferred August 26, 2011 **Degree conferred December 30, 2011

Chiagozie Oluchi Ononiwu Amit Shridar Padaki Esther Sung Hee Pak Courtney Anne Pendleton June Shujun Peng Helen Selonick Prevas Yelena Prints Mona Rezapour Ian Mathew Rosenthal Christopher Robert Roxbury Jacqueline Lee Salas Sherveen Shayegan Salek Katherine Wilson Scangos Jessica Kerr Schiffman Eric Lewis Dutton Scholten Karisa Colleen Schreck Pokineng See Joseph P. Shader Michael Charles Smith Jr. Justin Alexander Sobrino Miriam Tamar Stewart Philip Porter Storey David Alexander Stroh Seth Logan Studer Jacob Louis Taylor John Lorenzo Thurston Jr. Jeffrey John Tosoian Natalia Vlassova Trang Minh Vu Aaron Wendell Wallman Grace Meng Wang Lee Le Wang Vivian Lee Weiss John Kent Werner Jr. Robert Thomas Wicks Samuel Thomas Wilkinson Byung Chul Yoon Jennifer Qi Zhang

- Christopher Michael Ackerman, Neuroscience. The Neural Representation of Visual Relational and Item-Specific Information.
- Blake Tolu Aftab, *Pharmacology* and *Molecular Sciences*. Repurposing Itraconazole as an Inhibitor of Tumor-Associated Angiogenesis and Hedgehog Signaling.

- Manisha Aggarwal, *Biomedical Engineering*. Longitudinal Characterization of Brain Atrophy in Mouse Models of Huntington's Disease Using in vivo Magnetic Resonance Imaging.
- Vikram Aggarwal, *Biomedical Engineering*. Developing a Brain-Machine Interface for Dexterous Control of an Upper-Limb Neuroprosthesis.
- Troy Witty Anderson, *Biomedical Engineering*. Investigating
 Heterogeneities in the Canine
 Transmural Ventricular
 Proteome: Application of Reverse
 Phase Protein Microarrays.**
- Neeraja Manikkavalli Balachander, Neuroscience. Sculptural Aesthetics and Neural Representation of Surface Curvature.
- Andrea Lee Benedict, *Pharmacology* and *Molecular Sciences*. Studies on Chemoprotection by Sulforaphane.
- Stacey Marie Cromer Berman,
 Biochemistry, Cellular and
 Molecular Biology Training
 Program-Cell Biology.
 Understanding the Biological
 Fate of Iron Oxide Nanoparticle
 Contrast Agents in MRI Stem
 Cell Tracking.**
- Nasir Husain Bhanpuri,

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- Agedi Nicholson Boto,

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 and Mutagenesis Studies of a

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- Kathleen Kelly Brennan,
 Pathobiology. An SIV/Macaque
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 Diastolic Dysfunction: The
 Role of Chemokine
 Co-Receptor CCR5 in Cardiac
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- Rebecca Deering Brose, Human Genetics and Molecular Biology. Small Molecule Induction of the Stress Proteome and Its Therapeutic Potential.**
- Kirsten Marie Brown, Functional Anatomy and Evolution. Obstetrical Adaptation in the Human Bony Pelvis: A Three-Dimensional Morphometric Approach.**
- Tyesha Nicole Burks, *Human Genetics and Molecular Biology*.

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 Sarcopenia.
- Chutikarn Butkinaree,

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 and Metabolism.**
- Eric Thomas Carlson, *Biomedical Engineering*. The Role of Intermediate Visual Cortex in the Transformation of Shape Information.**
- Hannah Kathryn Carter,
 Biomedical Engineering.
 Computational Assessment of
 Somatic Missense Mutations
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- Mark Anthony Castanares,

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- Hasan Ertan Cetingul, *Biomedical Engineering*. Processing and Segmentation of High Angular Resolution Diffusion Images Described by Orientation Distribution Functions.

- Joong Youn Cho, Biochemistry, Cellular and Molecular Biology Training Program-Neuroscience. Novel Modulatory Mechanisms of Semaphorin-Mediated Repulsion in Axon Guidance.
- Madeleine Blair Chollet,
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 Cleft Lip and/or Palate.**
- Scott Haihua Chu, Cellular and Molecular Medicine. The Role of FLT3-ITD Mutations in Leukemogenesis and Tyrosine Kinase Inhibitor Resistance.
- Christopher Lee Cooper,

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- Blair Christophe Raymond Dancy,
 Biochemistry, Cellular and
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 Program-Pharmacology and
 Molecular Sciences. Azalysine
 Analogues as Probes for Protein
 Lysine Deacetylation and
 Demethylation.
- Miranda Malouf Darby,
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 Molecular Biology Training
 Program-Molecular Biology and
 Genetics. Targets of the
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 Novel Role in Nutrient
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- Ishita Das, Cellular and Molecular Physiology. Effects of a Sonic Hedgehog Agonist on the Cerebellum and Hippocampus in Ts65Dn, A Mouse Model of Down Syndrome.**
- Natan Simcha Davidovics,

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 Stimulation in the Multichannel

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- Lindsay M. De Biase, Neuroscience. Synaptic and Spatial Interactions Between Glial Progenitors and Axons in the Central Nervous System.**
- Charlene Janelle Scotland Depry, Biochemistry, Cellular and Molecular Biology Training Program—Pharmacology and Molecular Sciences. From Microdomains to Organelles: Delving into Spatiotemporally Compartmentalized PKA Signaling.
- Bethany Joy Drehman, *Human Genetics and Molecular Biology*.
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- Robert Jamal Drummond,

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- Krisna Chan Duong-Ly, Program in Molecular Biophysics. Structural and Enzymatic Characterization of Two Members of a Novel Nudix Hydrolase Family of Grampositive Bacteria.**
- Jessica Erin Siegel Dymond,
 Biochemistry, Cellular and
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 and Semi-SynVIL.**
- Sandra Eder, History of Medicine.
 The Birth of Gender:
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 Johns Hopkins (1940–1956).**
- Sabri Erdemli, *Biophysics and Biophysical Chemistry*. Insight into the Cell Wall of 'Persisters': The Structure of *M. tuberculosis* L, D transpeptidase 2.
- Joshua Ivan Friedman, *Program in Molecular Biophysics*. Dynamics in DNA Damage Detection and Repair.**

- Xin Gan, *Biological Chemistry*.

 New Insights into the

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- Diana Joyce Goode, Molecular
 Biology and Genetics-Program In
 Immunology. Triggering
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 Cells 2 (TREM-2) Molecule:
 Biochemistry, CounterReceptors, and Functions in
 Innate and Adaptive Immunity.
- Yi Gu, *Biological Chemistry*. Vesicular Sorting of AMPA, GABA_A, and NMDA Receptors During Exocytosis.
- Junjie Guo, *Neuroscience*. Activity-Dependent Regulation of DNA Methylation in the Adult Brain.**
- Ting Guo, Neuroscience.

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- Kshitiz Gupta, Biomedical
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 Tissue Repair and Cardiac
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- Michael Bruce Habib, Functional
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 Structural Analysis of Locomotor
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- Jian He, *Pharmacology and Molecular Sciences*. The
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- Li He, Biological Chemistry. Livecell Imaging Studies of Collective Cell Migration and Tissue Elongation Using Drosophila Egg Chamber.
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- Katie Jean Herbst Robinson,

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- Elisabeth Frances Heuston,

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- Troy Allen Horn, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Regulation of Cell Migration by Cytoplasmic Interactions of Alpha 4 Integrin.**
- Suneil Narayan Hosmane,
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- Hailiang Huang, *Biomedical Engineering*. Computational Approaches to Study the Relation Between Genomic Variations and Phenotypes.
- Yu-Wen A. Huang, *Neuroscience*. Regulating MicroRNA Biogenesis to Achieve Specificity in Neuronal Protein Synthesis.
- Chia-chun Hung, Neuroscience. Three-Dimensional Object Shape Coding Properties in Macaque Inferotemporal Cortex.**
- Junho Hur, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Interactions Between RNA and Argonaute Protein in RNAi and Translational Repression.

- Melanie Issigonis, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Stem Cell Maintenance and Competition in the Drosophila Testis Niche.
- Christine Ann Jelinek,

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 of Human Serum Albumin as

 They Correlate to Cardiac

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- Tory Patricia Johnson,

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- Alyssa Mallory Katzenelson, Neuroscience. Investigating Aging, Awareness, and Trial Type in Eyeblink Conditioning.
- Kathleen Christine Kent, Human Genetics and Molecular Biology. The Etiology and Pathogenesis of Aortic Aneurysm Syndromes.
- Sung Soo Kim, Neuroscience.
 Interaction Between
 Proprioceptive and Cutaneous
 Receptive Fields in
 Somatosensory Cortex.**
- Cheryl Mei-Yi Koh, *Pathobiology*. A MYC-Driven Oncogenic Network Controls Prostate Carcinogenesis.**
- Laura Michelle Koontz,

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 Genetics. Mechanisms of

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 the Hippo Signaling Pathway.
- Jacob Elias Koskimaki, *Biomedical Engineering*. Experimental and Bioinformatic Analysis of Endogenous and Mimetic Anti-Angiogenic Peptides in Application to Cancer.
- Rebecca Lee Lamason, Molecular Biology and Genetics—Program In Immunology. Regulation of CARD11 Activity by the Kinesin GAKIN and Lymphoma-Associated Mutations.**

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- Chih-Yung Sean Lee, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Oxygen-Dependent Regulation of SREBP in Fission Yeast.
- Daniel Allen Lee, *Neuroscience*.

 Identification and
 Characterization of Neural
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 Hypothalamus.
- Ha Won Lee, Cellular and
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- Kenya Taiwan Lemon, Cellular and Molecular Medicine. MicroRNA Expression and PASG/LSH Deficiency.
- Nan Li, *Biomedical Engineering*.
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- Tiffany Link, *Cellular and Molecular Medicine*.
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- Yi Liu-Chittenden, Biochemistry,
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 Factors are Critical Mediators
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- Wenyan Lu, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Characterization of Human Orc6 Protein in DNA Replication Initiation.
- Jun Ma, Biomedical Engineering.
 Statistics on Computational
 Anatomy: From Template
 Estimation to Geodesically
 Controlled Diffeomorphic
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- Yuichi Makino, Neuroscience.

 Molecular Mechanisms for the
 Regulation of Synaptic
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 Subunit.**
- Laura Ann Malone, *Biomedical Engineering*. Spatial and Temporal Coordination in Locomotor Learning.**
- Misti Lane Malone, *Biomedical Engineering*. ActivityDependent Regulation of Oligodendrocyte Function and Myelination.
- Micah Joel Maxwell, *Cellular and Molecular Medicine*. Inositol Polyphosphate Multikinase is a Physiologic P13-Kinase that Activates Akt/PKB.
- Kelly Ann Meulendyke, Cellular and Molecular Medicine. Dopaminergic System Dysfunction in an SIV Model of HIV-Associated CNS Disease.**
- Morassa Mohseni, *Human Genetics and Molecular Biology.*Genetic Determinants of Breast
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- Mohsen Mollazadeh, Biomedical Engineering. Integrated Neural Systems and Algorithms for Analysis of Population Activity During Dexterous Hand Movements.
- Whei Feng Moriarty, Cellular and Molecular Medicine. Elucidating the Role of Neuropilin-2 in Melanoma.
- Michael Avery Muniak,

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 Mouse Auditory Brainstem.**
- Christopher Isles Murray,
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- Nguyen Khoi Nguyen, Cellular and Molecular Medicine. Reactivation of Epigenetically Silenced Retinoic Acid Receptor-Beta for Therapy of Breast Cancer—From Molecular Mechanism to Potential Clinical Applications.
- Joyce Oluwayemisi Obidi, Cellular and Molecular Medicine. The Roles of Notch Signaling in Non-Small Cell Lung Carcinoma.
- Karen Aileen O'Connell,

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- Omoruyi Osahon Osula,

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 Sumo-Modified Substrates by
 Mass Spectometry.
- Shih-Jung Pan, Biochemistry,
 Cellular and Molecular Biology
 Training Program-Molecular
 Biology and Genetics. The Roles
 of the Methylcitrate Cycle and
 Nicotinamide Adenine
 Dinucleotide Starvation in
 Candida glabrata Virulence.

