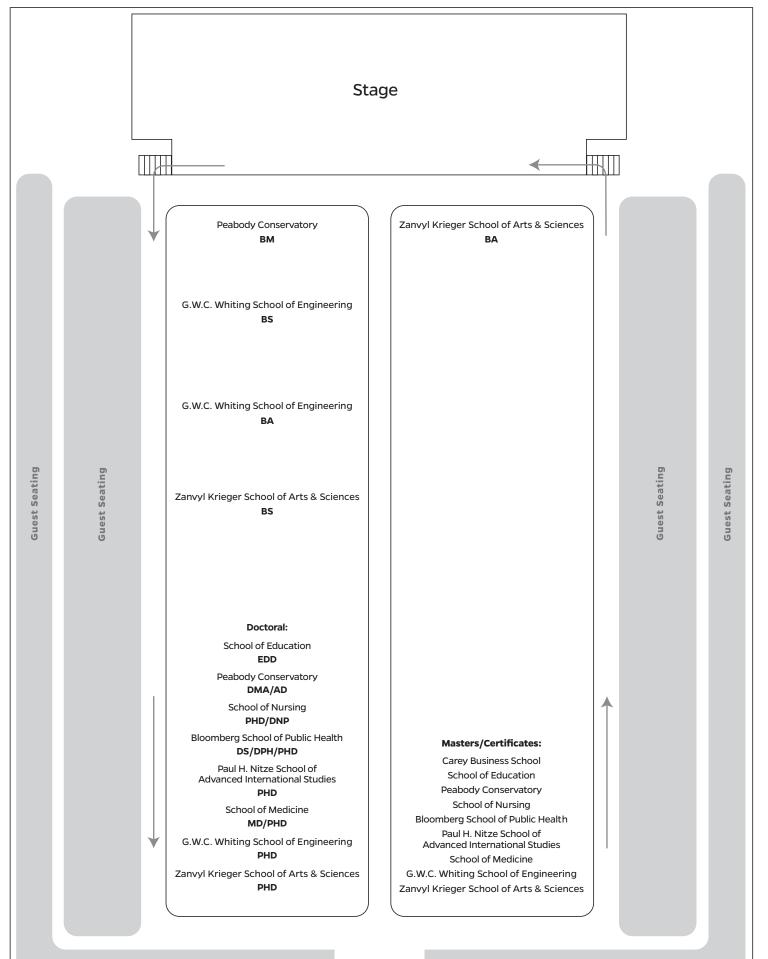
THE JOHNS HOPKINS UNIVERSITY

COMMENCEMENT 2016

Conferring of degrees at the close of the 140th academic year MAY 18, 2016





Entrance

CONTENTS

Order of Candidate Procession	1
Order of Procession	2
Order of Events	3
Conferring of Degrees	4
Johns Hopkins Society of Scholars	7
Honorary Degrees	13
Academic Garb	17
Awards	19
Honor Societies	32
Student Honors	37
Candidates for Degrees	44
Divisional Ceremonies Information	112

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.

Order of Candidate Procession

Bachelors — Peabody Conservatory Bachelors — G.W.C. Whiting School of Engineering Bachelors — Zanvyl Krieger School of Arts and Sciences Doctors of Education — School of Education Doctors of Musical Arts — *Peabody Conservatory* Doctors of Nursing Practice and Doctors of Philosophy — School of Nursing Doctors of Public Health and Doctors of Philosophy — Bloomberg School of Public Health Doctors of Philosophy — Paul H. Nitze School of Advanced International Studies Doctors of Medicine and Doctors of Philosophy - School of Medicine Doctors of Philosophy — G.W.C. Whiting School of Engineering Doctors of Philosophy — Zanvyl Krieger School of Arts and Sciences Masters, Certificates, and Bachelors — Carey Business School Masters, Certificates, and Bachelors — *School of Education* Performance Diplomas and Masters — Peabody Conservatory Masters — School of Nursing Masters — Bloomberg School of Public Health Masters — Paul H. Nitze School of Advanced International Studies Masters and Certificates — *School of Medicine* Masters and Certificates — G.W.C. Whiting School of Engineering Masters and Certificates — Zanvyl Krieger School of Arts and Sciences

Order of Procession

Marshals for the Graduates

Ruth H. Aranow Eric Beatty David Bishai Adriene Breckenridge Kathleen A. Bruffett Tamas Budavari Ling Chen Lori Citti **Tristan Davies Joan DeSimone** Karen Desser Jason Eisner Peter Espenshade Irene C. Ferguson Daniel Ferrara Cristina Finan Deborah Finnell Joan Freedman

Tara M. Fuller An Goffin Jane Greco Eileen Haase Eric Hill **Benjamin Hobbs** Robert Horner Scott E. King Asher Kolieboi Allison Leventhal Lasse Mertins Barbara Morgan Brent S. Mosser Shreesh P. Mysore Kathryn Tifft Oshinnaiye Jerry Prince Laura Protano-Biggs Eugenio Refini Joshua J. Reiter

Jelena Runic Mary Jo Salter Tiffany T. Sanchez Jennifer Quijano Sax Sauleh Siddiqui Joanne Silbert-Flagg Calvin Smith Kay Smith Scott Smith **Barry Solomon** Sarah Szanton Linda Tsantis David Verrier Timothy Weihs Susan F. Weiss Linda M. White Orla Wilson Demere G. Woolway

The Graduates

Marshals for the Faculties Stephen J. Gange and Cheryl Holcomb-McCoy

The Faculties

Marshals for the Principals Ratna G. Sarkar and Philip Tang

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

Readers for Presentation of Degree Candidates

Andrew S. Douglas James L. Fry Linda Gorman Christine T. Kavanagh Cindy L. Parker Edward Scheinerman

Chief Marshal

Robert C. Lieberman 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

> Ronald J. Daniels The President of the University

Order of Events

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 Chaplain

THE NATIONAL ANTHEM OF THE UNITED STATES OF AMERICA Performed by Rebecca Elizabeth Wood, *Peabody '15 (MM), '16 (GPD)*

GREETINGS

Jeffrey H. Aronson Chair of the Board of Trustees

GREETINGS

Jay L. Lenrow President of the Johns Hopkins Alumni Association REMARKS Ronald J. Daniels President of the University

CONFERRING OF HONORARY DEGREES

Chimamanda Ngozi Adichie Richard Axel Susan P. Baker Ellen Moses Heller Shelton Jackson "Spike" Lee Judith Rodin Shale D. Stiller Laurie S. Zabin

REMARKS

Amy Tong Sun President, Class of 2016

COMMENCEMENT CEREMONY ADDRESS

Shelton Jackson "Spike" Lee Film Director, Producer, Writer, and Actor

PRESENTATION OF SENIOR CLASS GIFT

Presented by Taylor L. Alessio and Jennifer Lee Hansen Gift Chairs, Class of 2016

Presented to Ronald J. Daniels, President of the University

Conferring of Degrees on Candidates

Doctors of Education

PRESENTED BY Mariale Hardiman Interim Dean, School of Education

Doctors of Musical Arts

PRESENTED BY Fred Bronstein Dean, Peabody Institute

Doctors of Nursing Practice Doctors of Philosophy

PRESENTED BY Patricia M. Davidson 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 Vali R. Nasr Dean, Paul H. Nitze School of Advanced International Studies

Doctors of Medicine Doctors of Philosophy

PRESENTED BY Paul B. Rothman Frances Watt Baker, MD, and Lenox D. Baker Jr., MD Dean of the Medical Faculty, School of Medicine

Doctors of Philosophy

PRESENTED BY T. E. Schlesinger Benjamin T. Rome Dean G.W.C. Whiting School of Engineering

Doctors of Philosophy

PRESENTED BY Beverly Wendland James B. Knapp Dean Zanvyl Krieger School of Arts and Sciences

Masters of Science Masters of Business Administration Graduate Certificates CAREY BUSINESS SCHOOL

Certificates of Advanced Graduate Study Post-Master's Certificates Masters of Science Masters of Education Masters of Arts in Teaching Graduate Certificates SCHOOL OF EDUCATION

Graduate Performance Diplomas Artist Diploma Masters of Music Masters of Arts PEABODY CONSERVATORY

Conferring of Degrees on Candidates (continued)

Masters of Science in Nursing Masters of Science in Nursing/Masters of Public Health Masters of Science in Nursing/Masters of Business Administration SCHOOL OF NURSING

> Masters of Science Masters of Science in Public Health Masters of Health Science Masters of Health Administration Masters of Public Health Masters of Public Policy 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 Post-Baccalaureate Certificates SCHOOL OF MEDICINE

Post-Master's Advanced Certificates *Masters of Science in Engineering* Masters of Science in Engineering in Bioengineering Innovation and Design Masters of Science in Engineering in Financial Mathematics Masters of Science Masters of Science in Engineering Management Masters of Chemical and Biomolecular Engineering Masters of Civil Engineering Master of Engineering Management Masters of Environmental Engineering Masters of Materials Science and Engineering Masters of Mechanical Engineering Masters of Arts Graduate Certificates Certificates of Advanced Study in Nanobiotechnology G.W.C. WHITING SCHOOL OF ENGINEERING

Post-Master's Certificate in Sequence Analysis and Genomics Masters of Science Masters of Science in Applied Economics Masters of Science in Bioinformatics Masters of Science in Bioscience Regulatory Affairs Masters of Science in Biotechnology Masters of Biotechnology Enterprise and Entrepreneurship Masters of Science in Energy Policy and Climate Masters of Science in Environmental Sciences and Policy Masters of Science in Geographic Information Systems Masters of Science in Government Analytics Masters of Science in Regulatory Science 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 Masters of Arts in Museum Studies Masters of Arts in Public Management Masters of Arts in Science Writing Masters of Arts in Writing Masters of Liberal Arts Masters of Science in Biotechnology/Masters of Business Administration Master of Arts in Communication/Master of Business Administration Masters of Arts in Government/Masters of Business Administration Certificates in National Security Studies Certificates in Biotechnology Enterprise Graduate Certificates in Geographic Information Systems Post-Baccalaureate Certificates in Digital Curation Post-Baccalaureate Certificate in Non-profit Management Post-Baccalaureate Certificates, Premedical Program Post-Baccalaureate Certificates in Government Analytics Post-Baccalaureate Certificates in Intelligence ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

> PRESENTED BY Robert C. Lieberman Provost and Senior Vice President for Academic Affairs

> > Bachelors of Music PRESENTED BY Fred Bronstein Dean, Peabody Institute

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 General Engineering Bachelors of Arts in Applied Mathematics and Statistics Bachelors of Arts in Computer Science

> PRESENTED BY T. E. Schlesinger Benjamin T. Rome Dean G.W.C. Whiting School of Engineering

Bachelors of Science in Molecular and Cellular Biology Bachelors of Science in Neuroscience Bachelors of Science in Physics Bachelor of Arts in Anthropology Bachelor of Arts in Archaeology Bachelor of Arts in Behavioral Biology Bachelor of Arts in Biology Bachelor of Arts Biophysics Bachelor of Arts in Chemistry Bachelor of Arts in Classics Bachelor of Arts in Cognitive Science Bachelor of Arts in Earth and Planetary Sciences Bachelor of Arts in East Asian Studies Bachelor of Arts in Economics Bachelor of Arts in English Bachelor of Arts in Film and Media Studies Bachelor of Arts in Global Environmental Change and Sustainability Bachelor of Arts in History

Bachelor of Arts in History of Art Bachelor of Arts in History of Science, Medicine and Technology Bachelor of Arts in International Studies Bachelor of Arts in Natural Sciences Area Bachelors of Arts in Near Eastern Studies Bachelors of Arts in Physics Bachelors of Arts in Political Science Bachelors of Arts in Political Science Bachelors of Arts in Public Health Studies Bachelors of Arts in Romance Languages Bachelors of Arts in Spanish Bachelors of Arts in Writing Seminars

> PRESENTED BY Beverly Wendland 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 graduates to pick up their diplomas.

Music for today's ceremony is provided by The Archipelago Project, a not-for-profit performance ensemble that brings music education to underserved communities around the world. Archipelago hosts a yearly residency with Baltimore City Public School students that coincides with JHU graduation. The group consists of musicians from the United States, Germany, and Austria, and includes JHU faculty member Daniel Trahey and alumnus Pete Lander. The Archipelago Project is accompanied today by current Peabody Conservatory students Catriona Barr, Brandon Cave, and Christopher Frick, and recent alumnus Eliza Minster. 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 had formative experiences at Johns Hopkins and thereafter gained marked distinction in their respective fields.

Each year, the Society of Scholars Selection Committee elects a limited number of scholars from among the candidates nominated by Johns Hopkins University faculty. Since its inception, 642 individuals have been elected to membership in the society, including 16 members elected in 2016.

At a ceremony on April 11, newly elected members were formally inducted into the Society of Scholars. Faculty members invested the inductees with the Johns Hopkins Society of Scholars medallion and presented them with an official certificate of membership.

The following pages introduce the 2016 Society of Scholars inductees with brief summaries of their remarkable accomplishments.

KATRINA A. ARMSTRONG BOSTON, MASSACHUSETTS

Katrina Armstrong is an internationally recognized investigator in medical decision making, quality of care, and cancer prevention and outcomes. She is the Jackson Professor of Clinical Medicine at Harvard Medical School and chief of the Department of Medicine and physician-in-chief at Massachusetts General Hospital. Previously, she was chief of the Division of General Internal Medicine, associate director of the Abramson Cancer Center, and co-director of the Robert Wood Johnson Clinical Scholars Program at the University of Pennsylvania. Her research interests include personalized approaches to breast cancer risk and cancer prevention, as well as innovation in comprehensive primary care. She has developed a novel strategy for personalized breast cancer screening and communications to improve decision outcomes for high-risk women. She has extended this research to examine more broadly the effect of different communication approaches on cancer prevention, treatment, and survivorship behaviors. Dr. Armstrong received in 1991 an MD from Johns Hopkins, where she completed the Osler Residency Program in internal medicine and served from 1995 to 1996 as chief resident in the Department of Medicine.

HERMAN L. BENNETT NEW YORK, NEW YORK

Herman Bennett is a professor in the PhD Program in History at the Graduate Center, City University of New York, where he is also a faculty member in the certificate programs of Africana Studies, American Studies, and Renaissance Studies. He started his career as an instructor at the University of North Carolina at Chapel Hill before moving in 1993 to Johns Hopkins University for a two-year Mellon Postdoctoral Fellowship, after which he was appointed an assistant professor in the Department of History in the Krieger School of Arts and Sciences. He later served on the faculty of Rutgers University before joining the CUNY faculty in 2009. As a student of the early modern African diaspora, Dr. Bennett focuses on how dispossessed peoples navigate power and stake claims within the structures of dominance. At its core, his work engages the earliest formations of blackness, experiences that he views as inseparable from the historical configuration of the West. He has received numerous scholarly awards, including two National Endowment for the Humanities grants and the American Historical Association's Equity Award.

ALAIN G. BERTONI WINSTON-SALEM, NORTH CAROLINA

Alain Bertoni is a professor and chair of the Department of Epidemiology and Prevention at Wake Forest School of Medicine, where he also has an appointment in the Department of Internal Medicine's section on general medicine. He joined the Wake Forest faculty in 2001 after completing his medical and public health training at Johns Hopkins. He earned an MD from the School of Medicine and an MPH from the Bloomberg School of Public Health in 1995 and 1999, respectively, and completed an internal medicine residency on the Osler Medical Service and additional postdoctoral training in general internal medicine and epidemiology. His research focuses on diabetes, cardiovascular disease, and disparities in health and health care. He is currently a lead investigator of several major research efforts and clinical trials, including the Lifestyle Intervention for Treatment of Diabetes study, the Targeted Analyses of Diabetes and Obesity in the Jackson Heart Study, and the MESA early heart failure study. Dr. Bertoni is also a faculty member of the Maya Angelou Center for Health Equity and the Translational Science Institute's Program in Community Engagement.

JAMES L. BOYER WASHINGTON, D.C.

James Boyer, the Ensign Professor of Medicine and emeritus director of the Liver Center at the Yale School of Medicine, has a broad interest in all aspects of basic and clinical hepatology. His work is supported by a National Institutes of Health MERIT Award and a grant from the National Institute of Diabetes and Digestive and Kidney Diseases. From 1982 to 1996, Dr. Boyer directed a combined digestive disease section in the Department of Medicine at Yale. He was the founding director of the Liver Center and former director of the National Institute of Environmental Health Sciences' Center for Membrane Toxicity Studies at the Mount Desert Island Biological Laboratory in Salsbury Cove, Maine, where he was also chairman of the board of trustees. Dr. Boyer is a former chair of the board of the American Liver Foundation and a current member of the board of managers of Haverford College and several other professional boards. He is a graduate of Haverford College and earned an MD from the Johns Hopkins University School of Medicine in 1962. From 1964 to 1966, he was head of the Liver Research Laboratory of the Johns Hopkins International Center for Medical Research and Training in Calcutta, India.

JANINE AUSTIN CLAYTON WASHINGTON, D.C.

Through her research on ocular surface disease, ophthalmologist Janine Austin Clayton uncovered a novel form of disease associated with premature ovarian insufficiency in young women, setting the stage for her commitment to the exploration of the role of sex and gender in health and disease. Since 2012, Dr. Clayton has served as associate director for research on women's health and director of the Office of Research on Women's Health at the National Institutes of Health. She previously served as deputy clinical director of the National Eye Institute. She is the architect of an NIH initiative requiring researchers to consider sex as a biological variable to ultimately improve the health of both women and men. She is co-chair of the NIH Working Group on Women in Biomedical Careers and leads the NIH's efforts to advance women in science. Dr. Clayton received her undergraduate degree with honors from Johns Hopkins University and completed a fellowship in cornea and external disease at the Johns Hopkins Wilmer Eye Institute.

GARY L. DARMSTADT STANFORD, CALIFORNIA

Gary Darmstadt is associate dean for maternal and child health and a professor of pediatrics in the Division of Neonatal and Developmental Medicine at the Stanford University School of Medicine. Previously he was a senior fellow in the Global Development Program at the Bill & Melinda Gates Foundation, where he developed initiatives to address gender inequalities, empower women and girls, and improve health and development outcomes. At the Gates Foundation, he also served as director of family health, leading program development and implementation across nutrition, family planning, and maternal, newborn, and child health. Dr. Darmstadt also served as a senior research adviser for the Saving Newborn Lives program of Save the Children, where he led the development and implementation of the global research strategy for newborn health and survival. He began his career at Johns Hopkins as a resident in pediatrics and continued through 2008 as an associate professor and founding director of the International Center for Advancing Neonatal Health in the Department of International Health at the Johns Hopkins Bloomberg School of Public Health.

NANCY E. DAVIDSON PITTSBURGH, PENNSYLVANIA

A renowned breast cancer researcher at the University of Pittsburgh, Nancy Davidson is the Hillman Professor of Medicine, director of the university's cancer institute, and associate vice chancellor for cancer research. She holds secondary appointments as a professor of pharmacology and chemical biology and a professor in the Clinical and Translational Science Institute. She published key findings on the role of hormones, particularly estrogen, on gene expression and cell growth in breast cancer, and she led several important national clinical trials of potential new therapies, including chemoendocrine therapy for premenopausal breast cancer, with funding from the National Institutes of Health, Department of Defense, Breast Cancer Research Foundation, and Susan G. Komen for the Cure. She was elected to the Association of American Physicians and the National Academy of Medicine. Dr. Davidson was president of the American Society of Clinical Oncology from 2007 to 2008 and will serve as president of the American Association for Cancer Research from 2016 to 2017. She conducted her residency at Johns Hopkins from 1980 to 1982, and served on the Oncology faculty from 1986 to 2009.

CÉSAR DOPAZO ZARAGOZA, SPAIN

César Dopazo is a renowned figure in the field of fluid dynamics, the study of liquids and gases in motion. His research on turbulence and combustion has been fundamental to improving our ability to predict the fate of pollutant formation and energy efficiency in devices such as internal combustion engines, industrial burners, and gas turbines. Since 1981, Dr. Dopazo has been a professor at the University of Zaragoza in Spain, where he teaches at the graduate and postgraduate levels. He is a founding academician of the Royal Academy of Engineering of Spain and was the founding director of LIFTEC, one of the main combustion research laboratories in Spain. Dr. Dopazo also served as general director of CIEMAT, the Spanish National Laboratory on Energy and Environmental Research. He earned doctoral degrees in mechanical engineering at the State University of New York, Stony Brook, in 1973, and in aeronautical engineering at Madrid Polytechnic University in 1979. From 1974 to 1976, he was a postdoctoral research associate at Johns Hopkins University in what is now the Whiting School of Engineering.

FREDERICK L. FERRIS III BETHESDA, MARYLAND

Epidemiologist and ophthalmologist Frederick Ferris has spent 42 years at the National Eye Institute, where he is currently the clinical director and director of the Division of Epidemiology and Clinical Applications. He earned his board certification in ophthalmology when he completed his Wilmer residency training at Johns Hopkins in 1978. From 1978 to 1982, he had a unique once-a-week, five-year retinal vascular fellowship under Dr. Arnall Patz, who discovered in the 1950s what was then the most common cause of blindness in premature infants. Through a joint appointment with the NEI, he continued his affiliation with Johns Hopkins as an associate professor of ophthalmology until 1995. Among numerous clinical trials during his career, he was project officer of the Diabetic Retinopathy Study, co-chairman of the Early Treatment Diabetic Retinopathy Study, and chairman of the Age-Related Eye Disease Study. Dr. Ferris has published more than 260 articles in peer-reviewed journals and is actively involved in age-related eye disease studies of macular degeneration, diabetic retinopathy clinical research network studies, and multiple intramural clinical studies at NEI.

MAURA L. GILLISON COLUMBUS, OHIO

Maura Gillison is a professor of medicine and holder of the Jeg Coughlin Sr. Chair of Cancer Research at the Ohio State University Comprehensive Cancer Center. Her laboratory established human papillomavirus to be a principal cause of a subset of head and neck cancer and now studies the pathogenesis of this malignancy, from risk factors for oral HPV infection at the population level through the genomics of HPV-positive head and neck cancer and the development of targeted therapeutics. Dr. Gillison received the Clinical Investigator Award from the Damon Runyon Cancer Research Foundation, is a member of the American Society for Clinical Investigation and a fellow of the American Association for the Advancement of Science, and in 2012 received the Richard and Hinda Rosenthal Memorial Award from the American Association for Cancer Research. She has published numerous articles in professional journals and recently received the Albert C. Muse Prize for Excellence in Otolaryngology. At Johns Hopkins, Dr. Gillison earned an MD from the School of Medicine and a PhD from the Bloomberg School of Public Health.

JO ANN HACKETT AUSTIN, TEXAS

Jo Ann Hackett is a professor of Middle Eastern studies and religious studies at the University of Texas at Austin, arriving there in 2009 after 20 years teaching Biblical Hebrew and Northwest Semitic epigraphy at Harvard University. She was among the first scholars to produce nontheological studies of women in the Hebrew Bible, and she continues to do so today. She spent 1996 to 1997 at Christ Church, Oxford, on a Pilkington grant, and half a year in Jerusalem at the Institute for Advanced Studies. In 2013, she and her husband-collaborator, John Huehnergard, received a National Endowment for the Humanities grant to produce an online, open-access update of a century-old dictionary of Biblical Hebrew. In 2006, she received the Everett Mendelsohn award for mentoring graduate students at Harvard, and she was recently honored by her students with a Festschrift celebrating her continued use of new methodologies in the study of ancient texts. Dr. Hackett was a Mellon Postdoctoral Fellow in the Department of Near Eastern Studies at Johns Hopkins University from 1985 to 1986.

KUNG-YEE LIANG TAIPEI, TAIWAN

Since 2010, Kung-Yee Liang has been president of National Yang-Ming University, the first university in Taiwan dedicated to biomedical education and research. He also has an appointment in the School of Medicine's Institute of Public Health. Dr. Liang served as vice president of the National Health Research Institutes in Taiwan from July 2003 to August 2006, including six months as acting president. He was a faculty member in the Department of Biostatistics at the Bloomberg School of Public Health for 28 years, serving as the graduate program director from 1996 to 2003. His research interest has been in developing new statistical methods for analyzing correlated data derived from longitudinal and genetic epidemiological studies and developing statistical theory for inference in the presence of nuisance parameters. Among many awards, he shared two—the Snedecor Award and the Karl Pearson Prize—with colleague Scott Zeger, a professor of biostatistics in the Bloomberg School. Dr. Liang has been elected to the American Statistical Association, the Academia Sinica in Taiwan, the Academy of Sciences for the Developing World, and the National Academy of Medicine.

MAUREEN Y. LICHTVELD NEW ORLEANS, LOUISIANA

Maureen Lichtveld has 35 years of experience in environmental public health and is a professor in the Department of Global Environmental Health Sciences at Tulane University's School of Public Health and Tropical Medicine. She holds the Freeport McMoRan Chair of Environmental Policy and is chair of the department. In 1986, after earning her master's degree in public health from the Bloomberg School of Public Health, Dr. Lichtveld began her 18-year tenure with the Centers for Disease Control and Prevention and its Agency for Toxic Substances and Disease Registry. Dr. Lichtveld was one of the highest-ranking environmental health scientists engaged in national environmental health research and policy at the CDC, where she designed research tools and sciencedriven policies to guide national environmental health studies in communities living near hazardous waste sites nationwide. Dr. Lichtveld's protocols are now part of environmental health programs in all 50 states. Her research integrates environmental health, health disparities, and disasters, with significant bridging expertise in community-based participatory research, women's health, environmental policy, and health systems relevant to disaster preparedness, recovery, and resilience.

HOWARD MARKEL ANN ARBOR, MICHIGAN

Howard Markel is the George E. Wantz Distinguished Professor of the History of Medicine and director of the Center for the History of Medicine at the University of Michigan. He is also a professor of pediatrics, psychiatry, health management and policy, English, and history. Since 2006, Dr. Markel has served as the principal historical consultant on influenza pandemic preparedness for the Centers for Disease Control and Prevention. His research helped inform strategies employed by the World Health Organization, the CDC, the Mexican Ministry of Health, and numerous health departments around the globe during the 2009 influenza pandemic. An acclaimed social and cultural historian of medicine, public health, and epidemics, Dr. Markel is the author of *Quarantine!, When Germs Travel*, and the nationally best-selling *An Anatomy of Addiction*. Among his many honors, Dr. Markel was awarded a Guggenheim Fellowship in 2015. After receiving an MD from the University of Michigan, Dr. Markel completed postdoctoral training in pediatrics at Johns Hopkins and earned a PhD in History of Science, Medicine, and Technology from the School of Medicine in 1994.

VISHNU PADAYACHEE JOHANNESBURG, SOUTH AFRICA

Vishnu Padayachee is a distinguished professor and holds the Derek Schrier and Cecily Cameron Chair in Development Economics in the School of Economic and Business Sciences at the University of the Witwatersrand, Johannesburg. He is also a professor emeritus in the School of Built Environment and Development Studies at the University of KwaZulu-Natal. In 1996, President Nelson Mandela appointed him to the board of directors of the South African Reserve Bank on which he served for nearly 12 years, completing his third term as a nonexecutive director in September 2007. Although trained in Keynesian macroeconomics, his research and graduate teaching fall within the confluence and traditions of political economy, economic history, and development studies. His current research interests include South African monetary history, theory, and policy; the political economy of restructuring South Africa; a historical study of South African capitalism; and an analysis of the origins and evolution of the African National Congress' economic and social policy from 1943 to the present. He was a visiting professor at Johns Hopkins' Paul H. Nitze School of Advanced International Studies in 1986.

LESLIE E. WOLF ATLANTA, GEORGIA

Leslie Wolf is a professor of law and director of the Center for Law, Health and Society at Georgia State University's College of Law. She conducts research in health and public health law and research ethics, and has taught courses on medical liability, human subjects research, public health law, HIV/AIDS and the law, and bioethics. Her research has been funded by the National Institute of Mental Health, the National Cancer Institute, the National Human Genome Research Institute, the Agency for Healthcare Research and Quality, and the Greenwall Foundation. She has served on the Centers for Disease Control and Prevention's Ethics Subcommittee of the Advisory Committee to the Director, and as a peer reviewer for the Department of Defense. Professor Wolf taught at the University of California, San Francisco, where she served on the institutional review board and advisory committee regarding stem cell research. She earned a JD from Harvard Law School in 1991, and in 1996 was selected as one of the first Greenwall Fellows in Bioethics and Health Policy at Johns Hopkins and Georgetown universities. During her postdoctoral fellowship, she earned a master's degree in public health from the Johns Hopkins Bloomberg School of Public Health.

Honorary Degrees

CHIMAMANDA NGOZI ADICHIE

Chimamanda Ngozi Adichie is the leading African writer of her generation. She grew up on the campus of the University of Nigeria, Nsukka, where her father was a professor and her mother was the first female registrar. She entered the university to study medicine and pharmacy but left for the United States at the age of 19 to continue her education along a different path.

Adichie graduated *summa cum laude* from Eastern Connecticut State University with a degree in communication and political science and subsequently received a master's degree in creative writing from Johns Hopkins University. She also holds a Master of Arts degree in African history from Yale University.

Among her many accolades are a Hodder Fellowship at Princeton University for the 2005–2006 academic year and a fellowship at the Radcliffe Institute for Advanced Study at Harvard University for the 2011–2012 academic year. In 2008, Adichie was awarded a coveted MacArthur Fellowship, known as a "genius grant."

Adichie's work is read around the world and has been translated into more than 30 languages. Her first novel, *Purple Hibiscus*, won the Commonwealth Writers' Prize, and her second novel, *Half of a Yellow Sun*, won the Orange Prize for Fiction (now the Baileys Women's Prize for Fiction), which is the world's top prize for female writers. Her novel *Americanah* has received numerous honors, including the 2013 National Book Critics Circle Award. It was also named one of *The New York Times*' 10 Best Books of 2013.

Adichie has been invited to speak at events around the world. Her 2009 TED Talk, "The Danger of a Single Story," is now one of the top 10 most-viewed TED Talks of all time, with over 5 million views. Her 2012 TED Talk, "We Should All Be Feminists," started a worldwide conversation about feminism that grew after it inspired a song by Beyoncé. It was published as a book in 2014.

Adichie leads an annual writers workshop in Nigeria to support aspiring young writers.

A writer who finds inspiration among the simplicities of everyday life, you once referred to yourself as an "unrepentant eavesdropper." Your keen talent as a collector of stories has brought you both a devoted following and critical acclaim.

Through your elegant and engaging explorations of the gravity of war and cultural divides across continents, you have generated far-reaching, positive effects in the publishing industry, creating opportunities for a new wave of African writers, many of them women.

Chimamanda Ngozi Adichie, for always striving to put a human face on life-changing events and class struggles to foster greater understanding, the Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

RICHARD AXEL

When Richard Axel was a child, he did not dream of a career in academia. Brooklyn was his world, and stickball and basketball were his passions.

However, when his elementary school principal insisted that Richard attend a high school for academically gifted boys in Manhattan, it opened a door to another world. It was a decision that would change his life by introducing him to new books, opera, and, eventually, advanced science.

Axel studied literature at Columbia University and medicine at Johns Hopkins University. But it was not until he returned home to New York and joined the laboratory of Sol Spiegelman in Columbia University's Department of Genetics that he found his true calling.

That job gave him important training in scientific thinking and laboratory practices, and provided the springboard for the seminal work that followed. In the 1970s, he and colleagues made significant discoveries about gene expression and function, and were at the forefront of research into recombinant DNA.

Axel's scientific interests led him deeper into the world of neuroscience. In the 1980s, he and his colleague Linda Buck began to understand how the brain deciphers the world of smell—a breakthrough for which the pair was awarded the Nobel Prize in physiology or medicine in 2004.

Today, Axel continues to study the olfactory system and what it can tell us about how the brain works. He is a University Professor and professor of neuroscience, pathology, and biochemistry and molecular biophysics at Columbia, as well as an investigator with the Howard Hughes Medical Institute. He is also a member of the National Academy of Sciences and the Royal Society.

You rose from the streets of Brooklyn to the pinnacle of the academic world, but that is no surprise coming from someone who, as a young man, devoured books at the New York Public Library and scored cheap tickets to the Metropolitan Opera.

Your innate intellectual curiosity led you to neuroscience, a field you transformed with your groundbreaking research into something fundamental to the human experience: our sense of smell.

Richard Axel, for your tireless pursuit of answers to critical scientific questions, for your collaborative spirit across disciplines, and for your innate love of big ideas, whether in science or the arts, the Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

SUSAN P. BAKER

For nearly half a century, Susan Baker has taken on life's worst-case scenarios to spare us from unthinkable tragedies.

Infant car seats, motorcycle helmets, in-home sprinkler systems—all these lifesaving inventions are now common as a result of Baker's unflinchingly asking, "What if?" She made it her mission to study the most common ways we injure ourselves and then advocated for innovations and policies to make us safer.

Baker began her work in injury epidemiology in the late 1960s, while completing her Master of Public Health degree at what is now the Johns Hopkins Bloomberg School of Public Health. At the time, few public health scholars focused on injury prevention, and Baker did much to develop the then nascent field of injury research. She worked in a medical examiner's office to uncover and interpret large troves of data on injury-related deaths, and she focused the public's attention on a wide range of causes, from teenage driving patterns to patients' falls in nursing homes.

Baker has shared her research techniques and findings with students and scholars at the School of Public Health and across the globe. And she has enthusiastically lobbied for a variety of lifesaving tools and devices that have since become widespread, such as air bags in cars and child safety caps on prescription bottles.

The founder of the Johns Hopkins Center for Injury Research and Policy, Baker holds joint appointments in the schools of Medicine and Public Health, where she is a beloved member of the faculty. She is the author of *The Injury Fact Book* and is well-known for the development of the widely used Injury Severity Score, an anatomical scoring system used to assess patients with multiple injuries.

It is no exaggeration to say that your research and advocacy have helped save countless lives, particularly among children and other vulnerable populations. It is a legacy that has made you, in the words of one of your students, the Albert Einstein of injury prevention. Susan Baker, for your accomplishments as a scholar and advocate, for your innovative approach to research and your courageous

pursuit of the public interest, and for your enthusiastic support of colleagues and your fervent desire to share knowledge with your peers and the public at large, the Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

ELLEN MOSES HELLER

Judge Ellen Heller has served her community for more than 40 years in law, judicial administration, and humanitarian programs at home and abroad.

After dropping out of college to marry and start a family, Heller returned to school and graduated with honors from both the Johns Hopkins University and the University of Maryland School of Law. She then served for a decade as an assistant attorney general and became deputy chief of the Educational Affairs Division and principal counsel for the Maryland State Department of Education.

In 1986, she began her tenure with the Baltimore City Circuit Court. She was chosen in 1993 to lead the civil docket, and in 1999, she became the first woman in Maryland to be appointed as the circuit administrative judge, overseeing the entire court. She instituted major reforms to relieve docket backlogs and designed and implemented a court settlement and mediation program. In 2003, Heller created the Felony Drug Initiative, which diverts nonviolent substance abuse offenders to treatment in lieu of incarceration. As a member of the Women Judges Task Force on Women in Prison, she was directly involved with the creation of programs for incarcerated mothers.

Heller's dedication to Baltimore is matched by her commitment to international service. For seven years, she was the president and chair of the 102-year-old American Jewish Joint Distribution Committee, traveling to more than 50 countries to oversee aid projects. Heller recently led a delegation to Serbia that resulted in the passage of model legislation for restitution of property for Holocaust survivors. Judge Heller chaired the Early Childhood Committee of the Henderson-Hopkins School, the first public school in Baltimore City to have a center for the care and education of children from birth to age 5. This center received significant support from the Harry and Jeanette Weinberg Foundation, from which Judge Heller recently concluded her term as a trustee and chair. She has also been an active board member of the Baltimore Community Foundation, the Institute for Christian and Jewish Studies, the Independent Lay Review Board of the Archdiocese of Baltimore, the advisory board of the Johns Hopkins Berman Institute of Bioethics, and the board of visitors of the University of Maryland School of Law. Her many honors include the Maryland Women's Hall of Fame, the Baltimore Jewish Hall of Fame, and the Maryland Law School's Distinguished Graduate Award.

As a judge, you ably managed a daunting caseload and established systems that made one of our most important institutions function more smoothly. In the criminal cases that came before you, you were often forced to confront the darkest aspects of human behavior. Yet you never lost your humanity—in fact, your empathy for your fellow Baltimoreans inspired you to find new ways to serve others, both in your hometown and overseas.

Ellen Heller, for your accomplishments as a judge, a civic leader, and a philanthropist, and for your incisive legal skills and your seemingly bottomless well of compassion for others, the Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

SHELTON JACKSON "SPIKE" LEE

When Spike Lee's feature film *Do the Right Thing* was released in the summer of 1989, it sparked intense debate about the state of race relations in America. Fast forward almost three decades, and Lee remains one of our most provocative filmmakers, a prolific artist who continues to challenge audiences with his explorations of race, class, culture, and gender.

Lee's diverse and eclectic body of work includes feature films, TV series, short films, and documentaries. Among his topics have been jazz (*Mo' Better Blues*), interracial relationships (*Jungle Fever*), Hurricane Katrina (*When the Levees Broke: A Requiem in Four Acts*), and, most recently, gang violence in Chicago (*Chi-Raq*).

As a writer, Lee has a remarkable gift for creating complex, nuanced characters on the page. As a director, he has demonstrated equally remarkable skill in helping actors breathe life into those characters. Over the years, he has fostered the talents of Denzel Washington, Angela Bassett, Wesley Snipes, and Baltimore's own Jada Pinkett Smith, among many others. Through his production company, 40 Acres and a Mule Filmworks, Lee has also supported the careers of young African-American filmmakers seeking to break into the business.

Lee was born in Atlanta and received his bachelor's degree from Morehouse College in 1979. He completed his Master of Fine Arts degree at the Tisch School for the Arts at New York University, where he is currently a professor and artistic director in the Graduate Film Program.

He has been nominated for two Academy Awards and has won a Peabody, an Emmy, and an honorary Oscar for his contributions to filmmaking. He has written numerous books about his films, as well as several children's books with his wife, Tonya Lewis Lee. He is also the founder of the advertising agency Spike DDB.