- Sarah Ann Park, *Cellular and Molecular Medicine*. Alternate
 Approaches to Control
 Abnormal Cardiac Conditions.
- Rose Parkinson, Molecular Biology and Genetics—Program In Immunology. EGR3 Induces a TH17 Response and Systemic Tissue Inflammation by Promoting the Development of Gamma Delta T Cells.
- Evanthia E. Pashos, *Human*Genetics and Molecular Biology.

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 Initiation and Maintenance of

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 and Inhibitory Neurons.**
- Kush Niranjan Patel, *Neuroscience*.

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- Megan Szymanski Pierce, *Human Genetics and Molecular Biology*.
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 Disease Susceptibility Genes.
- Megana Krishna Prasad, Human Genetics and Molecular Biology. Identification and Functional Dissection of Regulatory Sequences at ERBB3 and Other Neural Crest Genes.**
- Christina Lee Randall, *Biomedical Engineering*. Self-Folding Devices for Biomedical Applications.**
- Vinod Ranganathan, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. The RNAi Pathway Regulates Telomeric Repeat-Containing RNA in Caenorhabditis elegans.**
- Abhishek Praful Rege, *Biomedical Engineering*. Imaging
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- Branden Antoine Reid,

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 Tissue Engineering.

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- Talmesha Annette Richards,

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 Human Breast Cancer.
- Sarah Marie Richardson, *Human Genetics and Molecular Biology*.

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- Yang Ao Roby, Human Genetics and Molecular Biology. Characterization of ZFP423/ OAZ Mutant Mice Reveals OLF/EBF Function in Olfactory Development.
- Jeremy Daniel Rotty, Biochemistry, Cellular and Molecular Biology Training Program—Biological Chemistry. Regulation of Epidermal Keratinocyte Motility by Keratin Intermediate Filaments.**
- Sabyasachi Roy, Biomedical
 Engineering. Control of Vocal
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 Natural Behavior.
- Travis Richard Ruch, Biochemistry,
 Cellular and Molecular Biology
 Training Program—Cell Biology.
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 Virus Assembly and
 Trafficking.
- Michael Lee Rutlin, Neuroscience.
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 Function.**
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- Nadine Laure Samara, *Program in Molecular Biophysics*. Structural and Functional Studies of the SAGA Deubiquitinating Module.**

- Vedangi S. Sample, *Pharmacology* and *Molecular Sciences*. In Living Color: Uncovering the Molecular Mechanisms of Compartmentalized PKA and AMPK Signaling.
- Katherine Wilson Scangos, Neuroscience. Arm Movement Control in the Supplementary and Pre-Supplementary Motor Areas.
- Karisa Colleen Schreck, Neuroscience. Notch Signaling in Brain Development and Cancer.
- Saurav Rao Seshadri, Cellular and Molecular Medicine. DISC1 and Neuregulin-1/ErbB4 Signaling in the Developing and Mature Brain.**
- Liang Shan, *Pharmacology and Molecular Sciences*. Establishment,
 Reactivation and Elimination of
 the Latent Reservoir for HIV-1.
- Beiyi Shen, *Biological Chemistry*. EMV Biogenesis: A Plasma Membrane Phenomenon that Mediates Cell Polarization.
- Shino Shimoji-Krishnan,

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 Program—Biological Chemistry.

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- Courtney Marie Shirley,
 Biochemistry, Cellular and
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 Program—Pharmacology and
 Molecular Sciences. Elucidating
 the Mechanisms of EBV Lyctic
 Gene Expression and
 Cytotoxicity by Protease
 Inhibition.
- Christopher John Shoemaker,
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 Program—Molecular Biology and
 Genetics. An Analysis of the
 Mechanism and Regulation of
 Ribosome Recycling in
 Saccharomyces cerevisiae.

- Dan Simon, Biochemistry, Cellular and Molecular Biology Training Program—Cell Biology. Functions and Regulation of A-Type Lamins.
- Jeanelle Marie Spencer,
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 Molecular Biology Training
 Program—Molecular Biology and
 Genetics. Dissection of TnsC
 Reveals Domains Responsible
 for Tn7 Transposition
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- Emerson VanLeuven Stewart,
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- Zachary Elias Stine, Human Genetics and Molecular Biology. Extrapolation From the Gut: Exploring the Regulatory Control of Pleiotropic Expression of Enteric Crest Genes.**
- Kristen Franson Swaney,
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- Julie Ellen Takacs, Biochemistry,
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- Sarah Jean Texel, Neuroscience.
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- Denis Vasilievich Titov,

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- Valerie Toodle, *Pathobiology*.

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- Shimon Arych Unterman,
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 Soft Tissues.
- Frank Joseph Varriale, Functional Anatomy and Evolution. Dental Microwear and the Evolution of Mastication in Ceratopsian Dinosaurs.**
- Balaji Veeramani, *Biomedical Engineering*. Network Analysis of Disease.**
- Sofia Luz Vidal-Cardenas,
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 Genetics. Characterization of
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 Telomere Phenotypes.
- Grace Meng Wang, Cellular and Molecular Medicine. The Role of Mutant KRAS and PIK3CA in Human Breast Cancer Tumorigenesis.
- Genevieve Lorraine Weber, Pathobiology. Abrogation of PIK3CA or PIK3R1 Reduces Proliferation, Migration, and Invasion in Glioblastoma Multiforme Cells.
- Marie Ruth Webster,

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 of Diphosphate Analogs:

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 Prodrugs.**
- Zhikui Wei, Cellular and Molecular Physiology. Function and Regulation of CTRP12 and CTRP13 in Metabolic Homeostasis.
- Seth Howard Weinberg,

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- Vivian Lee Weiss, Molecular
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 in Immunology. Dissection of
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 Avidity Tumor-Specific T Cell
 Tolerance and the Role of
 CD25Low T Regulatory Cells
 in High Avidity T Cell
 Activation and Trafficking.
- Catherine Jeanne Chalenski Weisz, *Neuroscience*. Synaptic Inputs and Excitability in Type II Cochlear Afferents.**
- John Kent Werner Jr., Cellular and Molecular Medicine. Inositol Hexakisphosphate Kinase-2: Novel Modes of Regulation and Signaling.
- Danica Paulette Horrell Wnuk,

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- Aaron Lih Der Wong, Biomedical Engineering. Motor Learning in the Saccadic System: The Importance of Prediction in Maintaining Movement Accuracy.
- Crystal Lashae Woodard,

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- Zhuhao Wu, Neuroscience.

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 Neural Circuit Assembly.**
- Gai Yan, Cellular and Molecular Medicine. Histone Acetyl Transferase P300/CBP as a Functionally Significant Target in Melanoma.
- Ming Yang, Biomedical
 Engineering. Biodegradable
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- Kai Lee Yap, *Pathobiology*. NAC1, An Actin-Binding BTB/POZ Protein in Cancer Cell Cytokinesis and Murine Vertebral Patterning.
- Luna Alammar Zaritsky,
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 for the Regulation of Type 1
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 to Simian Immunodeficiency
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 Training Program—Molecular
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- Nan Zhang, Neuroscience.

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 the Visual Cortex.
- Seth Aaron Zonies, Biochemistry,
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 Training Program—Molecular
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 the C. elegans Zygote by the
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- Omar Mian Ahmad, Computer Science. Volumetric DXA (VXA): A new method to extract 3D information from multiple in vivo DXA images.**
- William Colin Anderson,

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 Over Fractal-Like Roughness.*

- Shawn Aram, *Mechanical Engineering*. Numerical

 Modeling of Active Separation

 Control by Synthetic Jets.**
- Alireza Asadpoure, Civil
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 optimization under stochastic
 stiffness.**
- Joshua David Atkins, Electrical and Computer Engineering.
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 Processing for Immersive
 Communication.**
- Deniz Baycin Hizal, Chemical and Biomolecular Engineering.

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- Patrick Bindjeme, Applied
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 Repertoire of Cost Functions
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- Nathan Edward Boland,
 Geography and Environmental
 Engineering. Nickel and
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 Capillary Electrophoresis:
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 and Structure-Reactivity
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 Exchange Reactions.**
- Nicholas Jon Boylan, *Chemical* and Biomolecular Engineering. New Pulmonary-based Systems for Pulmonary Drug and Gene Delivery.
- Ryan M. Braun, Chemical and Biomolecular Engineering. Heterogeneity and Statistical Analysis of the Microrheology of Polymer Gels.**
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- Fenghao Chen, *Materials Science* and Engineering. The physicalchemical basis behind FGFR activation: implications for human pathologies.**

- Yi Chen, Electrical and Computer Engineering. Sparse Representation for Target Detection and Classification in Hyperspectral Imagery.
- Jeannine M. Coburn, Chemical and Biomolecular Engineering.
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- Anoop Deoras, Electrical and Computer Engineering. Search and Decoding Strategies for Complex Lexical Modeling in LVCSR.*
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- Purushottam Dilip Dixit,

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 sites.**
- Jennifer Synowczynski Dunn,
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 Calculations of Ceramic Surfaces
 and Interfaces: Examples from
 Beta-Silicon Nitride and AlphaAlumina.*
- Stephanie Irene Fraley, Chemical and Biomolecular Engineering.
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- Gregory Michael Fritz, Materials
 Science and Engineering.
 Characterizing the Ignition
 Threshold of Multilayer
 Reactive Materials and
 Controlling Reaction Velocities
 in Compacts of Reactive
 Laminate Particles.*
- Sriram Ganapathy, Electrical and Computer Engineering. Signal Analysis using Autoregressive Models of Amplitude Modulation.

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- Jayant Ajit Gupchup, Computer Science, Data Management in Environmental Monitoring Sensor Networks.
- Brian Keith Haberman, Computer Science. Routing Information Verification Tool for Securing Inter-Domain Routing Information.*
- Donny Hanjaya Putra, Chemical and Biomolecular Engineering. Engineering Vascular Networks Using Synthetic Matrices.
- Jiarong Hong, Mechanical
 Engineering. Experimental
 Investigations on Turbulence
 Structure over Rough Walls
 and Grazing Behavior of
 Calanoid Copepods.
- Shao-Yiu Hsu, Geography and Environmental Engineering. The Effects of Dynamic Capillary Pressure Oon
- Two-Phase Flow and Blob Mobilization in Porous Media.
- Aastha Jain, Applied Mathematics and Statistics. Particle Methods for Diffeomorphic Registration.**
- Jaime Javier Juárez, Chemical and Biomolecular Engineering. Electric Field Mediated Colloidal Assembly and Control.*
- Manu Kanwar, Chemical and Biomolecular Engineering.

 Designed ankyrin repeat protein (DARPin) based platform to study biomolecular interactions and develop biosensors.
- Shyam Bharat Khatau, Chemical and Biomolecular Engineering. The Role of Nucleo-Cytoskeletal Connections in Disease and Development.**
- Jeonggil Ko, Computer Science.

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 Sensing System for Wireless
 Healthcare Applications.
- Nolan Shaw Li, *Computer Science*. Scalable Database Query Processing.

- Zhanjie Li, *Civil Engineering*. Finite Strip Modeling of Thinwalled Members.**
- Janice Cara Lin, Materials Science and Engineering. Design of a Biologically Relevant, Planar Lipid Bilayer Platform for the Study of Membrane Proteins.*
- Safir Sarfaraz Merchant, Chemical and Biomolecular Engineering.
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- Matthew Scott Moses, Mechanical Engineering. Universal Constructors, Self-Replicating Machines, and Cyclic Fabrication Systems.**
- Varjola Nelko, *Civil Engineering*. The Prediction of Rip Currents.
- Sridhar Krishna Nemala, Electrical and Computer Engineering.
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 Examining the predictions of
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Teja K. Jayanthi Inez Kweeta Johnson Jonathan Ashely Collis Johnson Kailise Melinda Johnson Karen L. Johnson Vinit R. Joshi Hosam Saleh Kadi** John Karumba Kagiri** Yuk-Chung E. Kam Allison N. Kapner Azuma Kato Angee Quattro Kerns Glenn Bennett Ketover Sophie Keundiou** Henry T. Keyaka Abdullah Tawfik Khoja Daniel Young Kim* Helen C. Kim Mélodie Catherine Kinet** Harry Christopher Knackstedt Alison Courtney Kobel Kranthi Kumar Kodali Muraleedhar Kommula Allison Harding Kooser **Bob Koppes** Gabrielle Fritzi Kornely* Trevor Timothy Kuchar Satyesh Kumar Chien-ming Kung** Chien-cheng Kuo Chiwon David Kwon I-fan Lai Dinesh K. Lal Aaron Steven Landgraf Joan Marie Lavin Daria Lavrentieva Trina Lawrence Benjamin F. Lazatin** George Edward Le** My Yen Thi Le Chih-feng Lee Pay-yi Lee Nicole A. Leonard Jonathan A. Lerner** Brian Michael Levine** David Paul Levinstim Lan Li Lin Li** Xiaoying Li Patrick Light** Judy Tzuyu Lin Zhiqiang Lin Brian Maxfield Lindberg**

Wei-chih Liu Yi-wan Liu Iulia Locklin Mikulla* Jose J. Lopez** Dandan Lu Leticia S. Lyford-Pike Daniel Macias** Nazi Maleki Hervert Stacey Alexandra Mallon** Olga E. Maltseva Girish B. Manchapanahalli** Aarti Mandavia Michael Goodfellow Marano Elliott Kigh Marquis Diego Martinez-Vasquez** Mohamed Hassan Marzeban Lalima Maskey Lauren Juliana Maza** Mustafa Fazil Mazlumoglu Bombay Sahr Mboma** Jeffrey Charles McCloskey John Daniel McDermott Martha E. McKenna Jennifer Rebecca McKinney Meredith L. McNamara* Brad Benjamin Medley Anna O. Medvedeva** Jigar N. Mehta Michael J. Milaszewski Jeremy Charles Miller** Teresa Eileen Milton Yun Ki Min** Kimberly Ann Moore Maria S. Morales Cain Michael Morano Kerrian Mross Dmitry Nikolayevich Mukhin** Sharmily Mukhopadhyay Sean Andrew Mundy Sathyavathi Muninarayana** Shannon E. Murray Aaron Mushro** Jerlil L. Myrick Victor Namnum** Deepak Nathani* Marc Duy-Minh Neufcourt Derrick Bao Long Nguyen** Kha N. Nguyen Michael Nguyen Phiet Minh Nguyen Jin Won Noh** Carolyn Nold

Joao Norona

Pia Sethi

Kwasi Ntiamoah Erin Elizabeth O'Boyle Olusheun Oladipo Ogunsunlade Seung Jun Oh Anita Frances Okoh Olumayowa Victoria Osibodu David Patrick Ostendarp* Roy Pack Sergey Alexander Panasenkov Nicholas Steven Pann Hae Y. Park Lavina Patel Jacquelyn Jai Pelham Veena Pennathur Tyler F. Pierotti Lesly Agnes Pińol** Gabriel Charles Plumer Kristin Irene Pomeroy Timisha Lonell Porcher Justin R. Post** Peter M. Postoian Deasy Benita Priadi Komita T. Primalani** Dameon Devon Proctor** Lauren M. Pruss Raghavendra Reddy Pulakurthi Hefei Qiu Thomas Joseph Quinlan Kaustubh Bhalchandra Radkar Kathir Muthu Ramaswami Nellisha Ramdass** Deepika Rame Gowda** Brendon Lee Raraigh** Tandy Nantida Raungtriphop Abhishek Raut** Satabdi Raychowdhury Joshua J. Raymond** Nichole Ridgeway Patricia A. Rohman John D. Rudzis* David M. Rueckert Ashleigh Brooke Sabold Robert Hugh Sadowski** Eeva Sallinen-Simard Mark A. Samman** Abhishek Sangal Vidya Sankaranarayan Matthew Peter Scally Mark Joseph Schreiber Adam J. Schwartz** Sean A. Scott Ruth Makafui Senyefia

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Masters of Music

Janae Jean Almen, Computer Music Composition David Elisha Anderson Jr., Horn Garrett Burr Arney, Percussion Joelle Arnhold, Viola Travis Noble Baird, Viola John Thomas Belkot, Composition Theodore Bickish Jr., Organ Julius T. Bucsis, Computer Music Composition Danielle Luisa Buonaiuto, Voice and Musicology Chelsea Lee Buyalos, Voice Gabriel Caballero, Computer Music Composition and Musicology Alican Camci, Composition Diana Cantrelle-McKinney, Voice/Pedagogy Chang, En-Hua, Harp Hanqing Chang, Piano Lydia Chernicoff, Violin/Pedagogy Eun Jin Raoul Cho, Flute Hokyong Choi, Piano Kimberly Anne Christie, Voice Emily Marie Cich, Oboe Evan Combs. Computer Music Composition Viet Pham Cuong, Composition Benjamin Justin Daniels, Composition Amy E. Domingues, Early Music: Viola da Gamba Jaclyn Mary Dorr, Violal Pedagogy Sean Robert Dynan, Saxophone Andrew Allen Etherington, Voice/Pedagogy Dmitry Glivinskiy, Piano Shona Goldberg-Leopold, Horn Nathan Green, Piano Yilang Han, Piano Ian Thomas Hockett, Composition Yu-Shen Huang, Violin Jennifer Page Hughson, Clarinet Margaret Hummel Strong, Violoncello Soo Jung Hur, Piano Emily Joseph, Trombone Erik David Kamenski, Clarinet Khoo Hui Ling, Pianol Pedagogy Diana Kim, Piano

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Matthew Kitzen-Abelson, Trumpet
Eunseo Koo, Voice
James S. Kranz, Wind Conducting
Edward Andrew Leaf, Double Bass
Bonghee Lee, Piano/Pedagogy
Eun Ji Lee, Piano
Eun-Hye Grace Lee, Piano
Eunice Yoonhee Lee, Viola
Yu-Po Lin, Violin
Margarita B. Loukachkina, Piano
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Victoria Ann Ritter, Oboe
Jacob Paul Runestad,
Music Theory Pedagogy
Abigail Runkle, Voice
Abigail Leah Seaman, Voice
Ittinat Seeboonruang, Voice
Patrick James Sise, Guitar/Pedagogy
Elisabeth Anne Slaten,
Voice/Pedagogy

Stephanie Lynn Ray, Flute

Voice/Pedagogy
Haeju Song, Violoncello
Andrew Ryan Spady, Voice
Orlando J. Spikes, Voice
Kelsey Tamayo, Percussion
Kelsey Tamayo, Wind Conducting
Kelsey Tamayo,

Music Theory Pedagogy Alison Hayley Tynes, Voice Kurt Charles Uttenreither, Music Theory Pedagogy Artem Vovk, Guitar
Grace Ju Yeon Wang, Flute
Jiaying Wang, Violin
Yi Wang, Computer Music
Thomas Christian Waugh, Voice
Tessa Avis Wegenke, Voice
Joel Dustin Weszka, Clarinet
John Elson Williams, Voice/Pedagogy
John Wilson, Piano
William Paul Wysocki, Clarinet
Jiang Xie, Conducting
Dajeong Yoon, Piano
Duomi Zhang, Violin
Mingying Zhang, Violin

Masters of Arts

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Audio Sciences
Rong Li, Audio Sciences
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Matthew Hang Li, Environmental Health Sciences Xuehai Li. Environmental Health Sciences Karen M. Lumbu, Environmental Health Sciences Elizabeth Kay McDaniel, Biochemistry and Molecular Biology Allison Marie McFall, Epidemiology Zsuzsanna Hortobagyi McMahan, Clinical Investigation* Ravi Mehta, Environmental Health Sciences Katrina Ashley Mott, Epidemiology Mwende R. Muindi. Health, Behavior and Society Barbara R. Neistadt, Molecular Microbiology and Immunology Peter Ng, Biochemistry and Molecular Biology Isaac No, Molecular Microbiology and Immunology Oluwafisayomi Nwachukwu, Biochemistry and Molecular Biology Naoko Okuma, Health, Behavior and Society Romina Alicia Ortiz, Molecular Microbiology and Immunology Jonathan Paul Owens, Health Policy and Management Michele Marie Palopoli, Environmental Health Sciences Hao-Min Pan, Biochemistry and Molecular Biology Guergana Gueorguieva Panayotova, Molecular Microbiology and Immunology* Jun Sang Park, Environmental Health Sciences Chevonne T. Parris-Skeete, Biochemistry and Molecular Biology Jason Douglas Pia, Molecular Microbiology and Immunology Catharine Alice Prussing, Epidemiology Patricia E. Pugh, Mental Health Nirupama Putcha, Epidemiology Jessica J. Rosenberg, Epidemiology

Jason Stephan Rotter, Health

Policy and Management

Julie F. Ryals, Epidemiology ** Sarah Hemi Ryu, Biochemistry and Molecular Biology Parichat Salee, Epidemiology Manoj Kumar Saraswat, Environmental Health Sciences Anne Louise Sawyer, Mental Health Jessica Rabe Savage, Epidemiology** Kelly Hulett Schlendorf, Clinical Investigation* Christine Marie Seewagen, Health Policy and Management Rishab Hemant Shah, Environmental Health Sciences Robert Shin, Environmental Health Sciences Alexia Diane Simonnard, Environmental Health Sciences* Soo Kyung Son, Mental Health Stuart O. Sweeney, Environmental Health Sciences* Pranita D. Tamma. Clinical Investigation* Richard Ching-Yao Tang, Biochemistry and Molecular Biology ** Jay Paul Thaker, Health Policy and Management Fang Tian, Biostatistics Arissa Margaret Torrie, Biochemistry and Molecular Biology Kimiko Tsuchiya, Molecular Microbiology and Immunology Lydia Whiting Turner, Mental Health Salman Waheed, Epidemiology Charles Chung-Jen Wang, Molecular Microbiology and Immunology Natalie Elliott West, Clinical Investigation* Brenten Howard Williams, Environmental Health Sciences Iuliana Wu. Environmental Health Sciences Jingyan Yang, Epidemiology Irem Yarali, Biochemistry and Molecular Biology Faiza Tahir Yasin, Epidemiology Rachel Lauren Zelkowitz, Health, Behavior and Society

Masters of Health Administration

Leen Alblaihed. Health Policy and Management Zachary Russell Bechtle, Health Policy and Management Melissa Sara Biber, Health Policy and Management Bickey Haw-Yu Chang, Health Policy and Management Matthew Charles Croskey, Health Policy and Management Nancy Victoria Cushman, Health Policy and Management Michael Fitzgerald Finegan, Health Policy and Management Jessica E. Gundel, Health Policy and Management Omar Een Hajji, Health Policy and Management Nisha Rani Iain. Health Policy and Management Sneha Bhanwarlal Jain, Health Policy and Management Rumi Kagami, Health Policy and Management Dennis J. Martin Jr., Health Policy and Management Eliza Magnus Medearis, Health Policy and Management Lauren Morlier, Health Policy and Management Fadi Z. Rammo, Health Policy and Management Maria Angela Mones Saquibal, Health Policy and Management Mengying Zhang,

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Clinical Investigation*

^{*}Degree conferred August 26, 2011

^{**}Degree conferred December 30, 2011

Masters of Public Health

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Benjamin Ashby Brinton Cori Majors Brock* Christy Lynn Burch Kenneth Leslie Cameron* Tirza Alexandra Cannon Howard T. Carolan III* Maria Augusta Carrasco Frances Elizabeth Casey Jane Louise Cashin** Alvin Vernell Cheeks Li Chen Yi-tsun Chen Yong-Ching Chen* Elizabeth Marie Chmielewski Jeong Won Choi Christina Chun Carolyn Esther Clark Jennifer Elizabeth Cohn* Kerri Ann Cornejo Christopher Russell Costa Samuel E. Culli** Marie Bernadette Curry* Natalie Janine Miriam Dailey Kristen Maria Danforth Mitzie-ann Tamika Davis Wanda Yvette Davis** Mélanie Eliza de Wit* Tatiana May Dejneka Linda Marie DePasquale Ashley Lynn Devonshire Perry Pawandeep Singh Dhaliwal Tiziana Di Fabio Anna J. Diller** Victoriano D. Dinglas David Terwase Diwa** Kelsey Lynn Drake Deborah Beth Ehrenthal** Laura Palen Eichelberger Mohammed Khair ElZarrad* Ngozi Yvonne Enwerem Daniel Joseph Erchick Sarah Patrice Evans Cézanne Azul Ezekiel** Thomas Michael Fame Weigang Fang Leah Kirsten Fegan Jose Miguel Flores Denis Alemka Foretia** Elizabeth Ruth Francis Maxim Gakh Alishea Lanel Galvin Michelle Janette Geiss