When you were studying film, people said you should pursue a different career because, at the time, there were few black filmmakers. Fortunately, you did not take that advice. By chasing your dreams, you brought untold stories and diverse voices to the big screen and opened doors that allowed other artists to pursue their dreams as well.

Shelton Lee, for your accomplishments as a director, an actor, and a writer; for your passionate commitment to your craft and your fearless desire to challenge audiences with your art; and for your dedication to fostering the careers of so many others, the Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

JUDITH RODIN

Judith Rodin became president of the Rockefeller Foundation in 2005, six months before Hurricane Katrina hit New Orleans. Under Rodin's leadership, the foundation partnered with the city and its people to build resilience against future threats, while improving social cohesion and jump-starting economic development. In 2012, after Superstorm Sandy, Rodin co-chaired Governor Cuomo's 2100 Commission to help New York State rethink how it builds resilience across social, physical, and economic systems in a time when crisis has become the new normal.

This concept of resilience has been the core of Rodin's leadership for more than a decade at the Rockefeller Foundation, the institution that, in 1916, funded the formation of what is now the Johns Hopkins Bloomberg School of Public Health. The Rockefeller Foundation helps communities and institutions prepare for, withstand, and emerge stronger from disasters—a core focus that has shaped much of Rodin's career as a scholar, academic leader, and leader in philanthropy.

As a psychology professor at Yale University, Rodin developed a deep interest in personal resilience. From her research on the health and happiness of older adults to her studies of women's body image and self-esteem, Rodin has long explored how we respond to life's obstacles.

After serving as dean of the Graduate School and as provost of Yale, in 1994 Rodin became the first woman president in the Ivy League, at the University of Pennsylvania, her alma mater. During her tenure at Penn, she dramatically increased the university's research funding and endowment, as well as its rankings and undergraduate applications. She also became a pioneer in her field by taking her university "out of the ivory tower and into the streets" with an economic revitalization program designed to build the resilience of the West Philadelphia neighborhood surrounding the campus. Rodin's groundbreaking model at Penn is the gold standard looked to by major urban universities, including Johns Hopkins.

Rodin is the author of hundreds of articles and has written or co-written 15 books. She is a member of the American Academy of Arts and Sciences, the American Philosophical Society, and the National Academies of Sciences, Engineering, and Medicine, and has served on several presidential commissions, including President Clinton's Committee of Advisors on Science and Technology and the White House Council for Community Solutions. She was named to *Forbes*' "The World's 100 Most Powerful Women" list three years in a row.

You have made it your mission to help communities pick up the pieces after a disaster strikes. It is a calling that began with your career in academia and continues today on a global scale through your leadership at the Rockefeller Foundation.

Your contributions to the field of psychology are remarkable. You left a rich legacy to the institutions you have served as an academic leader. And as a leader in philanthropy, you are helping to secure the infrastructure that will serve generations to come.

Judith Rodin, for your remarkable vision, for the powerful example you have set for future women leaders, and for your deep desire to help others, the Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

SHALE D. STILLER

Shale Stiller, a Yale Law School graduate, is a partner in the international law firm DLA Piper. During his more than 55-year career, he has successfully led many of Maryland's landmark cases, such as the constitutionality of Maryland's school finance system and, on behalf of the state, the litigation against major miscreants in the savings and loan crisis. More recently, Stiller has been at the forefront of successful litigation against Iran.

But just as important, he has energetically endeavored to improve the law in many ways. Stiller has been an adjunct professor at the University of Maryland Law School for 53 consecutive years. For 45 years, he has been an active member of the prestigious American Law Institute. He is the only Maryland lawyer to have been elected a fellow of both the American College of Tax Counsel and the American College of Trust and Estate Counsel. In 2011, the Baltimore Bar Association named him one of its first Living Legal Legends.

Stiller served as a trustee and officer of Johns Hopkins University and Johns Hopkins Medicine for more than 30 years, and was for many years chairman of four important committees. He has served for many years as president of three of Baltimore's largest charitable foundations: the Harry and Jeanette Weinberg Foundation, the Leonard and Helen R. Stulman Charitable Foundation, and the Charles Crane Family Foundation, and as chairman of the board of the Park School of Baltimore. He has also been a trustee and officer of the American Jewish Committee and the Associated Jewish Charities.

The author of many articles and several books, Stiller is a devotee of the humanities: classical music, the theater, art museums, and history. During the 1970s, as a young attorney with an 80-hour workweek, Stiller enrolled at Johns Hopkins to pursue a Master of Liberal Arts degree, which he earned with honors. His studies led him to discover Dante, Goethe, and Chinese history—interests he still feeds today with voracious reading. Besides the serious accomplishments for which Stiller is known, he is also widely appreciated for his whimsical and irrepressible sense of humor.

Your love for the law is matched only by your passion for serving your community. As an attorney, you have made a lasting imprint on our state's legal landscape and skillfully served innumerable clients over a long and remarkable career. As a civic leader, your dedication can be seen across the city of Baltimore and beyond, particularly in the many projects and initiatives you supported in your role with the Weinberg Foundation.

Shale Stiller, we are delighted that Johns Hopkins was able to contribute to your intellectual pursuits 40 years ago. And in honor of your deep intelligence, tremendous work ethic, and tireless devotion to Baltimore, the Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, honoris causa.

LAURIE S. ZABIN

When Laurie Zabin moved to Baltimore in 1948, she planned to complete a PhD in English literature at Johns Hopkins. Instead, a meeting with the Planned Parenthood Federation of America led her to pursue a very different path. For the next 30 years, she served in board and leadership roles throughout the organization, including a stint as interim director at a Baltimore City Planned Parenthood clinic. Zabin would go on to hold numerous national leadership positions with Planned Parenthood and to help found the Guttmacher Institute to advance reproductive choice.

In 1973, she embarked on a PhD at what is now the Bloomberg School of Public Health. Upon graduation, Zabin took a faculty position, first in the School of Medicine and then in Public Health, and in the decades since has become one of the world's foremost experts on adolescent pregnancy and reproductive rights. She retired as an emeritus professor at the age of 84.

Her research has brought new clarity to the topics of sex education and pregnancy prevention. In the 1980s, her study of 1,700 students in the Baltimore area found that teens were more likely to delay their first sexual experience—and were less likely to get pregnant—if they participated in a comprehensive program offering sex education, counseling, and on-site medical services.

Just as Zabin was considering retirement in 1997, her plans once again changed, this time with an unexpected call from William Gates Sr., who was working with his son and daughter-in-law to create a foundation whose mission aligned precisely with her own goals. With what was then the largest single gift ever made to the university, Zabin became the founding director of the Bill & Melinda Gates Institute for Population and Reproductive Health, making an increasingly international impact by leading efforts in developing nations across the globe.

Zabin has received the Johns Hopkins Heritage Award, which honors alumni for outstanding service to the university; the Carl S. Shultz Award for Lifetime Achievement from the American Public Health Association; and the Founders of Adolescent Health Award from the American Academy of Pediatrics, among other honors.

At a time when society was reluctant to discuss sex education, you took a scholarly approach to guide policy leaders and the public at large, blazing new trails in our understanding of reproductive health and adolescent sexual behavior. You focused on the real-world needs of clinicians here in Baltimore and beyond, a practical approach that has bettered the lives of women and children across the globe.

Laurie Zabin, for your tireless efforts to link academic research with on-the-ground realities, for your fearlessness in pursuing controversial topics, and for your compassion for the people who most benefit from your work, 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 doctoral 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 that granted the degree. If more than one degree is held, the gown and hood of the 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

TRUTH GUIDE OUR UNIVERSITY THE SPIRIT OF JHU

ADAPTATION OF THE JOHNS HOPKINS UNIVERSITY ODE ERIK MEYER PEABODY '02, '04 (MM)

> Truth guide our university, and from all error keep us free. Let knowledge grow from more to more, and may our scholars' spirits soar, Their souls for light forever burn, send forth thy fire, that they may learn; And let their faithful teaching be: the truth alone can make us free. May wisdom be our nobler aim, and learning set our hearts aflame, And let our watchword ever be: the truth for aye shall keep us free!

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

LOUIS SUDLER PRIZE IN THE ARTS For excellence in the creative arts. Awarded to *Florence Ma, Krieger School of*

Arts and Sciences

PRESIDENT'S COMMENDATION FOR ACHIEVEMENT IN THE ARTS

For service to the arts. Awarded to Eric Ha Chen, Krieger School of Arts and Sciences Polly Charlene Ma, Whiting School of Engineering

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 *Leslie Denise Peralta*

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. Awarded to *Taylor L. Alessio Demy Alfonso*

THE BELLE AND HERMAN

HAMMERMAN AWARD Established by Belle G. Hammerman in honor of her son, Judge Robert I. H. Hammerman, Class of 1950, this award is presented annually to the senior entering law school who combines academic excellence with outstanding qualities of leadership. Awarded to *Sari A. Amiel*

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 strength, leadership abilities, and strong moral character of Chris Pinto, a member of the Class of 1984. Awarded to *Erica Taicz*

THE DEAN OF STUDENT LIFE

ACHIEVEMENT AWARD The Dean of Student Life Achievement Award, which was established in 2003, recognizes Hopkins undergraduate students who have made significant contributions to the Hopkins community. The award recognizes students who have taken strides to make a difference at Hopkins through a sustained effort of outstanding leadership and service to Hopkins and/or the surrounding community. Awarded to Danielle Adelle Brown Katie Clark Ariana M. Cruz Diamond Khadejah Hale Polly Charlene Ma Neil Everett Ren Monica Sherrard Rex

DAVID G. SANDBERG AWARD

FOR CAMPUS LEADERSHIP The David G. Sandberg Award for Campus Leadership was established in 1991 in honor of David G. Sandberg, a member of the Class of 1972. It is presented annually to an outstanding junior who has demonstrated dedication to a variety of co-curricular organizations and activities. Awarded to *Clay X. Zou*

Homewood Arts Programs 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, Visual Arts, Music, or Theater. Awarded to Reina Arakawa, Music Michelle Brown, Dance Eric Chen, Visual Arts Anna Davis, Theater Andrew Dykman, Theater Marni Epstein, Theater (Aerial Circus) Tatiana Nya Ford, Theater

Isha Kachwala, Dance

Minhi Kang, Music

Polly Ma, Dance Quinn McFee, Visual Arts Surekha Mullangi, Dance & Music Utkarsh Rajawat, Theater Arushi Tripathy, Dance Alvina Yau, Visual Arts Ryan Zaybekian, Theater

THE EUGENE LEAKE AWARD

For outstanding achievement in the Center for Visual Arts. Awarded to Florence Yuyao Ma Rahul Kamal Sharma Beatriz Noemi Williams Mary Mei-kwang Yen

Fraternity and Sorority Life Awards

FRATERNITY AND SORORITY LIFE WOMAN OF THE YEAR Awarded to Amanda Lourenco

FRATERNITY AND SORORITY LIFE MAN OF THE YEAR Awarded to Jason Plush

FRATERNITY AND SORORITY LIFE SENIOR LEADERSHIP & CAMPUS ACTIVITIES AWARD

Awarded to Elizabeth Sylvester, Kappa Alpha Theta Saman Baban, Sigma Chi

FRATERNITY AND SORORITY LIFE SENIOR ACADEMIC EXCELLENCE AWARD

Awarded to Cecilia Freeman, Pi Beta Phi Roberto Ramirez, Sigma Chi

ADVISER OF THE YEAR

Awarded to *Melissa Perez, Pi Beta Phi*

Awards —

MALE PRESIDENT OF THE YEAR Awarded to *Thomas Fiorelli, Phi Kappa Psi*

FEMALE PRESIDENT OF THE YEAR

Awarded to Danielle Brown, Alpha Kappa Alpha

Athletic Awards

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 *Katie Clark*

THE CATHERINE P. CRAMER AWARD

Presented annually to the female student who has contributed most to athletics at the university. Awarded to *Hannah Oneda*

THE LARRY GOLDFARB AWARD

Presented to a senior for outstanding service to the Hopkins athletic program. Awarded to *Remi Ricciuti*

THE HOWARD-SHRIVER

Presented to the senior who has demonstrated outstanding achievement in both academics and athletics while at the Johns Hopkins University. Awarded to *Glenn Balbus*

THE C. GARDNER MALLONEE AWARD

Presented annually to the male student who has contributed most to athletics at the university. Awarded to *Ryan Brown*

THE ROBERT H. SCOTT AWARD

Presented to the senior who has demonstrated excellence in athletics, scholarship, and extracurricular participation. Awarded to *Katie Clark*

Center for Social Concern Awards

THE URBAN HEALTH AWARD

A recognition of a group and/or individual for extraordinary service in the field of urban health in either clinical or nonclinical settings. Awarded to *Nemo Keller*

THE UNSUNG HERO AWARD

A distinction for individuals whose quiet dedication and determination has had significant impact. Awarded to *Kim Koon*

THE BALTIMORE AWARD

An award for outstanding, significant, and long-lasting contributions to the city of Baltimore and its citizens. Awarded to *Asako Inagawa*

THE COMMUNITY ENGAGED STUDENT SCHOLAR AWARD

Awarded to a Homewoodaffiliated graduate student whose dedication to community engagement through volunteerism, teaching, community-based program development, and/ or research has established authentic community partnerships. Awarded to *Amy Krauss*

Student Leadership and Involvement

THE OUTSTANDING STUDENT OFFICER

A recognition of a student organization executive board member or officer who has led their organization effectively and efficiently, thus raising the bar for all student organizations. Awarded to *Raidizon Mercedes*

THE BLUE JAY PRIDE AWARD

An award given to an individual who has made significant contributions to campus programming and, therefore, enhanced the lives of those within and beyond the Hopkins community. Awarded to *Robert Ticzon*

THE UNSUNG HERO AWARD

A designation given to an individual who has significantly contributed to their organization or the campus community as a whole but who has not necessarily been elected to a formal leadership position or told "thank you" enough for all they do. Awarded to *Brett Brodsky*

Office of Multicultural Affairs Awards

THE EXEMPLARY LEADERSHIP AWARD A recognition of a student who demonstrates commitment to the JHU community and contributes positively to the personal enrichment and leadership of others. Awarded to *Nirali Chauhan*

THE CHESTER WICKWIRE DIVERSITY AWARD

A distinction for an undergraduate student who promotes multicultural understanding and harmony on the Homewood campus. Awarded to *Alexander Sharata*

THE OMA LEGACY AWARD

A recognition from the director of the Office of Multicultural Affairs for a student who has given selflessly to support the vision of the office and lives by a belief that "people working together can accomplish anything." Awarded to David Cui Diamond Hale

THE GREATER BALTIMORE COMMUNITY SERVICE AWARD

An award recognizing a multicultural student who has demonstrated commitment to the Johns Hopkins University and broader Baltimore communities through leading, volunteering, or contributing to a service organization. Awarded to *April Lugo*

THE OWENS-HALL-BILGRAVE AWARD

Named after three former African-American administrators who were strong advocates for the full participation of students of color in campus leadership, this award recognizes a student whose commitment to diversity has been demonstrated through ongoing mentoring and support of students of color. Awarded to *Kemi Oguntona*

Teaching Awards

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 based on a review of recommendations from students and faculty. Awarded to Richard Brown, Faculty Dan Ginsberg, Teaching Assistant Apurv Nakade, Teaching Assistant Jiuyi Zhu, Faculty

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

AMERICAN SOCIETY OF MECHANICAL ENGINEERS AWARD

For outstanding effort and accomplishment on behalf of the JHU ASME student chapter. Awarded to *Sydrake Abdi Valeria Vasconecellos*

APPLIED MATHEMATICS AND STATISTICS ACHIEVEMENT AWARD Awarded to *Jie Bao Kenneth Co Ivan Kuznetsov Nathan Lee Emily Su*

EVANGELIA DAVOS PRIZE Awarded annually to the classics major or minor whose work in Greek studies has been outstanding. Awarded to Jesica Arielle Dawson (2015) Sophia-pia Zombanakis (2016)

ROBERTO R. ARELLANO AWARD For excellence in writing by a Writing Seminars undergraduate. Awarded to *Emily H. Yang*

THE DANIELLE ALYSE BASFORD PRIZE IN SCIENCE FICTION AND FANTASY WRITING

To honor the late Danielle Basford, a Writing Seminars 2012 graduate, for a work, in prose or poetry, of a fantasy or science-fictional nature. Awarded to *Lydia Jane Youngman*

JAMES F. BELL AWARD

For outstanding undergraduate research and scholarly achievement in Mechanical Engineering. Awarded to *Michael Howland Dmitriy Kats*

DAVID T. YUE MEMORIAL AWARD

This award is dedicated to the memory of David T. Yue, MD-PhD class of 1987, a joyful teacher, inspiring mentor, worldrenowned scientist, and beloved colleague in the Department of Biomedical Engineering. The award recognizes outstanding teaching or mentoring by an undergraduate teaching assistant or laboratory manager. Awarded to Erin V. Boulger Seung Y. Jung Arianne E. Papa BaDoi N. Phan Emily M. Rencsok Daniel J. Shinn

DETLEV W. BRONK AWARD

This award is presented to graduating seniors who have demonstrated outstanding scholarship in Biophysics. Awarded to Quenton Rashawn Bubb Mina Farag William Harrison Shuman Helen Zhao Cyrus Zhou

LUCIEN BRUSH AWARD FOR EXCELLENCE IN ENVIRONMENTAL ENGINEERING

For outstanding academic achievement in Environmental Engineering by a graduating senior. Awarded to *Meredith Lipp Sang Woo Park Yong Kai Saw*

THE CHAFFEE WRITING PRIZE

Recognizing the performance and promise of one or more Writing Seminars undergraduates. Awarded to *Grace E. Alvino*

CIVIL ENGINEERING ACHIEVEMENT AWARD

For outstanding achievement by a senior in the Department of Civil Engineering. Awarded to *Kenneth DeStefano Vittorio Prati Joshua Weirich*

CIVIL ENGINEERING FACULTY RECOGNITION AWARD

For academic excellence and community leadership by a student in Civil Engineering. Awarded to *Gwen Martin*

THE EXCELLENCE IN COGNITIVE SCIENCE AWARD

Awarded annually to a graduating cognitive science major for academic excellence and outstanding accomplishment in research. Awarded to *Chloe Haviland*

JAMES S. COLEMAN AWARD

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

COMPUTER SCIENCE CS+X AWARD

To a senior computer science major for outstanding achievement in combining diverse studies with computer science.

Awarded to Benjamin Rosser Linda Xu

COMPUTER SCIENCE OUTSTANDING COURSE ASSISTANT AWARD

To a student for outstanding effort and skill in assisting with the teaching of courses. Awarded to *Kirk Dorian Trombley*

COMPUTER SCIENCE OUTSTANDING SENIOR AWARD

To a senior computer science major for academic excellence, leadership, and service in the Department of Computer Science. Awarded to *Michael Thomas Shavit Mozhi Zhang*

COMPUTER SCIENCE SPECIAL SERVICE AWARD

To a student who has done outstanding work to benefit the Computer Science Department, JHU, and the community. Awarded to Daniel Shore Swann

THE CREEL FAMILY TEACHING ASSISTANT AWARD Recognizes the best teaching assistant(s) in Mechanical Engineering. Awarded to David Gorman Michael Howland Alexander Schlink

THE STEPHEN DIXON LITERARY PRIZE

A yearly literary prize will be given in the name of our distinguished colleague Stephen Dixon and awarded to a graduating senior whose work has demonstrated distinctive stylistic flair in keeping with the high mark established by Professor Dixon's stories and novels. Awarded to Naré Navasardyan

DOGEE FACULTY AWARD

Given to a senior for outstanding service and academic achievement in the Department of Geography and Environmental Engineering. Awarded to *Celine Sze Mary Kate Wallace Dean Yacar*

SARAH K. DOSHNA UNDERGRADUATE RESEARCH AWARD

This award is given for demonstrated contributions to research in Chemical and Biomolecular Engineering. The award is named in memory of former undergraduate student Sarah K. Doshna. Awarded to Jake Bieber Kevin Chen Joseph Federico Jin Mo Koo Nicholas Kruyer Sidhartha Parhi Fatima Umanzor Songnan Wang

TROUILLOT ESSAY AWARD

Established in the memory of Michel-Rolph Trouillot (1949–2012), a leading anthropologist of the Caribbean who received his PhD from Johns Hopkins University in 1985. Awarded to *Nadya Kronis*

ENGLISH SENIOR ESSAY AWARD

Awarded each year for the best essay by a senior English major. Awarded to *Grace Alvino*

ROBERT GEORGE GERSTMYER AWARD

For outstanding undergraduate achievement in Mechanical Engineering. Awarded to David Gorman Devin Holladay Patrick Reilly

THE CPT. JONATHAN D. GRASSBAUGH MEMORIAL SCHOLARSHIP

Established in 2008, in memory of Jon Grassbaugh, a member of the class of 2003 and a graduate of the Army ROTC program. On April 7, 2007, Jon was killed by a roadside bomb in Zaganiyah, Iraq, during his second deployment with the 82nd Airborne Division. This award is presented annually to a junior or senior who displays the same academic excellence, athletic prowess, and demonstrated selfless service that Jon embodied every day of his short life. Awarded to Christian W. Ostrowski

ARONHALT MEMORIAL AWARD

The First Lieutenant Charles E. Aronhalt Jr. Memorial Award was established in 2013 in memory of Chuck Aronhalt, a 1964 graduate of the Johns Hopkins Army ROTC program. On May 18, 1967, at Pleiku, The Republic of Vietnam, Chuck was killed in action while fighting to save the lives of the soldiers of his platoon. For his heroic actions in combat, he was awarded the Distinguished Service Cross posthumously. The Aronhalt Memorial Award is presented annually to a junior or senior who displays the same athletic prowess, selfless service, and heart that Chuck embodied on the lacrosse and football fields of Johns Hopkins and on the battlefield. Awarded to Elizabeth A. Boyer

G. STANLEY HALL PRIZE For outstanding achievement by an undergraduate in Psychology. Awarded to Joseph Huntley

H. KEFFER HARTLINE AWARD

This award is presented to a graduating biophysics major who has demonstrated excellence in undergraduate research. Awarded to Shawn Michael Costello

JACOB H. HOLLANDER PRIZE

For excellence in writing by a Writing Seminars undergraduate. Awarded to Zachary Stuart Schlosberg

THE THREE ARTS CLUB OF HOMELAND AWARD

For excellence in writing by a Writing Seminars undergraduate. Awarded to *Casey Jo Peta*

RICHARD J. JOHNS AWARD

For outstanding academic achievement in Biomedical Engineering. Awarded to Daniel A. Adler Erin V. Boulger Conan Chen Howard W. Huang Chachrit Khunsriraksakul Ivan A. Kuznetsov Seung Wook Lee Ran Liu Rohil Malpani Taariq K. Mohammed Michael Y.K. Mow Emily M. Rencsok Neil E. Rens Monica S. Rex Joanne Song Emily Y. Su

Matthew R. Walmer Kaiyuan Wang Yuan Hao Wong Kevin Z. Xin Yu Xu Jennifer J. Zheng

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AICHE) AWARD FOR SCHOLASTIC ACHIEVEMENT

Presented to the Chemical and Biomolecular Engineering students with the highest scholastic standing after the sophomore year. This award is given to students with junior standing. Awarded to *Xinyi Chen David Chung Brendan Dang Siswo Hartoyo Brian Ryu*

PAUL A.C. COOK AWARD

For outstanding sophomores or juniors in Chemical and Biomolecular Engineering who are best all-around students. Awarded to Andrew Gu Milena Nino Sanjana Prasad

LOY WILKINSON AWARD

For a demonstrated record of academic excellence, leadership, and service in Chemical and Biomolecular Engineering. Awarded to *Siswo Hartoyo Milonee Mehta Madeline Mueller Kelly Seeger*

SPECIAL SERVICE AWARD

Presented to a nonmajor student who made outstanding contributions to the Department of Chemical and Biomolecular Engineering. Awarded to *Maxwell Y. Lee*

JOSEPH L. KATZ AWARD

Presented to Chemical and Biomolecular Engineering seniors for academic excellence in the Chemical and Biomolecular Engineering Senior Lab course. Awarded to *Chris Argento Tiffani Chance Josh DiGiacomo Max Matsuda Pranay Tyle Zixian "Cindy" Xun*

FRANCIS J. FISHER RESEARCH AWARD

For an undergraduate student who is excelling academically and who is involved in a research program related to cancer. Awarded to *Julia Ju Victor Tang*

GENENTECH PROCESS RESEARCH AND DEVELOPMENT OUTSTANDING STUDENT AWARD

Presented to an outstanding student in disciplines related to the needs of the biotechnology industry. Awarded to *Bryan Ryu*

ELENORA STREB MULY AWARD

Presented to undergraduate students in Chemical Engineering who are conducting independent study or independent research on practical problems identified by engineers working in the chemical industry. Awarded to Doug Ceci Eric (Yi Wai) Li Seung Oh Jiayao Wu

RACHEL REICHNER MEMORIAL AWARD

This award is dedicated to the memory of Rachel Reichner, Class of 2016, who was an outstanding Chemical and **Biomolecular Engineering** student. Rachel possessed a unique joie de vivre and showed inspiring dedication to her studies in the face of adversity. The award is granted to an outstanding junior who shares Rachel's great enthusiasm for engineering, dedication to academic excellence, and community spirit. Awarded to Songnan Wang

DONALD E. KERR MEMORIAL AWARD

To the outstanding undergraduate major in Physics and Astronomy. Awarded to Joseph Cleary

ARTHUR KOUGELL MEMORIAL PRIZE

For the undergraduate honors thesis that best represents Arthur Kougell's commitment to scholarly and human values. Awarded to *Anna Davis*

Awards —

DANNY LEE AWARD

For outstanding undergraduate research in biomedical sciences. Awarded to James Lewis Shepherdson

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 Kathrun Fusika Clark

Kathryn Evalyn Clark

MATERIALS SCIENCE AND ENGINEERING ACHIEVEMENT AWARD

For outstanding academic achievement by a graduating senior in Materials Science and Engineering. Awarded to *Brittany Tsou*

WILLIAM D. MCELROY AWARD

For meritorious research conducted by an undergraduate in the biological sciences. Awarded to *Cyrus Zhou*

CHARLES A. MILLER AWARD

Awarded by the Mechanical Engineering Department for outstanding undergraduate achievement. Awarded to *Glen Balbus*

MICHAEL J. MUUSS

RESEARCH AWARD This award, established by the Computer Science Department in 2000 in memory of alumnus Michael J. Muuss '79, is given annually to a student who has demonstrated the best application of research to practice. Awarded to *Jose Ulises Niño Rivera*

DAVID S. OLTON AWARD

Given annually to support undergraduate research in the area of the biology of behavior, broadly defined. Awarded to Daniel Ju

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 *Yitzhak Snow*

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 *Alexander J. Tzomides*

MOST DISTINGUISHED THESIS IN PUBLIC HEALTH STUDIES Awarded to Jennifer L. Hansen

OUTSTANDING SENIOR AWARD IN PUBLIC HEALTH STUDIES

For academic excellence, leadership, and service in public health. Awarded to *Jennifer Lee Kylie Liu Angela Roller*

THE CURT P. RICHTER AWARD IN BEHAVIORAL BIOLOGY RESEARCH

In recognition of outstanding achievement in the David S. Olton Behavioral Biology Program. Awarded to Shannon Parker

DR. BENJAMIN T. SANKEY FELLOWSHIP

A yearly award established in memory of Benjamin Sankey, a graduate of our program, that recognizes superior performance in the graduate MFA program of The Writing Seminars. Awarded to *Christopher Jackson Childers Benjamin L. Eisman*

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 *Arman Mohsen Nia Travis Schmauss*

ROBERT H. SCANLAN AWARD

For a student who demonstrates an interest and ability to link engineering research to engineering practice. Awarded to *Mark Strapko*

GERARD H. SCHLIMM AWARD

For exceptional accomplishment by a student in Civil Engineering. Awarded to Samantha Wright

WILLIAM N. SHARPE AWARD FOR MECHANICAL ENGINEERING STUDENT INVOLVEMENT

Recognizes significant leadership and achievement in extracurricular activities among Mechanical Engineering students. Awarded to *Glen Balbus Kiana Duncan Colin Egan*

SIEBEL FOUNDATION PRIZE

Awarded to a student in Bioengineering who displays excellence in academics, research, and leadership. Awarded to *Hao Dang Shadi Toghi Eshghi David J. Herzfeld Dong Jin Shin*

JULIAN C. STANLEY AWARD

For the undergraduate psychology major who most closely approximates Dr. Stanley's personal and professional standards of excellence. Awarded to *Kelly Sharer*

STANTON FORGIONE PRIZE

Named in memory of Phoebe B. Stanton (faculty, 1954-1982) and Nancy E. Forgione (BA 1974, PhD 1992) for outstanding achievement by an undergraduate in History of Art. Awarded to *Silin Chen*

J.J. SYLVESTER AWARD

For outstanding achievement by a senior in Mathematics. Awarded to *Kenneth Co Junyi Li*

WILLIAM KELSO MORRILL AWARD

For a graduating senior in Mathematics who exemplifies the qualities set forth by William Kelso Morrill, for excellence in teaching mathematics. Awarded to *Kalina Mincheva*

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. Awarded to

Rowan P. Cade (2013) Brian Y. Gu (2013) Angelica J. Herrera (2013) Alwin H. Hui (2016) Yechan Kang (2016) Barbara H. Kim (2013) Melissa W. Lin (2015) Kevin B. Moon (2013) Kunal P. Patel (2015) Emily M. Rencsok (2013) Monica S. Rex (2016) Huilei Wang (2015)

THE SEVERN TEACKLE WALLACE MEMORIAL PRIZE

Awarded for an essay or other original work on Spanish or Latin American literature, literary history, culture, or art. Awarded to

William Hogan Scola

THE WOLMAN AWARD

Given annually to a graduating senior who exhibits both promise and spirit in regard to interdisciplinary work. The award was established in memory of M. Gordon "Reds" Wolman, a faculty member in the department who contributed to the academic growth of the university through service as a department chair and interim provost and through strong advocacy of interdisciplinary studies. He was a beloved member of the Johns Hopkins University for more than half a century. Awarded to Carrie Mok Iames Pritchard Mengli Shi

The Carey Business School

DEAN'S AWARD FOR EXCELLENCE

The Dean's Award is presented to an undergraduate for the highest grade point average in the Bachelor of Business Administration program. Awarded to *Juniko Widjaja*

THE EDWARD J. STEGMAN, CPA, MEMORIAL AWARD

The Edward J. Stegman, CPA, Memorial Award for Excellence in Business Scholarship is named in memory of Edward J. Stegman, founder of Stegman & Company, who taught Business Economics and Accounting at Johns Hopkins University from 1928 until 1945. Since 1975, over 430 high-achieving graduating students have earned this prestigious award. The award is currently presented to graduating students with the highest GPA in the full-time MBA program, the full-time MS programs, and the parttime graduate programs. Awarded to

Brent Christian Schneider, Master of Business Administration, Full-time Jiatao Liu, Master of Science, Full-time Jonathan Wesley Speert,

Master of Business Administration, Part-time

The School of Education

ALAN THORMEYER AWARD

Presented to a Master of Arts in Teaching student in the Department of Teacher Preparation who exemplifies the spirit and dedication of the award's namesake. Awarded to Peace C. Madueme

DIANE TOBIN MEMORIAL AWARD

Awarded annually to an outstanding alumna/us in education and to an outstanding student.

Awarded to

Rebecca Helmle Penniman, MAT, May 18, 2016 Thelma Nicole Tucker-Smith, Graduate Certificate in School Administration and Supervision, May 26, 2005

The School of Medicine

AMERICAN ACADEMY OF NEUROLOGY PRIZE FOR EXCELLENCE IN NEUROLOGY

This prize is awarded by the American Academy of Neurology annually to a graduating medical student who exemplifies outstanding scientific achievement and clinical acumen in neurology or neuroscience and outstanding personal qualities of integrity, compassion, and leadership. Awarded to *Jeremy Adam Tanner*

THE HARVEY CUSHING MEDICAL STUDENT HUNTERIAN RESEARCH AWARD

This award is presented by the Department of Neurosurgery to a medical student who has demonstrated aptitude, dedication, and achievement in neurosurgical research and who shows promise for a career in neurosurgery. Awarded to *Jennifer E. Kim*, 2014–2015 Mira Ashok Patel, 2014–2015 Varun Puvanesarajah, 2013-2014 Eric Weston Sankey, 2014–2015 Joanna Yi Wang, 2014–2015

Awards —

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. Awarded to *Ha Nam Nguyen, 2014–2015*

Han Chin Wang, 2015–2016

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

Zachary Allen Cordner

EMILY SIMMS HALLER PRIZE

The Emily Simms Haller Prize in Obstetrics was established in 1993 to honor outstanding medical students for their work in obstetrics. Dr. Haller used the Hopkins Hospital Clinics and Labor and Delivery Suite as a site for regular medical student education. Dr. Haller is beloved by decades of students for her teaching and is recognized for her clinical excellence. She is a wife and mother of Hopkins' physicians. The prize was created by colleagues, friends, and family. Awarded to Megan Sue Orlando

WILLIAM STEWART HALSTED AWARD IN SURGERY

This award, established in honor of Dr. Halsted, the first professor and director of the Department of Surgery, recognizes that graduating student entering the field of surgery whose proficiency in the discipline is deemed outstanding by the faculty of the Sections of Surgical Sciences. Awarded to *Katherine Ann Giuliano*

HELEN AND HAROLD HARRISON AWARD

The Harrison Award recognizes the remarkable achievements of Drs. Helen and Harold Harrison. The award was established by Dr. Harold Harrison's house officers and colleagues during his many years as chief of Pediatrics at the Baltimore City Hospitals. This award recognizes outstanding proficiency in pediatrics. Awarded to Bryn Marie Carroll Katharine Rose Press

WARFIELD T. LONGCOPE PRIZE IN CLINICAL MEDICINE

The award established in honor of Dr. Longcope, director of the Department of Medicine from 1922 to 1946, recognizes that graduating student entering the field of medicine whose performance in clinical medicine exemplifies in outstanding fashion the academic excellence and the human qualities that mark the true physician. Awarded to *Kevin Shenderov*

PETER C. MALONEY AWARD

The Dr. Peter C. Maloney Graduate Student Award recognizes the outstanding achievement of a graduating doctoral degree candidate in the basic sciences and provides an unrestricted grant to help PhD graduates initiate their academic career. The award is named in memory of Dr. Peter C. Maloney, a beloved faculty member in Physiology and the associate dean for graduate students at the Johns Hopkins School of Medicine. Awarded to Gregory Michael Laird

THE EXCELLENCE IN MEDICAL STUDENT RESEARCH AWARD

This award is given annually to students whose efforts in basic biomedical, clinical, or public health research are noteworthy and found deserving of special recognition. Awarded to *Kevin James Contrera*, 2012–2013 Joseph Jeffrey Klembczyk, 2012–2013 Rhianon Liu, 2012–2013 Tyler Edward Mains, 2012–2013

THE FRANK H. NETTER, MD MEMORIAL SCHOLARSHIP IN MEDICAL ART

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

THE NOVEY PRIZE IN PSYCHOLOGICAL MEDICINE

This prize recognizes that graduating student with an outstanding academic record in Psychiatry who has written the best paper on the connection between medical illnesses and mental life. Awarded to

Brent Clifford Pottenger

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 *Qing Ma*, 2014–2015

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

Karl Olof Lagerlöf, 2014–2015

THE STEPHEN J. RYAN, MD PRIZE IN OPHTHALMOLOGY

Stephen J. Ryan, a graduate of the Johns Hopkins University School of Medicine, Class of 1965, established this prize in honor of his dedication to medical excellence and his affiliation with the Johns Hopkins School of Medicine and the Wilmer Eye Institute. This prize is awarded to a graduating Johns Hopkins medical student with an outstanding academic record who is entering the field of ophthalmology. Awarded to Yu Tung Wang

SYLVAN SHANE PRIZE IN ANESTHESIOLOGY AND CRITICAL CARE MEDICINE This prize, established by Dr. Sylvan Shane, a former member of the faculty in Anesthesiology and Critical Care Medicine, recognizes an outstanding medical student making a career choice in anesthesiology. Awarded to Angela M. Zeng

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 Jefferson James Doyle, 2010–2011 Wing Sze Wendy Yue, 2015–2016

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. Awarded to Joseph Lewis Bedont, 2014–2015

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 Gregory Michael Laird, 2014-2015

THE MARTIN AND CAROL MACHT RESEARCH AWARD

The Martin and Carol Macht Research Award is given 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

Eliah Ruth Shamir, 2013–2014 Yulian Zhou, 2014–2015

SOCIETY FOR ACADEMIC EMERGENCY MEDICINE AWARD

This award recognizes a senior medical student who has demonstrated excellence in the specialty of emergency medicine.

Awarded to Ruben Danilo Troncoso Jr.