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Divya Prasad Eugenia Pyntikova Amy Quan Quan Melissa Leigh Raby Sandhia Rajan** Sri Sujanthy Rajaram Preety Rekha Rajbangshi Abhishek Raut** Gauri Rajendra Raval Sarath Priya Rednam* Julie Kate Richards* Katherine Jaudon Richardson Anne-Marie Rick Alicia Rose Riley Hanna Kim Rizk Chamonix Roberts Charlee A. Roberts** Alison Romano* Samuel Dana Russell Salman Nawazish Salaria Akmal Samsor Laura Dawn Sander Theodor Charles Sauer III Shean-huei Saw Matthew Peter Scally Jessica Molly Schaeffer Madeleine Schlefer Sophia Gertraud Schmidt* Sara Christine Schofield Alex Michael Secora Shalini Selvarajah Janis Lovejoy Sethness Jui A. Shah Dipak Kumar Sharma Sristi Sharma Anjail Z. Sharrief Kaiser Shen Melissa K. Sherry Hayley B. Shin** Abiola Aina Shitta-Bey Kuppuswami Shivakumar Caroline Beth Shlager Oluwaseun Damilola Shogbesan Ginger Shu** Anna Christina Sick Faraz Rahim Siddiqui Jared Charles Simon Carley T. Simpson** Karyn Rose Singer Pragya Sinha Olivia-Belen Hubbard Sloan Alicia Smalls

Kamala Frances Smith

Michael James Smith

Cheryn Song Justine Elise Springer Jade Murphy Spurgeon Sumeet Srivastava** Frederick Andrew Stamp** Jeremy Adam Steeves Thomas Michael Stephens* Lauren Kimberly Stone* Andrew Suchocki Michael John Superior Bryan Patrick Svobodny Fei-Kai Syu* Adefemi Taiwo** Ik Lin Tan Heather JoHanna Tanana Sravanthi Tapal Kathryn Sharlene Taylor** Kimberly Barry Taylor** Tara Jihan Taylor Robert Richard Tota** Daphne Truong Megan Marie Tschudy Shannon Elizabeth Tully Elizabeth Tung Jose Gabriel Villareal Tungol Mark Turner Tara Parker Turner Noah Vale** Brintha Vasagar Laura Elizabeth Vasquez Lavanya Vasudevan Andrea Patrice Vazzano Tara Ann Vecchione** Héctor Alexander Velásquez García Kristin Veley Padmavathi Veligati* Indumathi Venkatachalam Paul Vetter Michele Marie Virjee Erica Ann Voss Tiffany Elizabeth Wandy** Leyao Wang** Yinghua Shu Wang Jane Wangui Wanyiri Kristin Lyn Ward Elizabeth Ann Wehler Jennifer Lee Weinberg Lara Carson Weinstein* Paul Logan Weygandt Charissa Clare Williar Karen Elizabeth Wiswall Chek Hooi Wong Katharine Cooper Wulff

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THE PAUL H.
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OF ADVANCED
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Masters of Arts

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Joseph Vicente Da Silva

Saudamini Vishwanath Dabak

Margaret Dallett Andrew Philip D'Anna Amber Minette Davis Graham Thomas Day Brian Alexander de Haan** Gary Decker Courtney Elizabeth Demartini Simone Dettling Christopher Paul Dielmann Cody Alan Dietrich Sarah Christina Dixon** Meredith Elizabeth Dukes Alexander Malbin Duncan Samantha Dee Duncan Andrew Charles Winfield Dunn Andrew Durkin Samiya Edwards** Brandon Christopher Eicher Jacob N. Elghanayan Peter Jason Epstein Elizabeth Rainey Esfahani Hayat Essakkati** Alexander James Etra Ilana Esther Faber Sarah Mercer Farnham* Jennifer Grace Fishkin Cornelius Fleischhaker Carolyn Florey Conor Patrick Foley Alessandra Forni Tyler Charles Frank** Elizabeth Laura Fustos Emilia Galiano Gennady Alexandrovich Ganin Samuel Jack Putter George Nicoletta Sabrina Giordani Austin Gramm Glassman William Popham Godel Christian Gomez** Ivan Iav Gonzales David Urquhart Goodman Karin Grabner** Jason Alexander Graffam Gayshiel Grandison Nemanja Grgic Duncan J. Gromko Alexis Allyson Gross Joshua Evan Grundleger Peter David Gruskin** Alice Slayter Guilford Daryal Gul Fengchen Guo

Anthony Nicolas Haddad

Laya Haddad

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Monica Rocio Rodriguez Lauren Rogal Alexander Charles Rosen Martin Ross David Kaspar Rosskamp Sean Michael Roughneen Theodros Serge Roux* Vanessa Nicole Rozier Meredith Venita Ryder-Rude Sindhu Sagar Noppon Sagnanert Rachel Christina Salerno Joshua H. Sargen Christopher Robert Sarokhan Bryan Kenji Schell Moritz Emanuel Schmid-Drechsler Joscha Schmitz Paul Nathan Schwartz Merideth Anne Secor Rachel Jessie Segal Dahye Seo* Jimena Serrano Pardo Hemant Krishna Sharma Paul Knowlton Sheldon Christopher Richard Wilson Shephard** Aaron Daniel Sherman Nathaniel Shestak Bianca Maria Silva Nicole Joelle Silverman Lydia Catherine Sizer* Claire O'Leary Slagis Benjamin Tyler Smith Amanda Elise Smithberger Lubomír Jan Sokol Colin Michael Sollitt Alexander Giorgios Sotiriou Sarah Sparker* Andrew John Sprunger Jessica Anne Stallings Robert Edwin Stanley Adam Sean Starr-King** Felix Steinberg Alessandro Stelzer Ieni Suzanne Stockman Milica Stojancic* James Joseph Stranko Rachel Jean Strohm** Alexandra Louise Stuart Shoko Sugai Adrienne Renee Atkinson Suhail* Lu Sun Mina Suzuki

Stephanie Lynn Sweet Britt Ashley Sylvester Sin Yu Cecilia Sze Anne Heartfield Szender Ryan Zachary Tang Ehab Adel Samir Tawfik** Adam Daniel Thorne Celeste Marie Tinari Matthew E. Tocks Hui Min Toh Stefan Triendl Tony Tsai Petula Kirstie Tse** John DeWitt Ulrich Jr. Jesica D. Um Burcu Uner Svetlana Valieva Johannes Morgan Leifer Van Der Tuin** Robbert Bernardus Gerardus van Ferd* Christine Ann Vargas Saleema Vellani Lara Viada Peter Laszlo Vincze Scott Booth Viohl Michael Andrew Volpe Matthew Aaron Ward Eshrat Waris* Ian Kenneth Warthin Marcus Alleyn Watson Tiffany Danielle Weaver Adam Michael Weinberg Amy Suzanne Weiner** Paul Welcher** Elizabeth Clark Wente Isabella Alexandra Wiederwohl Anna Victoria Wilson Joseph Wilson Christopher J.B. Wong** Paul Alexander Wozniak** Edward Hume Wrong Wei-ruo (Katie) Xiao** Siyuan Xie** Xunyi Xu Matthew June Yi Marco Zefferino Ramon Zertuche Lu Zhang Minsi Zheng Yijing Zhong Shuwen Zhou Dan Zhu

Carolina Zimmerman Andrew Benjamin Zoeller Tristan David Zoerb Jennifer Ann Zurek

Masters of Arts in International Affairs

Ahmed Taher El Fadly Anna Fritzsche** Marco Ferrara Anthony Cole Halley Chandni Lanfranchi Maximilian M. Meduna Eleonora Negrini

Masters of International Public Policy

Spencer Anne Abruzzese* Russell Paul Allison Naomi Anisman M Abul Kalam Azad** Casiano Lopes Francisco Benicio* Andree Brands** Laura Marisol Cabrera-Lopez** James P. Cartwright Martin Włodzimierz Chadzynski Guangda Chen Alexandra Natalya Chopivsky Roger J. Cochetti* Maria ramos Conte** Iulia Krasimirova Damianova Maia Michel Daniels** Dana Alexander De Coster Nicholas Joseph Demeter Abby C. Ellin Gerald Kent Fisher Carl Russell Fletcher Laura Landreth Freeman Louis Benjamin Frketic Yu-chia Ho** Ifiok Ibanga** Anne Marie Kelly Tae H. Kim** William Alexander King Kelley J. Kornell Ieva Kupce Katarina Lesandric* Thang Vinh Ly** Mary McGurn Philip Andrew Messer Ambereen Raza Mirza

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Ibrahim Zabad**

THE SCHOOL OF MEDICINE

Masters of Science

Henry Li,

Health Sciences Informatics.**
Olusesan Ayodeji Makinde, Applied

Health Sciences Informatics.**
Olawande Oladapo Ogunsanya,

Applied Health Sciences

Informatics.**
Yair G. Rajwan,

Health Sciences Informatics.

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Masters of Arts Tyson David Bowen, Biochemistry, Cellular and Molecular Biology Training Program-Pharmacology and Molecular Sciences.** Katherine April Bradbury, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology.** Elizabeth Alexandra Cook, Medical and Biological Illustration. Mitchell Darren Datlow, Neuroscience. Heather Ann Dye, Cellular and Molecular Medicine. Matthew William Feldman, Human Genetics and Molecular Biology.** Theron Clinton Gilliland Jr., Cellular and Molecular Physiology. Neha Lal, Neuroscience. Kaitlin Elyse Lindsay, Medical and Biological Illustration. Courtney Arden McKenna, Medical and Biological Illustration. Elyssa Lynn Siegel, Medical and Biological Illustration. Shamayra Samantha Smail, Pathobiology.** Woojin Song, Biological Chemistry. Eo Van Bemmel Trueblood, Medical and Biological Illustration. Wenjing Wu, Medical and Biological Illustration.

THE G.W.C. WHITING SCHOOL OF ENGINEERING

Post-Master's Advanced Certificates

Todd Joseph Levy, Applied Biomedical Engineering Craig Raymond O'Donnell, Mechanical Engineering** John David Schroeder, Computer Science**

Masters of Science in Engineering

Sarah Amal Abaza, Chemical and Biomolecular Engineering Martin Kendal Ackerman, Mechanical Engineering** Bahman Afsari, Applied Mathematics and Statistics Rahul Agarwal, Biomedical Engineering* Omar Mian Ahmad, Computer Science** Byung Gyu Ahn, Computer Science** Dong-hyun Ahn, Applied Mathematics and Statistics Stephen L. Alexander, Mechanical Engineering Bradford Scott Allen Jr., Chemical and Biomolecular Engineering** Nourah Mohammed Almashan, Civil Engineering Weston Buckley Anderson, Geography and Environmental Engineering Mustafa Mert Ankarali, Mechanical Engineering** Stephen Charles Barolak, Computer Science Faith Ann Bazley, Biomedical Engineering Jeffrey Daniel Berglund, Applied Mathematics and Statistics** Nandini Bhartiya, Computer Science Amit Bhatia, Electrical and Computer Engineering* Eric Andrew Brodie, Applied Mathematics and Statistics** Kelley Warren Burgin, Computer Science

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THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

Masters of Science

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Masters of Science in Bioscience Regulatory Affairs

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Masters of Arts

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Devin James Kowalski

Masters of Arts in Writing

Marie Irene Abate** Janyne Althaus Christopher Shaun Beaumont Charles D. Boodman** Wells Daniels Burgess** Erin Skelly Cameron Douglas M. Canter** Ronald Neal Capps** Matthew Hampton Dozier** Amy F. Eward** Ellen Ficklen** Robert Richard Fulton** James Leslie Gossard** Jared S. Gottlieb Jason Christopher Govern Elise Kiera Hahl Sean B. Hammer Rebecca Helen Harris** Lauren Elizabeth Hassani Faith Alexandra Hayden

^{*}Degree conferred August 26, 2011

^{**}Degree conferred December 30, 2011

Janice L. Henderson Susan C. Ingram Nicole Dominique Jean Brianne Alexis Johnson** Deirdre Mary Johnston Emily S. Jones Wilona Elizabeth Karimabadi** Soo Kim* Kristina Lohmeyer Kriss** Beth A. Lefebvre** Dawn Lemanne Dana Lynnell Little Teresa E. Markle** Ariel L. Martinez Brumbaugh Katharine L. Merow** James Joseph Meyer Eva KL Miller** Martha J. Miller** Brittany Elyse Moody Casey Adele Moore** Bryan Michael Nichols** Christy Joan Northfield** Alyson Rose Quinn Karen Lesley Rivers Sheryl Louise Rivett Emily Jean Roller Bradley A. Scriber Garvi Sheth Kecianne Maryse Shick** Lauren C. Sloat** Robert Aaron Thompson** Heidi Elizabeth von Teitenberg Heidi R. Vornbrock Roosa Jennifer Walker** Wesley Ward Mary Eileen Wigginton** Lauren Casey Williams** Matthew J. Willmott**

Masters of Liberal Arts

Anne-Elizabeth Albinak
Melissa Courtenay Coffey
Edwin W. Courtemanche
Jessie Kathleen Dixon**
Lisa Ann Dulin*
Thomas O. Durkin
Linda Graham
Daniel I. Gutierrez-Sandoval**
Rachel Ellaine Hickson*
Michael Wayne Hooper
Paul Joseph Huesman
Holly T. Kemberling

Gregory M. MacPhee James E. Monack** Carolina Vilas Boas Monte Rosa** Kristine Montgomery Michelle Renee Moody Alison N. Morrow** Josianne W. Pennington** John F. Rebello Emilee Nora Romano Nancy Danenberg Rosenberg** Sarah E. Slingluff Sarah Lynn Taylor** Anthony Leo Teano Cassandra N. Walters** Rita L. Walters Mark L. Winebrenner Eva Wright**

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

Masters of Science in Biotechnology/Masters of Business Administration

Ray S. Ahmed Olufunmilola Diana Ajayi David Justin Auerbach Seon Mi Baick* Monica Elain Korrell Mark A. Lichaa George Jim Park Sharon L. Seelman David Michael Simpson

Masters of Arts in Communication/Masters of Business Administration

Phillip Daniel Drujak Courtney M. Hastings Thomas Benton Jenkins Anna Nagel Michelle Dawn Vanderhoff

Masters of Arts in Government/ Masters of Business Administration

Courtney Blaire Berkholtz
Ryan Christopher Burge
Randy Lee Erwin Jr.
Daniel T. Hilton**
Melanie Jan Hudson
Matthew Philip Johnson
Michael J. Lettiere
Joshua Lloyd McCoy*
Erin Marie McDermott*
Sage Scott Newman*
Andrew Edward Saelens
Bartholomew Jacob Thornburg**
Adam Wesley Vicks
Tierra Renee Warren

THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

Certificate of Advanced Graduate Studies in Liberal Arts

Blake Charles Barnes

Certificates in Biotechnology Enterprise

John Everett Crosland** David M. Locke* Holly K. Troche*

Certificates in National Security Studies

Amy Noel Armstrong**
Gary David Belvin*
Zakariya Dehlawi**
Laura Renee Fisher**
Lorinda B. Harris
Janine Keil*
Karen Rebecca Schandler**
Ryan R. Stranahan**

Graduate Certificates in Geographic Information Systems

Jeffrey L. Bevan James M. Dolansky Jonathan D. Gross* Kinyuy Flauribert Takwa

THE CAREY BUSINESS SCHOOL

Bachelors of Science

Roger Nathanial Ashby, Business Lois Sparkman Brooks, Business and Management* Jonathan Harris Bruncsak, Business and Management Man Kei Chak, Business and Management* Tyler Cole-Rubin, Business and Management Paulette Beverly Fung, Business and Management Nathan Kenneth Gertner, Business and Management* April V. Gibson, Business and Management Cyrus P. Guzdar, Business and Management Su Yon Ha, Business and Management* Sion Moises Harari, Business and Management* Amber Jean Harris, Business and Management* Reginia Alethea Hawkins, Business and Management Megan E. Herbert, Business and Management* Kathryn E. Jeter, Information Systems Amy Erin Johnson, Information Systems* Elton Juter, Business Jaesang Kim, Business Keun Woo Kim, Business and Management Malgorzata Krakowiak, Business and Management Douglas James Lamude, Business and Management* Daniel Listhaus, Business Renee L. Loudermill, Business and Management* Terry L. Mack, Interdisciplinary Studies Ehsan Mahmoudyeh, Business and Management* Lisa Gayle Manfuso, Business and Management Svetlana O. Marrow,

Lisa L. Moreland, Business and Management Adrienne L. Morrow, Business and Management Wanda L. Moss, Business and Management* Anguel A. Nakov, Business and Management* Felicia Polk, Business and Management* Linda M. Provenza, Business and Management Misti Ann Pruski, Business and Management* Joshua Reich, Business and Management Melissa Louise Saddoughi, Business and Management Neil Benjamin Samuels, Business Neal Warren Shenk, Information Systems** Matthew W. Shoe, Business and Management Bryan Sutton, Business and Management Ayana Teal, Interdisciplinary Studies Alioune Badara Thiam, Business Raphael C. Wassner, Business and Management* David Wertenteil, Business and Management* Janice Carol Williams, Business and Management Jeremy D. Winter, Business and Management*

THE SCHOOL OF EDUCATION

Bachelors of Science

Anita L. Allen, Management
Paul E. Borja, Management
Roland Leonard Butler Jr.,
Management
James M. Cathcart, Management
James W. Davis, Management
Andrew Michael Dawidowicz,
Management
Brian E. Dayton, Management
Lewis John Douglas Jr.,
Management
David W. Ennis, Management
Robert Owens Estes, Management

Woodrow White Jones III, Management John Bradley Lyon Jr., Management Carlos R. Pavon, Management Oscar Rodriguez, Management Myles Stevenson Roy, Management Paul Marcillese Shelton, Management Ronnie D. Smith, Management William A. Smith Jr., Management Robert C. Then, Management Jeffrey D. Thomas, Management Stephen E. Tucker, Management Timothy W. Tyler, Management Stephen Joshua Wilson, Management

THE PEABODY CONSERVATORY OF MUSIC

Bachelors of Music

Zoe Liliana Band, Voice

Michael Benjamin, Jazz Guitar

Brittany Bowen, Double Bass

Rose Bridges, Composition

Alican Çamcı, Composition

Kevin B. Clark, Jazz Guitar

Louis Gene Crocetti IV,

Ji Hee CHa, Violin

Dennis Caravakis, Double Bass

Allison Marie Clendaniel, Voice

Double Bass Performance and Computer Music Composition David Edward Diehl, Voice Sarah Jessica Errickson, Voice Lindsey Falbo, Horn Andrew Ferguson, Double Bass Jerzy Joseph Gangi, Computer Music Patricia Marianna Gawin-Wnek, Violin Julienne Taylor Gede, Voice Shana Jessica Megilah Grossman, Voice Alec P Hiller, Double Bass Elizabeth Honeyman, Oboe Katelyn Elizabeth Huff, Music Education and Trumpet Songeun Jeong, Violin Ryan Raines Jones, Oboe and Music Education Zoe Jennifer Kanter, Voice

Josef Kardell, Composition Christopher Michael Keenan, Organ Peter Hamilton Kibbe, Violoncello Bo Kyung Ellen Kim, Piano David Alexander King, Jazz Saxophone Ya-Nu Nancy Ko, Viola Anton Lande, Violin Tyler Samuel Lee, Voice Yisak Lee, Guitar Michael John Leone, Music Education and Trumpet Nicholas Linder, Jazz Percussion Mason David Lubert, Music Education and Saxophone Kei Maeda, Percussion

Kei Maeda, Percussion
Katherine Reading Magruder, Oboe
Rachel Mangold, Double Bass
Julianne Elyse McCarthy, Voice
Charlotte Rowan McGirr, Violin
Ursula Sahagian Mills,

Music Education and Oboe
Tobias Morris, Violoncello
Christopher P. Moy, Guitar
Jacob Niederhoffer, Violin
Krystin Tianna O'Mara, Guitar
Sejoon Park, Piano
Ellie Pavlick, Saxophone
Annaliese Marie Perrett,
Trumpet and Music Education
Christopher Gerard Pierorazio,

Erica Lynn Richardson, Violin Ian Michael Richter, Saxophone David Vincent Rocca, Bassoon Mika Emily Sasaki, Piano Roy Schwartz, Computer Music Ariyo Z. Shahry,

Jazz Percussion

Composition and Horn Martiros Shakhzadyan, Violin Howard Benjamin Shaver, Voice Julia Sheriff, Piano Robert Charles Sirois,

Bassoon and Music Education Gabriel Fisher Slotnick,

Recording Arts and Sciences and Computer Music

Maureen Elizabeth Smith, Voice Kristin M. Stauffer,

Music Education and Trombone Stephanie Marcia Suryahadi, Bassoon

Business and Management**

*Degree conferred August 26, 2011

^{**}Degree conferred December 30, 2011

Benjamin Thomas Swartz,
Violoncello
Wesley Maeve Thompson,
Double Bass
Georgi Videnov, Percussion
William Westley Wisnom Jr.,
Organ
Elizabeth Yang, Violin
Dian Zhang, Violin
Ge Zhu, Piano
Sheri Rachel Zweier, Clarinet

THE SCHOOL OF NURSING

Bachelors of Science May 24, 2012

Heather Anastasia Adams Margaret Elizabeth Adams Michele Jenny Adler Daniela Maria Aguilera-Titus Jan Katherine Albert Alyssa N. Anderson Elizabeth Ann Arnold Carol-Ann Becker Madeleine Stuart Beebe Chava Rachel Benjamin Nneka Anjah Benjamin Sabrina Shelley Berman Mark Andrew Bertelsen Dianne Bettick Emily Anne Bisker Katherine Meyers Bissett Shennoa Rachelle Blake Nyla April-Louise Blasdell Patrick Timothy Bringardner Sarah E. Bristol Laura Michelle Butler Ashley Marie Callihan Beverly M. Casinelli Joseph Albert Chen Sung E. Cho Hyunjeong Choo Sofie Amalie Christensen Gina Rae Colaizzo Katrina Louise Colbourne Heather Alexandria Coleman Jessica Acosta Coliflores Laura Michelle Collett Iill Rachel Collier Margaret Eleanor Cortright Melanie Marie Costlow Genevieve Elizabeth Courpas

Stefanie Michele Crowthers Iomarie Cruz Lisa Nicole Cullen Jessica Anne Curry Kelly Marie Davidson Carrie Jo Davila Thaíssa Keller-Souza Davila Patrick Riel Quiton de Vera Kristen Elizabeth Degenhart Nestor Vicente Regalado Diaz Nancy L. Dich Rachel Veronica Edelstein** Stephanie Michelle Elliott Jessica Fant Shaina Erin Farfel Marisa Fife** Sarah Marie Fisher Lauren Kingsley Foreman Victoria Wojieh Fuondjing Daniele Dantas Gomes Sarah Melissa Gray Ngaothong Gina Michele Grinstead Carly Elizabeth Hall Saaraa Hamirani Stephanie Kathleen Hammer** Kari Suzanne Hatfield Julia Elizabeth Helsel Ianelle Maria Henry Sarah Jeannette Hess Irvin Hiralall Kelli Michiko Hiraoka Julia Spiller Hirschy Alexander Glen Holmes Emily Rose Dickler Hoppe Kristen Constance Hossick Alexandra Jade Hunt Lindsey Lee Hunt Paige Marie Ibello Robert Masaji Imada Mary Brooks Ingram Adam George Jabour Emmanuella W. Jean-Ulysse Williams Jacqueline Johnson Ellen Virginia Kearney Hyo-Jung Kim Nicole Elizabeth Kleiner Genna L. Kloss Kathryn Anne Kloss Kathleen Morin Kretzmer Amy Yen-Mei Kuo