DAVID TUCKCHOW YUE AWARD

David Tuckchow Yue, a Johns Hopkins MD, PhD graduate, was an inspirational mentor to over 70 students, fellows, and members of his Calcium Signals Lab; co-directed the Biomedical Engineering PhD program; and played an important role in the MD-PhD program. In his memory, his wife, Nancy, and sons, Michael, Daniel, and Jonathan, along with his Calcium Signals Lab members, have sponsored the award to honor innovative research by outstanding graduate students at the Johns Hopkins School of Medicine. Awarded to Shin Rong Lee

WILLIAM H. WELCH AWARD

The William H. Welch Award recognizes outstanding achievement in Pathology by a medical student. Awarded to *Meaghan O'Malley Morris*

The School of Nursing

ACADEMIC EXCELLENCE AWARD

To a student whose academic performance has been judged to be outstanding. Awarded to Vicki Pei Cheng Emma Morgan Cobb Amanda Foote Julia Davenport Forrester Susanna Elisabeth Gieske Daniel Hassler Chloe R. L. Lawver Maude Theo Matthai Laura Min McDonald Hannah Lucile Tepsa James Patrick Wiles Ceili Rose Wonilowicz Mixue Xie Jenna Elizabeth Zehler

THE JOHNS HOPKINS NURSES' ALUMNI ASSOCIATION AWARD

To a graduate student demonstrating expertise in professional nursing practice and patient-centered health care delivery. Awarded to *Elisa Pauly Apostle Stephanie A. Estes Erin Elizabeth Hunter Lindsey Kathleen MacNeil Kimberly Ann Peterson*

THE JOHNS HOPKINS NURSES' ALUMNI AWARD

Recognizes a student whose leadership ability is combined with clinical competence and an inquiring mind. Awarded to Natalia Barolin Casi Jo Blakey Katherine Hynes Fee Ann Patricia Worth

EMMA JONES BECKWITH CULLEN AWARD

In recognition of the highest standards of nursing practice and executive ability. Awarded to Devon Ann Ligo Lorrie Ann Novak

CARDIOVASCULAR DISEASE PREVENTION AWARD

To the graduate student who has demonstrated a strong commitment to the prevention of cardiovascular disease through excellence in nursing practice or research and sponsored by the Preventive Cardiovascular Nurses' Association. Awarded to Sharon Gerette Beautz

THE CHURCH HOME AND HOSPITAL NURSING ALUMNAE AWARD

Recognizes a student who best exemplifies a humanistic approach to nursing while integrating the art, science, and spirit of nursing. Awarded to *Suzanne Joyce Block Julia Davenport Forrester Rabina Joshi Stephanie Elisa Olmanni*

ELEANOR WADE CUSTER AWARD

To a student who most successfully demonstrates initiative and creativity in improving the health of a community with sensitivity to one's fellow man. Awarded to *Kelly Elizabeth Brown Brandon R. Lucas Violeta Michel Pantaleon Meredith Ilana Zoltick*

BETTY CUTHBERT AWARD

To a student who demonstrates outstanding commitment and service to nursing and the university. Awarded to Julia Ann Martorana Allison Ann Oler Claire Marie Tindula

SUE K. DONALDSON

DISSERTATION AWARD For the outstanding PhD dissertation in the School of Nursing. Awarded to *Jiayun Xu*

LEADERSHIP AWARD

To a graduate nursing student demonstrating outstanding leadership in the field of nursing. Awarded to Alexis Nichole Gillespie Diva Margareth Jonatan Mallory Beth Trosper

MARY AND GRAINGER MARBURG AWARD

In recognition of a student who consistently exhibits outstanding clinical nursing expertise. Awarded to Joshua D. Logan Augusta Galfand Soehngen MacQueen Maude Theo Matthai

ROBERT G. MERRICK AWARD

To a student demonstrating outstanding leadership in the field of nursing. Awarded to Demetrius Ducey Marcoulides Fernando Rafael Mena-Carrasco Alyssa Christina Monda Deborah Stone

RUTH DALE OGILBY AWARD

In recognition of exceptional academic performance in the master's program. Awarded to *Elisa Pauly Apostle Laura Mae Norton Sarah Jane Weber*

RESEARCH AWARD

To a student demonstrating intellectual curiosity and creativity in nursing research. Awarded to Jill Noel Daniels Hazuki Jessica Inoue Erin Elizabeth Petersson

EDNA SCHOEN MEMORIAL AWARD

To a student demonstrating excellence in clinical practice. Awarded to *Emily Rose Balbier Madeline Reed Furst Alessandra Inez Lopez*

SIGMA THETA TAU NU BETA CHAPTER AWARD

To a graduate nursing student in recognition of superior academic achievement, creative scholarship, and research. Awarded to Alexa Starr Dougherty Maureen Hohn Henley Mariah Porcher Whisenhunt 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. Awarded to Anna Elizabeth Noguchi Katelin Denise Santhin Caitlyn Elizabeth Wheeler

JOAN SUTTON AWARD

To a student demonstrating a strong dedication to professional nursing, clinical excellence, and interdisciplinary practice. Awarded to Asenath Angum Mba Eliza Roy Wiggin

The Peabody Conservatory

CLINTON LEE ARROWOOD MEMORIAL PRIZE IN FLUTE Awarded to Drew Dardis

CLARA ASCHERFELD AWARD IN ACCOMPANYING

Awarded to Hyun-Jeong Ahn Yuezhi Dou Iris Hsu Irene Kim Johanna Kvam Ju Young Lee Yejin Lee Grace Liu Minhee Park Melody Quah Wan-Chi Su Akkra Yeunyonghattaporn

B & O WOMEN'S CLUB AWARD IN PERFORMANCE Awarded to *Kelsey Ross* MARTHA AND WILLIAM BILL MEMORIAL PRIZE IN CLARINET Awarded to *Weily Shay*

P. BRUCE BLAIR AWARD IN COMPOSITION Awarded to Nick Dulworth Moni Guo

GEORGE CASTELLE MEMORIAL AWARD IN VOICE

Awarded to Katherine Bell Tirzah Hawley Thomas Hochla Joshua Hughes Eun Hey Kim Min Sang Kim Hanni Li Jia Lin Chong Yoon Noh Alexandra Patterson Rebecca Roose Chuanqi Shang Grace Srinivasan Emily Tate Natanya Washer

ISRAEL DORMAN MEMORIAL AWARD IN STRINGS Awarded to *Hojung Jung*

BRUCE R. EICHER PRIZE IN ORGAN Awarded to *Benjamin LaPrairie Lizao Wang*

PAULINE FAVIN MEMORIAL AWARD IN PIANO

Awarded to Moni Guo Chenchen Wang MOLLIE G. AND JOSEPH L. FORSCHER AWARD IN MUSIC COGNITION Awarded to Joseph German

SIDNEY FRIEDBERG PRIZE IN CHAMBER MUSIC Awarded to *Ledah Finck*

RICHARD FRANKO GOLDMAN PRIZE IN PERFORMANCE Awarded to

Zoe Fried

LILLIAN GUTMAN MEMORIAL PRIZE IN PIANO Awarded to Stanley DeLage

LYNN TAYLOR HEBDEN PRIZE IN PERFORMANCE

Awarded to Sean Meyers Tyrone Page

SIDNEY JENSEN MEMORIAL PRIZE IN WOODWINDS: CLARINET Awarded to *Juan Esteban Martinez*

BRITTON JOHNSON MEMORIAL PRIZE IN FLUTE Awarded to

Seungmin Oh Kelly Sulick

GUSTAV KLEMM AWARD IN COMPOSITION Awarded to

Peter Dayton

JAMES WINSHIP LEWIS MEMORIAL PRIZE IN PERFORMANCE Awarded to Marilyn Iparraguirre Jisu Jung Ricson Poonin

IRVING LOWENS ENDOWED MEMORIAL PRIZE IN MUSICOLOGY Awarded to

Christopher Buchanan Gary Sampsell

ADA ARENS MORAWETZ MEMORIAL AWARD IN COMPOSITION

Awarded to Jason Mulligan

OTTO ORTMANN AWARD IN COMPOSITION Awarded to *Kyle Krause*

OLGA VON HARTZ OWENS MEMORIAL PRIZE IN STRINGS

Awarded to Brandon Harris Elizabeth Keckeisen Minzo Kim Taylor Tin

PEABODY EARLY MUSIC AWARD Awarded to Alan Choo Paula Maust

PEABODY BASSOON PRIZE Awarded to Jaquain Sloan

PEABODY VOICE AWARD For outstanding voice students devoted to Peabody and the community. Awarded to

Christine Lyons

HAROLD RANDOLPH PRIZE IN PERFORMANCE Awarded to Dominic Brancazio Peter Morey

GRACE CLAGETT RANNEY PRIZE IN CHAMBER MUSIC

Awarded to Brandon Cave Hojung Jung Minzo Kim Melissa Lander Harry Oehler Rieko Tsuchida Elliot Yang

RICHARD ROSS MEMORIAL AWARD IN ORGAN

Awarded to Tomasz Robak

RANDOLPH S. ROTHSCHILD AWARD IN COMPOSITION

Awarded to Christopher Ciampoli

ALICE AND LEARY TAYLOR AWARD IN PERFORMANCE Awarded to *Benjamin Mapes*

MELISSA TILLER MEMORIAL PRIZE IN STRINGS: VIOLIN Awarded to *Wen-wen Hou*

FRANCES M. WENTZ TURNER PRIZE IN PIANO Awarded to *Yu-An Chen*

J.C. VAN HULSTEYN AWARD IN STRINGS: VIOLIN

Awarded to Ledah Finck Alexander Hardan Chia Shan Hsu Yan Oiao

ANNIE WENTZ PRIZE IN VOICE Awarded to *Molly Park*

GEORGE WOODHEAD PRIZE

IN VOICE Awarded to Lauren Anderson Karl Buttermann Mary Burke Michael Dodge Taylor-Alexis DuPont Shayna Jones Tae Hwan Kim Chang Liu

SARAH STULMAN ZIERLER PRIZE IN ACCOMPANYING Awarded to *Hsiao-Ying Lin*

The Bloomberg School of Public Health

P.D. AGARWAL SCHOLARSHIP To MPH students from India, Pakistan, Afghanistan, Bangladesh, Nepal, Maldives, Bhutan, or Sri Lanka. Awarded to *Lalawmpuia Hmar Jennifer Wenjing Tao*

J. HOWARD BEARD FELLOWSHIP

To an outstanding student pursuing a career in local or state public health work. Awarded to *Stephanie Eileen McLaughlin*

THE DAVID AND PATRICIA BERNSTEIN SCHOLARSHIP

To an outstanding MPH student. Awarded to *Katherine Lee Rosettie*

THE DAVID AND ELINOR BODIAN SCHOLARSHIP FUND To a doctoral student in any department at the school whose dissertation research is at a critical juncture. Awarded to *Naoko Kozuki*

THE CARR FAMILY HUMANITARIAN SCHOLARSHIP FUND

To support full-time MPH students at the Johns Hopkins Bloomberg School of Public Health. Awarded to *Han Win Htat*

DR. CHUN HUI YEN & WANG PEI YEN SCHOLARSHIP FUND

To a student from Taiwan or China with demonstrated academic excellence and financial need. Awarded to *Peiqi Wang*

DEAN'S ALUMNI ADVISORY COUNCIL SCHOLARSHIP

To a student whose career focuses on preventing disease and premature death in global defense of human life. Awarded to

Christine Riani Kaufmann

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 the lives of mothers and children. Awarded to

Leah Derege Seifu

THE ESKRIDGE FAMILY STUDENT SUPPORT FUND FOR INTERNATIONAL STUDENTS

To an outstanding international student. Awarded to *Khay Mar Aung Peiqi Wang*

GLOBAL HEALTH SCHOLARS Supports students in the MPH program. Awarded to *Braveen Ragunathan*

HOWARD C. AND JANE R. GOODMAN FUND To an outstandng MPH student. Awarded to *Elizabeth Ann Fracica*

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

Ruchi Srivastava Doshi

LEE M. AND MAXWELL C. HOWARD SCHOLARSHIP FUND FOR INTERNATIONAL STUDENTS

To an outstanding international student. Awarded to Stephanie Eileen McLaughlin

JOHN C. HUME MASTER OF PUBLIC HEALTH AWARD

To a graduate for academic excellence and professional promise.

Awarded to Angela Rose Flignor

CYNTHIA AND ROBERT LAWENCE SCHOLARSHIP

To a student whose public health interests have a direct bearing on the priorities and focus of the Center for a Livable Future. Awarded to *Joelle Johnson*

THE EDWARD AND KATHY LUDWIG SCHOLARSHIP FUND To students in the doctoral program. Awarded to Jessica Erin Atwell

THE DR. CYNTHIA MAUNG ENDOWED SCHOLARSHIP FUND

To outstanding medical students pursuing an MPH degree. Awarded to *Chidinma Pamela Anakwenze*

THE RUTH RICE PUFFER FUND FOR INTERNATIONAL STUDENT SUPPORT

To an outstanding master's degree student who is not a U.S. citizen. Awarded to Jamile Rusbania Ballivian Cuellar

SOMMER SCHOLARS

Recognizing MPH and doctoral students with outstanding academic ability and public health leadership potential. Awarded to Marcelo Cerullo Sagar Satish Chawla William Cherniak Jennifer Camille Effler Emily Marshall Hylton Hasan Shamsh Merali Rashmi Vijay Patil Genevieve Adelle Purcell Mary Kathleen Quinn Tehreem Rehman Elizabeth Anne Toure

THE WATT/HANSELL ENDOWMENT

To an outstanding student pursuing training at the School of Public Health and the School of Medicine. Awarded to Dane Samuel Moran

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 adviser 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 Mark White

WILLIAM C. FOSTER AWARD

To a second-year student for sound scholarship and a record of leadership and distinguished service to SAIS exemplary of the high qualities of integrity, loyalty, and ability admired in Mr. Foster. Awarded to Sheimaliz Elizka Glover Lorena Americano Valente

CHRISTIAN A. HERTER AWARD

To a member of the second-year class with the most outstanding academic record during the first three semesters. Awarded to *Elizabeth Knowles Parker-Magyar Jenna H. Spinks*

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 2016

Lauren Abrahams Julia Adams Grace Alvino Sari Amiel Run Banlengchit Kathryn Botto Hannah Byrne Manwei Chan Hyun Young Cho Kathryn Clark Joseph Cleary Kenneth Co Victoria Copans Shawn Costello Dylan Cowit Jay Daniels Priya Dave Anna Davis Cameron Davis **Emilie Decoppet** Danielle Dinstein John Durovsik Catie Edwards Marni Epstein Mina Farag Brandon Fiksel Jacqueline Gomberg

Catherine Gong Kiyon Hahm Clavton Hale Samantha Halpern Michael Hong Stephanie Irwin Piper Janoe Olivia Kasten David Kim Hye Sung Kim Joan Koh Nikolaos Kotoulas Eva Larson Sydney Lehman Junyi Li Jonathan Liu Kylie Liu **Colleen Livingstone** Brian Lo David Mampre Snehaa Maripudi John McNulty Nicholas Mehrle Gabriella Miller Devon Morgan Peter Natov Maisa Nimer Dael Norwitz Joshua Novack **Regina** Palatini **Daniel Paredes** Hve Yeon Park Carlene Partow Alyssa Perozich Allison Perry Vidushi Purohit Karly Raber Sage Reisner Kevin Rezzadeh Benjamin Rosser Alexandra Schleider Alexander Schulick Ryan Schwartz **Christine Server** Yi Shao Kelly Sharer Daniel Shats James Shepherdson William Shuman Haziq Siddiqi

Momodou Sonko Mark Sowers Gabrielle Stephens Jessica Terekhov Austin Vasiliadis Tessa Wiseman Nina Yanagisawa Wing Yue Xiange Zeng Kevin Zhang Qinze Arthur Zhang Cyrus Zhou Karan Zoria

FROM THE SENIOR CLASS IN THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES ELECTED IN 2015 Kavita Bhatnagar Alexandra Louise Bohrer Quenton R. Bubb Nathan Daniel Lee Rosie Jane Peck Zachary A. Pennington Helen Zhao

FROM THE SENIOR CLASS IN THE G.W.C. WHITING SCHOOL OF ENGINEERING, APPLIED MATHEMATICS AND STATISTICS, ELECTED IN 2016 Jie Bao Benjamin Shapiro Seth Weisberg Dayu Zhong

FROM THE KRIEGER SCHOOL OF ARTS & SCIENCES GRADUATE DEPARTMENT OF MATHEMATICS Jonathan Beardsley Kalina Mincheva

FROM THE PHD CANDIDATES IN THE BLOOMBERG SCHOOL OF PUBLIC HEALTH Winnie Chi Samantha Cukier Peter Dumoulin Virginia Fonner Nathachit Limjunyawong Sabrina Nolan Huitong Qiu Andreea Rawlings Ian Saldanha Elizabeth Steeves Kerry Scott Tavitiya Sudjaritruk Amber Willink

FROM THE PAUL H. NITZE SCHOOL OF ADVANCED INTERNATIONAL STUDIES Deborah Allison Cara Bragg Mathilde Cohen Alice Dufeu Dafe Oputu Patrick Rear Dario Sidhu Michael Slawson Kristina Wienhofer

FROM THE PHD CANDIDATES IN THE SCHOOL OF MEDICINE Iraj Hosseini Eleftheria Koropouli Olof Lagerlöf Shadi Toghi Eshghi Han Chin Wang Xianrong Wong Wing Sze Wendy Yue

FROM THE MD CANDIDATES IN THE SCHOOL OF MEDICINE Rebecca Marie Johnson-Paben Jiawei Zhao

Pi Kappa Lambda

Students nominated into the Epsilon Omicron Chapter and inducted into the society must have an outstanding academic record and be a top performer/musician.

The following members of the graduating class have been nominated to Pi Kappa Lambda: Emily Barone Katherine Bell Michael Dodge Moni Gup Paula Maust Charles Oehler Rebecca Roose Christopher Salvito Brad Testerman Julia Wen Lior Willinger

Upsilon Phi Delta

National academic honor society for students in health care administration programs.

The following members of the graduating class have been elected to Upsilon Phi Delta: Liana Lee Burns Christine Stephanie Careaga Matthew David Castner Neil Claracay Mariya Grygorenko Laura Bishop Hand Victoria Lo Amy Marie McDonough Carolina Rayzel Julie Anne Sorensen Meherazade Sumariwalla Brandon Joseph Earl Thomas Jane Jiayu Yang

Upsilon Pi Epsilon

International Honor Society for the Computing and Information disciplines.

The following 2016 graduates have been elected to membership in Upsilon Pi Epsilon: Daniel Alexander Adler Diana Chen Vamsi Chunduru Naomi Helen Ephraim Tai-Ting Hsieh Neil Rohit Mallinar Paul Daniel Martin Blaine Alexander Muri Zachary Owen Paine Sabin Jose Ulises Nino Rivera Daniel Stuart Obenshain Benjamin John Rosser Michael Thomas Shavit Mozhi Zhang

Woodrow Wilson Undergraduate Research Fellowship Program

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

The following members of the graduating class have been Woodrow Wilson Fellows: Megan I. Auzenbergs Miceile D. Barrett

Henry Kanner Bernstein Jesse Chen Silin Chen Kenneth T. Co Jay Daniels John Holt Durovsik Arielle Kaden Kylie Tora Basuki Liu Rachel M. McCoy Putt Rodchareon **Emily Copeland Rodgers** Yi Shao Kylie B. Sharkey Yu Wang Julia C. Wareham Ji Hyun Yang Helen Zhao

Tau Beta Pi National Engineering Honor Society

The following members of the graduating class have been elected to Tau Beta Pi: Bijan Masood Abar Daniel Alexander Adler Christopher Anthony Argento Monique Elizabeth Bailey Glenn Hunter Balbus Lydia Marie Carroll Conan Chen Odysseas Drosos Siswo Hartoyo Michael Frederick Howland Howard Wang Huang Stephen Johannesson Dmitry Olegovich Kats Tyler Jorgenson Barbara Hye-Jung Kim Nicholas Scott Kruyer Ivan Andreevich Kuznetsov Seung Wook Lee Jeffery Kai Li Hong Seo Lim Bill Ling Meredith Leigh Lipp Michael Taylor Lombardo Rohil Malpani Carrie H.C. Mok Michael Yung Kuang Mow Arman Mohsen Nia

Hee Won Park Sang Woo Park Nisu Patel Ruta Bharat Patel Badoi Nguyen Phan Patrick William Reilly Neil Everett Rens Monica Sherrard Rex Yong Kai Saw Daniel Jinsup Shinn Joanne Song Mark Strapko Emily Yuharn Su Brittany C. Tsou Doran D. Walsten Rvan Michael Walter Huilei Wang Yuan Hao Wong Samantha Lynn Wright Shiyu Xia Zixian Xun Jennifer Jia Zheng

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: Nicholas Brian Abt **Dinah Puchner Applewhite** Robin T. Bigelow Bryn Marie Carroll Jacob Klein Dev Shekhar Kishor Gadkaree Katherine Ann Giuliano Kelly Therese Harris Mark Richard Helmers Nikhil Jiwrajka Meaghan O'Malley Morris Megan Sue Orlando Katharine Rose Press

Jesse Raia Qualliotine Jessica Hadley Selter Kevin Shenderov Jeremy Adam Tanner Joshua DiGennaro Trebach Joanna Yi Wang

Delta Omega National Public Health Honor Society

Delta Omega was founded in 1924 at the Johns Hopkins University School of Hygiene and Public Health (now the Johns Hopkins Bloomberg School of Public Health) to promote excellence and to recognize accomplishments in scholarship and research.

The following members of the graduating class have been elected to Delta Omega: Ovintavo Ajiboye Chidinma Pamela Anakwenze Daniel Alexis Antiporta Jessica Erin Atwell Nirali Balvantrai Chauhan Michael Matthew Barna Kylie Tora Basuki Liu Ariana Isabel Bengtsson Kavita Bhatnagar Douglas Phillip Blackall Jasmine Michelle Blake Meghan Ann Bohren Daryl Ray Cheng William Cherniak Nicholas Frederick Chiumenti Elisabeth Nicole Chop Caitlin Jean Cotter Norah Lee Crossnohere Michelle Case Davidson Molly Deutsch-Feldman Ruchi Srivastava Doshi Catie L. Edwards Jennifer Camille Effler Iessica L. Elf Lauren Elizabeth Ellis Kevin McCalmon Fain Wareef Ibrahim M. Fallatah Samantha Lauren Fink Cecilia A. Flatley

Virginia Adair Fonner Alison Marie Gauthier Claire Louise Gillum Alexandra Rachel Greenberg Laurence Josofati Gunde Omar Harfouch Blandine Bustamante Helfrich Jason Corey Hirshberg Daniel Richard Hostetler Carolyn Renee Hricko Han Win Htat Geetha Sankar Narayanan Iyer Inimfon Nsikak Jackson Abisola Jumoke Jegede Shuai Jiang Shiyin Jiao Katherine Abowd Johnson Jeremy Calvin Kane Matthew James Keenan Shireen Rajai Khoury Natalie Kish Carleigh Beth Krubiner Yu-Hsuan Lai Lisa Ann Landsman Kristen Marie Little Caitlin Marie Lowery Sean Henry Maloney Grace Emily Mandel Pia Maria Mauro Tracy Lauren McClair Meghan Dolan McGinty Hasan Shamsh Merali Patrick Bates Murphy Sarah McIvor Murray Tianna Maria Negron Anne Elizabeth Nigra Nneoma Benedicta Nnodum Victor Muviwa Okunrintemi Edward Michieka Onyango Rashmi Vijay Patil Claro Montesa Pio Roda Jr. Jennifer Cohen Price Genevieve Adelle Purcell Emmanuel Mensah Quave III Braveen Ragunanthan Naomi M. Rapp Sheila Razdan Jacqueline R. Roche Carina Marie Reichelt Rosado Leona Fitzgerald Rosenblum Shae Ian Rowlandson

Jacqueline Marie Ryan Benjamin Daegun Schanker Jessica Lynn Schue Leah Derege Seifu Ye Shen Nicolette Charlotte Strauss Mary Elizabeth Summers Michelle Jennifer Sun Nadiya Azizeh Sunderji Aracelis Z. Torres Annie P.A. Tran Jui-Hua Tsai Lauryn Saxe Fiona H. Weeks Cassia Anne Wells Amber Elizabeth Willink Julia Alexandra Wolfson Ping Teresa Yeh Sarah Yoosun Youn Yuanting Zha

Sigma Theta Tau Nu Beta International Honor Society of Nursing

The Nu Beta chapter was established at Johns Hopkins School of Nursing in 1992. The purposes of Sigma Theta Tau are to recognize superior achievement and the development of leadership capabilities, foster high professional standards, encourage creative work, and strengthen commitment to the ideals and purposes of the profession of nursing.

The following doctoral students have been elected to Sigma Theta Tau Nu Beta: Anisha Shareen Abdul-Ali Anita Catherine Bacher Kristen Michelle Brown Rebecca Ann Carson Amanda Brooke Choflet Amita Desai Bermesola M. Dyer Katherine E. Heinze Melissa Hunter Cynae Alonia Lillian Johnson Tracy Krauss Kirsten Alma Blomberg Maren Bohne Erin Alexandra Booth Adam Boyce Maria Carrion Torre Cecile Kormanik Carson Kelsey Anne Cathcart Emily Allyn Chase Eunice Choi Melissa Chon Katie Chwastyk Cody Nicole Collazo Andrew George Corley

Brandi McClain

Manka Nkimbeng

Gail M. Schoolden

Jingzhi Xu

Binnara Yoo

Ariel Adams

Claire Anne Simeone

Thitipong Tankumpuan

Robin Lynette Pirtle

Carol Heiser Rosenberg

Leslie Maryann Horan Rowan

The following master's students

have been elected to Sigma

Theta Tau Nu Beta:

Margaret Aeschliman

Jessica Paola Amaya

Molly Grace Ambler

Lauren Carol Ayres

Kelsey Benson

Claire E. Berthold

Meagan Wyatt Bedsaul

Katherine Francis Billipp

Sarah Elizabeth Mossburg

Katie Chwastyk Cody Nicole Collazo Andrew George Corley Evi Angela Dallman Andrea Drew Danielson Tu Anh Ngoc Dao Amy Lynn Degener Brittany Drazich Sara Rose Drury Elisa Angela Dupuis Katherine Wiley Fitzpatrick Siobhan Forbes Chloe Chiyoko Gaines Brittney Michele Gangemi Stephen Gregory Garratt Emily Elizabeth Geise Stephanie Diane Griffin

Carrie Alice Guilfoyle Robin Lin Hall Maureen Hohn Henley David Joseph Hering Liliana Andrea Hervey Amanda Kathleen Housel Sharon Elizabeth Huang Erin Elizabeth Hunter MinJeong Jeon Madonna C. Kelly Kathryn Anne Kloss Shahzia A. Lakhani Georgia Zinsser Lewis Sarah Ludmer Margaret Ann MacDonald **Iill Leslie Marion** Jennifer Louise Martin Jenny Mathew Heather Michelle McDade Hannah Kristvik Meadows **Christopher Abbas** Mehdizadeh Katelyn Dufour O'Brien Deepa Oja Mirlene Perry Daniel Scott Pollack Ashley Yuran Ro Lara Elaine Saberon Kathryn Nicole Samsen Aarthi Premila Sathya Jessica Ann Savage Jacquelyn Rae Scott Ashley Cecelia Sayles Jessica Erin Stafford Keitra L. Thompson Marion Archer Trumbull Leigh Virginia Von Rueden Taryn Ann Vrasich Kathleen Ruka Weaver Zorbari Joannah Wikina Dana Emily Wong Sarah Jayne Woodbury Maire Elizabeth Wray Kyle Marie Yanchura Sherri Lynn Younger

The following undergraduate students have been elected to Sigma Theta Tau Nu Beta: Lara Akinleye Stephanie Lynn Al-Adhami Clarissa Marie Andorfer-Lopez Emily Rose Balbier Natalia Barolin Melissa Bartholomew Madeleine Belizaire Casi Jo Blakey Suzanne Joyce Block Kimberly Ann Bronson Krista Lynn Brooks Kelly Elizabeth Brown Deborah Carol Casanova Vicki Pei Cheng Joshua Lee Clemmer Emma Morgan Cobb Leah Steinmetz Corr Robin Elkins Currens **Jill Noel Daniels** Devon Ann Donohue Brian E. Dupee Brenna Dorothy Durkin Katherine M. Dwyer Katherine Hynes Fee Gina E. Ferrari Amanda Foote Julia Davenport Forrester Joanna Louise Gaertner Dominesse Sepe Gajudo Clare Taylor Gamble Chelsea Ann Gill Adelle Liana Grant-McAuley Melissa Christine Green Shoshana Miriam Gruber Jennifer Han Molly Elizabeth Hartman O'Connell Daniel Hassler Sarah Marie Hefner Christine Anne Hogan Courtney Reiko Hsieh Katherine Elizabeth Hunt Pavithra Jaisankar Hanna Dubansky Jaquith Ashley Paige Jones Sarabeth Kelly Sejung Kim Taylor Nicole King Christine Alyssa Kirkwood Tracy Okee Kwon Megan Allison Lawless Susanna Maria Lester William Henry Linkroum

Jillian McCully Liwacz Alessandra Inez Lopez Brandon R. Lucas Kristin Anne Lyman Genevieve Mae Mallen Danielle Rae Mallon Demetrius Ducey Marcoulides Julia Ann Martorana Laura Min McDonald Jared William McIlvene Dana Elizabeth Meith Michael John Michalczyk Ashley Elizabeth Miller Alycia Lee Moore Sarah Eliot Mullen Caroline Evans Myers Stephanie Elisa Olmanni Ariel Sharon Palter Andrea Perri Amanda Marie Pollard Katherine Grace Potter Nithya S. Prabhala Julia Patricia Puzak Ellen Irene Renfroe Conway Mathew Robinson Elizabeth Anna Roughead Laura M. Saha Chelsea Marissa Samms Margaret Frazar Schultz Anna Nicole Scott Rachel Cecilia Shapiro Jacob Robert Shermer Alison Brooke Smithwick Stephne Spenceley Angela Speranza Colleen Anne Stehlin Deborah Stone Alexandra Lynn Sussman Hannah Lucile Tepsa MayaJoy Marcela Vizina Thode Kelsev Maureen Till Keanna Rae Voso Meredith Nicole West James Patrick Wiles Alexandra Yamin Wodka Ceili Rose Wonilowicz Abigail Susan Wood Ann Patricia Worth April Sunjoo Yoo Kyle Zahradka

Jenna Elizabeth Zehler Meredith Ilana Zoltick

Alpha Kappa Delta

The International Sociology Honor Society AKD seeks to acknowledge and promote excellence in scholarship in the study of sociology, the research of social problems, and such other social and intellectual activities as will lead to improvement of the human condition.

The following students have been elected to Alpha Kappa Delta: Lauren Abrahams Naomi Bouchard-Gordon Jessica Cohen Jennifer Lee Emily Schoenfeld

Honor Society for the School of Education

Chi Sigma Iota

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

The following members of the graduating class are members of Chi Sigma Iota: Egochi P. Achinonu Allera A. Akpan Dena Waheeb Alalfey Caitlyn D. Alfred Mina M. Attia Sara Michelle Phillips Battista Matilde Beisso Natasha C. Blake Nelly J. Boishin Ian J. Bolland Jessica Lauren Bosse Leona M. Brannon Lauren Camille Brown Meredith Dolores Callis Danielle Capon Kim Castro Casimbon Courtney E. Cox Kathryn N. Davis Virginia Dominguez Bentancur Zainab A. El Radi Karen Epstein Maria C. Evans Courtney Jennifer Lynn Framm Wendy Gail Gaunt Lauren M. Gomez Bethany S. Grove Stephanie Hanthorne Zina Marta Harabatch Regina Navodini Harmsen Shane Tyler Hart Jennifer Hua Sean Huang Taija Moneit Jackson Ann Rebecca Kaufman Eleanor Diane Kleinman Katherine Louisa Kreft Eunjung Joy Lee Rebekeh Lipsky Jingzhe Lu Rhiannon Macgowan Melissa Kathleen Maddox Tara McManaway Omaira Mejia Castaño Erin Elizabeth Meyer Nicole Diane Moniz Megan Elizabeth Mozley Sapphire Chanthra Neang Taylor Nolan Taylor Kathryn Pendergast Johnson

Sirikarn Prammawat

Alexis Shannon Rhames Mary Elisabeth Rimi Taisha Rodriguez Emily C. Sacher Nicole B. Schwartz Jessica Wood Shepherd Ashley Simmons Sarah Caroline Spund Alan Steimberg Lee Tomkin Stern Meghan Kathleen Toler Marirose Ungerman Geraldine Wallace Nicole Walter Jiayue Wang Ellen S. Winter **Carrie Curtis Young** Alexandra Gentile Zellner

Phi Delta Kappa

Phi Delta Kappa is a 100-yearold professional association for educators. This memberbased association is a dedicated advocate for highquality, public education around the world. Phi Delta Kappa strives to prepare the next generation of educators through visionary leadership, research, and service.

The following member of the graduating class is a member of Phi Delta Kappa: Marissa S. Birke

General University Honors

General University Honors were determined at the end of March 2016, 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 2016 semester will have that notation placed on their final transcripts.

The Zanvyl Krieger School of Arts and Sciences

Baccalaureate Candidates Graduating with General Honors

Joshua Samuel Abady Nadine Amjad Abdullat Suleiman Manuel Gomes Abiola Elsheba K. Abraham Lauren Nicole Abrahams Belinda Patricia Adam Taylor L. Alessio Clarissa Esmeralda Alfes Grace Elizabeth Alvino Ikechukwu Amakiri Sari Adar Amiel Reina Arakawa Sofia Leandro Arruda Megan Irene Auzenbergs Michael Ayad Alexandra Elena Ballato Run Banlengchit Olga Alexandrovna Baranoff Jack Ives Bartholet Sarah Elizabeth Benett Troyana Rachell Benjamin Isabella Star Berkey Joshua Stephen Bernard Chinar Berry Kavita Bhatnagar Arlene Scott Bigirimana Lauren Christine Blachowiak Alexandra Louise Bohrer Kathryn Joyce Botto Naomi Bouchard-Gordon Iustin David Helinski Brilliant Melanie Yoko Brown

Quenton R. Bubb Hannah Jane Byrne Kristen Leigh Cannon Daniel Jie Cao Stephan André Capriles Alex Robert Chambers Kathryn Graham Champ Manwei Chan Nirali Balvantrai Chauhan Elizabeth Chen Ivan Chen Jesse Chen Leon J. Chen Silin Chen Brandon Allen Cherry Ransom Woo-jong Chin Hyun Young Cho Jeremy Minwu Cho Annie Minkyung Cho Kelly Samantha Chu Jeeyoon Chung Jessica Aegin Chung Jiwon Cynthia Chung Kathryn Evalyn Clark Joseph Williams Cleary Kaylie Michele Clemenza Kenneth Tan Co Meaghan Elizabeth Coffey Jessica Kim Cohen Huston Levi Rush Collins Daniel Mattia Contaldo Victoria Marie Copans Keith Patrick Corliss Nicole Chana Cornet Shawn Michael Costello Dylan Shea Cowit Austin Evanne Cove Adelaide P. Crabb Khadijah Alana Rashondra Crawford Phillip Sharma Croce Randy Cruz Leslie Anne Cunningham Hope Brennan Dancy Jay Carroll Daniels Priya Jayesh Dave Andrew Raphael D'Avino Anna Ziporah Davis Cameron Joel Davis Giana Dawod Jesica Arielle Dawson

Alexander de la Vega Baxter Christian DeBruyn Emilie Angèle Decoppet Abigail S. Delamater Melissa R. Dhanraj Gabriella Susan diBattista Liana Zhong DiCredico Danielle Dinstein Megan Elizabeth DiTrolio Cameron Low Donahue John Holt Durovsik Caitlin Marie Dwyer Alexandra Susan Eagan Adam Isaac Eckstein Catie Lynn Edwards Davis J. Einolf Marni Leah Miller Epstein Deniz Dilara Ertenu Noah Price Erwin Yarelix Estrada Ashley Nicole Fallon Mina Farag Brandon Ian Fiksel Samantha Lauren Fink Ryan Andrew Finkel Harrison Matthew Finkelstein Diana Marie Fiorilli Oren Amitai Seidlin Fishman Cecilia Grace Alexandria Freeman Susan Clare Futerman Alexis Dawson Gaillard Tyler Madison Gaines Josephine Slayton George Gabriella Nancy Giannone Brian David Gilbert Grace Susannah Golden Jacqueline Leigh Gomberg Catherine Gong Madelyn Bradley Goodman Samuel M. Gordon Herta Sarah Granado Jeffrey M. Granja Laura Katherine Grau Carly Michelle Greenspan Rebecca Marie Grenham Kristina Lara Grubb Andrew Ignatius Guernsey Madison Wisconsin Guevara Suhan Guo Ivana Gutierrez

Kivon Hahm Jihoon Hahn Elizabeth Marie Haibach Clayton Bernard Hale Samantha Ellen Halpern Evan Lewis Harary John Harold Hardin William Joseph Harrison Stephen Dominic Harrop Yonis Jabril Hassan Elisa L. Heacock Robin Margaret Heider Guillermo A. Herrera Daniel Aaron Herzstein Chan Min Hong Michael Seijong Hong Wakako Horiuchi Laurence Tang Hou Emily Ann Hu Julia Hu Nicole Huang Shi Huang James McGuire Hughes Joseph Huntley Sally Hwang Asako Inagawa Hannah Elizabeth Ingersoll Stephanie Yu-Lin Irwin Samantha Rose Jacobs Piper Jae Janoe Xiaofeng Jie Xin Rebecca Jing Kastle Cheers Jones Christopher Jou So Ra Jung Isha Ajay Kachwala Arielle Helene Kaden Constance Lin Kaita Nicolletta Maria Kakaris Johan Donial Kamyab Minhi Nancy Kang Suah Kang Victor Ming Kang Marlene Flora Kanmogne Savannah Lynn Karmen-Tuohy Charles Christian Kassis Olivia Diane Kasten Catharine Kelsh Keim Connor Lucas Kenehan Louis Patrick Kester Noor Osama Khalil

Chang Kim David Nam-woo Kim Hye Sung Kim Isaac Younghoon Kim Jonathan J. Kim Kyung Hwa Kim Sangri Kim Elizabeth Anne King Taylore Anna King Joan Y. Koh Nikolaos Antonios Kotoulas Skylar Huyen Kramer-Baldwin Kathleen Mary Kranzlin Sarah Michaela Krasnik Yuncong Lai Katherine Wai Ying Lam Noah Samuel Landesberg Matthew Jacob Lankiewicz Eva Dolores Larson Eleanor Rosamond Lasch Asya Latifoglu Nathan L. Law Gary Anthony Lawrence Katherine Doan Le Jennifer Lee Jeong Yeon Lee Nathan Daniel Lee Sang Heon Lee Young Seok Lee Sydney Mackenzie Lehman Aileen Frances Leitner Melanie Elizabeth Levine Katherine Josephine Lewis Junyi Li Sang Yeon Sean Lim Connie Shuai Lin Jonathan Zhong Liu Kylie Tora Basuki Liu Ting Liu Colleen Faye Livingstone Brian Dennis Lo Vittorio Loprinzo Tianqi Luo David Michael Mampre Michelle Yoshiko Mandeville Ely Lev Manstein Ellen Fay Marcus Jacqueline M. Marin Snehaa Maripudi Elizabeth Catherine Marley Lauren Marie Marrazzo