Staci Anne Kyle

Meghan Kathleen Laird

Danielle Laraine Lama William Elliot Lampe Kyung-Jin Rebecca Lee Rachel Lee Ashley Ann Lindberg Laura Kathryn Lingenfelder Rachel Nicole Looney Melissa Jayne Lotz Margarita Mana-Ay Heather Michelle Marino Fatuma Mawanda** Meaghan Elizabeth McCormick Brenna Marie McDonnell Eileen Marie McHenry Katherine Elizabeth Mead LeeAnn Elizabeth Mentzer Daniel Joseph Mertz Kathleen L. Messman Nasreen Mohammed Carin Molchan Erica Ann Morga Chelin H. Mun Hannah MacLea Murtaugh Thao Thanh Nguyen Brendan Robert Bruce Notestein Shannon Leigh Orama Melanie Nicole Osborne Kaity Pak Faye Park Lucy Helen Paschos Ioni Ann Pedersen Teresa Anne Pfaff Kaitlin Elisabeth Pillion Mark Pitcairn Melissa Eileen Quinan Nicole Alyse Ramsey Allison Elizabeth Rapp Felicia Adeline Rockko Lauren Elizabeth Rogers-Bell Lauren Alexandra Rubino Rebecca Sophia Sacks Aarthi Premila Sathva Anna Gould Schuettge Amie Scott Lindsey Holbrook Seefeld Delia Roberge Shanahan Leslie Rebecca Shrager Laura Eve Snider Kelsey Lynn Squires Pious Subedi Carolyn Beth Summer Rachelle Jordan Sumrall Karen Elizabeth Talbot

Julia Speed Taylor Amy Jean Thomas Donna Elizabeth Wadman Harpreet Singh Walia** Peggy Diana Wang** Caitlin Gore Ward Angela Nicole Wasson Caitlin Gabrielle Weinberg Tarleen Kaur Weston Stacy Dawn Winters Sarah Jayne Woodbury Elizabeth Claire Yiu Alana Michelle Yoffe Sara Elise Zachmann Katrina Elizabeth Zeigler** Erik Martin Ziegler

Bachelors of Science July 20, 2012

Catherine Alison Aldinger DeAnna Brooke Anderson Amy M. Arthur **James Matthew Avalos** Jacqueline Marie Baker Joanna Susan Balza Erin Michelle Benton Molly Murphy Bernish Jessica Leah Blumberg Ariela M. Borkan Anne-Marie Yvonne Boucher Alison Ann Bourke Lauren Rebecca Braun Amy Elois Purviance Bross Cristene T. Burke Shanique Rochelle Campbell Hilary Anne Carroll Maire Elizabeth Casey Jenna Marie Cataldo Martine Paris Caverl Kimberly Sue Chalco Kenny Kwan Chen Lin Chen Jacqueline D. Choi Linda Sue Conn Sophie G. Connolly Christina Lynne Cordingley Joycelyn Cudjoe Jessica Brigitte Del Bono Margaret Claire Devlin Lauren Anne Dietrich Lesley Tenielle Dokes Genna L. Doll

Kaitlin Christine Donahue Kristen Kelsey Dunn Mary Ellen McConville Dupont David Jean Duranceau Rosalie Ferne Edholm Katie Elizabeth Epting Mary Quinn Fassnacht Laura Elizabeth Faulkner Emily Elizabeth Fogg Elizabeth Louise Foxwell Lisa Marie Garrett Margaret Stewart Gibson Paige Marietta Griffith Kristen Rebecca Hains Ai Ly Thi Ho Mary Josephine Holuba Elizabeth Deborah Hopkins Mary Catherine Howard Christina Maria Hucik Jennifer Lynn Hudson Marissa Marie Iassogna Melissa Kay Ivester Meghan Fawcett Johnson Nathaniel T. Johnson Mariam Ahmad Khan Soohyun Kim Erica Elizabeth King Erica Cecily Koff Jaclyn Olivia Kramer Helen Lynch Lapedes Joni Ilmari Lauri Brittany Collins Layfield Katelyn Mary Young Lucy Lindsey Kathleen MacNeil Colleen Marie McArdle Lauren Julie McGivern Nicole Heather McGrail Katherine Anne McNelis Danielle Nicole Mello Kate O'Neill Menezes Aaron Dyer Mestemaker Sarah Nadine Micley Hannah Louise Miner Morgan Grey Mirth Kelly Adams Montoya Elizabeth Anne Murphy Jessica Madelaine Needham Mary Holland Newbold Christa Elaine Oakes Antigone Ioannou Pantanizopoulos Renie Joie Francisca Penna-Couttenye Amber Wray Pickard Jennifer J. Pico

Sarah Ann Raider Katherine Clarke Redman Kimberly Beth Reed Cara Leigh Reske Aleena Marie Rorapaugh Hayley Jenna Rosen Aliza Rochelle Saltiel Anna Harriet Sanford Gabrielle Santangelo Anna Michelle Schauer Claire Christie Scheumann Jeremy Daniel Schiefen Margaret Anne Scholtes Lauren Oppenheimer Searls Jason Christopher Simick Emma Katherine Staller Emma Kellaway Stillman Erika L. Sundberg-Reel Olivia Yandon Svrchek Lauren Suzanne Svrjcek Magdalene Bate Tanyi Epse Ayuk Brandi Michelle Terrell Elizabeth Sonya Tunkle Jolene Marie Valdez Amanda Elizabeth van Tassel Corinne Allen Weddell Madeleine Michael Whalen Tamisha Latoya Williams Rachel Mary Witter Kristen Leigh Williamson Zycherman

THE G.W.C. WHITING SCHOOL OF ENGINEERING

Bachelors of Science in Applied Mathematics and Statistics

Michael Dylan Berliner
Garrett Soulek Gomez
Holly Laura Goodman
Paulina Jean Goodman
Kyu Hyun Kim
Jai Gaurav Lakhanpal
Bryant Lie
Kevin Patrick McDermott**
Jonathan Daniel Mest
Wenli Mo*
Alexander Nathan
Bridget Catherine O'Brien
Stephen Nicholas Pallone
Avidan Daniel Pell

Anthony Stephen Priolo
Aaron Mitchell Schecter
Evelyn Shen
Amanda Elizabeth Snekszer**
Lindsay Megan Stiller
Alexander R. Strachan**
Ran Tian
Jacqueline Waizanne Tse
Elizabeth Daniels Webster

Bachelors of Science in Biomedical Engineering

Jack William Aguilar

Tolulade Oluwatosin Adeofe**

Marib Islam Akanda Diego Ardila* Winston Junyan Aw Ryan Burne Barrett Guilherme Barros Jonathan Adams Beagan Tara Jeanne Altese Berglund Paras R. Bhatt** Thomas Allen Bozada Jr. Mustafa Burny Zachary R. Chaffin Anthony Shenkai Chang** Chen Chen Michael Wu Chen William Cheng Chen Kailun Cheng Elliot Choi Hoyong Choi* Joseph Shinju Choi Won Jong Choi** Woo Jin Choi Emmalynn Jayne Connor Andrea Valentina Corredor Lopez Rohit Dasgupta Rohit Dayal Nuala Wheeler Del Piccolo Judy C. Doong Danielle Nicole Dorfman** Stephen John Dria Stephanie Sarah D'Souza Caleb James Fan** Cecilia Elizabeth Furlong Benjamin James Googe Akriti Gupta* Amrita Gupta Saumya Suresh Gurbani** Jesse Ian Hamilton Lichy Han** Yujie Han

Stephen Hou Ally Huang Junxiao Huang Kelsey Marisa Humphries Maximilian Andrew Hunt Haruka Imura Radha Iyengar Minyoung Jeon Andrew Yang Kim Jongsoo Kim Peter Kim Robert Kim Sang-Keun Kim Yonjae Joshua Kim** Markus Nelson Kowalsky Akshay Krishnaswamy Wen-han Lee David Li Peter Clement Li** Shida Li Simon Wei-Quan Lim Ioan Adrian Lina Alexander Guan-Jey Liu Lai-yue Sam Luo Henry Ma Eric Madar Abhigyan Mukherjee** Tanziyah Muqeem Eul No Neil Philip O'Donnell Won Chan Oh** Alina Chorom Pak Deng Pan Jimmy Yu Pan* Elissa Patricia A. Parada Payal Patnaik Oren Zvi Pollak** Richard Jay Powers Alexi Kastrinakis Prentakis Frank Ruofan Qin Yueqiao Qu** Giuliana Rotunno Millie Sunil Shah** Rohan Shah** David Sung Shin Conan Kin-Ming So Jessica Marie Stuyvenberg** Steven Hankong Su Tsung Jui Tsai Joy Ezinne Ukaigwe Michael Eugene Van Maele Saurabh Vyas Yuan Wang**

Adam Yao Xiao

^{*}Degree conferred August 26, 2011

^{**}Degree conferred December 30, 2011

Yijie Xu
Peter Huayue Yang
William Edward Yang
Franklin Yao
Qing Xiang Yee
David Yin
James Jun Ying
Noah Paul Young
Alexander Ka Kuen Yue
Linda Yue
Sohail Zahid
Yuqi Zhang

Bachelors of Science in Chemical and Biomolecular Engineering

Nicholas Nee Anyeteye Akogyeram, II* Aisley Kojo Amegashie Iames Paul Sison Angeles Nana Y. Atuobi* Stefanie Marie Berges* Emily R. Blake Miles Patrick Bloom Timothy John Bowman Victoria Maria Braida* Iulian Cabezas Shutian Cai Laura Amiss Caplinger Chih-Chieh Chan Sumon Chattopadhyay Jia Jun Chia Andrew Young-Joon Choi Alvin Cheng-Hock Chua Jr. Kelsey Renee Dean Melissa Rae Good Bernardo Jose Guzman Briana Nicole Hafertepe John Richard Halvorsen II Cameron Matthew Hudson Caitlin Christen Ialenti Elena Fiorella Jacobson Yu Seon Kim** Linda Kristoffersen* Frederick Howe Kuo Christopher Thomas Lee Daniel Whee Lee Moon Young L. Lee Mary Nakazawa Siqi Ngan Victor Hyun Oh Tzia Ming Onn

Clyde Thomas Overby III Christian Paul Parrish Roberto Alonso Passaro Adam M. Polak Colleen E. Ouinlan Arvind Ravichandran Jonathan Nolan Rogers Marianna Katherine Sayeg Kelly Anne Schwarz Arianne Bernice Sevilla Aakash Yogesh Shah Nicole Diana Sharer Dongyeon Helen Shin Tomislay Suchan John Maxwell Trumble* Ioanna Wilhelmina Tsao Boonsom Uranukul Jonathan Keavney White Daniel Andre Wolozny Dennis Xiang Courtney Sarah Young Stephen Qianxiong Zhao

Bachelors of Science in Civil Engineering

Mouhamed Motaz Alkaysi Kristine Marie Carter Peter Buckler Eckhoff Jr. Catherine Mary George Charlotte Louisa Healy John Hinchcliffe Bozhou Huang Alison Rose Ann Ignatowski Erin Elizabeth Kelly Andrew M. Macina Thomas Read McFarland Sevdalina Petkova Sabeva Dawneshia Monet Sanders* Theohariti Sevdalis* Matthew J. Sisinni Meagan Patricia Young

Bachelors of Science in Computer Engineering

Neil Singh Dhillon Jesse Aaron Grodman Kevin Michael Hughes Jonathan Robert Kriss Haoyan Man** Steven James Moran Diego Salume Gregory Alexander Vorsanger**

Bachelors of Science in Computer Science

Kieran Griffith Brantner-Magee Mark Joseph Corwin Robert Baker Douglas James Julias Doverspike Charles William Irvin Duvk Brendan L. Ebers Manaswi Gupta Samuel Hu** Martin George Kelly Bonnie Alison Murray Vincent Tak Ng Spencer Ong Spencer Christopher Powell** Kirk Krishan Sabnani Maxime Navid Sadrieh Ionathan Andrew Schwam Joshua Ryan Smith Michael Craig Tango Luis Esteban Tueros-Grimaldo Xin Yuan Wang Siren Wei Roger Z. Xu Michael Eric Zaccardo** Tony Ran Zhang**

Bachelors of Science in Electrical Engineering

Fawaz Nasser Ahmed Steven Kim Anderson Thomas Kuan-Ho Cheng Nicholas Santiago Ford Eric Kan Hee Yeul Kwon Jonathan Louie Synteche Simone Ribeiro Shao Mei Tan Catherine Alys Tarakajian Michael Lee Weinberger