Simon Arun Marshall-Shah Elizabeth Anne Mattson Erica Frances Matz Kara Devin McDonough Christine Marie McEvoy Sean Ashley McGrath Carolyn McGuigan Maryalice Elizabeth McKenna John Joseph McNulty V Nicholas Freeman Mehrle Lauren Nicole Meyer Gabriella Michaela Miller Matthew Kenji Miyamoto Sakura Miyazaki Christina Delia Morello Devon Alyssa Wardlaw Morgan Kanami Mori Surekha Uma Mullangi Nitin Rajendra Nainani Ji Young Nam Peter Svetlozarov Natov Nare Navasardyan Elizabeth Marie Neylan Christopher K. Ng Tin Yee Natasha Ng Maisa Nimer Emily Margaret Nordquist Dael H. Norwitz Joshua Leon Novack Bridget Y. Nucum William Drake Nunn Eduardo Ochoa Colin Francis O'Connor Chelsea M. Olivera Raphaelle Magali Ortiz Grace Esohe Osagie Christian William Ostrowski Tianhao Ou Regina Anne Palatini Michelle Beth Pargament Kristen Marie Parisi Hye Yeon Park Sang A Park Young Rok Park Shannon Elizabeth Parker Carlene Parisa Partow Rajan Patel Guillermo Ruben Pechero Jr. Rosie Jane Margaret Peck Anamaria Penagos Elena Gevaert Penati

Zachary Arthur Pennington Alyssa Nicole Perozich Allison E. Perry Casey Jo Peta Edwina L. Picon Michelle Elizabeth Pike Caitlin Jo Corso Plank Caroline Eaman Plapinger Jason P. Plush Diamond Da'Shae Pollard Deanna Lee Pope **Ruth Deborah Portes** Neha Y. Prasad Vidushi Abhay Purohit Benita Frances Pursch Karly Ann Raber Summer R. Rak Roberto Carlos Ramirez Blake Christopher Range Julia Nadine Raphael Nava Fiona Rastegar Bridget Lynn Ratcliffe Kushan Bandara Ratnayake Connor Bernard Kamalu Reed Kathryn Anne Morita Rees Sage Lauren Reisner Roey Dror Reiss Kevin Timur Rezzadeh Bryan Alfred Ricciardi Rebecca Hannah Rimsky Michelle Shamim Ritter Allyson Marie Roberts Katie Anne Robinson Putt Rodchareon **Emily Copeland Rodgers** Tom Seikichi Roesser Ella M. Rogers-Fett Tomas Rojas Hailey Beth Rosenthal Benjamin John Rosser Allison Sue Rubenstein Claire Beatriz Russell Andrew William Russo Saralla David Salehi Uriel J. Sanchez Jordan Leigh Scharf Megan Jameson Schaub Jacob McCoy Schick Alexandra Lyn Schleider Zachary Stuart Schlosberg Anna Marie Schneider

Emily Leah Schoenfeld Brent Russell Schottenfeld Alexander Cenciarelli Schulick Cara E. Schulte Benjamin Alexander Schwartz Ryan Matthew Schwartz William Hogan Scola Olivia Rae Seideman Sofia Lang Selig Patrick Owen Sernyak Christine Hana Server Yi Shao Kelly Patricia Sharer Kylie Bridget Sharkey Rahul Kamal Sharma James Lewis Shepherdson Yoonghyun Shin William Harrison Shuman Leslie J. Sibener Haziq F. Siddiqi Christine Ying Situ Momodou Lamin Sonko Mark Lai Sowers Olivia Lilian Spector Louis S. Steinkuehler Gabrielle A. Stephens Sarah Ellen Stockman Juhwan J. Suh Edrick Sulistio Alexandra Leigh Surget Justin P. Sutton Takamichi Luke Suzuki Noel Savage Swanson Melody Augustina Swen Arjun Prakash Tambe Claudia Nicole Mapua Tan Hui Yi Tee Jessica Terekhov Ross Wilkinson Terry Andrea Marianina Theodoru Lee Foster Thompson McKenna Leigh Tierney Emily Kathleen Toler Aditi Trivedi Caroline Paige Tucker Devin Jon Tucker Alex Francisco Urbina Favela Ines Varela Irene Victoria Vargas Andrew Carroll Vargas-Delman Austin John Vasiliadis

Juliana Hope Vigorito Rachel N. Viqueira Eli Bard Wallach Yu Wang Julia Catherine Wareham Emily Katherine Weber Michael Yoni Weiss Kevin Blake Wells Madison Philip Wilcox Felix Andreas Karl Willfort Calla Ann Winchell Tessa Louise Wiseman Iuliana Wittmann Rachel Ruixin Xian Ching Xie Michael Xu Michelle Xu Pei Xue Nina Yanagisawa Emily H. Yang Ji Hyun Yang Alvina Lokling Yau Brent Jeffrey Yelle Josiah Caleb Yiu Brenda L. Young Lydia Jane Youngman Tianrui Yu Ryan Shau-Lone Zaybekian Qingcong Zeng Xiange Zeng Huaitao Zhang Kevin Chang Zhang Qinze Arthur Zhang Shuran Zhang Yuxi Zhang Helen Zhao Victoria Zhao Cyrus Zhou Yutong Zhou Lily Zhu Nicole Haley Ziegler Sophia-pia Zombanakis Karan Singh Zoria

The Whiting School of Engineering

Baccalaureate Candidates Graduating with General Honors

Bijan Masood Abar Evan M. Adamo Daniel Alexander Adler Geoffrey Sebastian Allard Alexander George Ananiadis Garren Arek Angacian **Christopher Anthony Argento** Monique Elizabeth Bailey Glenn Hunter Balbus Jie (Jocelyn) Bao Katherine Anne Bolling Erin Valentine Boulger Andrew Joseph Brenner Luke Nathaniel Brown Rowan Patrick Cade Nathan Calzadilla Kyle Vincent Candela Yexin Cao Lydia Marie Carroll Thomas Michael Catullo Andreas C. Chai Alan K. Cham Vikram Chandrashekhar Joonha Chang Katie Yun Chang Karthik Chellamuthu Conan Chen Han-Wen Chen Kevin Chen Patricia Mo Chen Thomas Ying-jeh Chen Ka Ho Nicholas Cheung Michael R. Chickering Eugene Taehyun Cho Michelle Chyn Michael Goubeaux Clark Andrew Zachary Das Rosalind Abra Dempsey Kenneth A. DeStefano Josh William DiGiacomo Jacob D. Dooling Logan Garrett Dorman Odysseas Drosos Andrew Allston Dykman Niki Taylor Entin

Naomi Helen Ephraim Yunfan Fan Gehn D. Ferguson Benjamin Bloch Finard Phanindra Gaddipati Kevin George Ruchi J. Gondalia David Jonathan Gorman Brian Y. Gu Andrew Jia-kan Han Siswo Hartoyo Rachel Ann Hegeman Brian Ho Gwendolyn Ann Hoffmann Devin C. Holladay Michael Frederick Howland Han Huang Howard Wang Huang Jiawei Huang David Benjamin Hudak Seyong Jeong Minjea Jo Stephen Johannes Johannesson Tyler Dean Jorgenson Andrea A. Joseph Dmitriy Olegovich Kats Alexander William Kearns Daniel Patrick Keith Benjamin David Keyser Chachrit Khunsriraksakul Barbara Hye-jung Kim Dohee Kim Kangsan Kim Kyle Andrew Kirwan Nicholas Scott Kruyer Edward Paul Kunkel Ivan Andreevich Kuznetsov Inez Tsz Wa Lam Seung Wook Lee David Elliot Levi Jeffery Kai Li Edward Lim Hong Seo Lim Melissa Wanwei Lin Bill Ling Meredith Leigh Lipp Candace Chen Hwan Liu Ran Liu Zivi Liu Fong Shun Lo

Michael Taylor Lombardo Sihao Lu Polly Charlene Ma Brooke Michele Mahoski Rohil Malpani Sarah Avery Manzone Annie Mengjia Mao Gwen Martin Max Dylan Matsuda Hirata Caitlin McDonald **Clayton George Minicus** Taariq Khalil Mohammed Arman Mohsen Nia Carrie H C Mok Michael Yung Kuang Mow Thomas Thien Duc Nguyen Gabrielle Marie Nyirjesy Schaffer Lee Ochstein Jeanette Karen Ortega Nicole Jennifer Ortega Zachary Owen Paine Sabin Hee Won Park Sang Woo Park Kunal Paresh Patel Ruta B. Patel Michael Sebastian Patti Adrian Spector Pearl BaDoi Nguyen Phan Nicolas Pooran Latorre Lindsay Janet Portelli Vittorio Romano Prati Patrick William Reilly **Emily Mae Rencsok** Neil Everett Rens Monica Sherrard Rex Edward Whitworth Samson Henry Manuel Sanchez Michael Neal Saunders Yong Kai Saw Travis Anthony Schmauss Brennan Michael Schneider Benjamin Howard Shapiro Michael Thomas Shavit Xiaoyang Shen Mengli Shi Daniel J. Shinn Nathan Lewis Smith Yitzhak David Snow Joanne Song Antonio Edward Spina Mark Strapko

STUDENT HONORS -

Emily Yuharn Su Adam Bradford Suppes Celine Dana Sze Daniel Takash Edric Tam Matthijs Antoin Taselaar Kirk Dorian Trombley Brittany Chen-Jin Tsou Nicholas Alexander Uebele Mary Catherine Susan Wallace Matthew Ryan Walmer Doran Douglas Walsten Ryan Michael Walter Huilei Wang Kaiyuan Wang Joshua Richard Weirich Seth Eric Weisberg Benjamin David Wheeler Yuan Hao Wong Daniel Alexander Worstell Addison Baldwin Wright Samantha Lynn Wright Tony Tsung Lin Wu Shiyu Xia Kevin Z. Xin Linda Xu Yu Xu Zixian Xun Dean Yacar Jennifer Yang I Chae Ye Kevin Mark Yee Max Edward Yelsky Rachel Marie Yung Yiguang Zhang Zhuo Zhang Jennifer J. Zheng Mengqiu Zhu Carolyn A. Zin Lin "Linda" Zuo

The Carey Business School

Bachelors of Business Administration Graduating with General Honors

Jiali Chen Joseph Michael D'Antuono Jiawei Dong Karina Takoui Oganyan Juniko Wigjaja Yiyun Yang

School of Education

Baccalaureate Candidate Graduating with General Honors

Byron Conaway

The Zanvyl Krieger School of Arts and Sciences

Graduating with Departmental Honors

Suleiman Manuel Gomes Abiola, Public Health Studies Elsheba K. Abraham, Behavioral Biology; Italian Lauren Nicole Abrahams, Sociology Belinda Patricia Adam, Cognitive Science Julia Elizabeth Adams, Global Environmental Change and Sustainability Gloria Giselle Aldana, Global Environmental Change and Sustainability Grace E. Alvino, English; Writing Seminars Ikechukwu Amakiri, Molecular & Cellular Biology Sari Adar Amiel, Global Environmental Change and Sustainability Anthony Arnette, Cognitive Science Michael Ayad, Neuroscience Troyana Rachell Benjamin, Public Health Studies Chinar Berry, Neuroscience

Andrew Joseph Brenner, Chemistry Justin David Helinski Brilliant, Neuroscience Brett Richard Brodsky, Global Environmental Change and Sustainability Dannielle Adelle Brown, Public Health Studies Quenton Rashawn Bubb, **Biophysics** Stephan Andre Capriles, History Manwei Chan, Physics Jesse Chen, Writing Seminars Silin Chen, History of Art Annie Minkyung Cho, Writing Seminars Jessica Chung, Neuroscience Joseph Williams Cleary, Physics Hudson Jay Cole, English Shawn Michael Costello, **Biophysics** Dylan Shea Cowit, History Allison Elizabeth Cox, History Austin Evanne Coye, Neuroscience Phillip Sharma Croce, Neuroscience Randy Cruz, Molecular & Cellular Biology Leslie Anne Cunningham, Writing Seminars Alexa S. Curto, Cognitive Science Hope Brennan Dancy, Political Science Priya J. Dave, Chemistry Andrew Raphael D'Avino, Molecular & Cellular Biology Anna Ziporah Davis, History Alexander de la Vega, Physics Emilie Angele Decoppet, Neuroscience Melissa R. Dhanraj, Chemistry Gabriella Susan diBattista, Archaeology Megan Elizabeth DiTrolio, Writing Seminars Alexander Dino Dragone, History; Writing Seminars Caitlin Marie Dwyer, Writing Seminars

Davis J. Einolf, Writing Seminars Noah Price Erwin, Global Environmental Change and Sustainability Mina Farag, Biophysics Julia M. Felicione, Cognitive Science Diana Marie Fiorilli, Cognitive Science Cecilia Grace Alexandria Freeman, Molecular & Cellular Biology Nicolas Mehrle Freeman, Physics Timothy Carl Freborg, Writing Seminars Amelia Therese Gavurin, Writing Seminars Brian David Gilbert, Writing Seminars Chaney Josephine Giordano, Writing Seminars Madelyn Bradley Goodman, Public Health Studies Tucker Bevin Gordon, Earth & Planetary Sciences Herta Sarah Granado, Molecular & Cellular Biology Andrew I. Guernsey, Political Science Elizabeth Marie Haibach, Writing Seminars Diamond Khadejah Hale, Public Health Studies Samantha Halpern, Chemistry Jennifer Lee Hansen, Public Health Studies William Joseph Harrison, Cognitive Science Chloe D. Haviland, Cognitive Science Robin Margaret Heider, Molecular & Cellular Biology Wakako Horiuchi, Neuroscience Shi Huang, Neuroscience Joseph Huntley, Neuroscience Asako Inagawa, Public Health Studies Hannah Elizabeth Ingersoll, Anthropology Arielle Helene Kaden, Writing Seminars

Constance Lin Kaita, English; Writing Seminars Nicolletta Maria Kakaris, Chemistry Hayley Elizabeth Kallfelz, Global Environmental Change and Sustainability Johan Donial Kamyab, Molecular & Cellular Biology Marlene Flora Kanmogne, Neuroscience Savannah Lynn Karmen-Tuohy, Neuroscience Catharine Kelsh Keim, Cognitive Science Michael Kelly, Physics Isaac Y. Kim, Molecular & Cellular Biology Sangri Kim, Neuroscience Taylore Anna King, Molecular & Cellular Biology Skylar Huyen Kramer-Baldwin, Writing Seminars Kathleen Mary Kranzlin, Global Environmental Change and Sustainability Sarah Michaela Krasnik, **Cognitive** Science Yuncong Lai, History Katherine Doan Le, Molecular & Cellular Biology Jennifer Lee, Sociology Si Yeon Lee, Writing Seminars Katherine Josephine Lewis, Writing Seminars Wei-Shi Lin, Writing Seminars Kylie Tora Basuki Liu, Public *Health Studies; Anthropology;* Italian Colleen Faye Livingstone, Near Eastern Studies Vittorio Loprinzo, Physics Tianqi Luo, Molecular & Cellular Biology Diana Clayton MacGuire, Writing Seminars Michelle Yoshiko Mandeville, History Ellen Fay Marcus, Behavioral Biology Jacqueline M. Marin, History of Art

Lauren Marie Marrazzo, Writing Seminars Simon Arun Marshall-Shah, Cognitive Science Elizabeth Anne Mattson, Writing Seminars Colin James McCarthy, Psychology Morgan Lee McCarthy, Earth & Planetary Sciences Carolyn McGuigan, English John Joseph McNulty, Neuroscience Nicholas Freeman Mehrle, Physics Peter Svetlozarov Natov, Molecular & Cellular Biology Nare Navasardyan, Writing Seminars Christopher K. Ng, Molecular & Cellular Biology Maisa Nimer, Molecular & Cellular Biology Emily M. Nordquist, Molecular & Cellular Biology Dael H. Norwitz, Writing Seminars Joshua Leon Novack, Molecular & Cellular Biology Chelsea Marie Olivera, History ofArt Raphaelle Magali Ortiz, Global Environmental Change and Sustainability Tianhao Ou, Neuroscience Julie Danielle Paone, Cognitive Science Michelle Beth Pargament, Writing Seminars Hye Yeon Park, Sociology Shannon Elizabeth Parker, Behavioral Biology Carlene Parisa Partow, Neuroscience Rajan Patel, Neuroscience Allison E. Perry, Public Health Studies Casey Jo Peta, Writing Seminars; Italian Molly Elizabeth Pitegoff, Public Health Studies Jason P. Plush, Global Environmental Change and Sustainability

Ruth Deborah Portes, Archaeology; Writing Seminars Avi N. Posen, History Benita Frances Pursch, Public Health Studies Sarah Broderick Ragen, Global Environmental Change and Sustainability; Earth & Planetary Sciences Nava Fiona Rastegar, Global Environmental Change and Sustainability Bridget L. Ratcliffe, Physics Bryan Alfred Ricciardi, Spanish Michelle Shamim Ritter, International Studies; Political Science Katie Anne Robinson, Writing Seminars Tom Seikichi Roesser, History Benjamin John Rosser, Physics Allison Sue Rubenstein, Writing Seminars Andrew William Russo, Neuroscience Uriel J. Sanchez, Molecular & Cellular Biology Jacob McCoy Schick, Molecular & Cellular Biology Cara E. Schulte, Public Health Studies Olivia Rae Seideman, Global Environmental Change and Sustainability Christine Hana Server, Neuroscience Yi Shao, Neuroscience Kelly Patricia Sharer, Cognitive Science Kylie Bridget Sharkey, Anthropology Rahul Kamal Sharma, Molecular & Cellular Biology Daniel O. Shats, East Asian Studies James Lewis Shepherdson, Molecular & Cellular Biology Yelizaveta Slutskaya, Anthropology Momodou Lamin Sonko, Molecular & Cellular Biology Mark Lai Sowers, Chemistry

Gabrielle A. Stephens, Global Environmental Change and Sustainability Alexandra Leigh Surget, **Cognitive Science** Takamichi Luke Suzuki, Molecular & Cellular Biology Noel Savage Swanson, Global Environmental Change and Sustainability Edric Tam, Neuroscience Arjun P. Tambe, Molecular & Cellular Biology Jessica Terekhov, English Ross Wilkinson Terry, History Andrea Marianina Theodoru, **Biophysics** Emily Kathleen Toler, Molecular & Cellular Biology Caroline Paige Tucker, History of Science, Medicine, and Technology Andrew Carroll Vargas-Delman, Spanish Rachel N. Viqueira, Public Health Studies Julia C. Wareham, Archaeology Emily Katherine Weber, Political Science Kevin Blake Wells, Sociology Felix Andreas Karl Willfort, Political Science Beatriz Noemi Williams, History of Art Calla A. Winchell, English Nina Yanagisawa, Behavioral Biology Ji Hyun Yang, Cognitive Science Brent Jeffrey Yelle, Physics Brenda L. Young, Neuroscience Nicole Haley Ziegler, Writing Seminars Huaitao Zhang, Molecular & Cellular Biology Qinze Arthur Zhang, Molecular & Cellular Biology Shuran Zhang, Neuroscience Yuxi Zhang, Public Health Studies Cyrus Zhou, *Biophysics*; Molecular & Cellular Biology Lin Zuo, Public Health Studies Brittany A. Zwang, History of Art

STUDENT HONORS -

The G.W.C. Whiting School of Engineering

Baccalaureate Candidates Graduating with Departmental Honors

Bijan Masood Abar, Biomedical Engineering Daniel Alexander Adler, Biomedical Engineering Portia Xie Anderson, Biomedical Engineering Garren Arek Angacian, Biomedical Engineering Christopher Anthony Argento, Chemical & Biomolecular Engineering Steven Robert Austin, Computer Science Monique Elizabeth Bailey, Biomedical Engineering Glenn Hunter Balbus, Mechanical Engineering Jie Bao, Applied Mathematics and Statistics Erin Valentine Boulger, Biomedical Engineering Luke Nathaniel Brown, Engineering Mechanics Rowan Patrick Cade, **Biomedical Engineering** Kyle Vincent Candela, Mechanical Engineering Yexin Cao, Electrical Engineering Lydia Marie Carroll, Biomedical Engineering Thomas Michael Catullo, Biomedical Engineering Andreas C. Chai, Chemical & Biomolecular Engineering Alan K. Cham, Biomedical Engineering Vikram Chandrashekhar, Biomedical Engineering Karthik Chellamuthu, Biomedical Engineering Kevin Chen, Chemical & Biomolecular Engineering Patricia Mo Chen, Biomedical Engineering Thomas Ying-jeh Chen, Environmental Engineering

Ka Ho Nicholas Cheung, **Biomedical Engineering** Michael R. Chickering, Biomedical Engineering Michelle Chyn, Biomedical Engineering Michael Goubeaux Clark, Biomedical Engineering Cameron H. Davis, Computer Science Rosalind Abra Dempsey, *Electrical Engineering* Josh William DiGiacomo, Chemical & Biomolecular Engineering Odysseas Drosos, Chemical & Biomolecular Engineering Andrew Allston Dykman, **Computer Engineering** Niki Taylor Entin, Mechanical Engineering Naomi Helen Ephraim, **Computer Science** Yunfan Fan, Biomedical Engineering Gehn D. Ferguson, Materials Science & Engineering Benjamin Bloch Finard, **Biomedical Engineering** Gabriela Frid, Biomedical Engineering Phanindra Gaddipati, Biomedical Engineering Kevin George, Biomedical Engineering Ruchi J. Gondalia, Computer Engineering David Jonathan Gorman, Mechanical Engineering Lucy Yiou Han, *Biomedical* Engineering Siswo Hartoyo, Chemical & Biomolecular Engineering Rachel Ann Hegeman, Mechanical Engineering Gwendolyn Ann Hoffmann, Materials Science & Engineering Devin C. Holladay, Mechanical Engineering Michael Frederick Howland, Mechanical Engineering

Tai-Ting Hsieh, Computer Science Han Huang, Biomedical Engineering Howard Wang Huang, Biomedical Engineering Jiawei Huang, Applied Mathematics and Statistics; **Computer Science** David Benjamin Hudak, Electrical Engineering Minjea Jo, Mechanical Engineering Stephen Johannes Johannesson, Biomedical Engineering Andrea A. Joseph, Chemical & Biomolecular Engineering Dmitriy Olegovich Kats, Mechanical Engineering Alexander William Kearns, Mechanical Engineering Benjamin David Keyser, Mechanical Engineering Chachrit Khunsriraksakul, Biomedical Engineering Barbara Hye-jung Kim, Biomedical Engineering Kangsan Kim, *Biomedical* Engineering Kyle Andrew Kirwan, Mechanical Engineering Grant Benjamin Kitchen, Biomedical Engineering Nicholas Scott Kruver. Chemical & Biomolecular Engineering Edward Paul Kunkel, Mechanical Engineering Ivan Andreevich Kuznetsov, Biomedical Engineering Inez Tsz Wa Lam, Biomedical Engineering Amina Lazrak, Chemical & Biomolecular Engineering Seung Wook Lee, Biomedical Engineering David Elliot Levi, Mechanical Engineering Jeffery Kai Li, Biomedical Engineering Hong Seo Lim, Biomedical Engineering Melissa Wanwei Lin, Biomedical

Bill Ling, Chemical & Biomolecular Engineering Meredith Leigh Lipp, Environmental Engineering Ran Liu, *Biomedical Engineering* Fong Shun Lo, Applied Mathematics and Statistics; Biomedical Engineering Michael Taylor Lombardo, Computer Engineering Sihao Lu, Computer Science Brooke Michele Mahoski, Biomedical Engineering Neil Rohit Mallinar, Computer Science Rohil Malpani, Biomedical Engineering Annie Mengjiu Mao, Biomedical Engineering Gwen Martin, *Civil Engineering* Clayton George Minicus, *Computer Engineering* Carrie H.C. Mok, *Environmental* Engineering Thomas Thien Duc Nguyen, Biomedical Engineering Arman Mohsen Nia, Materials Science & Engineering Schaffer Lee Ochstein, Biomedical Engineering Nicole Jennifer Ortega, Biomedical Engineering Zachary Owen Paine Sabin, Computer Science Priya S Parameswaran, Biomedical Engineering Sang Woo Park, Environmental Engineering Kunal Paresh Patel, Biomedical Engineering Nisu Patel, Biomedical Engineering Ruta B. Patel, Electrical Engineering Michael Sebastian Patti, Electrical Engineering Adrian Spector Pearl, Mechanical Engineering BaDoi Nguyen Phan, Biomedical Engineering Vittorio Romano Prati, Civil Engineering

Engineering

Patrick William Reilly, Mechanical Engineering Emily Mae Rencsok, Biomedical Engineering Neil Everett Rens, Biomedical Engineering Monica Sherrard Rex, Biomedical Engineering Michael Neal Saunders, Chemical & Biomolecular Engineering Yong Kai Saw, Environmental Engineering Brennan Michael Schneider, Biomedical Engineering Michael Thomas Shavit, Computer Science Xiaoyang Shen, Computer Engineering Mengli Shi, Environmental Engineering Daniel J. Shinn, Biomedical Engineering Yitzhak David Snow, Materials Science & Engineering Joanne Song, Biomedical Engineering Antonio E. Spina, Biomedical Engineering Mark Strapko, Civil Engineering Emily Yuharn Su, Biomedical Engineering Amy Tong Sun, Biomedical Engineering; Engineering **Mechanics** Adam Bradford Suppes, Chemical & Biomolecular Engineering Celine D. Sze, Environmental Engineering Edric Tam, Biomedical Engineering Matthijs Antoin Taselaar, Applied Mathematics and **Statistics** Kirk Dorian Trombley, Applied Mathematics and Statistics; **Computer Science** Brittany Chen-Jin Tsou, Materials Science & Engineering Nicholas Alexander Uebele, Biomedical Engineering

Mary Catherine Susan Wallace, Environmental Engineering Matthew Ryan Walmer, Biomedical Engineering Doran D. Walsten, Biomedical Engineering Ryan Michael Walter, Biomedical Engineering Huilei Wang, Biomedical Engineering Kaiyuan Wang, Biomedical Engineering John Alan Wells, Systems Engineering Benjamin David Wheeler, Biomedical Engineering Yuan Hao Wong, Biomedical Engineering Daniel Alexander Worstell, Biomedical Engineering Samantha Lynn Wright, Civil Engineering Tony Tsung Ling Wu, Biomedical Engineering Linda Xu, Computer Science Yu Xu, Biomedical Engineering Zixian Xun, Chemical & Biomolecular Engineering Dean Yacar, Environmental Engineering Jennifer Yang, Biomedical Engineering I Chae Ye, Chemical & Biomolecular Engineering Kevin Mark Yee, Electrical Engineering Max Edward Yelsky, Electrical Engineering Rachel Marie Yung, Biomedical Engineering Mozhi Zhang, Computer Science Yiguang Zhang, Applied Mathematics and Statistics; **Computer Science** Zhuo Zhang, Electrical Engineering Jennifer Zheng, Biomedical Engineering

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

Candidates for Degrees in Order of Presentation

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.

THE SCHOOL OF EDUCATION

Doctors of Education

- Jennifer Elizabeth Carinci, *Teacher Development.* Investigating Pre-Service Teachers' Competencies and Beliefs in Relation to Their Hiring Outcomes.
- Linda Zimmerer Carling, *Teacher Development*. A Comparison of a Team versus an Individual Approach to Learning in an Online Teacher Preparation Program.
- Yurong Chai, *Education*. Global Perspective Change: Developing a Collaborative Learning and Reflection Strategy in Executive Professional Development.
- Jaime True Daley, Special Education. From Para-Educators to Veteran Master Teachers: Evaluation of Special Educators' Perceived Experiences of School District and University Partnership Programs.
- Monica Hetrick, *Teacher Development*. A Study of School-Based Mentoring: An Examination of Supported vs. Nonsupported Mentors on Mentor Effectiveness and Early Career Teacher Outcomes.**
- Clara Saks Kenny, *Education*. Using Text Message Intervention to Promote Knowledge Retention of Functional Behavior Assessment Among Caregivers of Children with

Autism Spectrum Disorders in Low Socioeconomic Areas.

Christine M. King, Education. Borrowing from the Health Professions: Exploring the Feasibility of Using Interprofessional Education (IPE) in the Education and Public Health Sectors. Sunil K. Misra, Special Education. The Impact of Behavioral Methods on the **Comprehension of Idioms** by Children with High Functioning Autism and Asperger's Disorder. Sally A. Mitchell, *Education*. Instructional Design, Implementation Strategies, and Evaluation of ANES 525 Applied Anatomy for Anesthesia Practice: Transformation of a **Dissection-Based Basic** Science Course into a Technology and Clinically Based Anatomy Course for Anesthesiologist Assistant Students.

- Bess Allison Rose, *Teacher Development*. The Effect of School Mobility and Concurrent Changes on Students' Academic Performance.
- Benjamin D. Starr, *General.* Achievement and Representation of English Learners with Disabilities in Maryland Public Schools Grades Three through Six: Cross Sectional and Longitudinal Analyses.**

THE PEABODY CONSERVATORY

Doctors of Musical Arts

Andrew Haile Austin, Composition Christopher Guy Buchanan, Trumpet Andrei Alexandru Burdeti, Guitar Faye Chiao, Composition Hee-Youn Choue, Piano John Courtney Crouch, Composition Felix Christoph Hell, Organ Pei-Hsin Kao, Piano David Griffith Kelley, Organ Christine J. Kim, Piano Irene Sunyoung Kim, Piano Jung Yeon Kim, Organ Soyoung Kim, Piano Hsiao-Ying Lin, Piano Christina Ann Muncey, Wind Conducting Stefan Z. Petrov, Piano Jeffrey David Zeiders, Composition

THE SCHOOL OF NURSING

Doctors of Nursing Practice

- Anisha Shareen Abdul-Ali. Development of Clinical Decision Support (CDS) Guidelines: A Modified Delphi Study.
- Anita Catherine Bacher. Improved Identification of Heart Failure Patients at High Risk for Readmission During Hospitalization.
- Christina Maria Carsello. Very Low Birth Weight and Lactation: Decreasing Maternal and Environmental Barriers for Improved Infant Outcomes.
- Rebecca Ann Carson. Early Initiation of Treatment for Pediatric Patients with Acute Gastroenteritis in the Emergency Department.

- Amanda Brooke Choflet. Implementation of an Evidence-Based Strategy to Access and Manage Substance Use in Cancer Patients.
- Shannon Renee Clark. Early Diabetes Screening in Urgent Care: The Early Diabetes Detection Pathway.
- Sarah Elizabeth Clarke. Using a Clinical Decision Support System to Improve Heart Team Efficiency and Accuracy in a Transcatheter Aortic Valve Replacement (TAVR) Program.
- Joan Diamond. Immediate and Uninterrupted Skin to Skin Contact in the First Hour of Life.
- Bermesola M. Dyer. Addressing Leadership Competence and Development among Junior Officers in the United States Navy Nurse Corps-Reserves. Cynae Alonia Lillian
- Johnson. Understanding Distress in the Gynecologic Cancer Survivor: A Quality Improvement Project.
- Irene Ju-Eun Jung. Creating a Quiet Environment to Improve Patient and Staff Satisfaction.
- Sunghee Kim. Acute Pain Management in Adults with Sickle Cell Disease in an Urgent Care Center.
- Tracy Krauss. Evidence-Based Intervention to Mitigate Stress in Military Nurses.
- Brandi McClain. Feasibility of Short Message Service Medication Reminders to Improve Medication Adherence in Children and Adults with Sickle Cell Disease and Asthma.
- Jennifer Lynne Milesky. An Evaluation of Handoff Communication Practices on a Bone Marrow

Transplant, Oncology Critical Care Unit.

- Pamela Surla Milligan. Improving Assessment and Standardizing Care for Neonates on Non-invasive Respiratory Support to Prevent Iatrogenic Nasal Injuries
- Jessica Sikkema Peters. Care Coordination During Hospital Based Transitions in Care Following Critical Illness.
- Robin Lynette Pirtle. Evaluating the Feasibility of Implementing a Hospital to Home Transitional Care Program in Children with Medical Complexity.
- Carol Heiser Rosenberg. Becoming Parent and Nurse: Simulation in Parent Education for Central Line Infection Prevention at Home in Children With Cancer Using Simulation.
- Gail M. Schoolden. Improving Self-Care Post Emergency Department Discharge in the Pediatric Asthma Patient.
- Claire Anne Simeone. Integration of HIV Screening in Programs for the Treatment of Substance Use Disorders: Rapid HIV Testing as an Opportunity for Early Intervention.

Doctors of Philosophy

- Bryan Robert Hansen. Specific Aggressive Behaviors in Dementia: Prevalence and Caregiver Reactions.
- Kyounghae Kim. Mechanisms and Decision Making about Pap Test Use among Korean American Women.*
- Gyasi Moscou-Jackson. Examination of Sleep in Adults with Sickle Cell Disease.*

Janna Dee Stephens. Smartphone Technology to Combat Overweight and Obesity in Young Adults.* Jiayun Xu. Heart Failure Patient Decision Making Prior to Rehospitalization.*

BLOOMBERG SCHOOL OF PUBLIC HEALTH

Doctors of Public Health

- Hoon Byun, *Health Policy and Management*. Discharges Against Medical Advice: Associations with Selected Outcomes and the Role of Hospital-level Characteristics.
- Anselmo Chung, *Health Policy* and Management. Evaluating the Applicability and Sustainability of Lean Six Sigma Continuous Process Improvement Methodology to Improve Health Care Quality.**
- Kevin McCalmon Fain, *Epidemiology*. Assessing the Appropriateness of Opioid Prescribing in Elderly Nursing Home Residents.* Taufique Joarder, *International Health.* Understanding and Measuring Responsiveness of Human Resources for Health in Rural Bangladesh.** Olga Helena Joos,
- International Health. Evaluation of Data Quality Improvement Interventions Focusing on Pregnancy Outcome and Perinatal Mortality Documentation by Health Surveillance Assistants in the Salima and Balaka Districts of Malawi. Yoonjin Kang, Health Policy and Management. Predictors of Healthcare Outcomes at the Local Community Level: Variations in the Value of Healthcare Services under Korea's Universal Health Insurance System.*

- Hailun Liang, Health Policy and Management. The Impact of Patient-centered Care on Older Adults with Chronic Conditions.
 Yen-Ko Lin, Health Policy and Management. Informed Consent for Trauma Patients: An Experiment to Improve Taiwanese Patient Knowledge and Satisfaction after Informed Consent for Debridement of Complicated Wounds.**
- An-Chi Lu, *Health Policy and Management*. Co-Morbidity of Tuberculosis with Mood Disorder: Prevalence, Risk Factors, Incentives Effect and Tuberculosis Treatment Outcomes in Taiwan.*
- Susan Carney Lynch, *Health Policy and Management*. Examination of the Effect of Corporate Integrity Agreements on Skilled Nursing Facility Quality of Care, as Measured by Rates of Pressure Ulcers and Indwelling Catheter Use. Meredith Matone, *Population*,
- Family and Reproductive Health. Young Mothers with a History of Child Welfare Involvement: Maternal Health, Pregnancy Outcomes, and
- Maltreatment Perpetration. Diwakar Mohan, *International Health*. An Assessment of the State of Maternal Continuum of Care in Morogoro, Tanzania.*
- Claro Montesa Pio Roda Jr., *Health Policy and Management*. Enhanced Recovery After Surgery (ERAS) at the Johns Hopkins Hospital: Blazing a Pathway Toward Value.
- Rohit Ramchandani, International Health. Emulating Commercial, Private-sector Value-chains to Improve Access to ORS

and Zinc in Rural Zambia: Evaluation of the Colalife Trial.

- Timothy J. Roberton, International Health. The Performance of Community Health Workers in an Integrated Community Case Management Program in Burkina Faso.**
- Jacqueline R. Roche, *Health Policy and Management*. Marketplace Income Verification and the Affordable Care Act.
- Reena Sethi, International Health. The Measurement of the Quality of Maternal and Newborn Care in Malawi: Comparative Analyses of Health Worker Performance Measurement Methods and an Exploration of Evidence of Respectful Maternity Care.*
- Kerry Lee Shannon, International Health. Determinants of Malaria in the Chittagong Hill Districts of Bangladesh.
- Michelle Athryn Taylor, *Population, Family and Reproductive Health.* School Context Matters: An Exploration for an Association Between School Context and Early Adulthood Health Outcomes.**
- Shu-Yun Tu, *Health Policy and Management*. Preventive Screening Utilization in Nurses and in the General Population: A Taiwan Study.**
- Chung Wang, Health Policy and Management. Hospital Merger: A Case Study of Taipei City Hospital—Using a Mixed Method Approach to Examine the Effect of Inter-hospital Links and Employee Reactions on Quality of Health Care Services.**

- Dionne A. Williams, *Environmental Health Sciences*. Factors Associated with Use of Safetyengineered Needles and Hands-free Techniques: Current Practices among Operating Room Nurses.
- Yu-Wen Yang, *Health Policy and Management.* The Determinants and the Effects of Provider Continuity on Quality of Care, Clinical Outcomes and Healthcare Costs in Adult Diabetes Patients of Taiwan.

Doctors of Philosophy

- Anjali Acharya, *International Health*. Environmental Health and Child Survival in Nepal: Health Equity, Costeffectiveness, and Prioritysetting.*
- Emily Richards Adrion, *Health Policy and Management*. Health Plan Participation in the Medicare Managed Care Market.*
- Jessica Erin Atwell, International Health. Respiratory Syncytial Virus (RSV) Vaccines on the Horizon: Data to Inform Clinical Trials and Implementation.
- Patrick Anthony Baron, Environmental Health Sciences. An Integrative Methods Investigation of Microbial Food Safety and Risk Management in the Maryland Direct-market Poultry Supply Chain.*
- Caryn Nicole Bell, *Health, Behavior and Society.* "Hotspots" of Preventable Hospitalizations: The Role of Race, Racial Residential Segregation, and the Local Health Resources Environment.*

Meghan Ann Robinson

Bohren, *Population, Family and Reproductive Health.* "If I Did Not Slap You, You Would Not Have Given Birth to Your Baby": The Mistreatment of Women during Childbirth.

- Meredith Reilly Brantley, *Health, Behavior and Society.* Structural Vulnerability and HIV/STI Risk Behavior Among New Exotic Dancers in Baltimore, Maryland. Nadine Suzanne Budd,
- International Health. Evaluation of a Pricing and Communications Intervention with Food Wholesalers and Small Stores to Improve Supply and Demand of Healthier Foods in Baltimore City.
- Matthew David Burkey, *Clinical Investigation*. The Developmental Niche and Child Behavior Problems in Rural Nepal: Description and Implications for Definitions and Measurement.
- Rebecca Kramer Campbell, International Health. Environmental Enteric Dysfunction in Early Childhood: Bridging the Gap Between Diet and Stunting in a Randomized Trial of Complementary Food Supplementation in Rural Bangladesh.
- Michelle Colder Carras, *Mental Health*. Video Game Play, Social Interactions and Friendship Quality in Adolescents: A Latent Class Analysis.**
- Maria Augusta Carrasco, *Health, Behavior and Society.* No Estas Sola: Social Cohesion, HIV Stigma, and HIV/STI Prevention Among Female Sex Workers Living with HIV in Santo Domingo.
- Victoria Chau, Health, Behavior and Society.

Depressive Symptoms Among Foreign-born Chinese, Korean, and Vietnamese Americans: The Influence of Perceived Discrimination, Perceived Stress, and Perceived Social Support.

- Hongfan Chen, *Biochemistry and Molecular Biology*. Biochemical and Structural Characterization of Bacterial RNA-guided DNA Targeting Systems.
- Shaojie Chen, *Biostatistics*. Statistical Methods to Analyze Massive Highdimensional Neuroimaging Data.*
- Winnie Chia-hsuan Chi, *Health Policy and Management*. Individuals' Preferences for Decisionmaking and Experiences with Treatment Burden in the Context of Multimorbidity and Dementia Among Older Adults in the United States.
- Megan Anne Clarke, *Epidemiology*. Early-life Exposures and Adult Cancer Risk: A Life Course Approach to Cancer Prevention.
- Joseph Michael Collaco, *Epidemiology*. Temperature and Lung Function in Cystic Fibrosis.
- Daisy del Carmen Colón López, *Biochemistry and Molecular Biology*. Targeting the Role of Subtilisin-like Protease 2 for Inhibition of Erythrocyte Invasion by the Malaria Parasite, Plasmodium.
- Samantha Cukier, *Health, Behavior and Society.* The New Normal? An Examination of the Portrayal of Alcohol Use on TV Programs Popular Among Youth, 2002–2012.**
- Casey Marie Daniels, Biochemistry and Molecular

Biology. Characterization of the ADP-ribosylated Proteome by Mass Spectrometry.* Tyna Dao, *Environmental* Health Sciences. **TET1-Mediated** Hydroxymethylation and Airway Hyper-Responsiveness.** Pamela Jean Dopart, Environmental Health Sciences. Improving **Occupational Exposure** Estimates Through **Multiple Imputation** to Reduce Exposure Misclassification.**

Peter Charles Dumoulin, *Molecular Microbiology and Immunology*. Studies on Exoerythrocytic Development of Plasmodium falciparum *in vitro*: Detection and Isolation of Plasmodium Liver Stages in Analysis of Circumsporozoite Protein Antigen Processing.*

- Jessica L. Elf, *International Health*. A Case-control Study of Household Air Pollution and Tuberculosis in Women and Young Children in Urban India.
- Lauren Elizabeth Ellis, *Health Policy and Management*. Characterizing Patient Engagement in Research Funded by the Patientcentered Outcomes Research Institute and Exploring the Moral Importance of Patient Engagement in Research.* Trevor Ashton Ellison, *Health Policy and Management*.
- Economic Evaluation in Kidney Transplantation.** Diego Alejandro Espinosa, *Molecular Microbiology and Immunology*. Transgenic Rodent Malaria Parasites for the Evaluation of Protective Immunity Against Plasmodium falciparum.**

- Michael Anthony Estrella, *Biochemistry and Molecular Biology*. Nucleic Acid Degradation by the CRISPR Type III-B Complex.
- Aaron J. Fisher, *Biostatistics*. Methods for High Dimensional Analysis, Multiple Testing, and Visual Exploration.
- Desmond Dion Flagg, *Health Policy and Management*. Father Engagement, Residency Status and Child Well-Being Among Blacks and Hispanics in the United States.*
- Virginia Adair Fonner, International Health. It Takes Two: The Dyadic and Gendered Context of HIV Testing, Risk Assessment, and Partner Communication in Kisarawe, Tanzania.**
- Jean-Philippe Fortin, *Biostatistics*. Statistical Methods for Epigenetic Data and Structural Magnetic Resonance Imaging.
- Tsega Araya Gebreyesus, International Health. Tsinaat Nay Iyob Yihabena: Direct and Indirect Violence Faced by Eritrean Women Asylum Seekers.*
- Jonathan Evan Gellar, *Biostatistics*. Functional Regression Methods for Densely-sampled Biomarkers in the ICU.*
- Amy Loren Gross, *Epidemiology*. The Effect of Adiposity on Disease Outcomes in Women with Breast Cancer.**
- Yue Guan, *Health, Behavior* and Society. Disclosing Alzheimer's Genomic Risk to Family Accompanied Cognitively Impaired Patients.
- Stephanie Allison Guinosso, Population, Family and Reproductive Health. Multiple Adverse

Experiences and Child Cognitive Development.** Fang Han, *Biostatistics*. Largescale Nonparametric and Semiparametric Inference

for Large, Complex, and Noisy Datasets.*

Emily Edmunds Haroz, *Mental Health*. Depression Symptoms Across Settings: Development and Validation of the International Depression Symptom Scale.* Huan He, *Population*, *Family and Reproductive Health*. Preterm Birth and

Childhood Asthma: A Life-course Analysis in a Prospective Birth Cohort.** Hiwot Hiruy, *Clinical Investigation*. Utility of Quantitative Analysis in

- Drug Development and Optimization of Antiinfective Therapy. Andrea Hodgson, *Molecular*
- Microbiology and Microbiology. Interference Mechanisms of Attaching/ Effacing Pathogens with the Host Inflammatory Response.**
- Connie Hung-Lei Hoe, International Health. Understanding Political Priority Development for Public Health Issues in Turkey: Lessons from Tobacco Control and Road Safety.*
- Lei Huang, *Biostatistics*. Statistical Methods in High-Dimensional Structured Data.
- Aisha Fatima Jafri, International Health. Injuries and Socioeconomic Status in Iganga and Mayuge, Uganda: Inequities, Consequences and Impacts. Katherine Abowd Johnson,
- Health, Behavior and Society. Neighborhood Influences on Obesity Disparities in Early Childhood.

- Natapong Jupatanakul, *Molecular Microbiology and Immunology*. Molecular Characterization of Dengue Virus Host and Restriction Factors in *Aedes aegypti* Mosquitoes.
- Amanda Kalamar, *Population, Family and Reproductive Health*. Measuring the Complexity of Men's Fertility Preferences.**
- Jeremy Calvin Kane, *Mental Health*. Longitudinal Effects of Acculturation on Alcohol Use Among Vietnamese and Cambodian Immigrant Families in the United States.*
- Mufaro Kanyangarara, International Health. Epidemiology of Resurgent Malaria in Eastern Zimbabwe: Risk Factors, Spatio-temporal Patterns and Prospects for Regaining Malaria Control.**
- Christopher Norfleet Kaufmann, *Mental Health*. Sedative-hypnotic Prescribing in the United States from 1993 to 2010: Recent Trends and Outcomes.*
- Alene Elizabeth Kennedy Hendricks, *Health Policy and Management*. Framing, Stigma, and Policy Approaches to Addressing Prescription Opioid Addiction.*
- Melissa Anne King, *Health, Behavior and Society.* The Role of Organizational Context in the Implementation of Mental Health Services in Pediatric Primary Care: Concepts, Mechanisms, and Intervention.
- Naoko Kozuki, *International Health.* Epidemiology, Diagnosis, and Care-seeking Related to Risk Factors for Intrapartum-related Fetal

and Neonatal Death in Rural Nepal.

- Carleigh Beth Krubiner, Health Policy and Management. Which Strings Attached? Toward an Ethics Framework for Selecting Conditionalities in Conditional Cash Transfer Programs.*
- Lauren Marie Kucirka, *Epidemiology*. HIV and End-stage Renal Disease: Disparities and Opportunities to Improve Outcomes.*
- Jennifer Oi Yun Lam, International Health. Risk Factors for Oral HPV Persistence and HPVassociated Cancer.
- Hannah Lynn Lantos, *Population, Family and Reproductive Health.* Associations between Community Violence and Sexual Risk-taking in Baltimore and Johannesburg: An Analysis of Two Sites of the Wellbeing of Adolescents in Vulnerable Environments (WAVE) Study.**
- Angela Eunji Lee-Winn, *Mental Health*. Associations of Sociodemographic and Psychological Factors with Binge Eating Behavior in a Nationally Representative Sample of U.S. Adolescents.*
- Tamorah R. Lewis, *Clinical Investigation*. Opiates and Neonatal Abstinence Syndrome: Toward a Better Understanding of the Pharmacology.*
- Cissy Xiyou Li, *Environmental Health Sciences*. Candida albicans Superoxide Dismutase as Part of an Adaptive Response to Copper During Infection.** Nathachit Limjunyawong, *Environmental Health Sciences*. Pulmonary

*Degree conferred August 21, 2015 **Degree conferred December 30, 2015

Immune Environment Determines the Manifestation of Experimental Emphysema.* Meng Hsuan Lin, International Health. Stimulating Demand: An Assessment of the Conditional Cash Transfer Project in Afghanistan. Kristen Marie Little, *Epidemiology*. Evaluating the Impact of Strategies for Tuberculosis Prevention and Control in High-burden, Low-resource Settings: Data for Evidence-based Decision-making in Local Contexts.** Pia Maria Mauro, Mental Health. Mental Health and Peer Support Services Co-Located in Substance Use **Disorder Treatment Facilities** in the United States.* Meghan Dolan McGinty, Health Policy and Management. Evacuate or Shelter-in-Place? Decisionmaking for Hospitals during Hurricane Sandy. Amanda F. Mejia, Biostatistics.

Statistical Methods for Functional Magnetic Resonance Imaging Data.

Kyle Alan Metz, *Molecular Microbiology and Immunology*. The Clinical and Molecular Consequences of Mutations in Epilepsy Gene KCTD7.**

Sarah Sutherlin-McIvor Murray, *Mental Health*. Caregiver Mental Health and Child Physical Health in HIV-affected Families in Uganda.**

Liza Bronner Murrison, *Epidemiology*. An Evaluation of Private Sector Pathways to Diagnosis of Tuberculosis in Chennai, India.**

John Muschelli, *Biostatistics*. Computational Methods for Neuroimaging in R: Stroke Hemorrhage in X-ray Computed Tomography Scanning.

- Katherine Louise Musliner, *Mental Health*. Heterogeneity in Long-term Trajectories of Depression: A Review and Application of Group-based Trajectory Modeling.*
- Sabrina Jane Nolan, *Molecular Microbiology and Immunology*. Apicomplexan Parasite Interactions with Host Organelles: Recruitment, Lipid Scavenging, and Consequences.
- Esther Seunghee Oh, *Clinical Investigation*. Risk Factors of Postoperative Delirium after Hip Fracture Repair.
- Parichoy Pal Choudhury, *Biostatistics*. Statistical Inference with Multiple Data Sources.
- Margaret Mary Parker, *Epidemiology*. Exome Array Analysis of Pulmonary Function in Smokers With and Without Chronic Obstructive Pulmonary Disease (COPD).*
- Christina Marissa Parrinello, *Epidemiology*. The Epidemiology of Nontraditional Biomarkers of Hyperglycemia and their Prognostic Value.*
- Prasad Patil, *Biostatistics*. Assessing Reproducibility and Value in Genomic Signatures.
- Erin Elizabeth Pearson, *Population, Family and Reproductive Health.* Contraceptive Use Among Uterine Evacuation Clients in Bangladesh: The Role of Individual, Family, and Service Delivery Factors.* Suzanne Lee Pollard, *International Health.* Assessment of the Relationship between

Vitamin D Deficiency and Asthma Outcomes in Peruvian Children.** Jennifer Cohen Price, *Clinical Investigation*. The Effect of HAART on Liver Disease Progression in HIV Infection.*

- Huitong Qiu, *Biostatistics*. Statistical Methods and Theory for Analyzing High Dimensional Time Series.
- Andreea Monica Rawlings, *Epidemiology.* The Role of Diabetes, Glycemia, and Glucose Peaks in Cognitive Impairment and Dementia Among Community-dwelling Adults.
- Lawrence De Jarnette Reid, *Population, Family and Reproductive Health*. Neonatal Outcomes Related to School Readiness in an Urban Kindergarten Population.*
- Katherine Hays Reiter, *Biochemistry and Molecular Biology*. Characterizing SUMOylation in the Malaria Parasite, Plasmodium falciparum.*
- Natalie Gail Robinett, *Molecular Microbiology and Immunology*. Determining the Function of Plasmodium Hemolysin III and Discovery of Novel Antimalarial Drugs.**
- Sarah O'Conor Rodman, *Health Policy and Management.* Agricultural Exceptionalism in U.S. Policies and Policy Debates:
- A Mixed Methods Analysis. Robyn Dubrov Foreman Sagatov, *International Health*. Dietary Intake, Environmental Tobacco Smoke, Nutrient Biomarkers, and Chronic Disease Risk in United States Adolescents.**
- Ian Jude Saldanha, *Epidemiology*. Outcomes in Clinical Intervention

Specification, and Reporting.* Claudia Salzberg, *Health Policy and Management*. Does the Patient Centered Medical Home Improve the Care for the High Need, High Cost Population?** Kerry Elizabeth Scott, *International Health*. The Contexts and Complexities of Community Participation:

Research: Selection,

Strengthening Village Health, Sanitation, and Nutrition Committees in Rural North India.

Daniel Elliott Siconolfi, *Health, Behavior and Society.* Longitudinal Analyses of Mental Health in a Cohort of Emerging Adult Men Who Have Sex with Men.**

Molly MacMhathan Simmons, *Health Policy and Management*. The Integrated Disability Evaluation System: The Political Life Cycle of Health Policy from Concept to Evaluation.**

Samira Soleimanpour, *Population, Family and Reproductive Health*. The Connection between Elementary School Students' Mental Health Problems, Receipt of School-based Mental Health Services, and Socio-emotional and Academic Outcomes.

Thing Rinda Soong, *Epidemiology*. Evaluating the Association of Hormonal Contraceptive Use with HPV Detection in Pre-and Perimenopausal Women in the U.S.**

Pooja Sripad, *International Health.* Trust in Maternity Care: A Contextual Exploration of Meaning and Determinants in Peri-Urban Kenya.*

Elizabeth Anderson Steeves, International Health. The Role of Social Relationships in Diet Quality and Obesity among Urban, Low-Income, African-American Adolescents.*

- Tavitiya Sudjaritruk, *Epidemiology*. Bone Health and Vitamin D Status Among Perinatally HIVinfected Asian Children and Adolescents with Virological Suppression.
- Yifei Sun, *Biostatistics*. Statistical Methods for Recurrent Marker Process in the Presence of Terminal Events.*

Elizabeth Margaret Sweeney, *Biostatistics*. Statistical Methods for Analysis of Structural Magnetic Resonance Imaging in Patients with Multiple Sclerosis.

- Aracelis Z. Torres, *Epidemiology*. Evaluating Geographic Cancer Disparities in Baltimore City, Maryland.
- Stefanie A. Trop, *Molecular Microbiology and Immunology*. Plasmodium falciparum Circumsporozoite Protein: Target of Cellular Immunity against Traversed Hepatocytes and Naturally Induced Memory Responses.*
- Sarah Godby Vail, *Health, Behavior and Society.* Executive Function and Health Behavior.*
- Vijay Ramesh Varma, *Mental Health*. The Association between Physical Activity and Cognition: The Baltimore Experience Corps Trial.*
- Vidya Venugopal, *Epidemiology*. Association between Visual Acuity and Vision Related Quality of Life in Patients with Non-Infectious Uveitis.*

Elisa María Vidal Cárdenas, International Health. Asymptomatic P. vivax Malaria Burden and Naturally-acquired Humoral Response to PvMSP1-19 in a Low Endemic Malaria Area in the Peruvian Amazon Basin.

Manuela Villar Uribe, International Health. As Good as Doctors?: Taskshifting Primary Care to Non-physician Clinicians in Nigeria.

Shao-cheng Wang, *Mental Health*. Genetic Influences on Injection Drug Use.

Yenny Gabriela Webb Vargas, *Biostatistics*. Causal Inference Methods for Measurement Error and Mediation.*

Kari Ann Weber, *Epidemiology*. The Influence of *in utero* Maternal and Child Factors on Telomere Length and Possible Differences by Race: Clues to the Racial Disparity in Prostate Cancer. Alexandra Margaux

Alexandra Margaux Vaillancourt Wennberg, *Mental Health*. Blood Glucose Levels and Genetic Factors as Predictors of Neurocognitive Outcomes.* Amber Elizabeth Willink,

Health Policy and Management. Planning for the Future: Mid-life Demographic, Economic, Health, and Lifestyle Risk Factors Associated with Developing Disability and Using Long-term Care Among Older Adults.* Julia Alexandra Wolfson, Health Policy and Management. What's Cooking? A Mixed Methods Analysis of Cooking

Perceptions, Practices and the Implications for Food Policy. Susan Tung Yeh, *Health Policy and Management*. Essays on the Impact and Incentives of Federal Funding in Medicare and Medicaid.** Chen Yue, *Biostatistics*. Generalizations, Extensions and Applications for

and Applications for Principal Component Analysis.

THE PAUL H. NITZE SCHOOL OF ADVANCED INTERNATIONAL STUDIES

Doctors of Philosophy

Bulat Akhmetkarimov, *Russian* & *Eurasian Studies*. Islam and the Dynamics of Ethno-Confessional Regimes in Russia, 1990–2012.*

Marco Boggero, *African Studies*. State Choices in the Governance of Private Security Provision.

Yali Chen, *China Studies*. The PLA in China's Foreign and Security Policy-making: Drivers, Mechanisms, and Interaction.*

- Benjamin Noah Gedan, *Latin American Studies.* Understanding the Political Economy of Successful State-Owned Enterprise Management: A Case Study of the Panama Canal Authority.
- Taekyoon Kim, *Japan Studies*. Corporatist Governance and Path Dependence in the Making of Industrial Peace: A Historical Review on Japanese Corporatism.**
- Miyeon Oh, *International Relations*. Cross-Border Oil and Gas Pipelines: The Intersection of Politics, Geography, and Energy Markets.**
- Rachel Sarah Salzman, *Russian & Eurasian Studies*. BRICS in Russian Foreign Policy Before and After

the Onset of the Crisis in Ukraine.

Marco Zambotti, *European Studies*. Questioning Europe's Transformative Power: The EU in Bosnia and Herzegovina and Kosovo.**

THE SCHOOL OF MEDICINE

Doctors of Medicine

Nicholas Brian Abt Nathaniel David Bales Benjamin Robert Marshall Bautz Robin T. Bigelow Allison Sarah Brandt Morgan Carol Broccoli Bryn Marie Carroll Janet Seolin Choi Kevin James Contrera Zachary Allen Cordner **Kevin Michael Curtiss** Daniel Damtew Michael George Daniel Eric Jonathan Dein Taylor Tonia DesRosiers Jacob Klein Dey Samuel Joseph Enumah Charles Brandon Farmer Norma Elizabeth Farrow Laurette Prisca Femnou Mbuntum José Miguel Flores Michael Bonner Foote Shekhar Kishor Gadkaree Alicia Diane Gaidry Elizabeth Eileen Gerber Fiona Elizabeth Gispen Katherine Ann Giuliano Mikhail Mikhailovich Gorbounov Andrew Joe Man Halls Kelly Therese Harris Mark Richard Helmers Mac Henry Tiffany Fay Ho Ronald Warren Hoard II Megan Meah Hosein Rupert Kai Pong Hung Minh-Huy Le Huynh

Benjamin John Janson Liwei Jiang Nikhil Jiwrajka Rebecca Marie Johnson-Paben Bilal Ibrahim Khan Mohamed Hassan Khattab Iennifer E. Kim Joseph Jeffrey Klembczyk Ryan Paul Lange Abby Christine Larson Shin Rong Lee Dinah Applewhite Lewis Alexander Leyva Joseph Alan Lin Rhianon Liu Tatyana Lyapustina Juliana Macri **Tyler Edward Mains** Stephanie Eileen McLaughlin Arielle Janine Medford Nicky Jayna Mehtani Alexandra Marie Miller Devin Thaddeus Miller Emily Kristine Miller Meaghan O'Malley Morris Patrick Connor Mullane Juan Pablo Muñoz Suresh Kevin Nayar Megan Sue Orlando Mira Ashok Patel Lynn Adamma Pauls James Christopher Pendleton Brent Clifford Pottenger Maxine Amber Pottenger Katharine Rose Press Brooks Nathaniel Amos Puchner Varun Puvanesarajah Ji Qi Jesse Raia Qualliotine Alim Faridali Ramji Karthik Takkellapati Rao Adi Rattner Julia Nardi Riddle Alexandra Danae Robison Evan Andrew Rusoja Jacob N. Sama Maame Efua Sakyiwah Sampah Eric Weston Sankey Ankita Saxena

Jessica Hadley Selter Harita Shah Nathaniel Erez Shalom Eliah Ruth Shamir Kevin Shenderov Ryan Yoshimura Shields Sonal Sodha Jeremy Adam Tanner Sepehr Saber Tehrani Joshua DiGennaro Trebach Ruben Danilo Troncoso Jr. Harrison Kwei Tsai Alan Fremder Utria Pavan Anil Vaswani Brian Wilson Waldersen Joanna Yi Wang Yu Tung Wang Zhikui Wei Mark Vern Wilcox Jennifer Yeh Jonathan C. Yeh Angela M. Zeng Mingjuan Lisa Zhang Jiawei Zhao Giselle Zaborowski Zornberg

Doctors of Philosophy

- Rahul Agarwal, *Biomedical Engineering.* Novel Non-Parametric Methods for Uncovering Structure in Data: Estimation of Place and Grid Cell Fields.** Atinuke Seun Ajiboye, *Pharmacology and Molecular Sciences.* The Androgen Receptor Splice Variant, ARV7, in Castration-Resistant Prostate Cancer: Molecular Origins, Biphasic Growth Regulation, and Resistance.
- Jennifer Dorothy Albertz, *Cellular and Molecular Medicine*. The Effects of Voluntary Exercise on a Rodent Model of Binge Eating.**
- Victoria Kate Baxter, *Cellular* and Molecular Medicine. Immunopathogenesis and Control of Sindbis Virus in

the Central Nervous System **During Nonfatal Alphavirus** Encephalomyelitis. Joseph Lewis Bedont, *Neuroscience*. The Role of Lim Homeodomain Transcription Factor 1 in Suprachiasmatic Nucleus Development and Circadian Function. Joel Samuel Benjamin, Human Genetics and Molecular Biology. Kabuki Syndrome: **Reversing Intellectual** Disability by Promoting Open Chromatin. Emily Anne Smith Bergbower, Cellular and Molecular Medicine. The CFTR-Associated Ligand (CAL) Arrests the Trafficking

- Arrests the Trafficking of the Mutant deltaF508 CFTR Channel in the ER Contributing to Cystic Fibrosis.**
- Matthew David Brennan, *Biomedical Engineering.* Diverse Sources of Noise in Biological Systems.
- Jessica Ann Cades, *Pharmacology and Molecular Sciences*. Modeling Epithelial–Mesenchymal Transition-Induced Erlotinib Resistance in Non-Small Cell Lung Cancer.
- Dean Paul Campbell, Biochemistry, Cellular and Molecular Biology Training Program—Neuroscience. Notch Signaling Is Critical for the Development and Survival of Mammalian Auditory Supporting Cells.**
- Diana Paola Castiblanco, *Molecular Biology and Genetics—Program in Immunology*. TLR7 Regulates Selection of Germinal Center B Cells and Augments the Generation of Mutated B Memory During the Primary Response. Jemin Chae, *Biomedical Engineering*. Investigation

of Biomaterials-Based Strategies for Corneal Reconstruction.

- Iris Chen, *Cellular and Molecular Medicine*. HIV Drug Resistance, Tropism, and Genetic Diversity in Black Men Who Have Sex with Men.
- Ying Cheng, *Biomedical Engineering*. Development of MRI Techniques for Measuring Cerebral Blood Volume, Blood Flow, and Blood Oxygenation within a Single Scan.**
- Yoonju Cho, *Biomedical Engineering*. Tactile Perception of Three-Dimensional Shapes.**
- Carla Hee Coltharp, *Program in Molecular Biophysics*. Investigating the Mechanism of Bacterial Cell Division with Superresolution Microscopy.**
- Zachary Allen Cordner, *Cellular and Molecular Medicine.* Modeling the Effects of Stress on Risk for Psychiatric Disorders.
- Tara Theresa Doucet-O'Hare, *Human Genetics and Molecular Biology*. Somatic Variation and Genomic Instability Generated by Retrotransposons.
- Jefferson James Doyle, *Cellular and Molecular Medicine*. Elucidation of the Pathogenesis of TGF-β Vasculopathies Identifies Novel Therapeutic Strategies.**
- Erica Christine Dresselhaus, Biochemistry, Cellular and Molecular Biology Training Program—Biological Chemistry. Enrichment and Function of the NF-kappaB Transcription Factor Subunit, p65, at Dendritic Spines.

Nicole Elizabeth Eckart, *Human Genetics and Molecular Biology*. Functional Characterization of Schizophrenia-Associated Variation in *CACNA1C*.

Ting Feng, *Neuroscience*. Neural Mechanisms of Hippocampal Place Cell Sequences.

Matthew Stephen Fifer, *Biomedical Engineering.* Mapping Sensorimotor Function and Controlling Upper Limb Neuroprosthetics with Electrocorticography.**

- Abby Larraine Geis, *Molecular Biology and Genetics— Program in Immunology.* Regulatory T Cells Promote IL-17-Dependent Carcinogenic Immunity to Enterotoxigenic Bacteroides fragilis.**
- Elizabeth Eileen Gerber, Human Genetics and Molecular Biology. Mouse Models of Congenital Scleroderma Reveal Novel Therapeutic Strategies for Skin Fibrosis.
- Erin Jennifer Golden, *Neuroscience*. The LIN28B/ *let-7* Axis Regulates Developmental Timing in the Mammalian Cochlear Epithelium.**

Laura Bess Gottschalk, *Cellular and Molecular Medicine*. Creation and Characterization of an Airway Epithelial Cell Line for Stable Expression and Drug Testing of CFTR Variants.

Evelyn Emma Gurule, *Pharmacology and Molecular Sciences*. Residual Viremia, Cure Strategies, and Tissue Reservoirs in Human Immunodeficiency Virus Type 1 Infection.** Benjamin David Haeffele, *Biomedical Engineering*. Global Optimality in Representation Learning. Corinne Hamblet, *Molecular Biology and Genetics— Program in Immunology.* The Intramembrane Aspartyl Protease SPPL3 Regulates Natural Killer Cell Maturation.

- Caitlin Hanlon, *Biochemistry*, *Cellular and Molecular Biology Training Program—Cell Biology*. Characterization of Two G-Protein Coupled Receptors and One Fox Transcription Factor in Drosophila Embryonic Development.**
- Audrey Marie Hendley, *Human Genetics and Molecular Biology*. Adherens Junctions Organize the Pancreatic Developmental Program and Manage the Evolution of Neoplastic Epithelium.
- Andres Hernandez, *Biomedical Engineering.* Characterization of Nudix Hydrolases: A Utilitarian Superfamily of Enzymes.**
- Megan Anne Holmes, *Functional Anatomy and Evolution.* Development and Functional Influences on Covariance in the Mandible.**
- Nina N. Hosmane, *Cellular and Molecular Medicine*. A Novel *in vitro* Assay to Measure Stochastic Reactivation of HIV-1 from Resting CD4+ T Cells: Implications for Measuring the Size of the Latent Reservoir in Infected Patients.
- Iraj Hosseini, *Biomedical Engineering.* Molecular-Detailed Computational Tools to Study HIV Pathogenesis Design and Anti-HIV Stem Cell Therapies.**

- Annie Lee Hsieh, *Pathobiology*. Oncogenic *MYC* Disrupts the Molecular Clock and Metabolism in Cancer Cells and Drosophila.
- Ping Hu, *Biological Chemistry*. The Crosstalk Between O-GlcNAcylation and Phosphorylation in Insulin Signaling.
- Robert Joseph Huebner, Biochemistry, Cellular and Molecular Biology Training Program—Cell Biology. Cellular and Molecular Foundations of Mammary Branching Morphogenesis.**
- Ben Pen Jui Hung, *Biomedical Engineering*. Toward a Novel Tissue Engineering Method for Repairing Critically Sized Craniofacial Bone Defects.
- Taeyoung Hwang, *Biomedical Engineering*. Dynamic Regulation of RNA Editing in Human Brain Development and Disease.
- Namyoung Jung, *Cellular and Molecular Medicine*. Epigenetic Basis of Stem Cell Identity in Normal and Malignant Hematopoietic Development.**
- Kevin Kahn, *Biomedical Engineering*. Lucky Rhythms in Orbitofrontal Cortex Bias Gambling Decisions in Humans.
- Matthew Spencer Donald Kerr, *Biomedical Engineering*. The Role of Associative Cortices and Hippocampus During Movement Perturbations.
- Dewey June Kim, *Biomedical Engineering*. High-Throughput Detection, Annotation, and Interpretation of Genomic Variants Using Next-Generation Sequencing Data.
- Elizabeth Anne Kolar, Biochemistry, Cellular and Molecular Biology Training

Program—Biological Chemistry. Effects of ACSVL3 Knockout on Lipid and Glucose Metabolism in Malignant Glioma Cells.

- Eleftheria Koropouli, *Neuroscience*. Class 3 Secreted Semaphorin Regulation of Neuronal Morphology During Central Nervous System Development.
- Kellin Daniel Krick, *Biomedical Engineering*. Neurotrophic Factor Gradient Generation for 2D and 3D *in vitro* and *in vivo* Neuronal and Schwann Cell Guidance.
- Karl Olof Lagerlöf, Biochemistry, Cellular and Molecular Biology Training Program—Neuroscience. On the Regulation of Excitatory Synapses and Feeding Behavior by O-GlcNAc Transferase.
- Gregory Michael Laird, *Cellular and Molecular Medicine*. Targeting the HIV-1 Latent Reservoir for Eradication Using Small Molecules.**
- Han Gil Lee, *Biological Chemistry*. Mammalian ATP Synthase: Novel Insights into the Roles of Its Supernumerary Subunits.**
- Shin Rong Lee, *Biomedical Engineering*. Ca²⁺-Dependent Facilitation of Ca_v2.1 and Flow Cytometric FRET-a Quantitative, Model-Based Approach.
- Sungyul Lee, *Pathobiology*. Structural and Functional Characterization of Noncoding RNAs in Mammalian Cells.
- Seth Stein LeJacq, *History* of *Medicine*. Run Afoul: Sodomy, Masculinity, and the Body in the Georgian Royal Navy.

- Wan Yee Leong, *Pathobiology*. Tyrosine Phosphorylation of the RUNX1 Transcription Factor by SRC Kinase Activates C/EBP-alpha in Granulopoiesis.
- Weiqiang Li, *Biochemistry, Cellular and Molecular Biology Training Program— Neuroscience.* Investigating the Biochemical Properties of SID-1 and Insulin Receptor.
- Yijie Li, Biochemistry, Cellular and Molecular Biology Training Program—Cell Biology. Hormonal Regulation, Histone Regulation, and Transcriptional Profiling of Stem Cells in the Drosophila Testis.
- Zhe Li, *Biochemistry*, *Cellular and Molecular Biology Training Program*— *Neuroscience*. Allosteric Modulator of Mas-Related G-Protein Coupled Receptor X1 (MrgprX1) Inhibits Persistent Pain.
- Chih-Chun Lin, *Neuroscience*. A Study of the Transduction Current of Vertebrate Olfactory Neurons.**
- Chun-Chieh Lin, *Neuroscience*. Pheromonal Signaling and Trans-Synaptic Tracing in Drosophila.**
- Chang Liu, *Neuroscience*. Characterization of the Unmyelinated Type II Afferents as Cochlear Nociceptors.
- Andrew Long, *Biomedical Engineering*. Learning to Place One Foot in Front of the Other: Investigation of Action and Perception in Human Split-Belt Walking.
- Ya-Wen Lu, Biochemistry, Cellular and Molecular Biology Training Program— Physiology. A Biochemical

and Cell Biological Characterization of TAFAZZIN in a Novel Barth Syndrome Cell Model. Teresa Romeo Luperchio, *Biochemistry, Cellular and Molecular Biology Training Program—Biological Chemistry.* The Role of Lamin Associated Domains in Global Chromatin Organization and Nuclear Architecture. Qing Ma, *Biochemistry, Cellular and Molecular*

- Biology Training Program—Cell Biology. Sex Maintenance and Hormonal Regulation of Adult Somatic Stem Cells in the Drosophila Testis and Ovary.**
- deMauri Scott Mackie, *Cellular and Molecular Medicine*. Modulation of Antigen Receptor and Oncogenic Signaling to NF-kappaB by C9ORF9.
- Lisa Michelle Mangus, *Cellular and Molecular Medicine*. Investigating the Pathogenesis of HIV-Associated Sensory Neuropathy in the SIV-Macaque Model.
- Daniel Roe Marous, *Pharmacology and Molecular Sciences*. Radical SAM Enzymes in Thienamycin Biosynthesis.
- Jacqueline Melle McCabe, Biochemistry, Cellular and Molecular Biology Training Program—Biophysics and Biophysical Chemistry. General and Specific Receptor Tyrosine Kinase Signaling Mechanisms Revealed by Analysis of Chimeric EGFR and IR Family Receptors.**
- Christopher John Mitchell, Biochemistry, Cellular and Molecular Biology Training Program—Biological

Chemistry. A New Framework for Quantitative Mass Spectrometry Data Analysis and Its Application to Discovery Based Proteomics in C. elegans.

- Meaghan O'Malley Morris, Biochemistry, Cellular and Molecular Biology Training Program—Biological Chemistry. Investigation into the Functional Roles of Tau and Apha-Synuclein in Neurodegenerative Disease.
- Adam Landes Moyer, *Cellular and Molecular Medicine*. Mammalian *Mss51* Is a Newly Described, Skeletal Muscle-Specific Gene.
- Tri Minh Ngo, *Biomedical Engineering*. Reconstruction Tools and Techniques for Highly Accelerated MRI.
- Ha Nam Nguyen, *Cellular and Molecular Medicine*. Modeling Psychiatric Disorders Using Patient-Derived Induced Pluripotent Stem Cells.**
- Kim-Vy Nguyen-Ngoc, Biochemistry, Cellular and Molecular Biology Training Program—Cell Biology. Novel Roles of Extracellular Matrix and Non-Muscle Myosin II in Regulating Epithelial Migration and Proliferation.**
- Ouma Onguka, Biochemistry, Cellular and Molecular Biology Training Program— Physiology. The Cell Biology and Biogenesis of Phosphatidylserine Decarboxylase 1 in S. cerevisiae.
- Sarah Mills Pedersen, *Cellular and Molecular Medicine*. Negative Regulation of CARD11 Signaling and Lymphoma Cell Survival by the E3 Ubiquitin Ligase RNF181.
- Sarah Elisabeth Pekny, *Biomedical Engineering*. The

Role of Reinforcement and Contextual Cues in the Acquisition and Expression of Motor Memories.**

- Vesselin Ruslanov Penchev, *Cellular and Molecular Medicine*. Regulation of Cancer Stem Cell Functions by Actin Filament Dynamics.
- Xuan Pham, *Human Genetics and Molecular Biology*. DPYSL2 and mTOR Signaling in Schizophrenia. Weijie Poh, *Pathobiology*.
 - Consequences of *BRCA1* Epigenetic Silencing on Homologous Recombination and Disease Progression in Myeloid Neoplasms.**
- Jennifer Lyn Poitras, *Human Genetics and Molecular Biology. Dnmt3a* Deletion Cooperates with the *Flt3-ITD* Mutation to Drive Leukemogenesis in a Murine Model.**
- Alicia Puglionesi, *History of Medicine*. The Astonishment of Experience: Americans and Psychical Research, 1860–1935.**
- Lily Lambert Raines, Biochemistry, Cellular and Molecular Biology Training Program—Biophysics and Biophysical Chemistry. Using Biochemical and Structural Approaches to Study EGFRfamily Heterodimers.
- Justin Kyle Rivest, *History* of Medicine. Secret Remedies and the Rise of Pharmaceutical Monopolies in France During the First Global Age.
- Agnieszka Anna Rucki, *Cellular and Molecular Medicine*. Annexin A2 and Its Associated Signaling Pathways That Promote Pancreatic Cancer Metastases.
- Kaitlyn Noelle Sadtler, Cellular and Molecular

Medicine. TH2 T Cells are Required for Biomaterial-Mediated Functional Muscle Regeneration.

Janna Victorovna Serbo, *Biomedical Engineering*. Engineering Three-Dimensional Models of Microtissue Development.

Sagar Ramesh Shah, *Biomedical Engineering.* Delineating YAP-Driven Networks in Cancer.

- Eliah Ruth Shamir, Biochemistry, Cellular and Molecular Biology Training Program—Cell Biology. Molecular and Cellular Regulation of Mammary Epithelial Dissemination.
- Dong Jin Shin, *Biomedical Engineering*. Droplet Magnetofluidic Technology for the Delivery of Molecular Diagnostics at the Point of Care.
- Jaehoon Shin, *Cellular and Molecular Medicine*. Single-Cell RNA Sequencing with Waterfall Reveals Molecular Cascades Underlying Adult Hippocampal Neurogenesis.
- Anna Sliva, *Human Genetics and Molecular Biology*. Barcode Sequencing Screen Identifies *SUB1* as a Novel Regulator of Yeast Pheromone Inducible Genes.
- Valentin Mikhaylovich Sluch, Biochemistry, Cellular and Molecular Biology Training Program—Molecular Biology and Genetics. In vitro Generation of Human Retinal Ganglion Cells via Direct Conversion and Stem Cell Differentiation.
- Cory James Smith, *Human Genetics and Molecular Biology*. Precise Genome Editing Human Stem Cells for Functional Interrogation of Genetic Variation.**

Ryan J. Smith, *Biomedical Engineering*. Encoding of Motor Behaviors by Cortical Neuronal Networks. Han Sun, *Cellular and Molecular Medicine*. Development of Antibody

Modulators for an Oncogenic Potassium Channel.