Bachelors of Science in Engineering Mechanics

Albert Jen-Yon Chen Sara Elizabeth Tankard

Bachelors of Science in Environmental Engineering

Thomas Henry Aird Stephanie Lynn Beadle Michelle Anne Callaghan Prasad Ravi Gullapalli** Lucas Richard Fath Henneman Ionathan Louis Ho Kristen Mei Hum Rebecca Boyce Phillips Brian Christopher Shell Jeffery Wookeon Song Sharon Hu Sun Iin Tao* Jason Whaley Tobin* Elizabeth Marie Tramposch Erik Martin von Heijne Ellen Camille Wade

Bachelors of Science in Materials Science and Engineering

Javier Alejandro Avitia-Velazquez Blake Daniel Barnett Chen Chun Chiang Seann Peadar Convey* Heidi Renee Culver Erin Marie Deda* Nicholas Andrew DeSantis Sheree Ianine Geller Katherine Herman Daniel Ho Rohan Kumar Jain Howard Joress Anita Luong Armen Garo Melikian Jeremy Michael Shin Chao An Tien Zachary Allen Wach Nicholas Xavier Williams

Bachelors of Science in Mechanical Engineering

Isai Ernesto Badaraco Austin Robert Baird Konstantinos Bertsatos Matthew Scott Blake George Ross Blum Michael Hunter Brown Daniel R. Cadel Daniel Shin Choi Hector Junior Cintron Peter Jordan Costa Peter Stuart Cremona-Simmons Alperen Degirmenci Peter Kari Denny Esteban Escobar Gómez** John Francis Falzon John Domonick Gardus III Benjamin Isaac Goldberg Robert C. Grande Shannon Elizabeth Hayles Caroline Steele Henriques Ana Maria Johnson* Kunwoo Kim Carlisle Hamerton Leitch Hans Ma Sarah E. McElman Adam Jonathan Merritt John Allen Miranda Jr. Arman Farhoudi Muse Mark Nicholas Petraroia Christopher Robin Price Matthew David Rice Andrew Dudley Rohland Vincent François-Charles Rolin Imbi Salasoo Nicholas Herbert Salzman Noel Sanjuan Peter N. Sebrechts William David Selba Carl Philip Snyder Colleen Rebecca Stone Juan David Tobon Lotero Lindsay Crispin Tyson Alex Paul Villa James Hovey Weisheit*

Bachelor of Arts

William Alexander Raetz, General Engineering

Bachelors of Arts in Applied Mathematics and Statistics

Beom Joon Cho Melissa Janelle Cole Michael Gerard Musary Jr. Timothy K. Nam Nicole Jessamyn Passmore Hannah Wynn Rosseau Menghan Xu

Bachelor of Arts in Biomedical Engineering

Jonathan Sevilla Cazes**

Bachelors of Arts in Computer Science

Stephen Charles Barolak Catia Solange Goncalves Serena Frances Jeblee

Bachelor of Arts in Geography

Arjune H. Shukla

THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

Bachelors of Science in Molecular and Cellular Biology

Samantha Balane Baxter
Manik Bhat
Daniel Emil Bibl
Jacqueline Elizabeth Birkness**
Kristin Marie Boulier
Bianca Shen Cabri
Andrew Davey Chang**
Jessica Chen
Bing Shao Chia
Jerry Chan Hsiang Chih
Lauren Hisako Chinn
Kimberley Chiu
Tiffany Chung

Laura Suzanne Dankovich Heloisa Martins Decarvalho Robert Lawrence Dilley** Sheldon Laurence Edwards Wallace H. Feng Kana Hamada Kristyn Rose Hayashi Amy Louise Herbert Irene Hannah Ho Eunmi Hur Clifton Rupert Jenkins-Houk Aiyang Jiang Yujin Jung* Irina Khurana Catherine Young Kim** Stephanie Hane Kim Stephen Bela Kovacs Aparna Krishnan Ramya Krishnan** Barry Kwon Moon Lee Brian Phillip Lee Ricardo Alberto Linares Saldana Yang Liu Zhen Arthur Lu Olivia Anne Lucas Michele Ly Alejandro David Martinez Jessica Jean Miciak Desty Muchiri Muturi Lianna Ruby Navar Erik Kristian Nielsen Adedotun Adetomiwa Ogunbajo David Jeesoo Park Judy J. Park Benjamin Stanley Parker Sabina Khyal Pathan Steven Yang Qian Sruthi Sakamuri Lena Abdallah Saleh Teresa Andrea Scontras Nina Nashat Semsarzadeh Srona Sengupta Beshoy Ramses Sidhom Jeffrey Andrew Siegel Shabeg Singh Andrew Richard Snavely** DaYoung Amanda Song Camille Taraneh Soroudi Marilyn Georgia Stasinopoulos Matthew Justin Stroup Daniel Wai-Chung Tam**

Nicholas Timothy Culbertson

Rebka Tekeste
Jeremy Margarette Antero Vidal**
Trang Ngoc Diem Vu
Ban Wang
Ashton Nicole Williams
Harper Lee Wilson
Samuel Jaeyoon Won
Reid Parker Woods
Lindsay Jade Yanakakis
Hui Yang
Jungmi Winny Yun

Bachelors of Science in Physics

David Patrick Coren
Jeffrey Rogers Dandoy**
Drummond Buschman Fielding
Luke Anthony Ginocchio
Connor Andrew Henley
Nicolas Daniel Jimenez
Zachary Scott McGraw
Manisha Narayanan
Benjamin Charles Ponedel
Matthew Ryan Sartucci
Jason Victor Walsh
Alexander J. Weaver
Tiffany Wei
Adam Elias Zeldin

Bachelors of Arts

Sara Ibrahim Abdel Rahim. International Studies Ligia Aceves, Public Health Studies Corey Hamilton Adams, Political Science Asiwome K. Addae, Biology Hilena Solomon Addis, Public Health Studies Kevin A. Adekoya, Psychology Bayan S. Adileh, Neuroscience Jacqueline Andrea Aguilar, International Studies Carolyn Nicole Ahart, Psychology Selee Ahn, History of Art* Gaurav Singh Ajmani, Public Health Studies Sesime Adima Akoto, Chemistry Lydia Mary Alcock, Psychology Khurram A. Ali, International Studies Arielle Jessica Alpert, Earth and Planetary Sciences

Scott G. Tan

^{*}Degree conferred August 26, 2011

^{**}Degree conferred December 30, 2011

Emma Grace Alterman, Sociology Morgan Sara Altinok, Public Health Studies Arielle Nicole Alvaro, History of Science, Medicine, and Technology Stephanie Ann Amalfe, Cognitive Science Julia Keelan Angley, Writing Seminars Jacob Theodore Appet, Writing Seminars Miles Donneghan Archer, International Studies Caroline Richey Arenz, Classics Katherine Warner Arnett, International Studies Emily Jane Arnold, Economics** Jeremiah Mireku Asante, Public Health Studies* Trishana Elizabeth Ashman, Biology ** Margaret Peck Ashton, History Winifred Au, Writing Seminars Dayna Alicia Austin, Natural Sciences Area** Amy Elizabeth Babay, Cognitive Science Tiana Rose Badillo, Mathematics Mercy S. Baffour, Public Health Studies Alessandra Marie Bahneman, Public Health Studies Sabeeh Ahmed Baig, Public Health Studies Diana M. Baik, International Studies Inhye Baik, Psychology** Christopher Joseph Bailey, Mathematics Courtney Elizabeth Baird, International Studies* Zeinab Abdel Fattah Bakhiet, Public Health Studies Caitlin Marie Baldwin, Psychology Rachel Marie Ballatori, Psychology Jacob Paul Barnaby, International Studies Karine Dominique Barnes, Public Health Studies Gabrielle Alanna Baros Barr, History Scott Evan Barrett, Political Science John Vincent Bartolotta Jr.,

Public Health Studies

Jerusha Elana Barton. Writing Seminars Kathryn Ann Baselice, Psychology Danielle Alyse Basford, Writing Seminars Yuriy Vadimovich Bash, Cognitive Science Tony Joseph Battaglia, Public Health Studies Peter Burton Baumhart, International Studies David H. Belton II. Public Health Studies* Christopher Steven Benner, English Mark Charles Bennett, International Studies Samantha Jane Berns, Public Health Studies** Kerri F. Best, Biology Allegra Elisabeth Bettini, History of Art Carly Lynn Bianco, Writing Seminars Kyle Henry Bieg, Economics Moshe Hillel Bildner, International Studies Jeffrey Alexander Bismayer, Writing Seminars Ross Warren Bittman, Public Health Studies** Deirdre Alex Blanos, Mathematics Micaela Davitt Bloomer, International Studies Elizabeth Aylesford Carey Boden, Earth and Planetary Sciences** Courtney Leigh Boger, Economics Aaron Mitchell Borenstein, Sociology Mark Stewart Borenstein, Psychology* Jennica Phenide Bouquet, Public Health Studies Lauren Ruth Boyd, History of Art Kevin William Boyle, Public Health Studies Fentress Dittrich Latrobe Boyse, International Studies Louis James Bracco, International Studies**

Tara Marie Brailey,

International Studies

Lucas Maurice Brambrink. Neuroscience Kari Ilana Brandt, History of Art Sharif Abdul-Latif Braxton, Public Health Studies Mark Emmanuel Brennan. International Studies James Kellogg Brenner, Political Science Meaghan Rae Bresnahan. Writing Seminars** Andrew Edward Brochu, Political Science Katherine Lucille Brossman, Writing Seminars Amy Lou Brouner, English** Kevin Brown, Public Health Studies** Lauren Danielle Brown, Public Health Studies Mathew Logan Brown, Psychology** Trevor Wharton Brown, Political Science Tyler Aaron Brown, Public Health Studies Gery E. Brownholtz, International Studies Joseph Richard Buchheit, Franamics Kanin Timothy Bulakul, International Studies Talayesa Buntinx-Krieg, Neuroscience Steven Andrew Burke, History Natasha Biller Burnett. International Studies Rachel Libby Burns, Public Health Studies Andrew Joseph Campagnolo, Biophysics Moorice Atala Caparo, Biology Sarah Elizabeth Capponi, Writing Seminars John-Pierre Cardenas, Public Health Studies Derek Anton Carey, Chemistry* Matthew James Carlone, Economics Hannah L. Carney, History of Art Elizabeth Ann Carr, Neuroscience Robert Wilkinson Carr, International Studies* Bryn Marie Carroll,

Tyler Daniel Cash-Padgett, Neuroscience Camila Caunedo, Biology Rosalia Marie Cefalu, Psychology Dezeray D. Cephas, Public Health Studies Maria Magdalena Ceron Y Ceron, Psychology Hugo Angel Cervantes Martinez, International Studies Leela Chakravarti, Neuroscience Kirsten Elizabeth Chalke. International Studies Karen Shao-Yee Chan. Public Health Studies William Christopher Chan, Economics Cynthia Elena Chanduvi, Public Health Studies Giselle Aubrey Chang, International Studies* Hsia-Ting Chang, English Michael Chi-Ming Chang, International Studies Minji Chang, Behavioral Biology Xuening Chang, Public Health Studies Vanessa B. Charubhumi, Neuroscience Kevin Chia Chen. Natural Sciences Area Emily W. Cheung, Writing Seminars Farai A. Chidavaenzi, Neuroscience* James Joseph Chiusano, Economics Evelyn E. Cho, Public Health Studies Yung Yeon Cho, Political Science Daniel Earl Choi, Psychology* Elliot H. Choi, Neuroscience Eunice Choi, Natural Sciences Area Hye Jin Choi, Natural Sciences Area** Hyo-Jung Choi, Public Health Studies** Jae Ick Choi, International Studies Chandni Ratan Choithramani, Psychology Christine Chun, Public Health Studies Hyochan Chun, Public Health Studies