- Wei Wen Teo, *Pathobiology*. HOXA5, A Cell Fate Transition Regulator, Impedes Tumor Initiation and Progression in Breast Cancer.
- Jessica Irene Tilghman, *Neuroscience*. Kruppel-Like Factor 9 Inhibits Glioblastoma Stemness Through Global Transcription Repression and Inhibition of Integrin Alpha 6 and CD151.**
- Alyssa Maria Ayano Toda, *Neuroscience*. Regulation of GluA1 Phosphorylation by the Neuropeptide PACAP38.**
- Shadi Toghi Eshghi, *Biomedical Engineering*. Experimental and Computational Methods for Exploring the Glycome and Glycoproteome.
- Natalie Katherine Trzcinski, *Neuroscience*. Mechanisms and Perceptual Consequences of Experience-Dependent
- Somatosensory Plasticity. Yung-Sheng Melody Tsui, *Pharmacology and Molecular Sciences*. Distinct Roles for
- DNMT1 in Modulating the Cancer Epigenome. Pavan Anil Vaswani,
- *Neuroscience*. Action Selection in Motor Control: Error, Reward, and Time.
- Alejandro Vazquez, *Biomedical Engineering*. Learning of Action and Perception in Walking.**

- Christa Leanne Wagner, *Cellular and Molecular Medicine*. Short Telomeres and Their Role in T Cell Immunodeficiency and Immune Aging.
- Han Chin Wang, *Neuroscience*. The Molecular Mechanisms Controlling Spontaneous Activity in the Developing Cochlea.**
- Christopher August Weier, *Cellular and Molecular Medicine*. Nucleotide Resolution Analysis of Recurrent Rearrangements in Prostate Cancer and Their Utility in Defining Clonal Disease Progression.**
- Hoku Kahele West-Foyle, Biochemistry, Cellular and Molecular Biology Training Program—Cell Biology. Regulation of Non-Muscle Myosin II.
- John-Michael Eric Williford, Biomedical Engineering. Engineering of Polymer/DNA Nanoparticles to Improve Gene Delivery Efficiency in vivo.**
- Kathryn Suzanne Winglee, *Cellular and Molecular Medicine*. Genomic Insights into Mycobacterium tuberculosis and Its Interaction with the Microbiota.**
- Xianrong Wong, Biochemistry, Cellular and Molecular Biology Training Program— Biological Chemistry. The Role of A Type Lamins in Genome Organization.
- Robert Benjamin Yaffe, *Biomedical Engineering*. Spatiotemporal Dynamics of Neural Reinstatement During Paired Associates Memory.
- Jessica R. Yang, *Pharmacology* and Molecular Sciences. Spatiotemporal Regulation of cAMP/PKA Signaling in Cellular Processes.**

- Zhou Yu, *Neuroscience*. Diverse Synaptic Mechanisms Underlying the Processing of Peripheral Vestibular Information in Mammals.
- Wing Sze Wendy Yue, Biochemistry, Cellular and Molecular Biology Training Program—Neuroscience. Visual Pigments and Light Detection in the Eye.
- Muhammad Saddiq Zahari, *Biological Chemistry*. Global Analysis of the PI3K Signaling Pathway.
- Helena Claire Zec, *Biomedical Engineering*. Development of Microfluidic Platforms as a Tool for High-Throughput Biomarker Screening.
- Clark Anjie Zhang, *Biomedical Engineering*. Local Delivery of Therapeutic Nanoparticles for Treatment of Malignant Glioma.
- Yuanfan Zhang, *Cellular and Molecular Medicine*. Therapeutic Development for Facioscapulohumeral Muscular Dystrophy Utilizing a Novel Human Skeletal Muscle Xenograft Model.
- Yulian Zhou, Biochemistry, Cellular and Molecular Biology Training Program— Molecular Biology and Genetics. Gpr124 Is a Novel Co-Activator of Canonical Wnt Signaling.**

THE G.W.C. WHITING SCHOOL OF ENGINEERING

Doctors of Philosophy

Martin Kendal Ackerman, *Mechanical Engineering.* Design and Calibration of Robotic Systems with Applications in Cooperative Repair and Ultrasound Calibration.

- Narges Ahmidi, *Computer Science*. Activity Detection and Skill Assessment for Dexterous Motions in Robotic and Minimally-Invasive Surgery.*
- Ivie Aifuwa, *Chemical and Biomolecular Engineering*. The Role of the Aging Microenvironment on Cancer Cell Functions.
- Coleman Neff Alleman, *Civil Engineering*. Distribution of Enhanced Methods of Homogenization for Heterogeneous Materials and Multi-scale Crystal Plasticity Modeling.**
- Nicholas Oliver Andrews, *Computer Science*. Generative Non-Markov Models for Information Extraction.
- Mustafa Mert Ankarali, *Mechanical Engineering.* Variability, Symmetry, and Dynamics in Human Rhythmic Motor Control.*
- Sebastian Felipe Barreto Ortiz, *Chemical and Biomolecular Engineering*. Engineering Perfusable Microvascular Structures with Cell and ECM Organization Recapitulating Native Vasculature.
- Jean Carlos Batista Abreu, *Civil Engineering*. Fire Performance of Cold-Formed Steel Walls.**
- Graham Charles Beck, *Applied Mathematics and Statistics*. Planar Homography Estimation from Traffic Streams via Energy Functional Minimization.
- Kalpana Besar, *Materials Science and Engineering*. Organic Semiconductor Devices for Chemical Sensing and Bio Interfaces.
- Seth Daniel Billings, *Computer Science*. Probabilistic Featurebased Registration for Interventional Medicine.**

Yuan Cao, Electrical and Computer Engineering. Geometric Approaches to Discriminative Training. Anya Redwing Castillo, Geography and Environmental Engineering. Essays on the ACOPF Problem: Formulations, Approximations, and Applications in the Electricity Markets. Jiahao Cheng, Civil Engineering. Crystal Plasticity FE Model for Predicting Deformation and Twinning in Polycrystalline Magnesium Alloys. Minh Duc Dao, *Electrical* and Computer Engineering. Structured Sparse Representation with Low-Rank Interference.* Suman Dasgupta, Mechanical *Engineering*. Tailoring the Mechanical Behavior of Nanocrystaline Thin Films With Alloying and Heat Treatments. Charlene Myriah Dawidczyk, Materials Science and Engineering. Evaluation of the Relationship Between

- Pharmacokinetics and Tumor Accumulation of Liposomal Doxorubicin.** Neha Ravi Dixit, *Mechanical Engineering*. A Mechanism Based Investigation of the Dynamic Behavior of Pure Magnesium.*
- Michael Scott Doerrie, *Computer Science*. Confidence in Confinement: An Axiom-Free, Mechanized Verification of Confinement in Capability-Based Systems.*
- Donglei Fan, *Electrical and Computer Engineering*. State Estimation and Observability of Systems Over Finite Alphabets. Tao Feng, *Electrical and Computer Engineering*.

4D Image Reconstruction with Dual Respiratory and Cardiac Motion Correction for Cardiac PET.** Matthew Robert Gormley,

- *Computer Science*. Graphical Models with Structured Factors, Neural Factors, and Approximation-Aware Training.**
- Paul Andrew Gramlich, *Chemical and Biomolecular Engineering*. Design, Development, and Delivery of Novel Recombinant Proteins for Neuron-Targeted Therapy and Neuronal Differentiation.*
- Kelleher Riccio Guerin, *Computer Science*. Methods for Improved Human Interaction with Robotic Systems.*
- Neil Forest Hallonquist, Applied Mathematics and Statistics. Random Graph Modeling and Discovery.**
- Xingchi He, *Mechanical Engineering*. Force Sensing Augmented Robotic Assistance for Retinal Microsurgery.**
- Ahmed Mostafa Hussein, *Mechanical Engineering*. Dislocation Microstructure and Surface Roughness Evolution in Single and Multi-Phase Microcrystals.**
- Robert Matthew Ireland, *Materials Science and Engineering*. Electrostatic Fields in Hybrid Heterojunctions: Field-Effect Transistor, Topological Insulator, and Thermoelectronic Application.
- Ehsan Jahangiri, *Electrical and Computer Engineering.* On Efficient Bayesian Scene Interpretation.
- Amod Suhas Jog, *Computer Science*. Image Synthesis in Magnetic Resonance Neuroimaging.

- Min Yang Jung, *Computer Science*. State-based Safety of Component-based Medical and Surgical Robot Systems.*
- Hyun Jae Kang, *Computer Science*. Medical Ultrasound Imaging and Interventional Component (MUSiiC) Framework for Advanced Ultrasound Image-Guided Therapy.**
- Kalin Nikolaev Kanov, *Computer Science*. Efficient Evaluation of Data-intensive Batch-Queries in Open Simulation Laboratories.*
- Sarita Koride, *Chemical and Biomolecular Engineering.* Mechanochemical Models for Collective Cell Motility.
- Amit Kumar, *Chemical and Biomolecular Engineering*. Understanding Physiology of Diseases and Cell Lines Using OMICS Based Approaches.*
- Jessica Anne Lawson, Geography and Environmental Engineering. Influences of Biological and Physical Heterogeneities on Microbial Transport Through Porous Media.**
- Jiazhen Leng, *Civil Engineering*. Simulation of Cold-Formed Steel Structures.**
- Bo Liu, *Applied Mathematics and Statistics*. Energy Commodity Price Analysis and Trading Strategies. Lye Lin Lock, *Chemical and Biomolecular*
- *Engineering*. Peptidebased Supramolecular Nanostructures for Cancer Diagnostics and Therapeutics.**
- Aman Luthra, *Geography and Environmental Engineering.* Modernity's Garbage: Struggles Over Municipal Solid Waste in Urban India.**

Mahmoud Mohamed Mahmoud, *Computer Science*. Methods for Medical Image Retrieval and Management Using De-Duplicated DICOM Formats.

Paul Daniel Martin, *Computer Science*. Securing Medical Devices and Protecting Patient Privacy in the Technological Age of Healthcare.

Russell Andrew Martin, *Materials Science and Engineering*. Nanofiberbased Tissue Engineering Scaffolds for Repairing Injured Nerves and Soft Tissues.**

Jason Matterer, *Applied Mathematics and Statistics*. QuickSelect Process and QuickVal Residual Convergence.**

Ian Daniel McCue, Materials Science and Engineering. Frontiers of De-alloying —Novel Processing for Advanced Materials.**

Barbara Jessica Murienne, *Mechanical Engineering*. Glycosaminoglycan Contribution to the Structure-Mechanical Properties of the Posterior Sclera.

Nathan Donald Nicholes, *Chemical and Biomolecular Engineering*. Improved Methods for the Development and Adaptation of Protein Switches.**

Daniel Stuart Obenshain, *Computer Science*. Practical Intrusion-Tolerant Networking.

Zachary Eli Palmer, *Computer Science*. Building a Typed Scripting Language.*

Colin Dowlin Paul, Chemical and Biomolecular Engineering. Physical Mechanisms and High-Throughput Imaging of Tumor Cell Migration in Confining Microenvironments.** Michael John Paul, *Computer Science*. Topic Modeling with Structured Priors for Text-Driven Science.*

- Jude Marvin Phillip, *Chemical and Biomolecular Engineering*. Emergent Patterns of Cellular Phenotypes in Health and Disease.**
- Christian Michael Pick, *Chemical and Biomolecular Engineering*. Electrical Double Layer Interactions with Surface Charge Heterogeneities.**

Amanda Levy Placone, *Materials Science and Engineering*. Astrocyte Activation and Its Influence on the Brain Tumor Microenvironment. Venkataramaavadhanulu Prava, *Geography and Environmental Engineering*. Identifying and Correcting Cognitive Biases in

Subjective Probability Elicitation Surveys: Model Based Approaches. Joseph John Priola,

- *Chemical and Biomolecular Engineering*. Cellular Engineering and 'Omics Analysis for the Overexpression of Membrane Proteins in Mammalian Cells.
- Andrew Joseph Rittenbach, *Electrical and Computer Engineering.* Development and Initital Evaluation of an MR Compatible Preclinical SPECT Insert for Simultaneous SPECT/MR Imaging.**
- Stephen Michael Ryan, Materials Science and Engineering. Manufacturing and Characterization of

Textile Fabricated Lattice Materials.** Fangwei Si, *Mechanical Engineering*. Organization of

Bacterial Cell Division Ring, and Bacterial Morphology and Growth Under Mechanical Compression.**

- Adam John Sierakowski, *Mechanical Engineering*. Numerical Simulation of Disperse Particle Flow on a Graphics Processing Unit.
- Ryan Michael Springer, Electrical and Computer Engineering. Characterization and Modeling to Improve Efficiency of the 0.946um Nd:YAG Laser.**
- Andrea Staid, *Geography and Environmental Engineering*. Statistical Modeling to Support Power System Planning.

Barrett Ethan Steinberg, *Chemical and Biomolecular Engineering*. Using Complex Selection Dynamics to Reveal the Fitness Landscape and Cross Evolutionary Valleys.*

- Yuanming Suo, *Electrical and Computer Engineering*. Structured Dictionary Learning and Its Applications in Neural Recording.*
- Adrien Rene Thormann, *Mechanical Engineering.* Wind Tunnel Studies of Decay and Spatial Diffusion of Turbulence.
- Ehsan Variani, *Electrical and Computer Engineering*. Distributional Approximation of Classification Accuracy and Gaussian Mixture Models for Deep Learning.*
- Claire Margaret VerHulst, *Mechanical Engineering.* Large Eddy Simulation and Analysis of Kinetic Energy Entrainment in Large Wind Farms.*

Svitlana Volkova, *Computer Science*. Predicting Demographics and Affect in Social Networks.**

Guan Wang, *Electrical and Computer Engineering.* Quantitative Mapping in Magnetic Resonance Imaging.

Heng Wang, *Applied Mathematics and Statistics*. Community Detection Using Locality Statistics.

Ying Wang, *Chemical and Biomolecular Engineering*. Scalable Expansion and Erythrocyte Production of Human-induced Pluripotent Stem Cells.**

Duane Conrad Wilson, *Computer Science*. Toward Enhancing Security in Cloud Storage Environments.

Jonathan Charles Wintrode, *Computer Science*. Topic-Enhanced Models for Speech Recognition and Retrieval.

Andrew Douglas Wong, *Materials Science and Engineering.* An Artificial Microvessel Platform for Studying Metastatic Cancer and Drug Delivery.*

Su Xiao, *Chemical and Biomolecular Engineering*. Cellular and Process Engineering to Improve Mammalian Membrane Protein Expression.*

Fangxu Xing, *Electrical and Computer Engineering*. Three-Dimensional Tissue Motion Analysis from Tagged Magnetic Resonance Imaging.**

Zhen Yang, *Electrical and Computer Engineering*. Cerebellar Structure Segmentation and Shape Analysis with Application to Cerebellar Ataxia.**

Jordan Davis Yoder, *Applied Mathematics and Statistics*. On Model-Based Semi-Supervised Clustering.

DOCTORAL DEGREES -

- Binwei Zhang, *Mechanical Engineering*. Experimental Characterization of Thermal Barrier Coatings Using Micro-scale Bending Techniques.**
- Fan Zhang, *Materials Science and Engineering*. Dendrimerbased Targeted Therapy for the Treatment of CNS Diseases.
- Xinlei Zhang, *Electrical and Computer Engineering*. Addressing Conservatism in State-Space Based Finite rho/mu Approximations for Control Design.
- Mu Zhu, *Civil Engineering*. Topology Optimization of Frame Structures: Design for Constructability and Stochastic Dynamic Loads.*

THE ZANVYL KREIGER SCHOOL OF ARTS AND SCIENCES

Doctors of Philosophy

- Abigail Rose Alexander, *German and Romance Languages and Literatures*. Naming the Master: The Evolving Significances of "Victor Hugo" in 19th-Century French Literature.
- Beau Andrew Alward, *Psychological and Brain Sciences*. Anatomical Specificity of the Action of Testosterone in Relation to the Regulation of Birdsong and the Underlying Neuroplasticity.**
- Breeana Grogan Anderson, *Chemical Biology*. DNA Supercoil Unwinding by Variola Virus Type IB Topoisomerase Is Accelerated by Superhelical Density and Hindered by Enzyme-DNA Interactions.*

Ian James Anderson, *Physics and Astronomy*. A Tale of Two Vertices: Production and Decay of the Higgs VV Vertex at the LHC.*

- Tovah Yaffa Honor Aronin, *Biology*. Imaging Calcineurin Dynamics in Yeast: Development and Application of a Novel Probe of Calcineurin Activity.
- Judith Sylvia Ama Asem, *Psychological and Brain Sciences*. Spatial Strategy Selection in the Submerged T-maze.*
- James Jackson Ashton, *History*. Patriotic Sublime: Music and Nation in America, 1790–1848.**
- Julia Christine Baumgardt, *German and Romance Languages and Literatures.* The Times of Al-Andalus: Performing Alternative Temporalities in Spanish New Historical Novels, Festive Reenactment and Conversion Narrative.**
- Jonathan Samuel Beardsley, *Mathematics*. Hopf-Galois Extensions and Descent Data in Quasicategories. Michael Anthony Bemben, *Biology*. A Tale of Two C-Tails.
- Fisseha Gebremariam Berhane, *Earth and Planetary Sciences*. Intraseasonal Precipitation Variability Over Tropical Africa.
- Grace Patricia Bosse, *Physics and Astronomy*. Low Energy Electrodynamics of Strongly Correlated Metallic Thin Films Using Time-Domain THz Spectroscopy.**
- Lauren Elizabeth Boucher, *Chemical Biology*. Discovery and Validation of Inhibitors Targeting Protein-Protein Interactions in the Plasmodial Glideosome.* Mary Katherine Bradford, *Biology*. Defining the

Essential and Endocytic Functions of Pan1 in Saccharomyces cerevisiae.* Erinn Candice Brigham, *Chemistry*. Kinetics and Mechanisms of Fundamental Electron Transfer Processes Relevant to Dye Sensitized Solar Cells.*

- Christopher Daniel Brinker, *Near Eastern Studies*. An Absence of Evidence: A Search for Mobile Pastoralism and Segmentary Lineage Systems in the Archaeological and Historical Records of Early Bronze Age Syria.
- Elizabeth Stuart Brogden, *English.* Withheld Minds: Para-Novelistic Form and the Pleasures of Evasion in American Fiction, 1840–1930.
- Allyson Mae Buytendyk, *Chemistry*. Discovering the Electronic Properties of Metal Hydrides, Metal Oxides and Organic Molecules Using Anion Photoelectron Spectroscopy.**
- Sean Andrew Cantrell, *Physics and Astronomy*. Aspects of AdS/CFT: Conformal Deformations and the Goldstone Equivalence Theorem.
- Chih-han Chang, Earth and Planetary Sciences. The Second Wave of Earthworm Invasion: Interspecific Interactions, Soil Microbial Communities, and Carbon Cycling.**
- Tyler Alexander Chavez, *Chemistry*. Investigation of Reactive Intermediates: Nitroxyl (HNO) and Carbonylnitrenes.
- Lani Sunil Chun, *Biology*. D1 and D2 Dopamine Receptor Biased and Heteromeric Signaling: Implications for Protein Conformational Fluidity.**

- Jacquelyn Helene Clements, *History of Art.* Visualizing Autochthony: The Iconography of Athenian Identity in the Late Fifth Century BCE.**
- Marco Carlo Cornia, *Economics*. Global Imbalances and Reserve Accumulation: Identifying the Impact of Chinese Exchange Rate Policy.
- Patrick Landon Cottingham, *Chemistry*. Charge Separation at the Nanoscale in PdTel and Organometallic Halide Perovskite Solar Cells.*
- Adam Romanowski Culver, *Political Science*. Race and Romantic Visions: A Tragic Reading.*
- Liang Dai, *Physics and Astronomy*. Primordial Perturbations in the Universe: Theory, Detection, and Implication For Inflation.**
- Sara Tabak Damiano, *History*. Gendering the Work of Debt Collection: Women, Law, and the Credit Economy in New England, 1730–1790.**
- Rachel Elizabeth Danford, *History of Art*. Manipulating Matter: Figural Stucco Sculpture in the Early Middle Ages.
- Kathryne Jeannine Daniel, *Physics and Astronomy*. The Importance of Radial Migration to Spiral Galaxy Evolution.**
- Robert Douglas Day, *English*. Ideology and Ethos in the Twentieth-Century Political Novel.**
- Derek Scott Denman, *Political Science*. Scales of Political Life: Space and Power Beyond the Polis.**
- Jason Paul Di Resta, *History* of Art. Giovanni Antonio da Pordenone: Artistic Ambition and the Challenge of the Local.*

- Tiffany Celena Earley, *Near Eastern Studies*. Envisioning Landscapes of Warfare: A Multi-Regional Analysis of Early Iron Fortress-States and Biainili-Urartu.**
- Katrina JoAnn Ferrara, *Cognitive Science*. Neural and Behavioral Sensitivity to Boundary Cues Across Typical and Atypical Development.*
- Laura Lynn Garofalo, *Classics*. Reconstructed Pasts and Retrospective Styles in Flavian Rome.**
- Michael Joseph Gentzel, *Philosophy*. A Normative Framework for Analyzing Human Enhancement Technologies.*
- Souradyuti Ghosh, *Chemistry*. Investigating the Repair and Site Selective Formation of Interstrand Cross-Links Using Synthetic Analogues Derived from Oxidized Abasic Sites.*
- Nathan Alan Gies, *Political Science*. Candor and Control: The Politics of Truthfulness in an Era of Openness.*
- Paige Simone Glotzer, *History*. Building Suburban Power. Dominik Ralf Gothe, *Physics and Astronomy*. Measuring Inflation with the CLASS.*
- Jacob David Graham, *Chemistry*. Photoelectron Spectroscopy Studies of Anionic Clusters: CO₂ Reduction, Metal Hydrides. Low Barrier Hydrogen Bonding, and Solvent Stabilization.**
- Tashina Lillian Graves, *Psychological and Brain Sciences.* The Role of Learning in Resistance to Capture by Physically Salient Irrelevant Singletons.*
- Kevin Thomas Grizzard, *Physics and Astronomy*. Experimental and

Theoretical Aspects of the Electroweak Sector.*

- Yuxuan Guo, *Biology*. Concentration-dependent Lamin Assembly and Its Role in Mitotic Spindle Assembly.*
- Nikolaus George Hartman, *Physics and Astronomy*. Fabrication and Transport Properties of Carbon Nanotube Quantum Dots with Ferromagnetic and Superconducting Leads.**
- Shabnam Hematian, *Chemistry.* New Investigations of Nitric Oxide, Nitrite and Hyponitrite Interactions with Heme/Copper Assemblies.**
- Daniel Shawn Houston, *Classics*. The Aldine Lascaris: A Publisher's Textbook in the Italian Renaissance.**
- Onur Iyilikci, *Psychological and Brain Sciences*. Interactions Between the Medial Preoptic Nucleus and Mesolimbic Reward Pathways in the Regulation
- of Sociosexual Behaviors.** Erin Alisa Jimenez, *Biology*. A Genomic and Genetic Analysis of Doublesex Targets and Function in Drosophila Sexual Dimorphism.*
- Kristen Johannes, *Cognitive Science*. Geometric and Functional Knowledge in the Acquisition of Spatial Language.*
- James Franklin Justice IV, *Biology*. Viral-induced Tumorigenesis: The Characterization of Avian Leukosis Virus-induced Neoplasms by High-Throughput Sequencing.** Maria Mateeva Kaltcheva, *Biology*. The Role of Interdigit BMP Signaling in

Programmed Cell Death and Mouse Limb Development.**

- Emek Karaca, *Economics*. Essays on Macroeconomic Uncertainty and Monetary Policy.*
- Layne Rochelle Karafantis, *History of Science and Technology*. Under Control: Building the Nerve Centers of the Space Age.
- Adam Kim, *Biology*. Protein Kinases and Phosphatases in Vacuole Membrane Permeabilization.**
- Daisy Yuha Kim, *Political Science.* Bargaining Citizenship: Women's Organizations, the State, and Marriage Migrants in South Korea.*
- Christian Florent Radjou Kittery, *German and Romance Languages and Literatures*. Littérature et Préhistoire, 1860–1930: Le Chaînon Manquant, Miroir de l'Homme Sauvage.**
- Gizem Kosar Karaca, *Economics*. Essays on Tax Credits, Job Mobility and Personal Bankruptcy.**
- Hitomi Koyama, *Political Science*. Japan's History Problem: Agency, Violence and the Limits of Decolonizing History.**
- Jessica Laura Lamont, *Classics*. Amphiaraos into Attica: The Rise of Athenian Healing Cults.
- Ting-wen Lan, *Physics and Astronomy*. Mapping the Links Between the Stars, Gas, and Dark Matter With Large Surveys.
- Debra Anne Law, *History*. The Legacy of Brazil's Pedro I: Memory and Politics during the Empire and Republic.**
- Ka Hei Law, *Physics and Astronomy*. Dusty Radiative Transfer Modeling of the Ultraviolet to Infrared Spectral Energy

Distributions of Nearby Galaxies.**

- Justin Scott Lazear, *Physics and Astronomy*. Developing the Primordial Inflation Polarization Explorer (PIPER) Microwave Polarimeter for Constraining Inflation.**
- Giorgi Lebanidze, *Philosophy*. Hegel's Transcendental Ontology.
- Jung Yoon Catherine Lee, *Chemistry*. Ligand Architecture Effects Upon Primary Copper-Dioxygen Adduct Chemistry.*
- David Robert Levine, *Chemistry*. Engineering Electronic Diversity and Synthetic Versatility into Borepin-Based Pi-Conjugated Organoboron Materials.
- Maria Libina, *History of Art.* Sebastiano del Piombo and His Collaboration with Michelangelo: Distance and Proximity to the Divine in Catholic Reformation Rome.*
- Alan Shu Liu, *Physics and Astronomy*. Biomechanics of Engineered Smooth Muscle Microtissues.**
- Vitaly Lorman, *Mathematics*. Real Johnson-Wilson Theories and Computations. Zheng Ma, *Psychological*
- and Brain Sciences. The Prevalence of
- Correspondence Computations in Visual
- Processing. Roger Maioli dos Santos,
- *English.* The Empirical Ambitions of the Eighteenth-Century Novel.**
- Jacob D. Marold, *Biophysics*. A Structural and Thermodynamic Dissection of Cooperativity in Natural and Designed Tetratricopeptide Repeat Proteins.*

Christopher Blake Martin, *Physics and Astronomy*. Discovery and Characterization of a Higgs-Boson Using Four-Lepton Events from the CMS Experiment.**

Michael Marx McCarthy, *Political Science*. Populism in Power: From Mobilization to Party Building in Chavez's Venezuela (2000–2010).

Sarah Kempka McDonald, *Biophysics*. Influence of Aromatic and Negatively Charged Side Chains on Membrane Protein Stability and Hysteresis.

Benjamin Aaron Meiches, *Political Science*. Genocide: A Political Genealogy.*

Matthew Ryan Messel, Sociology. Profiles in Resilience: Narratives about Homosexuality and Access to Social Capital in the Social Ecological Systems of Black Sexual Minority Men during Secondary School.**

Kalina Dimova Mincheva, *Mathematics*. Semiring Congruences and Tropical Geometry.

Jerome Thomas Mlack, *Physics and Astronomy*. Growth and Low Temperature Transport Measurements of Pure and Doped Bismuth Selenide.*

Tyler Thomas Morgan-Wall, *Physics and Astronomy*. Exploring Low Dimensions: Building Novel Superconducting Nanodevices to Discover New Physics.*

Richard Stephen Nash, *History* of Science and Technology. Sensory Physiology and the Return of the Animal Mind in the Career of Donald Redfield Griffin, 1934–1986.

Hesam Nekoorouy-Motlagh, *Biophysics*. Allostery and Intrinsic Disorder in Ensembles and Single Molecules.**

Heather Marie Neu, *Chemistry*. Modulating Dioxygen Activation and Oxygen Atom Transfer Reactivity of Manganese Corrolazines.*

Adam Gray Newman, *Chemical Biology*. Engineering of Fungal Aromatic Polyketide Biosynthesis and Elucidation of Cercosporin Biosynthesis in the Plant Pathogen Cercospora nicotianae.

Hai Xuan Nguyen, *Economics*. Essays on Banking and Financial Regulations.** Rachel Orion Niederer,

Biology. Telomerase RNP: from Core RNA Structure to the Short-Telomere Senescence Response.** Shana Doreen O'Connell,

History of Art. Omnia Mutantur: A Study of Still Life in Roman Wall Painting.*

Victor Kenneth Outlaw, *Chemistry*. Development of Synthetic Methodology to Access Glycerol-3-Phosphate Acyl Transferase Inhibitors.*

Hrag Pailian, *Psychological and Brain Sciences*. Costs of Manipulating Information in Visual Working Memory.* Ami Ami Patel, *Biology*. Neurotrophin Trafficking in

Development and Disease.** Gwyn Carter Pauley, *Economics*. Essays on Health

and Labor Economics.** Lauren Michelle Pepitone, *History*. Legal London: Gender, Space, and the Culture of the Bar, 1850– 1940.*

Rebecca Terese Powers, German and Romance Languages and Literatures. Representations of *Travail* [Work] Under the July Monarchy: Literature, History, Society.* Bao Lin Quek, *Biology*. Characterization of Retroviral RNA Stability Elements.* Mollie Charlotte Kay Rappe,

Biophysics. Effects of Mutations in the Junction Between Helixes 5 and 6 of the 16S rRNA Upon 30S Biogenesis.**

Meredith Devorah Raucher, *History of Art*. Blood on the Cross: The Crucifixus Dolorosus and Violence in Italian Medieval Art.

Christopher M. RayAlexander, German and Romance Languages and Literatures Blood, Sweat and Tears: On the Literary Creation of National Sentiment in 19th-Century Mexico.

Selena Loring Rice, *Biology*. Investigation of Heme-Protein Interactions in

Truncated Hemoglobins.** Jean-Olivier Richard, *History of Science and Technology*. The Art of Making Rain and Fair Weather: The Life and World System of Louis-Bertrand Castel, SJ (1688–1757).

Sara Rivero-Calle, *Earth and Planetary Sciences*. Anthropogenic Change vs. Natural Variability: Lessons Learned from the Continuous Plankton Recorder.

David William Rothlein, *Cognitive Science*. Letter Representations in the Mind and Brain.**

Julie Martine Roy, *German* and Romance Languages and Literatures. Thresholds and Reconnections: The Creation of the Child in Comparative Children's Literature.* Michelle Erin Rozo, *Biology*. The Requirement for B1-Integrin in the Muscle Stem Cell Niche.*

Alan Rupp, *Biology*. The Photoreceptors and Neural Circuits Driving the Pupillary Light Reflex.

Harry Gustavo Saavedra Espinoza, *Biophysics*. Biophysical Investigations of Allostery in E. coli Adenylate Kinase Using Entropy Enhancing Mutations.*

Sumit Sahu, *Chemistry*. The Importance of Secondary Coordination Sphere in Nonheme Iron Chemistry.

Anthony William Sali, *Psychological and Brain Sciences*. Spontaneous and Learned States of Preparatory Attentional Control.*

Allix Marie Settemia Sanders, *Chemistry*. Design, Synthesis, and Self-Assembly of Semiconducting Peptides for Bioelectronic Materials.**

Johannes Schade, *German* and Romance Languages and Literatures. Aesthetic Experience in Robert Musil.*

Felipe Lopes Schiffino, *Psychological and Brain Sciences.* Pearce-Hall Attention for Learning Parameter: Memory Substrates.

Tristan A. Sharp, *Physics and Astronomy*. Quasi-Static Contact and Sliding of Crystalline Materials.

John Patrick Sheckelton, *Chemistry*. Strongly Correlated Molecular Magnetism in Triangular-Lattice Cluster Materials.*

Kathryn Phyllis Sherry, *Biophysics*. Structural and Thermodynamic Analysis of the Contributions of the Intrinsically Disordered RAM Region of the Notch Receptor to Notch Signaling.**

- Yi-shin Sheu, *Psychological* and Brain Sciences. Cognitive Control of Abstract Task Rules.**
- Chad Shomura, *Political Science*. The Good Bad Life: On the Politics of Impasse.
- Amanda Mignonne Smith, German and Romance Languages and Literatures. Amazonian Cartographies: Mapping Novels and the Production of Space in Twentieth-Century Latin America.*
- Michael Specian, *Physics and Astronomy*. Improved Galaxy Counting Techniques and Noise Reduction Algorithms as Applied to the Sloan Digital Sky Survey.**
- Allen Stack, *Political Science*. Three Great Poetic Epidemics in International Relations.
- Aimee Elyse Stahl, *Psychological and Brain Sciences*. The Role of Surprise in Early Learning.*
- Heather Stein, *History*. Historical Writing and Community Among the Orti Oricellari.**
- Pavle Stojanovic, *Philosophy*. The Stoics and the Academics on the Apprehensive Impression.**

Anna Katarzyna Talaga, *Biology*. CFAP69, a Novel Modulator of Olfactory Responses.**

- Irene Tan, *Biology*. Small Proteins Maintain the Fidelity of Spore Envelope Assembly through Regulated Cell Death during Sporulation in Bacillus subtilis.*
- Douglas Allen Tye, *English*. Expertise Effects: Literary Performance and Professionalization in the Age of Barnum.

Javier Valiente Núñez, German and Romance Languages and Literatures. Liberation Theology and Latin America's Testimonio and New Historical Novel: A Decolonial Perspective. Chiara Valle, History of Art. Woven Words in the Lindisfarne Gospels.* Chitra Venkataramani, Anthropology. Drawn into Life: Mapping, Development, and Ecological Vision in Urban India.* Jessica Brooke Walker, History. 'The Daughter of Time': Multicultural Constructions of Mary Tudor as Regnant Queen and Catholic Monarch (1553 - 1558).Crystal Marie Wall, Biology. Nuclear Lamina Protein Lamin B1 in Cell Type-specific Gene Expression and Neuronal Differentiation in Olfactory Sensory Neurons. David Cooper Wallace, Chemistry. Suppression of Magnetism by Spin-Orbit Coupling and Binding-Limited Deintercalation Kinetics Revealed in New Honeycomb Iridates.

- Hou Wang, *Economics*. Essays on Government Debt and Default.*
- Yi Wang, *Chemistry*. Photoelectron Spectroscopy of Cluster Anions: Electron Induced Proton Transfer, Solvated Molecules, and CO₂ Activation by Anion Clusters.**
- Siri Marie Warkentien, Sociology. Racial School Segregation and the Transition to College.* Robert Paul Webber, Classics. Wit as Argument in Cicero and Beyond.*

Erik David Brewster Westlund, Sociology. The Origins and Implications of Postsecondary Academic Mismatch.** Thomas Mackin Williams, Political Science. Great Powers and the Patterns of Internal War: Interests, Ideology and Sovereignty.* Liang Wu, Physics and Astronomy. Low Energy Electrodynamics of the Surface States of 3D Topological Insulators by Time-Domain Terahertz Spectroscopy.** Yongjie Xin, Physics and Astronomy. Search for a Massive Resonance Decaying Into qV/VV/VH in Hadronic Final States.* Min Xue, Mathematics. Concerning the Klein-Gordon Equation on Asymptotically Euclidean Manifolds.* Hangyi Yan, Biology. CCL9 Induced by TGF-β Signaling in Myeloid Cells Enhances Tumor Cell Survival in the Premetastatic Lung.* Jiae Yoo, Economics. Essays on International Finance and Tax Policy.* Xinxing Zhang, Chemistry. Anion Photoelectron Spectroscopy: Lessons Learned.** Junyan Zhu, Mathematics. Hole Probabilities of

SU(m+1) Gaussian Random

Polynomials.*

THE CAREY BUSINESS SCHOOL

Masters of Science

Lea Ann Maria Alonso, Information Systems* Ruopeng An, Finance* Yaou An, Finance* Trevor L. Ankeny, Real Estate Tobenna Arodiogbu, Finance** Ruizhi Bai, Marketing* Alexander A. Balleh, Finance** Jieyu Ban, Finance* Quinn William Bardon, Finance* Rachel Barrientos Ferrusca, Finance Blake Benjamin Basye, Real Estate and Infrastructure* Gerard William Battersby II, Marketing* Leslie N. Beck, Health Care Management Jing Bi, Finance* Xiaopei Bian, Finance* Yiqun Bian, Marketing* Martin A. Bishop, Health Care Management Charles Justin Bishop-Lachanos, Real Estate and Infrastructure* Thomas Bohne, Marketing Nicholas Terry Bralove, Real Estate and Infrastructure Shauna Nicole Brew, Real *Estate and Infrastructure* Alex D. Brodsky, Finance* Cagla Zehra Buyukkoc, Health Care Management* Oian Cai, Real Estate and Infrastructure* Wa Cai, Enterprise Risk Management* Rui Cao, Finance* Rui Cao, Enterprise Risk Management Shuqian Cao, Marketing* Siyi Cao, Finance* Siyuan Cao, Marketing* Ethan Joseph Carlson, Finance Shuang Chai, Finance* Yidi Chang, Finance*

Faraz Ullah Cheema, Real Estate and Infrastructure Boyu Chen, Finance* Haoyuan Chen, Finance* Jiaming Chen, Finance* Jiayu Chen, Finance* Jiongshen Chen, Finance** Josephine Chen, Marketing* Mengdi Chen, Finance* Mengjie Chen, Finance* Qizhi Chen, Marketing* Si Chen, Finance* Xinyuan Chen, Finance* Yingyin Chen, Finance* Yu Chen, Finance** Yuanxin Chen, Enterprise Risk Management* Yunyi Chen, Enterprise Risk Management* Ziwen Chen, Finance* Hang Cheng, Marketing* Hang Cheng, Finance Jiawei Cheng, Finance* Qinghua Cheng, Marketing* Xiang Cheng, Finance* Zhuan Cheng, Finance* Rome Keshav Chopra, Finance* Yingqun Ci, Finance* Robert John Corea, Finance Elliot R. Corenblum, Real Estate Jason A. Corning, Information Systems Charles Anthony Corson, Real Estate** Kerry Lynn Cropper, Health Care Management Eamonn Mark Crumblish, Finance** Julianna Catherine Dahbura, Marketing* Boxia Dai, Finance* Wei Dai, Finance* Xianlei Dai, Finance* Yumin Dai, Finance* Jill Davis, Finance Charlotte Joanna Debrabandere, Marketing* Caitlin Ashley Dempsey, Marketing* Xueting Deng, Marketing*

Laura Elizabeth Dimon, Marketing* Nazdar Dizeyee, Finance** Richard Robson Dobbins, Finance* Xiuwen Dong, Finance* Qiao Du, Marketing* Yu Du, Finance* Amit Kumar Dua, Information Systems Xiyue Duanmu, Enterprise Risk Management* Timothy Dunn, Finance** Kayley Elise Duval, Real Estate and Infrastructure Craig Michael Dykstra, Marketing Lisa Gigi Edouard, Real Estate and Infrastructure Tim Edwards, Marketing* Onon Enkhtuvshin, Finance Caroline Ashley Escobar, Finance* Ian F. Eversman, Finance** Sharon Ezzeldin, Marketing** Dayu Fan, Finance* Xinzhu Fan, Real Estate and Infrastructure* Hanyu Fang, Finance* Jiabei Fang, Enterprise Risk Management* Toni Fares, Finance** Jingya Feng, Finance* Jake R. Fish, Finance** Jessica Fox Beatus, Finance** Kimberly Lee Franklin, Finance Ning Fu, Real Estate and Infrastructure* Boyang Gao, Finance* Heliang Gao, Finance* Jeremy Xin Gao, Finance** Lu Gao, Finance* Zhemeng Gao, Finance* Xinjun Ge, Finance* Zhuangfei Ge, Marketing* Kenneth M. Goode, Real Estate and Infrastructure* Amanda Lindsey Gorski, Health Care Management* Miguel Mauricio Goya, Information Systems

Fanyu Gu, Finance* Guantao Gu, Finance* Ran Gu, Real Estate and Infrastructure* Wenjun Gu, Finance* Chong Guo, Marketing* Fanyu Guo, Finance* Fanyu Guo, Real Estate and Infrastructure Jingsi Guo, Finance* Mengning Guo, Finance* Yabin Guo, Enterprise Risk Management Yongxi Guo, Marketing* Zhengyu Guo, Finance* Shenchen Han, Marketing* Pan Hao, Real Estate and Infrastructure* Brian Robert Harder, Marketing Brendan Todd Harman, Real Estate and Infrastructure* Miao He, Marketing* Shasha He, Finance* Sixuan He, Finance* Siyuan He, Marketing** Tianqi He, Finance* Tiangi He, Real Estate and Infrastructure Tiansheng He, Finance* Wanchun He, Marketing* Weijia He, Finance* Xiuvuan He, Finance* Levar Darnelle Hewlett, Finance** Danli Hu. Finance* Jin Hu, Marketing* Lingyao Hu, Finance* Xiao Hu, Finance* Yu Hu, Finance* Andi Hua, Real Estate and Infrastructure* Peng Huang, Marketing* Xianchao Huang, Finance* Yang Huang, Finance* Yu Huang, Marketing* Jon Karol Hyduke, Real Estate and Infrastructure Sooji Im, Real Estate and Infrastructure Erica Jean Ireland, Finance Stephanie Jaar, Marketing*

*Degree conferred August 21, 2015 **Degree conferred December 30, 2015 Jessica Jennifer Jeang, Finance Stacy Kleber Jensen, Marketing Ho Jin Jeon, Finance* Siying Ji, Marketing* Fan Jiang, Finance* Tianyu Jiang, Finance* Tianyu Jiang, Enterprise Risk Management Yihua Jiang, Marketing* Yuejiao Jiang, Marketing* Qianhua Jin, Finance* Xin Jin, Finance* Yun Ping Jin, Marketing** Kaileigh Carmikell Johnson, Health Care Management* Liang Ke, Finance* Bryce A. Keene, Finance** Jason Kemper, Finance Wei Keng, Marketing* Madison Estella Kerr, Finance* Sukriti Khosla, Marketing* Yung-won Phillip Kim, Finance Mark Elliot Kohen, Real Estate** Gregory Anthony Koory, Real Estate and Infrastructure* Eddie M. Koury, Finance Peng Kun, Finance* Trevor Charles Lack, Finance** Ji Young Lee, Health Care Management** Biyun Li, Marketing** Danning Li, Finance** Jialin Li, Finance* Jialin Li, Finance* Jialing Li, Finance* Jialing Li, Marketing* Jiaying Li, Finance* Luhan Li, Marketing* Qiao Li, Marketing* Shiyi Li, Marketing* Shumin Li, Finance* Simeng Li, Finance* Ting Li, Finance* Weijian Li, Finance* Weixuan Li, Marketing* Xingjian Li, Finance* Yidu Li, Marketing* Yuange Li, Finance* Yun Li, Finance* Yuran Li, Finance*

Xue Lian, Finance* Yu Liao, Enterprise Risk Management* Huai-an Lin, Marketing* Jessie Lin, Marketing* Jiamin Lin, Finance* Jingyi Lin, Finance* Yu-Jui Lin, Finance* Yuxi Lin, Finance* Baichuan Ling, Finance* Li Ling, Finance* Michael Steigner Lipman, Finance** Dong Liu, Finance* Jia Liu, Finance* Jiatao Liu, Finance* Jin Liu, Marketing* Meng Liu, Enterprise Risk Management* Nanxi Liu, Finance* Shiyin Liu, Finance* Wen Liu, Marketing* Xinyun Liu, Marketing* Yang Liu, Finance* Yiran Liu, Finance* Yudi Liu, Finance* Zheyan Liu, Real Estate and Infrastructure* Zhiran Liu, Finance* Angela Marie Lopez, Health Care Management* Sergio Lora, Real Estate and Infrastructure** Jiyue Lou, Real Estate and Infrastructure* Binbin Lu, Finance* Chujun Lu, Finance* Jiali Lu, Finance* Jiaran Lu, Finance* Mengjia Lu, Finance* Shihang Lu, Finance* Theodore Lu, Finance* Tian Jiao Lu, Enterprise Risk Management* Wengi Lu, Finance* Xinyi Lu, Finance* Yao Lu, Finance* Yue Lu. Finance* Jiageng Luo, Finance* Ruojia Luo, Finance* Yuanfeng Luo, Marketing* Bolun Ma, Finance*

Huitong Ma, Finance* Junyi Ma, Finance* Ming Ma, Finance* Nathan Kai Ma, Finance* Tianxiao Ma, Finance* Yuntao Ma, Health Care Management* Shilei Mao, Finance Adela Ines Martinez Fernandez, Finance Tamlyn Mariko Maruyama, Marketing* Stephen F. Matzie, Finance* William Tamba Mayah, Real Estate and Infrastructure Uzodinma Ikechukwu Mba, Information Systems** Thomas P. McDermott III, Information and **Telecommunication** Systems** Qinglong Meng, Finance* Leon Mensah, Finance** Daniel John Meteyer, Real Estate and Infrastructure Yufeng Miao, Finance* Yiyi Ming, Finance* Hongyu Mu, Finance* Jirayuth Ngamkajonviwat, Real Estate and Infrastructure* Kun Nie, Finance* Amanda Jennifer Nogic, Real *Estate and Infrastructure* Ebenezer O. Olarewaju, Real Estate and Infrastructure** Lei Pan, Finance* Shuyang Pan, Finance* Yidong Pan, Finance* Katherine Peck, Real Estate and Infrastructure Marjorie Perez Martinez, Real Estate* Tyler Harrington Plante, Real Estate and Infrastructure* Christian Pollard, Real Estate and Infrastructure* Alexandra Popoli, Marketing Marc S. Posner, Finance** Xin Qi, Finance* Zixiao Qi, Finance* Hailun Qian, Marketing* Huan Qian, Real Estate and Infrastructure*

Jin Qian, Finance* Luze Qian, Finance* Bilin Qiao, Finance* Ruolun Qin, Finance* Shikun Qin, Finance* Yue Qiu, Finance* Yujia Qiu, Finance* Kai Qu, Enterprise Risk Management* Yang Qu, Finance* Yixiang Qu, Finance* Xiang Quan, Marketing* Sandeep Ramakabir, Finance* Kaitlyn Rausse, Real Estate and Infrastructure Daniel Richard Rediske, Enterprise Risk Management* Hongda Ren, Finance** Jin Ren, Finance* Xueying Ren, Finance* Zhijie Ren, Marketing* Danielle Dunae Retland, Information Systems Ryan Christopher Reuter, Finance Brian Ruther, Finance** Sean M. Rutherford, Finance Paul Tyler Ryll, Real Estate and Infrastructure Eric Daniel Schneider, Marketing* Francis Carl Schwartz, Real Estate** William Joseph Seamon III, Marketing Ouwen Sha, Finance* Jing Shan, Finance* Duanyang Shang, Finance* Hao Shang, Finance* Shakti Sharma, Finance* Miaoyan Shen, Finance* Yiran Shen. Finance* Lei Shi, Finance* Xulei Shi, Finance* Yingjie Shi, Marketing* Zheng Shi, Finance* Xinying Shu, Finance* Ruchika Sindhi, Information Systems** Karun Singh, Information Systems**

*Degree conferred August 21, 2015 **Degree conferred December 30, 2015

Marston S. Smith, Real Estate and Infrastructure** Ge Song, Finance* Jianheng Song, Enterprise Risk Management** Jizheng Song, Finance* Wen Song, Information Systems Carlos David Sosa, Finance Kathryn Frances Stegmann, Finance Joseph Stevens, Finance Julia P. Stevenson, Finance* Chen Sun, Finance* Daoxin Sun, Real Estate and Infrastructure* Fangjie Sun, Finance* Hang Sun, Finance* Ji Sun, Marketing* Jing Sun, Enterprise Risk Management* Mingfei Sun, Marketing* Sigi Sun, Finance* Siyang Sun, Finance* Tianfeng Sun, Marketing* Xiaochen Sun. Finance* Xiaohui Sun, Finance* Xuelei Sun, Finance* Yuan Sun, Real Estate and Infrastructure* Yue Sun, Finance* Zhuoyao Sun, Finance* Freeman Suruma, Finance* Adam George Sussman, Real Estate and Infrastructure* William Tabler, Real Estate and Infrastructure Suchi Tang, Marketing* Yilong Tang, Marketing* Chenyi Tao, Finance* Xinran Tao, Finance* Xinran Tao, Real Estate and Infrastructure Yufei Tao, Real Estate and Infrastructure* Nathan Elliot Templeman, Health Care Management Bryan Erwin J. Tenorio, Finance** Aditya Chandrashekhar Thota, Real Estate and Infrastructure* Jingyu Tian, Marketing*

Mi Tian, Finance* Zheming Tian, Finance* Joseph Dellarocca Tierney, Finance Mingyu Tong, Marketing* Xiaoxi Tong, Finance* Emmett George Torney, Marketing* Alexandra Lee Toton, Finance Boyan Tu, Marketing* Gautam Vijay, Health Care Management* Xin Wan, Finance* Ai Wang, Finance* Chen Wang, Finance* Chenjie Wang, Finance* Danyun Wang, Marketing* Feiran Wang, Finance* Han Wang, Finance* Han Wang, Health Care Management* Hantao Wang, Finance* Jiaying Wang, Finance* Junyu Wang, Finance* Kai Wang, Finance* Pengyu Wang, Finance* Qianli Wang, Finance* Ruoxi Wang, Finance* Shibei Wang, Marketing** Shiqi Wang, Finance* Simeng Wang, Finance Te-Yuan Wang, Marketing* Tian Wang, Real Estate and Infrastructure* Tianzhi Wang, Finance** Xiao Wang, Finance* Xiaoxiao Wang, Finance** Xiaoyang Wang, Finance* Xindi Wang, Marketing* Xing Wang, Enterprise Risk Management* Xueshi Wang, Finance* Yachi Wang, Finance* Yaxin Wang, Finance* Yi Wang, Finance* Yinan Wang, Finance* Ying Wang, Marketing* Yixuan Wang, Marketing* Yu-Che Wang, Health Care Management* Yue Wang, Marketing* Yue Wang, Finance*

Yuting Wang, Finance* Zhen Wang, Finance* Zhengyuan Wang, Finance* Zhilei Wang, Finance* Zhiqi Wang, Finance* Zhuo Wang, Finance* Zihao Wang, Finance* Ziling Wang, Finance* Ziyi Wang, Finance* Haoran Wei, Marketing* Qianyi Livia Wei, Finance* Ying Wei, Marketing* Guolei Wen, Finance* Guolei Wen, Marketing David J. Wilk, Real Estate Mark S. Winkelstein, Marketing Sophie Victoria Wohlers, Health Care Management* Bridget Marie Wolfe-Bertling, Finance Courtney L. Wood, Real Estate* Hao Wu, Finance* Huanxin Wu, Marketing* Jiani Eden Wu, Finance* Jing Jing Wu, Finance* Jingyang Wu, Finance* Meng-Chieh Wu, Marketing* Qi Wu, Finance* TingTing Wu, Finance* Weimeng Wu, Finance* Yang Wu, Marketing* Yue Wu, Finance* Yue Wu, Enterprise Risk Management Yuhao Wu. Finance* Leslie A. Wynn, Real Estate* MengZhen Xia, Finance* Liang Xiao, Finance* Yao Xiao, Real Estate and Infrastructure* Zhenhao Xiao, Finance* Shiyu Xiong, Finance* Shuo Xiong, Finance* Shuo Xiong, Real Estate and Infrastructure Xianwei Xiong, Finance* Zhanjia Xiong, Finance* Jiaming Xu, Finance* Qiannan Xu, Finance* Shumeng Xu, Finance*

Wei Xu, Finance* Wenbo Xu, Finance* Xinyi Xu, Health Care Management* Yitian Xu, Marketing* Manzi Yan, Marketing* Mengyue Yan, Finance* Ran Yan, Finance* Yang Yan, Finance* Yizhi Yan, Marketing* Chengcheng Yang, Real Estate and Infrastructure* Chengcheng Yang, Finance Danlei Yang, Finance* Jiani Yang, Finance* Ling Yang, Real Estate and Infrastructure* Ming Yang, Health Care Management* Peiyi Yang, Finance* Qianxia Yang, Finance* Qingpu Yang, Finance* Ranran Yang, Finance* Shuhan Yang, Finance* Wentao Yang, Finance* Xi Yang, Marketing* Yashu Yang, Finance* Ye Yang, Finance* Yi Yang, Finance* Yuhang Yang, Finance* Xueyun Yao, Finance* Yonghao Yao, Marketing* Yuxing Yao, Finance* Junping Yin, Finance* Han Ying, Real Estate and Infrastructure* Xiaohui You. Finance* Xiaohui You, Enterprise Risk Management Jie Yu, Finance* Jiheng Yu, Finance* Xiangyun Yu, Finance* Xiao Yu, Marketing* Yifeng Yu, Finance* Zifeng Yu, Marketing* Daoyu Yuan, Finance* Lu Yuan, Marketing* Yingbo Yuan, Finance* Xiaoxi Zeng, Finance* Hengyi Zhan, Finance* Boxun Zhang, Finance Boyang Zhang, Marketing*

*Degree conferred August 21, 2015

^{**}Degree conferred December 30, 2015

Chengliang Zhang, Finance* Dashan Zhang, Finance* Fanying Zhang, Finance* Jin Zhang, Finance* Liping Zhang, Finance** Manqi Zhang, Finance* Manqi Zhang, Information Systems Manting Zhang, Finance* Mohan Zhang, Marketing Ningning Zhang, Finance* Nuoyi Zhang, Finance* Peng Zhang, Finance* Qiaoying Zhang, Finance* Ran Zhang, Finance* Rensi Zhang, Finance* Shaoqing Zhang, Finance* Shaoxuan Zhang, Finance* Sijia Zhang, Marketing* Xiaohan Zhang, Marketing* Xiaotian Zhang, Finance* Xiaowen Zhang, Real Estate and Infrastructure* Yimeng Zhang, Marketing* Yiming Zhang, Finance* Yiwei Zhang, Marketing*

Yiwen Zhang, Finance* Yiwen Zhang, Real Estate and Infrastructure Yubing Zhang, Marketing* Yue Zhang, Finance* Zhen Zhang, Finance* Bingjie Zhao, Finance* Hang Zhao, Finance* Jiahui Zhao, Finance* Lingcai Zhao, Finance* Siqi Zhao, Finance* Yinsong Zhao, Finance* Zhe Zhao, Finance* Jiayi Zheng, Finance* Kaige Zheng, Marketing* Shuang Zheng, Finance* Chao Zhou, Finance* Fang Zhou, Real Estate and Infrastructure* Ji Zhou, Finance* Jing Zhou, Finance* Jing Zhou, Marketing* Lian Zhou, Real Estate and Infrastructure* Sandra Zhou, Marketing* Wanting Zhou, Marketing*

Xiaona Zhou, Marketing* Xinyun Zhou, Finance* Yan Zhou, Finance* Ying Zhou, Finance* Yubin Zhou, Marketing* Chenliang Zhu, Marketing* Enjia Zhu, Marketing* Fengtian Zhu, Marketing* Jiaxin Zhu, Information Systems** Jiaying Zhu, Finance* Siyuan Zhu, Finance* Yadi Zhu, Finance* Yingze Zhu, Finance* Zhangting Zhu, Real Estate and Infrastructure* Yang Zou, Finance* Yiwei Zou, Enterprise Risk Management*

Masters of Business Administration

Arjang Abadi Prateek Agarwal Nita Ahuja Tarul Ahuja Vanita Ahuja Oluwatosin Funke Ajayi Glenn S. Alpert** Hassan Abdulaziz Alsebail Nairouz Altonobey Zhan Amalyan Girija Ambikapathi* Thomasina Pokua Anane Peter Joseph Anderson Margia Angelica Arguello Obafemi Devin Ayanbadejo Sr. Htar Htar Ave** Chris S. Bae Shikha Bahri Brandon Ball Vidushi Bansal* Kali Ann Bechtold Rebecca E. Berry** Vamsidhar Bhagavathula** Evan William Bilton** George Dewey Bittar Caroline Canaday Bleggi Stephen Ray Bloom** Ammara Bokhari** Ekambaranath Reddy Bomma

Austin Collins Bonnar Sara M. Brandenburg Leslie Hazare Brijbasi Preston Edward Broderick Michael Thomas Brown Jr. Sharmela Budhu** Linda Hyunjin Kim Butcher Jenna Nicole Cerone Louis Alberto Cervantes Jr.** Courtney Larissa Chang Xi Chen Yubin Chen Elizabeth Kagel Cherot Sean Sze-en Chou Christopher Colihan-Grillo Amanda Louise Collado Lauren Grace Constantini Lacy Cook Charles Thomas Coursey Dierdre Marie Crowl** Stacy Diane Davis Robert A. Del Conte** Chandler Boebel Denison Shashank Shailesh Desai Vinavak Pandurang Desai** Madjiguene Diaw** Ashley A. DiSilvestro David Anthony Dolan** Catherine Joan Espiritu Dolendo* Andrew Brian Duberstein** David Michael Dudish** Debosmita Dutta Majumder** Nathan Dyer Simone Echeverri-Gent** Matthew Eldren Ellis Giuseppe Esposito** Kaye Evans-Lutterodt Robert Eugene Filosa** Devin Patrick Flannery Wade Fowler Peter R. Gierlach Dan Givol Andrea L. Glasco Arilson Jose Gonzales** Keith Huntly Gordon Rob E. Goucher** Keaton Josef Gray Matthew T. Grayson** Jixin Guo Lindsey Ann Hagan**

Ryan Nicholas Haussmann Nathaniel Hamilton Haynes Xingru He Walter Wallace Hill Lauren Juanita Hines Katherine E. Howell Delano Daniel Hunter Joyce Jiyoon Hur-Yu Muhammad Sajjad Husain Lisa Ann Iannarino** Branndon Dewon Jackson Ajith Mathew Jacob Maxine Cotton Janes Joao Kallas Jatene Jiaxi Ji Rebecca Emery Johnson Clayton Micheal Johnston James Wesley Jones Susan Marjorie Juvet Kashmira Nandkishor Kale Kalyan Chakravarthy Kanakamedala** Jamil Ahmed Mohammad Idris Kasmani Anthony Lee Keyes Andrew J. Kim* Dianne Young Kim Goldayeri Kim Jacob Isaac Klein Meredith Claire Klein Likhita R. Kommidi Moustapha B. Kone Vikram Menon Kumar** Michael Kunkler Barry Ladizinski* Rajaa Laghriab Tammy Lai Albert C. Lardo Ryan William Lees** Natalie Rachel Levy Yang Li Yang Li Bor-ruei Lin** Sen Lin* Melvin C. Long Andrew Francis Longosz Anthony E. Lugo Jessica Preiss Lunken** Michael Hung Ly Jordan Rolla Lynn Timothy Robert Lynn Jr.

Vijayanand Malka Olusola O. Malomo Fanny Naana Manford Negar Manouchehri Kalantari Kareem Ramzi Mansour* Juan Martinez Monika Michelle Mason Andrew Browning Maus Mayarani Mayavan** Adam Cooper Mcdermott** Edward Jamal Meekins Eric Paul Mendez Wesley Kyle Mesirow Jared Robert Mills Reza Mirali Akbari Lauren Marie Modica Ian Patrick Moloney Florcy Morisset Edward Ian Morris Kristin K. Murphy** Daniel R. Myers** Sandeep Sitaram Nadkarni Yusuke Nakamura Laura G. Neisser** Kaitlin Newman George Nishnianidze** Samuel Sunday Nokuri** Keyi Oborokumo* Marguerite Leigh O'Hara Mohamed Bashir Omar Shristi Sarathy Parthasarathy Mehr Pastakia Robert Lynn Peters IV Ly Vu Diem Phan Sharon Phull Danielle Nicole Piccinini Somasundram Pillai Sarah Elizabeth Pisarcik Michael James Pomponi Lifeng Pu Azmina L. Rahemanji Kashmila R. Rathnam Shambhavi Ray Fazal Ur Rehman Katrina S. Rennie Candice Jennifer Richardson Daniel Jason Riddle** Eva Katharina Ritzl Denise Rachel Rodriguez** **Charles Francis Rome** Kathleen Cary Rose

Rachel Emma Rosen Ryan Ross Justin Michael Sacks Karah Salaets Jeffrey Sangillo** Meera Sarathy Leah Rae Sbriscia Brent Christian Schneider Marc David Schron** Andrew Howard Schulick** Mohammed Shamim Meredith Shelby Kai-Sheng Shih Udai S. Sibia Venkata Deepthi Siddhabhaktuni** Zishan Siddiqui Preeti Singh Rubin Paul Singh** Autumn Nicole Slack Adam Jeffrey Slater Eric Allen Smith Ilsa Katrina Snyder Jonathan Wesley Speert** Lydia Laeticia Stamper* Alex Starr Robert B. Stinger** Nicolette Charlotte Strauss Scott Patrick Sullivan Michael S. Swidowich Enrico Tan Lucia Maricielo Tellez Bharath Thota** Raghu Thota** Meghan E. Tolan John Michael Toomey **Kaspars Vavere** Mark Verdecia Debbie P. Walters Hanyang Wang Glen Joseph Warkoski** Ricky M. Wat Matthew Ryan Weir Jr. Paul David Weisbruch** Nakiya Eva Whitaker Dewayne Leo Whitfield Alexis B. Williams** Jeffrey Scott Woolford Meng-Ying Wu Sandro Ernst Wyrsch Huixuan Xie

Boliang Xue David Orest Yakimischak Fangzhou Yang Yeonhee Yang Yingyi Yang Gokben Yildirir** Jungsuk Yum Wei Zhao Yucheng Zheng** Donna Zolfaghari Cichani

Graduate Certificates

Mohamed Abdelsalam Mohamed Ali. Financial Management** Adler Oliver Archer, Business of Health Care Matias Jose Arnal, Investments** Paul Lawrence Baron, Business of Health Care Amanda Marie Beccaloni, Business of Health Care** Gian Michael Bonetti, Business of Health Care** Robert John Corea, Financial Management Belinda Denise Davis, Financial Management** Robert A. Del Conte, Financial Management** Samantha Desmond, Business of Health Care Nazdar Dizevee, Financial Management** Julie Ann Estes, Competitive Intelligence Ashley Elizabeth Fennig, Business of Health Care Robert Bryan Frey, Financial Management** Kristen J. Hasch, Business of Health Care** Alexandra Charlotte Hill, Business of Health Care** Kelly Anne Hunter, *Competitive Intelligence* Jeffrey Lawrence Huston, Financial Management Jessica Jennifer Jeang, Investments Johann Jonsson, Business of Health Care

Zeynep Karahanli Erisek, Financial Management** Parisa Kharazi, Business of Health Care* Jessica Victoria Lehman, Financial Management Matthew Milan Marcetich, Investments Robert Bradley Mountcastle, Business of Health Care Ruben J. Nazario, Business of Health Care Mohamed Bashir Omar, Investments** Kelly Jo Quinn, Financial Management** Rachel Monique Stewart-Campbell, Business of Health Care Michael S. Swidowich, Financial Management Keena D. Thomas, Financial Management Jeffrey Scott Woolford, Business of Health Care Chen Yang, Financial Management**

THE SCHOOL OF EDUCATION

Certificates of Advanced Graduate Study

Stephanie Hanthorne, Counseling Tara Gail McManaway, Counseling**

Post-Master's Certificates

- Deema Al-Sheikhly, Evidence-Based Teaching in the Health Professions
- Paul E. Blackburn, Evidence-Based Teaching in the Health Professions
- Anna Marie Burgner, Evidence-Based Teaching in the Health Professions*
- Heather P. Couchenour, *Applied Behavior Analysis* Julia E. Cunningham, *Applied*
- Behavior Analysis

Richard Andrew Elliott, Evidence-Based Teaching in the Health Professions Rachel L. Gayle, Applied Behavior Analysis Elizabeth Topper Golub, Evidence-Based Teaching in the Health Professions John P. Guzman, Evidence-Based Teaching in the Health Professions Lauren N. Hanley, Clinical Mental Health Counseling** Edward A. Hastings, Applied Behavior Analysis Julia Maria Hernandez, Clinical Mental Health Counseling Jennifer S. Huang, Clinical Mental Health Counseling Sean Huang, Clinical Mental Health Counseling Jessica L. Johnson, Applied Behavior Analysis Elizabeth M. Kamnikar, Clinical Mental Health Counseling* Albert Khait, Evidence-Based Teaching in the Health Professions Richelle D. King, Clinical Mental Health Counseling Jingzhe Lu, Clinical Mental Health Counseling Joseph Donovan Maisel, Clinical Mental Health Counseling* Kimberly Ann McLaughlin, Clinical Mental Health Counseling William G. McNamee, Applied Behavior Analysis Julia L. Miller-Iarossi, Applied Behavior Analysis Eric C. Nemec, Evidence-Based Teaching in the Health Professions Jacqueline Laverne Oliver, Clinical Mental Health Counseling** Kate E. Owen, Applied **Behavior** Analysis Alexis Shannon Rhames, Clinical Mental Health

Counseling

Sonalika Saxena, Applied **Behavior Analysis** Ashley Nicole Sebra, Applied **Behavior** Analysis Stephen Martin Sozio, Evidence-Based Teaching in the Health Professions Tannica L. Stokes, Clinical Mental Health Counseling Ankeet Deepak Udani, Evidence-Based Teaching in the Health Professions* Jiayue Wang, Clinical Mental Health Counseling Amanda M. Wilkinson, Applied Behavior Analysis Masters of Science Denise Abellano, Education Pallavi S. Abraham, Education Egochi P. Achinonu, Counseling Samra Farheen Adeni, Education Stephanie A. Aeschliman, Education* Modesta Agbemaple, Counseling* Karla Estefania Aguayo, Education Yasmeen Ajdari, Education Allera A. Akpan, Counseling Dena Waheeb Alalfey, Counseling Caitlyn D. Alfred, Counseling LeeAnn T. Allen, Education Taliya R. Allen, Education** Jorge Eduardo Alma, Organizational Leadership Allison Almodovar, Counseling Marianh G. Aman, Education Maame Adobea Amoyaw, Education Brittany Anderson, Education Justin Mark Appold, Education Vianney Yamilet Armer, Education Alem Asefa, Counseling Mina M. Attia, Counseling Lukas Friedrich Autenried, Education* Taraneh Azani, Special Education

Gillian W. Babb, Special Education Sadie Allaire Baker, Education* Dieudonne A. Balla, Education** Rachael E. Barillari, Education Ashley Diana Mellott Barnett, Special Education Joanna C. Barnett, Education Kileigh Anne Barringer, Education Shane Michael Bass, Special Education** Audrey Yuriko Nakata Bastian, Education Naomi Blisse Bates, Education Sara Michelle Phillips Battista, Counseling Joshua Allan Bauman, Education** Janelle Anne F. Bautista, Education Phoebe S. Beall, Education Ashley N. Beebe, Education** Katie Melynn Begley, Education Helen Graham Behr. Education* Danielle R. Behrens, Counseling Matilde Beisso, Counseling Jason Belinkie, Counseling** Marissa S. Birke, Education Brittney Michelle Black, Education Natasha C. Blake, Counseling Sam G. Blobaum, Education Montana L. Blum. Education Weslee A. Boehme, Special Education* Nelly J. Boishin, Counseling** Ian J. Bolland, Counseling Meagan M. Bollard, Education Teresa Lynn Boragno, Education Janie Brennan Bordinhao, Education Stephen Nathanael Borunda, Education Jessica Lauren Bosse, Counseling

Aundrea Symone' Boyd, Education** Leona M. Brannon, Counseling Elizabeth S. Brasch, Education Jennifer L. Brenneman, Education Jonathan O. Briggs, Education Rebecca Suzanne Brockman. Education Antoinette Josephine Brou, Education Lauren Camille Brown, Counseling* Shannon N. Browne, Education Richard Brown-Hernandez, Education Jocelyn Browning, Education Lydia Ruprecht Bulavinetz, Education* Caitlin Elizabeth Bullard, Education Hope Burke, Education Madeline R. Burton, Education Stephen Henry Butka, Intelligence Analysis** Tonya Deanna Butler, Special Education** Jennifer Ashley Butwin, Education Monica Alejandra Calderon, Education Cayla Michelle Calfee, Education** Pamela C. Callahan, Education Meredith Dolores Callis, Counseling Sara Jillian Canter, Education Hoang Capistran Murphy, Education Danielle Capon, Counseling Victor Augusto Carias, Counseling Brittany Ann Carton, Education Kim Castro Casimbon, Counseling Veronica Cetnar, Education** Jessica R. Chambers, Education Sarah Lise Chapman, Education*

Edson G. Chavez, Education Eric Andrew Cheever, Education Denise P. Cheng, Education Sung Hyun Cho, Education Towhida Chowdhury, Special Education** Caitlyn A. Clark, Education** Jessica Clark, Education Kasie Clark, Education Melinda Marie Clark, Education Hillary L. Clayton, Education Ira M. Click Jr., Organizational Leadership Jaime Clough, Education Vanessa Dominica Cobb, Education Erin Marie Coco, Counseling** Valerie Solange Coimbra, Education Anna Dorothea Colby, Education Stephanie M. Coleman, Education Anastasia C. Collins. Education Eric Corpus, Special Education** Mitchell R. Corwin, Education Kirby Ann Costello, Education Erin Yvette Coté, Education Jennifer D. Covahey, Counseling Steven B. Covelman, Education Brittany A. Coverdale, Counseling Raven E. Covington, Special Education* Courtney E. Cox, Counseling* David E. Creagh, Intelligence Analysis** Amanda Lee Crescitelli, Education Erica Kristyne Crittendon, Education Chelsea Victoria Cross, Education Martyn Felix Crown, Counseling Brenda M. Cruz, Counseling Arturo Cuevas, Education

Mark W. Cummings, Organizational Leadership Ashley Fiona Cunningham, Education Kelly A. D'addona, Education* Cyrus Davani, Counseling Alisha Renee Davis, Education Brenda Jeanette Davis. Education Joshua Daniel Davis, Education** Kathryn N. Davis, Counseling Samantha Taylor Davis, Education Teresa J. DeBerry, Education** Grace DeChavez, Education Jeri-Ashley DeLeon, Education Nicholas Delzotto, Education** Ashley Danielle Demarest, Special Education* Reed P. DesRosiers, Education Amanda Collette DeStefano, Special Education* Gevork Devoyans, Counseling Mayra Elise Diaz, Education Christina Winsor DiMicelli, Education* Enida Dinaj, Education** David M. DiPanfilo. Education Thu-Tam M. Doan, Education Meighan C. Dober, Education** Virginia Dominguez Bentancur, Counseling Mary E. Donahue, Education** Kellie A. Duffy, Education Alanna K. Dushok, Education* Grace Ellen Eisenhuth, Special Education Zainab A. El Radi, *Counseling* Hanan F. Elbakry, Counseling Irene L. Elder, Counseling Michael E. Elka, Education** Mary Kathryn Ellard, Education Christopher D. Elsenbast, Education Dana T. Epps-Dudley, Counseling Karen Epstein, Counseling Heather Ann Esford, Education

Jennifer Louise Esser, Education Katherine Lee Evans, Education Maria C. Evans, Counseling* Justin R. Fahey, Education Chad Fawcett, Education Ashlev-Anne Constantino Feria, Education Jacob A. Findlay, Education** Karyn Cronin Fisher, Education* Charlotte Fisken, Education Sophia T. Fitzpatrick, Education Aisha Eggleston Ford, Education Christopher M. Forst, Education Hannah Hanson Forster, Education Nancy Basch Foster, Education Raven Reneé Foster, Education Courtney Jennifer Lynn Framm, Counseling Evetha Frances Francois, Education Jillian Rae Frederick, Education Joan Audrey Freedman, Counseling Isaac Benjamin Freeman, Education Lily Irene Friedman, Education Nicole Oliver Fulton, Counseling Dela R. Fyfe, Education Kimberly Lynn Gaesser, Education** Biante' Aris Leigh Gainous, Education Kathryn E. Galasso, Education Katherine L. Garbart, Education Julieta Garcia, Education Kambrell Houston Garvin, Education Wendy Gail Gaunt, Counseling Hannah S. Geis, Education** Negar Ghaffari, Counseling Amyn Gilani, Intelligence Analysis**

Christina Danielle Gilliam, Education Kezia M. Gilyard, Education Jennifer B. Gobrail, Education Madeline Simone Golding, Education** James Daniel Goldsmith, Education Jessica Anne Goldstein, Education Deborah A. Gomez, Education Lauren M. Gomez, Counseling Karla Estefania Gonzalez, Education Julia D. Goodman, Education Lauren Goodsmith, Counseling* Anna A. Gorodetsky, Intelligence Analysis** Oleg Gorodnitskiy, Management Nicole A. Gray, Education Bridget O'Brien Greeley, Education** Ashley Elizabeth Greenberg, Education* Sarah Green-Hosey, Education** Nicholas Arthur Grieshaber, Intelligence Analysis** Colette Michelle Griffith, Special Education* Brian Christopher Grogan, Management** Bethany S. Grove, Counseling Erin E. Gschwind, Education Jessenia Maribel Guerra, Education** Meredith Hall Gummerson, Education Omar Hakim, Intelligence Analysis** Colleen H. Hall, Education Zina Marta Harabatch. Counseling** Regina Navodini Harmsen, Counseling Elizabeth Renee Harnett, Education Imani Joy Harper, Education James A. Harper Jr., Organizational Leadership Kelly Nicole Harper, Education Shane Tyler Hart, Counseling Susan R. Hart, Intelligence Analysis** Kessaraaq M. Hawkins, Education Shamira T. Hawkins, Education Kristen Melissa Heaney, Education Matthew T. Heimberger, Management Shannon C. Held, Education Amy Heltzer, Counseling Bennie H. Henderson Jr., Organizational Leadership Nicole Heney, Education Rachel K. Herlein, Education* Hansel Hernandez, Education Juan C. Hernandez, Education Monica Cecilia Hernandez-Garza, Education Stephanie Hespe, Counseling* Gabrielle Martinez Hewitt, Education** Alexa N. Higginbotham, Education Hydacin D. Hill, Counseling Layla Kimari Hillie, Education Imani C. Hines, Education** Mieosha A. Hobbs, Education Abigail R. Hohne, Special Education Jennifer Hua, Counseling Sean Huang, Counseling* Lisa S. Hughes, Counseling Katheryne Kahalaomapuana Huihui, Education Alicia Michael Humphrey, Education Cory L. Ilgenfritz, Education** Ekua Impraim, Education Lloyd R. Ingerson Jr., Organizational Leadership Justin Daniel Ingram, Education Jeffrey Irtenkauf, Intelligence Analysis** Lauren Miranda Jackson, Counseling Sarah Pauline Finch Jackson, Special Education* Taija Moneit Jackson,

Counseling**

Counseling** David E. James, Organizational Leadership** Kathleen Anne Janes, Education Salimah Karam Ali Jasani, Education Kelsey C. Jimerson, Education Adam Starke Johnson, Counseling Cullen W. Johnson, Education Erica J. Johnson, Education Mariah Arcola Johnson, Education Tashana R. Johnson, Education Victoria A. Johnston, Education Toni S. Jones, Education Valerie S. Jones, Intelligence Analysis** Savanah Joy Jordan, Education Jordunn F. Joubert, Education Danielle L. Jupiter, Education Sahar Kabiri, Counseling Irmak Karayal, Education Leslie B. Karbeling, Counseling* Sasha Karunaratne, Education Ann Rebecca Kaufman, Counseling Morgan Noel Kempthorn, Counseling** Nila Kiani, Special Education Hanna Kim, Education Annalise Suiko Klein, Education Katherine Z. Klein, Education** Katja Elizabeth Kleine, Education Eleanor Diane Kleinman, Counseling Kristen M. Knutson, Special Education** Katherine H. Kollitides, Education Ashley M. Kramer, Education Katherine Louisa Kreft, Counseling