Public Health Studies

Stephanie Lily Chung, Neuroscience Benjamin A. Cifuentes, International Studies Andrew M. Clarke, Psychology Alexandra Beatrice Clionsky, Economics Kevin Jacob Cochran, Psychology Alexandra Danielle Cohen, Global Environmental Change and Sustainability Sean Richard Coleman, Philosophy Brittany Paige Colton, Political Science Christopher Ross Connelly, East Asian Studies Eric Allen Conner, History Anisha Contractor, Neuroscience Amy Marie Conwell, Writing Seminars Shannon Marie Cooley, Cognitive Science Ryan Frost Cooper, Behavioral Biology James Christopher Corines, Neuroscience Andrew James Cote, International Studies Brittany Alexis Coverdale, Psychology Dylan Thomas Cowart, Public Health Studies Joanna Beth Craig, Behavioral Biology Gavin James Crisafulli, Political Science Catherine Grace Cryer, History April Yu Cui, Public Health Studies Cassie Walker Cummings, Neuroscience Kelly Alyssa Cummings, Near Eastern Studies Benjamin Heath Curry, Writing Seminars Stephanie Lynn Curtin, English Prateik Dalmia, International Studies Peter Beckman Dalton. Political Science Monica Rose D'Ambrogi, Public Health Studies

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Alyssa Shari Forster, International Studies Brooke Alexa Foussadier, Public Health Studies* Jennifer Nicole Fox. Public Health Studies Kathryn Stiles Fox, International Studies Kerry Leigh Frank, International Studies Alyson Hopkins Friedensohn, Global Environmental Change and Sustainability Christine Jordan Friedman, Spanish Ron Joseph Friedman, Psychology** Jonah Oliver Furman, Philosophy** Peter Alexander Galan, International Studies** Samantha Ashley Gannaway, Political Science Julia Walton Garrison, Sociology Zachary Micah Gartenberg, Philosophy* Anthony Michael Dolcino Gass, Biology** Stephanie Jean Geller, Economics Theodore Edmund Generous, International Studies Daniel Jacob Gergen, Public Health Studies Shareef Ahmed Ghanem. Public Health Studies** Khristine Ghemigian, Behavioral Biology Michael John Giampapa, Economics** Ravi-Inder Singh Gill, Economics* Leila Gingis, Psychology* Jonathan Scott Ginsberg, International Studies Daniel Giovinazzo, Neuroscience Ana Cecilia Giraldo-Wingler, International Studies Jordan Benjamin Glassberg, Philosophy Amanda Michelle Glasser, Cognitive Science** Stephanie Ann Goddard, Neuroscience William Enoch Goeller, Political Science** Rebecca Lynn Goetz,

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^{**}Degree conferred December 30, 2011

Neha Anil Gokhale, Public Health Studies** Benjamin Michael Goldberg, Political Science Amanda Michelle Goldman-Petri, East Asian Studies William G. Goldweit-Denton, Political Science Alexandra Marie Good. History of Art Mark Bradford Goodrich, Anthropology Eryn Elise Isabella Gordon, Public Health Studies Paul Gottlich, International Studies Alexandria Amin Grabowski, International Studies Caroline Marie Grady, Psychology Emma Elizabeth Graf, Biology Alexsa Nicole Grant, Public Health Studies Sarah Margaret Gratzmiller, Psychology Dina Joy Green, History of Science, Medicine, and Technology Katherine Greenberg, Political Science Lindsey Rachel Greenberg, English** Madeline Esther Greil, Neuroscience Karen Elizabeth Grethlein, History Andrew Ryan Griffith, International Studies** Ross Leonard Gruber, International Studies Xuanni Mimi Gu, Romance Languages Nicolas Adam Guerrero, Public Health Studies Scott James Gulyas, Psychology Maxi Witrak Gumprecht, International Studies Sheerin Mubeena Habibullah, Public Health Studies Patrick Brett Haire, Economics Christine Joan Hall, Behavioral Biology Andrew Joe Man Halls, Neuroscience Jay Ho Han, Neuroscience Paul Seungho Han,

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Andrew Nader Hanna, Neuroscience Leah Jeffries Harrell, Economics Monica Brittany Lowe Harris, History Shane Tyler Hart, Psychology Christopher Pereira Heintz, Economics Joseph Hemmes, Economics Andrew Meckel Henry, Economics Christopher Richardson Hepner, Cognitive Science Alicia Ana Hernandez-Roulet, Writing Seminars Michael Christopher Herrera, Political Science Sarah Ann Hersh, Writing Seminars** Joshua Aaron Hertel, Biology Cori Michelle Hertz, Psychology Jennifer Lauren Hession, Public Health Studies Scott Zachary Heyman, Public Health Studies Christine Nousheen Hiemstra, Chemistry** Alexandra Charlotte Hill, French** Danielle Saunder Himelfarb, Behavioral Biology Alexandra Danielle Hittman. Psychology Morgan Hall Hitzig, International Studies Jessica Marie Hnatiuk, Biology Erika Lynn Ho, Public Health Studies Sze Yan Janelle Ho, Public Health Studies Anne Lynn Hobson, International Studies Matthew Brett Hochman, Economics** Bernie Gabrielle Hodkin, History Janine Marie Hoerauf, Neuroscience Nancy M. Hoffman, Writing Seminars Abigail Amy Hoglund, Writing Seminars Amanda Kimberly Holder, Public Health Studies Andrew John Holland, Economics Hannah Rose Holliday, International Studies**

Seong-Ho Hong, Economics **

Katelyn Marie Hotaling, Public Health Studies Peter Ross Houlihan, Behavioral Biology Julia M. Howard, Behavioral Biology Laura Jeannette Howard. International Studies Derek Evan Hsu, Neuroscience ** Xueying Hu, Neuroscience Rohan Conder Hughes, Writing Seminars Trevor James Hummel, Philosophy Lauren Michelle Hurwitz, Public Health Studies** Lindsey Zina Hutzler, Public Health Studies David Sanil Hwang, Economics Daye Hwang, Neuroscience Cynthia Eki Idada, Public Health Studies Obi Ihim, Neuroscience Samantha Magarro Iniba, Public Health Studies Sarah I. Islam, Public Health Studies Darya Aleksandrovna Iventicheva, International Studies Alexandra Wang Jabs, French* Cielo Amairani Jaimes, Public Health Studies Laurel Kay Jakubowski, Neuroscience** Chelsea De Vita James, Political Science Ye Ra Jeong, Psychology Nicole Tin-Lok Jiam, Neuroscience** Isaac David Jilbert, International Studies Emily Louise Johnson, English Kristian Philip Johnson, German Chinedu Oluchi Jon-Emefieh, Neuroscience* Emanuel Davie Jones II, Public Health Studies Paul Louis Jones III, Public Health Studies Hannah Reade Joo, Neuroscience** Kelli Marie Jordan, Psychology Veronica Rose Claire Iordan-Davis, Public Health Studies Nia Adimu-Ceja Josiah, Psychology Jeffrey Jou, Chemistry

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Shaunte Marie McKay, Psychology

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Tatsuhiko Naito, Biology

Gyu Won Lee, Biology

^{*}Degree conferred August 26, 2011

^{**}Degree conferred December 30, 2011

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Nina Elizabeth Wheeler, Writing Seminars Daniel Patrick White, International Studies Ian Thomas White, Writing Seminars** Kimberly Anne Wiegand, Writing Seminars* Sandhira Himath Wijayaratne, Public Health Studies Andrew James Wilbur, Public Health Studies Mallory Katherine Willenborg, Behavioral Biology Connor Cronin Williams, Public Health Studies Darcy Erika Wilson, Biology Miles Blocher Wimbrow, Earth and Planetary Sciences Khin Mee Mee Win, Public Health Studies Allison Florence Wise, Public Health Studies Daniel Alexander Witkiewicz, Public Health Studies Katelin Maureen Witzke, Psychology* Laurin Patricia Wolf, Writing Seminars

William Scott Wolfe, Economics

History of Science, Medicine,

Antoinette A. Wowolo,

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Divisional Ceremonies Information

Monday, May 21

The Carey Business School Graduation Ceremony was held Monday at the Joseph Meyerhoff Symphony Hall. Jeffrey R. Immelt, chairman and CEO of General Electric and chairman of President Obama's Council of Jobs and Competitiveness, was the speaker.

Wednesday, May 23

The Bloomberg School of Public Health Convocation Ceremony was held Wednesday afternoon at the Joseph Meyerhoff Symphony Hall. Stephen Lewis, visiting professor at Ryerson University and board chair of the Stephen Lewis Foundation, was the speaker.

The G.W.C. Whiting School of Engineering Graduate Ceremony was held Wednesday evening on Homewood Field. Norman R. Augustine, retired chairman and chief executive officer of Lockheed Martin Corporation, was the speaker.

Thursday, May 24

The School of Medicine Convocation Ceremony is today at 2:30 p.m. at the Joseph Meyerhoff Symphony Hall. Sanjay Gupta, MD, CNN chief medical correspondent, associate chief of Neurosurgery at Grady Memorial Hospital, and assistant professor of neurosurgery at Emory University, is the speaker.

The Paul H. Nitze School of Advanced International Studies Diploma Ceremony is today at 3 p.m. in Constitution Hall, at 18th and D Streets NW, Washington, DC. The Honorable Timothy Geithner, US secretary of the Treasury and a SAIS graduate, is the speaker. A reception at the Nitze School follows the ceremony.

The School of Nursing Diploma and Awards Ceremony is today at 3 p.m. at the France Merrick Performing Arts Center, Hippodrome Theatre in Baltimore. Linda Burnes Bolton, DrPH, RN, FAAN, vice president and chief nursing officer of Cedars-Sinai Health System and Research Institute, is the speaker.

The Peabody Institute Graduation Ceremony is at 7:30 p.m. this evening in the Friedberg Concert Hall at the Institute. Roy Haynes, jazz percussionist, is the speaker.

The School of Education Diploma Ceremony (except EdDs) is at 7:30 p.m. this evening on Homewood Field. Ben Cardin, United States senator for Maryland, is the speaker. A reception in the Ralph S. O'Connor Recreation Center immediately follows the ceremony.

FRIDAY, MAY 25

The Zanvyl Krieger School of Arts and Sciences Master's Degree Ceremony is Friday at 10 a.m. on Homewood Field. Richard Koshalek, director of the Smithsonian's Hirshhorn Museum and Sculpture Garden in Washington, DC, will be the speaker. A reception follows immediately in the Ralph S. O'Connor Recreation Center. Doctoral degree recipients from Arts and Sciences and their guests are also welcome.

The 2012 Commencement ceremony is a Zero Waste event!

All of the items provided today are either compostable or recyclable. Please dispose of your waste in one of the many green and yellow recycle/compost bin stations on the field.





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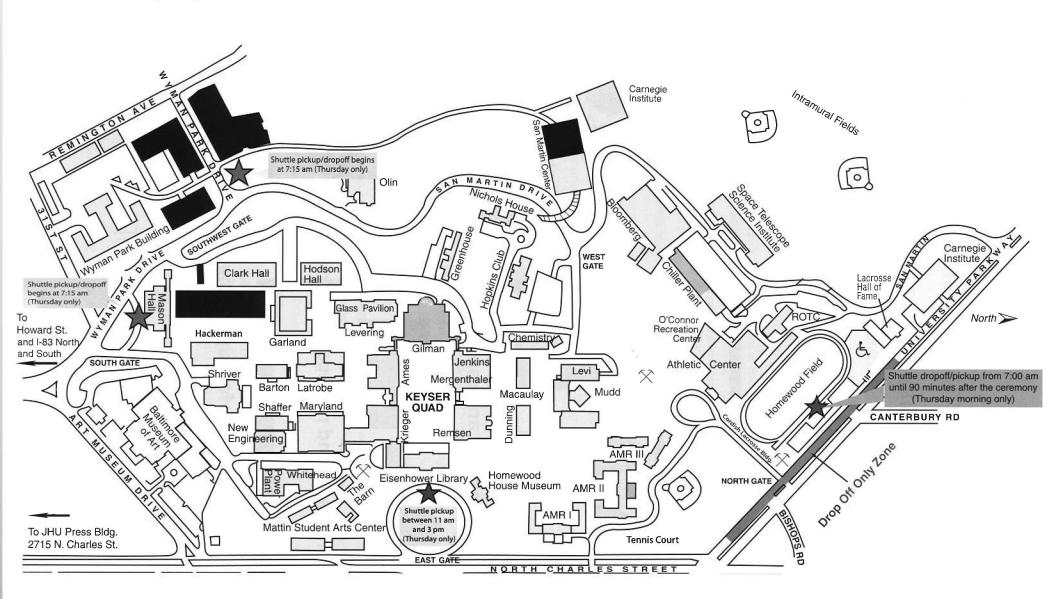
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