Tanya Rebecca Krieger,

Education

Austin-Drake Aaron James,

Sarah C. Kuser, Special Education* Julia R. Kuwahara, Education David Chi-Wai Lai, Education** Meaghan J. Lambert, Education Gabriel Lamptey, Organizational Leadership Molly R. Larmie, Education Juan B. Lascano Jr., Education Sharlene Mae Laud, Education Kevin Madriaga Laurencio, Intelligence Analysis** Erin A. Lawlor, Special Education Antoinette M. Layfield, Education* Anna X. Le, Education Bruce Leal, Education Eunjung Joy Lee, Counseling Steven W. Lee, Education Morgan T. Leinberry, Education** Katherine Maciell Leiva, Education** Lauren Leonard, Education Hadassa Hope Levenson, Education Michael J. Lewis, Education Kathryn Ligon, Education Ki Taek Lim, Counseling** Rebekah Lipsky, Counseling Lord Ryan Ceria Lizardo, Education Kristen Elizabeth Logan, Education* Alysia Laura Gonzalez Lohman, Education Christine Ashley Looker, Education Jingzhe Lu, Counseling* Rebecca Shen-wen Lu, Special Education Lani Luo, Education Rhiannon Macgowan, Counseling* Melissa Kathleen Maddox, Counseling Brandi Mariah Mahoney, Education

Anne G. Kuhnen, Education

Jason Mahoney, Education Lisa Marie Mandapat, Education Brittnie D. Marcell, Education Lynda Mari, Counseling Anthony P. Marino, Education Angela Martinez, Education Karla Viviana Martinez, Education Mackenzie Rebecca Massey, Education Sadé Natasha Massiah, Counseling Hannah Sunaina Mathew, Education* Rodney Wayne Mathews, Management Lisa Sophia Matsukata, Education Yasmin Louise Matthew, Education James Douglas Mayers, Special Education* Carolyn Elizabeth McClelland, Education Mackenzie D. McCullough, Education Virginia E. McDonagh, Special Education** Patrick McDonald, Education Lori Campbell McEwen, Education Nora Margarete McGann, Education Corbin Parks McGhee, Education Dwight McKinnon, Management Marla D. McPherson, Education Olivia A. McQuade, Education Blair H. Meek, Education Omaira Mejía Castaño, Counseling Erin Elizabeth Meyer, Counseling Tamika D. Mickles, Education Fredolyn R. Millendez, Education Sara Ann Millimet, Education Barbara D. Mitchell, Management*

MASTER'S DEGREES AND CERTIFICATES -

Jennifer M. Monath, Education Nicole Diane Moniz, Counseling* Lina M. Monsalve, Education** Victoria Adrianna Xochitl Morales-O'Connor, Education Davian A. Morgan, Education Kevin Larkin Morgan, Education* Marina Reda Morkos, Education Audrey Maryam Moshfeghian, Education* Kelsey Rae Moskovits, Education Megan Elizabeth Mozley, Counseling* Charles Mullin, Education* Erin K. Mulvanny, Education James McDowell Murphey, Education** Margaret Elizabeth Murphy, Education Mary Frances Myles, Education Karalee Y. Nagel, Education* Courtney J. Nagle, Education Emily Natoli, Education Philip Joseph Navarro, Special Education* Sapphire Chanthra Neang, Counseling** Mark Timothy Nelson, Education Phillip P. Nguyen, Education Benjamin J. Noetzel, Education Taylor Nolan, Counseling Guinevere Faye Norman, Education Paul Joseph O'Brien, Education Ashley Jade O'Connor, Education Courtenay A. O'Connor, Education Corinne M. O'Dea, Education Katharine K. O'Dowd, Education Jacqueline B. O'Hara, Education**

Jaclyn Oleszewski, Education Danielle Sarah Orchant, Special Education* Stephanie Orji, Education Timothy Charles O'Shea Jr., Education Juliana Ospina Cano, Education Karol Tatiana Oviedo Morales, Education Sarah Ann Pagano, Education Chelsea Rene Pajardo, Education Tiangui Pang, Education** Sahrish S. Panjwani, Education Jessica Park, Education Vendette T. Parker, Organizational Leadership Chelseay Alexandria Parks, Education Vida Pascual, Education Victoria D. Patlajan, Education Ienna Michelle Patterson, Education* Danielle Renee Payne, Education Amanda Marie Pedersen, Special Education Emily Catherine Pedersen, Education Ron-Michael Pellant. Education Taylor Kathryn Pendergast Johnson, Counseling Ethan Wayne Percy, Education** Mark E. Person, Organizational Leadership Miriah N. Petruzzi, Education Caitlin B. Pharo, Education Christopher Richard Werner Pike, Education Joseph A. Pires, Intelligence Analysis** Jamille Clayborn Pitts, Counseling Kristen Michele Poole, Education** Onikah L. Porter, Education Juliana Powell, Special Education**

Sirikarn Prammawat, Counseling** Alicia Marie Presley, Education** Michael V. Privitera, Special Education Jocelyn Desiree Providence, Education Natalie Allen Pulsipher, Education Kelly Elizabeth Quinlan, Education Sarah Lindsay Rabourn, Education Anna Alexandra Rafalovich, Education Aerica Dawn Ramos. Organizational Leadership** Philip Matthew Ramunno, Education Jacqueline Renee Randell, Education Kelly Lannon Ransier, Education* Amber Leigh Rauls-Drayer, Education** Martin Louis Reed, Education Amber Reid, Education Dania Angela Reid, Education Justin Timothy Reilly, Education Alexis Shannon Rhames, Counseling* Allison E. Ribb, Education DaJonna Richardson, Education** Gerald A. Richardson, Organizational Leadership Billie Jo Ricketts, Education** Kelsey Rieck, Education Hannah Kay Riegle, Education Mary Elisabeth Rimi, Counseling Brittany Rae Rincon, Education Megan Riordan, Education Katherine Ann Risbrough, Education Samantha Eve Ritwo, Education Elizabeth A. Rivera Cruz, Education Theos A. Rizos, Education

Mary Larkins Robertson, Education* Allyson Annette Robinson, Education Quincy Omar Robinson, Education Adam Rodriguez, Education Taisha Rodriguez, Counseling* Elizabeth H. Rogers, Special Education* Amy Shanna Roggenburg, Education Briggs S. Rolfsrud, $Education^{**}$ Taylor Marie Romero, Education** Renee Shinice Ross, Education Jane Blair Rossheim, Special Education Kathryn Rossi, Education Bryan A. Rothstein, Education** Kristin Danielle Rourke, Education Mariela Rubio, Education Amanda Sarah Rudin, Special Education Allie Pearl Rust, Education Ronald Anthony Saccoccio, Intelligence Analysis** Emily C. Sacher, Counseling* Courtney Anne Salazar, Education Brooks Justin Salter, Education Chelsie J. Salvatera, Education Trisha D. Sanghavi, Education Anna Marie Sannes, Education Darlene Santos, Education Hillary Elisabeth Sapanski, Education Melissa Sara Scatena, Education David J. Schlittler, Education Madison Mae Schmakel, Education Paul Chaim Schneider, Education Alyssa A. Schuck, *Counseling* Kelsey R. Schultz, Education Erin Michelle Schultze, Special Education Alyssa Jami Schwartz, Special Education

Nicole B. Schwartz, Counseling Adrianna D. Scott, Education Hannah Grace Scouten. Education Elise S. Scribano, Education Teagan Irene Seeley, Education Jennifer Louise Seibert, Education* Imalka Anargi Senadhira, Education* Judith M. Serfaty, Counseling* Sonam Jagdish Shahani, Education Kavita Madhukar Shanbhag, Counseling* Jaishri Shankar, Education** Morgan Ashley Shepard, Education** Jessica Wood Shepherd, Counseling David C. Sherwin, Education** Jason M. Sherwood, Education* Megan D. Shoen, Education Ashley Simmons, Counseling* Julie Simon, Counseling Karl Anthony Simpson Jr., Education Chelsea Noelle Singlehurst, Education Robert Charles Sirois, Education Miles Devon Skeens IV, Education* Donald H. Slimmer, Organizational Leadership Allison L. Smith, Education Alyssa Marie Smith, Education Evan C. Smith, Education Melanie G. Smith, Education Angelica Grace Sogor, Education* Anja Elizabeth Speckhardt, Education Ava C. Spindt, Education Michael Alan Spochart, Organizational Leadership Robert Jackson Sprayberry, Education Sarah Caroline Spund, Counseling Jessica L. Stabler, Education

Natalie C. Stapert, Education*

Jennifer A. Stearns, Education Juliana R. Steers, Counseling* Jacob S. Stefan, Education Alan Steimberg, Counseling Lee Tomkin Stern, Counseling Emilie C. Stewart, Education Dana L. Stone, Education Tabitha Kay Stough, Education Amy E. J. Strayer, Education** Crista L. Studer, Counseling Hannah M. Stumpp, Education Lena Ray Stypeck, Education Hakeem Oladapo Sule, Education Kaitlin Gill Sullivan, Education** Lennie Kathryn Summers, Education Ryan A. Sutter, Organizational Leadership** Caitlin Harrigan Sweeney, Education Sara B. Tabesh, Counseling Arielle A. Taft, Education* Alexis Joyce Taylor, Education Ryan J. Tegtmeyer, Education* Valerie Ellen Thompson, Education** Jeremy R. Tippett, Organizational Leadership Megan Tobin, Education Meghan Kathleen Toler, Counseling** Deanna Tompkins, Education Alex J. Toole, Education Kristi M. Tousignant, Education Stephanie Tran, Education Jennifer Travis, Education Minhtam Ngoc Trinh, Education Natalie Ngoc Trvong, Education Jason E. Tyler, Organizational Leadership Marirose Ungerman, Counseling Catherine C. Urgiles, Education April Lynn Valencik, Education Ashley Lauren Varela, Education**

Rebaca Varghese, Education

Margaret Grace Vicker, Education Christina Vien, Education Frederick Vincent, Education** Daniel L. Walker, Education Geraldine Wallace, Counseling Steven J. Walsh, Education** Nicole Walter, Counseling Jiayue Wang, Counseling* Elizabeth Suzanne Ware, Education Carly Brooke Wasserman, Education Ashley Ann Waters, Education Zachary J. Watson, Education Allison K. Weigel, Education Rachel West, Education David Boisvert Whitcomb, Education Adam Troy White, Education Thomas Joseph Whiteleather, Counseling Julia Gates Whiteley, Education Karen Marie Whiting, Education David Norbert Wild, Education Sarah K. Wilfong, Education Jasmine Delynn Williams, Education Taquana M. Williams, Education Triana Camille Williams, Counseling Erica C. Williams-Randolph, Special Education** Carra Justine Wilson, Education Michael S. Wilson, Organizational Leadership Sharnice Symone Wilson, Education Suzann Rebecca Wilson, Counseling Graham Windham, Intelligence Analysis** Reychal Lynn Windham, Intelligence Analysis** Leigh Anne Winger, Education Ellen S. Winter, Counseling Amber Rae Wood, Education Stephanie Lynn Woodrow, Counseling

Molly Ruttkay Woods, Education Yiwen Katherine Wu, Education Anne Louise Wynters, Education Jammie Yang, Special Education Carrie Curtis Young, Counseling Emily Marion Young, Education Christina Yuknis, Education** Alexandra Gentile Zellner, Counseling Chenxi Zhao, Education Heather Anne Ziemba, Education Mary Zimmermann, Education Matthew Justin Zipp, Education

Masters of Education

Deema Al-Sheikhly, Education Anna Marie Burgner, Education* April Sullivan Fitzgerald, Education Jessica Anne George, Education Elizabeth Topper Golub, Education Craig Goolsby, Education John P. Guzman, Education Shailesh Jain, Education Marjorie R. Jenkins, Education* Mariko Nowicki, Education Robert S. Oakley, Education** Shannon H. Poling, Education** Michael Sean Ryan, Education* Cheryl Meredith Salamone, Education** Shiva Sarraf-Yazdi, Education Deborah Ann Schwengel, Education Ankeet Deepak Udani, Education*

Masters of Arts in Teaching

David A. Biel Trishanna Kameek Blake Samuel Corbin Bond Keith Le Roy Brock Lillian Chang Vanessa Chazelle Michelle Lynn Clements* Naomi Dlohigbe Couplin* Dineica Martise Davis Lisa R. Dziak Elizabeth Ann Fowler* David Samuel Hallman Brandon Samuel Harwood Elizabeth Anne Kaplan Haley Margaret Kruell Michelle Ladas **Justine Sive Lassar** Connor Duroska Leidl Peace C. Madueme Stephanie R. Malpass William B. McGettigan Razzel Nizza Lontok Mendoza Nicola Omatsola Nicolas Christopher Pavlovich Rebecca Helmle Penniman Jessica Reeves Porter* Lia Emily Psillos Rebecca Anne Puelle Allison Rabik* Miriam Lorraine Rodriguez Omari Rashad Sarjeant Victoria Jane Shannon Molly Elizabeth Snyderman Nicole Germaine Spence Sean Michael Sullivan* Devin D. Ward* Brandi L. Wiegner Brendan Williams Matthew Abraham Willoughby Justine C. Wise* Gabrielle N. Yarra

Graduate Certificates

Roderick A. Adams, School Administration and Supervision** Andrea M. Albertini, School Administration and Supervision*

Vonda La'Rae Anderson-Johnson, Education of Students with Autism and Other Pervasive Developmental Disorders* Lukas Friedrich Autenried, Urban Education* Jillian Catherine Bastow, School Administration and Supervision* Joshua Allan Bauman, Educational Leadership for Independent Schools** Weslee A. Boehme. Differentiated/Inclusive Education: Advanced Methods for Instruction* Melanie A. Bowdish, Mind, Brain and Teaching** Doreen Ann Brandes, Education of Students with Autism and Other Pervasive Developmental Disorders* Tonya Deanna Butler, Differentiated/Inclusive Education: Advanced Methods for Instruction* Shawn T. Canady, School Administration and Supervision* Summer J. Carter, School Administration and Supervision Sarah Lise Chapman, Earth/ Space Science* Valencia D. Clay, School Administration and Supervision* Samantha Payton Cotton, Gifted Education Sara C. Cypress, School Administration and Supervision* Lori Beth Davis, School Administration and Supervision* Teresa J. DeBerry, Leadership for School, Family, and Community Collaboration** Teresa J. DeBerry, Urban Education** Ashley Danielle Demarest,

Education of Students with

Autism and Other Pervasive Developmental Disorders* Ashley Danielle Demarest, Education of Students with Severe Disabilities* Lauren DiBarba, School Administration and Supervision Emily A. Dillard, Educational Leadership for Independent Schools* Christina Winsor DiMicelli, Leadership in Technology Integration* Enida Dinaj, Educational Leadership for Independent Schools** Alanna K. Dushok, Leadership in Technology Integration* Alanna K. Dushok, School Administration and Supervision* Elizabeth Lenore Eiler, Education of Students with Autism and Other Pervasive Developmental Disorders* Allyson Elizabeth Eno, Mind, Brain and Teaching Liza V. Eslava, English as a Second Language (ESL)** Elizabeth A. Fischer, School Administration and Supervision Karyn Cronin Fisher, Teacher Leadership* Karyn Cronin Fisher, Educational Leadership for Independent Schools* Victor Patrick Fitzjarrald, School Administration and Supervision* Sophia T. Fitzpatrick, School Administration and Supervision Sophia T. Fitzpatrick, Urban Education Nancy Basch Foster, Adolescent Literacy Education Julianne M. Foster Smoot, Education of Students with Autism and Other Pervasive Developmental Disorders*

Megan L. Friedman, School Administration and Supervision Jane Patricia Friend, School Administration and Supervision* Isabel C. Furches, Education of Students with Autism and Other Pervasive Developmental Disorders* Erin K. Ganzzermiller, K-8 STEM Education Lead-Teacher* Hannah S. Geis, Leadership in Technology Integration** Sonya Pamela Glasser, School Administration and Supervision Katherine L. Gleason, Education of Students with Autism and Other Pervasive Developmental Disorders* Andrew David Gorby, School Administration and Supervision** Eunique Valise Gray, School Administration and **Supervision** Sarah Green-Hosey, Teaching the Adult Learner** Heath Strickland Harrison. Education of Students with Autism and Other Pervasive Developmental Disorders* Derek L. Harwell, School Administration and Supervision* Monica Hetrick, School Administration and Supervision* Monica Hetrick, Gifted Education* Erin M. Iman, *Education of* Students with Autism and Other Pervasive Developmental Disorders Sarah Pauline Finch Jackson, Differentiated/Inclusive Education: Advanced Methods for Instruction* Bridget M. Jefferys, School Administration and Supervision

Richard L. Jeffries, School Administration and Supervision**

Tashana R. Johnson, Leadership in Technology Integration**

Tashana R. Johnson, School Administration and Supervision**

Andrea Leigh Martin Jones, School Administration and Supervision*

Maureen McNamara Jones, School Administration and Supervision

Carlos James Kassam-Clay, School Administration and Supervision*

Kristen Marie Knutson, Education of Students with Autism and Other Pervasive Developmental Disorders

Matthew W. Kostecka, School Administration and Supervision*

Sarah C. Kuser, Early Intervention/Preschool Special Education Specialist*

Sarah C. Kuser, Education of Students with Autism and Other Pervasive Developmental Disorders*

Neeli Clute Lambert, *Mind*, Brain and Teaching**

Antoinette M. Layfield, K-8 Mathematics Lead-Teacher*

Antoinette M. Layfield, *Earth/ Space Science**

Anthony Addison Leonard, School Administration and Supervision

Kathryn Ligon, Leadership for School, Family, and Community Collaboration**

Kathryn Ligon, School Administration and Supervision**

Heather M. Lister, School Administration and Supervision*

Kristen Elizabeth Logan, Leadership in Technology Integration* Megan MacFeat, Education of Students with Autism and Other Pervasive Developmental Disorders* Angela R. Matsen, Education of Students with Autism and Other Pervasive Developmental Disorders* Virginia E. McDonagh, Education of Students with Autism and Other Pervasive Developmental Disorders** Virginia E. McDonagh, Early Intervention/Preschool Special Education Specialist** Patrick McDonald, Data-Based Decision Making and Organizational Improvement John David Merrill, School Administration and **Supervision** Adam McKay Mills, School Administration and Supervision* Tiangui Pang, Differentiated/ Inclusive Education: Advanced Methods for Instruction** Jenna Michelle Patterson, Mind, Brain and Teaching* Jenna Michelle Patterson, School Administration and Supervision* Amanda Marie Pedersen, Education of Students with Autism and Other Pervasive Developmental Disorders Ron-Michael Pellant, Leadership in Technology Integration Ethan Wayne Percy, Leadership for School, Family, and Community Collaboration** Ethan Wayne Percy, Educational Leadership for Independent Schools** Mary Haden Peterkin, Educational Leadership for Independent Schools** Rebecca Mildred Pohl, School Administration and Supervision** Juliana Powell, Education of Students with Autism and

Other Pervasive Developmental Disorders** Juliana Powell, Education of Students with Severe Disabilities** Dania Angela Reid, Urban Education Briggs S. Rolfsrud, Online Teaching and Learning for Adults** Briggs S. Rolfsrud, Mind, Brain and Teaching** Bryan A. Rothstein, Teacher Leadership** Bryan A. Rothstein, School Administration and Supervision** Brooks Justin Salter, Leadership for School, Family, and Community Collaboration Brooks Justin Salter, Urban Education Anna Marie Sannes, Urban Education Anna Marie Sannes, Differentiated/Inclusive Education: Advanced Methods for Instruction Tracy L. Saponara, Education of Students with Autism and Other Pervasive Developmental Disorders* Karl Schiffgens, School Administration and Supervision Sarah Scholl, School Administration and Supervision* Imalka Anargi Senadhira, Educational Leadership for Independent Schools* Carolyn L. Seubert, School Administration and Supervision* Sonam Jagdish Shahani, School Administration and Supervision* Sonam Jagdish Shahani, Leadership in Technology Integration** Fahnie Stewart Shaw, School Administration and

Adult Learner** Jason M. Sherwood, Leadership in Technology Integration* Jason M. Sherwood, School Administration and Supervision* Juno Jermel Simmons, Leadership in Technology Integration** Juno Jermel Simmons, School Administration and Supervision** Priscilla Kathlyne Sinon, School Administration and Supervision* Angelica Grace Sogor, Leadership in Technology Integration* Angelica Grace Sogor, Teaching the Adult Learner* Natalie C. Stapert, Educational Leadership for Independent Schools* Amy E. J. Strayer, Differentiated/Inclusive Education: Advanced Methods for Instruction** Amy E. J. Strayer, Emergent Literacy Education** Hakeem O. Sule, Educational Leadership for Independent Schools Ryan J. Tegtmeyer, Teacher Leadership* Ryan J. Tegtmeyer, Leadership in Technology Integration* Catherine E. Teodosio, Education of Students with Autism and Other Pervasive Developmental Disorders* Darcie L. TeVault, School Administration and Supervision* Candice Michelle Thomas, School Administration and Supervision Maria Baronessa B. Tiernan, Education of Students with Autism and Other Pervasive Developmental Disorders* Megan Tobin, Urban Education

David C. Sherwin, Teaching the

Supervision*

Milagros Solayao Tolentino, Education of Students with Autism and Other Pervasive **Developmental** Disorders* Alice Jayne Van Sant, Education of Students with Autism and Other Pervasive Developmental Disorders* Frederick Vincent, Online Teaching and Learning for Adults** Frederick Vincent, Data-Based Decision Making and Organizational Improvement** Tamesha L. Webb. School Administration and Supervision** Allison K. Weigel, Leadership for School, Family, and Community Collaboration Allison K. Weigel, Urban Education Sarah K. Wilfong, Urban Education** Sarah K. Wilfong, Mind, Brain and Teaching** Jennifer Anne Wilson, School Administration and Supervision Christina Yuknis, Data-Based Decision Making and Organizational Improvement**

Chenxi Zhao, Educational Leadership for Independent Schools

THE PEABODY CONSERVATORY

Graduate Performance Diplomas

Chi-Yin Chen, Violin Alan Choo, Violin Mark William DeMull, *Percussion* Alexander Ronald Fournier, *Jazz Bass* Bjorn Thor Grina, *Percussion* Chentian Gu, Violoncello Jonathan Z. Guo, *Jazz Bass* Brandon Lee Harris, *Double Bass* Nathan John Hook, Jazz Saxophone Wen-Wen Vivian Hou, Violin Byung Seo Kang, Jazz Percussion Diana Kim, Piano Ki Won Kim. Violin Ju Young Lee, Ensemble Arts: Vocal Accompanying Myung Keun Lee, Conducting Sun-Young Lee, Viola Young Eun Lee, Voice Hanni Li, Voice Wan-Ching Liu, Piano Gabriel Epafrodito Meza, Violin Sanjay P. Mody, Piano Yun Joung Park, Piano Aleah Analia Prentice, Voice Kah Yun Song, Flute Aik Shin Tan, Early Music: Baroque Flute Ming-Ching Tseng, Violin Rebecca E. Wood, Voice Akkra Yeunyonghattaporn, Piano

Artist Diploma

Jasmine Hogan, Harp

Masters of Music

HyunJeong Ahn, Piano Lauren Anderson, Voice Alyssa Bell, Viola Katherine Elizabeth Bell, Voice/Pedagogy Dominic Leo Brancazio, Horn Christopher Guy Buchanan, Musicology Sean William Calhoun, Composition Kuan-Hua Chen, Viola Yi-Hsien Chen. Clarinet Yu-An Chen, Piano Peter Neil Dayton, Composition Stanley John DeLage, Piano Zhuorui Deng, Conducting Michael Dodge, Voice Taylor-Alexis Louise DuPont, Voice

Kassandra Vanessa Ferrero, Double Bass Raymond Allen Fisk, Euphonium and Wind Conducting Karlo X. Flores, Conducting Zoe Melissa Fried, Oboe Aaron Connor Gage, Composition Yifan Gao, Computer Music Composition Joseph Scott German, Viola and Musicology Wei Guo, Composition Tirzah Nicole Hawley, Voice/ Pedagogy Thomas Alfred Eugene Hochla, Voice Jisoo Hong, Violin Yoonji Hong, Piano Jeffrey James Hosier, Music Education Yi-Ting Hsieh, Clarinet Chia-Shan Hsu, Violin Jonathan R. Hugendubler, Composition Joshua Kenneth Hughes, Voice/Pedagogy Joseph Spencer Isom, Violoncello Young Ik Jang, Guitar Hanbing Jia, Violin Eunhye Jung, Piano/Pedagogy Song Eun Jung, Violin Kyu Ree Kang, Piano/Pedagogy Eun Hey Kim, Voice Keun Hwa Kim, Piano SooJung Kim, Piano Syon Kim, Piano Taehwan Kim, Voice Kyle Anders Krause, Composition Johanna Miriam Kvam, Ensemble Arts: Vocal Accompanying Benjamin Joseph LaPrairie, Organ Jeongmin Lee, Violin Ya Yu Lee, Voice Huisi Liang, Computer Music Composition Xiao Liang, Computer Music Composition

Joachim Theodore Lim, Percussion and Musicology Hengyue Lin, Piano/Pedagogy Jia Lin, Voice Chang Liu, Voice Shicong Liu, Computer Music Composition Christine Danielle Lyons, Voice Jacques-Pierre Malan, Violoncello Benjamin John Mapes, Percussion Paula Gail Maust, Early Music: Harpsichord Elizabeth Anne Milligan, Flute Peyson Lee Moss, Ensemble Arts: Vocal Accompanying Jason Adam Mulligan, Composition Robert Neubauer, Computer Music Composition Matthew Overbay, Percussion Minhee Park, Piano Molly Jonghye Park, Voice Alexandra Katherine Patterson, Voice Fatima Atai Petersen, Music Education Stefan Z. Petrov, *Music Theory* Pedagogy Ricson M. Poonin, Trombone Yan Qiao, Violin Michelle Rofrano, Conducting Rebecca Ellen Roose, Voice Crystal Marie Rufenacht, Music Education Christopher D. Salvito, Percussion Gary Walter Sampsell Jr., Musicology Seon Yeong Seol, Violin Chuanqi Shang, Voice Weily Shay, Clarinet Oscar K. A. Somersalo, Guitar Grace Hanna Srinivasan, Voice Meng Su, Guitar Adam Garland Swanson, Musicology Emily Elise Tate, Voice/ Pedagogy Yee Loi Taylor Tin, Viola Karen Elizabeth Toney, Percussion

Brian W. Tracey, Clarinet Ming-hsuan Grace Tsai, Flute Magnus Villanueva, Piano Chenchen Wang, Piano Lizao Wang, Organ Trevor Ward, Bassoon Natanya Sheva Washer, Voice Julia Jia Lee Wen, Violoncello/ Pedagogy Lior Adin Willinger, Piano Ryan Woodward, Computer Music Composition Ping-Hsin Wu, Flute Bo Xu, Trombone Jinju Yeo, Clarinet Haijiao Yu, Computer Music Composition Wanyang Zheng, Piano

Masters of Arts

Madeline Claire Brumback, *Audio Sciences* Jose Andres Lobo, *Audio Sciences* James Aaron Meade, *Audio Sciences* Ubachukwu Anaeneolisa Odunukwe, *Audio Sciences* Hyoungkun Oh, *Audio Sciences* Rebecca Jean Wiles, *Audio Sciences* Jiyang Zhou, *Audio Sciences*

THE SCHOOL OF NURSING

Masters of Science in Nursing

Ariel Adams** Elisa Pauly Apostle Margaret Gibson Arnett* Sharon Gerette Beautz** Meagan Wyatt Bedsaul** Rosemary Bekker Carlo Alberto Bell** Claire E. Berthold** Jamie Lawson Blackwood** Maren Bohne Ellen Elizabeth Bolt** Kelley Anne Boyle** Cyasha Simone Brown** Emily Allyn Chase Tina Elizabeth Chikovani** Melissa Chon** Katie Chwastyk** Andrea Drew Danielson Tu Anh Ngoc Dao Ashley Brinker Davis** Alexa Starr Dougherty** Glynis A. D'Silva** Colleen Ryan Dudley Stephanie A. Estes** Lacy Lynnae Gee** Alexis Nichole Gillespie** Andrea Lynn Girard** Orin Stefan Greene** Judith Lee Greengold* Rachel Marie Hannon Elizabeth Harlow Hassan** Maureen Hohn Henley Mary Grace Hensell** Liliana Andrea Hervey** Micaela Mae Hinojosa** Amanda Kathleen Housel Sharon Elizabeth Huang Erin Elizabeth Hunter MinJeong Jeon** Diva Margareth Jonatan Madonna C. Kelly** Alyssa Kay Klingbeil** Kathryn Anne Kloss Yuliya Labko* Shanique Leah Lankford Brenda Mary Lawrie** Alissa Kathrina Love** Caroline McTeague** Theresa Anne Medicus* Yemesrach Tesfaye Mengesha** Michelle S. Milly** Jessica Fant Norkoski* Laura Mae Norton** Marco Rodrigo Oldsman Valerie Vandenberg Owen Melissa Nicole Paterakis Sophia Camille Pemberton** Kimberly Ann Peterson** Dinah Lorraine Price** Allison Burns Pullen** Diana Miller Rice** Christine A. Robson** Jessica Ann Savage** Jacquelyn Rae Scott** Leslie Rebecca Shrager** Courtney Anne Stone**

Mary Elizabeth Swoyer* Jennifer Nicole Tate** Dorte Thorndike** Shaun Marie Tompkins** Mallory Beth Trosper** Grettell Vannessa Vitale** Leigh Virginia Von Rueden Kathleen Ruka Weaver** Sarah Jane Weber** Mariah Porcher Whisenhunt Mary Margaret Willmon** Yolanda Marie Winters** Delenie Wong** Sarah Jayne Woodbury** Maire Elizabeth Wray** Kaitlin Woike Wright** Grace H. Yoo** Alison Newell Young*

SCHOOL OF NURSING AND BLOOMBERG SCHOOL OF PUBLIC HEALTH

Masters of Science in Nursing/Masters of Public Health

Fidela Tak-Yee Chiang* Yoonkyung Anna Chung** Kathryn Helfrich** Lindsey Kathleen MacNeil* Liduina Ngwenyi Ngundam* Carolyn Beth Summer*

SCHOOL OF NURSING AND CAREY BUSINESS SCHOOL

Masters of Science in Nursing/Masters of Business Administration

Jenny Mathew Onyinye Oki Mkparu**

BLOOMBERG SCHOOL OF PUBLIC HEALTH

Masters of Science

Lanre Idris Adekola, Biochemistry and Molecular Biology* Claire Marie Anderson, Health, Behavior and Society

Yasmin Ara Baig, Molecular Microbiology and Immunology Alisa Ann Bochnowski, Molecular Microbiology and Immunology Jacob Lee Carey, *Epidemiology* So Yung Choi, *Biostatistics* Kyle Walter Davis, *Health*, Behavior and Society Molly Deutsch-Feldman, Epidemiology Renuka Elizabeth Joseph, Molecular Microbiology and Immunology Jingru Fang, Molecular Microbiology and Immunology Himaja Gaddipati, Biochemistry and Molecular Biology* Geetha Sankar Narayanan Iyer, Epidemiology Aqsa Jamil, *Molecular* Microbiology and Immunology Lai Jiang, *Epidemiology* Hongseok Kim, Epidemiology Jennefer Noe Kohler, Health, Behavior and Society Shaheen Shiraz Kurani, Molecular Microbiology and Immunology Yury V. Kuzmichev, Molecular Microbiology and Immunology Hanying Li, Biostatistics Menglu Liang, *Epidemiology* Eleni A. Liapi, Clinical Investigation* Sang-Mi Nam, Biochemistry and Molecular Biology* Anne Elizabeth Nigra, Epidemiology Gina Marie Norato, Biostatistics Amy Kathryn Poupore, Molecular Microbiology and Immunology Amrita Rao, Epidemiology Arthur Anthony Alfonso Reyes, Molecular Microbiology and Immunology

*Degree conferred August 21, 2015 **Degree conferred December 30, 2015 Jennifer Leigh Rivers, Molecular Microbiology and Immunology Ryan Eduardo Rodriguez, Molecular Microbiology and Immunology Gautam Anand Shrivastava, Biochemistry and Molecular Biology** Sarah Rose Van Tol, Molecular Microbiology and Immunology Jennifer Rui Wang, Epidemiology* Ayobami Louis Ward, Biochemistry and Molecular Biology* Megan Catherine Weitner, Molecular Microbiology and Immunology Chao Yang, Epidemiology Yang Ye, Molecular Microbiology and Immunology Sheng Zhou, Epidemiology Masters of Science

Masters of Science in Public Health

Onaopemipo Oluwadamilola Abiodun, International Health Bosede Adenekan, Health, Behavior and Society** Oluwakemi Loriade Akin-Olugbade, International Health Michael Ebelechukwu Anidi, International Health Shadee Ashtari, Health Policy and Management Iman A. Barre, International Health Catherine Bongka Baye, Population, Family and Reproductive Health Lucy Marie Cunningham Bertocci, Health Policy and Management Jasmine Michelle Blake, International Health Eva K. Bugos, Population, Family and Reproductive Health

Sarah Beth Camitta, Health, Behavior and Society Elizabeth Anna Campbell, Health Policy and Management Yipu Monica Chen, International Health Gwen Marie Chodur. International Health Daniel Inyoung Choi, International Health Briani Claggett, International Health Steven Joseph Clipman, International Health Kaitlyn Anne Corbin, Health Policy and Management Chelsea Paige Corson, International Health Sarah Nicole Cox, International Health Adam Robert Crum. Environmental Health Sciences* Amanda Nicole Decker, Population, Family and Reproductive Health **Raymond Alphonse Desautels** IV, Health Policy and Management Baldeep Kaur Dhaliwal, Health Policy and Management Priyo Djatmiko, Environmental Health Sciences* BreeOna Curry Ebrecht, International Health Ellen Eichenbaum. International Health Sheila Etchu Enoh, International Health Shalini Anuththara Eragoda, International Health** Kimberly Lorraine Espinosa-Schroeder, Health, Behavior and Society** Leah Hughey Ewald, International Health Jenna Leigh Fahle, International Health Cecilia A. Flatley, International Health Ruthly Francois, International Health

Julia Alexandrovna Gall, International Health** Alison Marie Gauthier. Environmental Health Sciences Debra Gayle Gilbert, Health Policy and Management Claire Louise Gillum. International Health Swati Goel, International Health Alexandra Rachel Greenberg, International Health Jillian Danielle Griffith, International Health Matthew Ruland Grigsby, International Health Kia Anne Guarino. International Health** Sarah Gutkind, Health, Behavior and Society Anzer N. Habibulla, Health Policy and Management Mignote Solomon Haile, International Health Kendra Michelle Harmon, International Health Caitlin Nicole Hawley, International Health Shahana Hirji, Health Policy and Management Jacqueline LaVon Hollada, Health, Behavior and Society Christopher H. Hook, Population, Family and Reproductive Health Lynka Ineza, International Health Mohammad Shahidul Islam. International Health Annelise Iversen, International Health Bianca Danielle Jackson, International Health Shulin Jiang, International Health Safia Shafiq Jiwani, International Health Caleb William Jones, Environmental Health Sciences** Hayoung Jun, Environmental Health Sciences

Julia Kaminsky, International Health Akshay Kapoor, Health Policy and Management Matthew James Keenan, International Health Madeline L. Kiefer, International Health Natalie Kish, Health Policy and Management Liore Hilah Klein, Population, Family and Reproductive Health Maria Matina Kofas, International Health Jordan Gauthier Kohn, Health, Behavior and Society Chytanya Robby Kompala, International Health Anne Thayne Kott, Health, Behavior and Society Yu-Hsuan Lai, Population, Family and Reproductive Health Aliza Ketziah Lailari, International Health Amanda Caroline Long, International Health Caitlin Marie Lowery, International Health Wenwan Lu. Environmental Health Sciences** Megan Marie Lydon, Population, Family and Reproductive Health Arielle Buijs Mancuso, International Health Tracy Lauren McClair, Population, Family and Reproductive Health Robin Dwight Megill, International Health María José Mejía Ruiz, International Health Marela Kay Roque Minosa, International Health Monica Miranda, International Health Hsu Hnin Mon. International Health Kyla Marian Mor, Health Policy and Management Brooks William Morgan, International Health

Isabel Anna Morgan, Population, Family and Reproductive Health Tomohiko Morita, International Health John Francis Mulcahy, Health Policy and Management Kelley Paige Murfin, Health, Behavior and Society Caitlin Louise Murphy, Population, Family and *Reproductive Health* Chineye C. E. Obule Nee Isichei, Environmental Health Sciences Rachel Nicole Oemcke. International Health Okan Erol Olgac, International Health Oladeji Khafilat Oloko, International Health Emma Rachel Oppenheim, Health Policy and Management Shalini Pammal, Health Policy and Management Shristi Pandey, International Health Amanda Ariani Pereira, International Health Emma Caroline Posner. Population, Family and Reproductive Health Yie Mary Qiu, International Health Radhika Srinivasan Raghunathan, Population, Family and Reproductive Health Namratha P. Rao, International Health** Carina Marie Reichelt Rosado. International Health Amanda Magdeline Rzepkowski, International Health Allysan Paige Scatterday, International Health Jessica Lynn Schue, International Health Anthony Michael Schwegmann, Environmental Health

Sciences**

Alexandra R. Searle. International Health Ye Shen, International Health Ji Won Shon, Health Policy and Management Lilly Virginia King Siems, International Health Yeri Son, International Health Amanda Asha Stearns, Health, Behavior and Society Hannah Elizabeth Steinberg, International Health Matthew John Stewart, Health Policy and Management Ann Norinne Suk, International Health Graham Lawton Sutherland, International Health Colleen Marie Synk, Health, Behavior and Society Ru Fen Vicky Tay, Environmental Health Sciences Craig Steven Terwilliger, Environmental Health Sciences** Alvin George Thomas, International Health Nicole Hallie Thornton, Health, Behavior and Society Natalie Jean Tibbels, Health, Behavior and Society Rachel Hannah Turkel, International Health Prarthana Vasudevan. International Health** Rena Georgia Vlahodimos, Health Policy and Management Michelle Alysa Vogel, International Health Alicia Eileen Vooris, Population, Family and Reproductive Health Kelli Vos, Health, Behavior and Society Joseph E. Walburn, Health Policy and Management Melody Wang, International Health Patrick T. Wedlock, International Health

Fiona H. Weeks, Population, Family and Reproductive Health Christina Pei Tzune Whang, International Health Joey Robert Williamson, Environmental Health Sciences Erin Elizabeth Wingo, Population, Family and Reproductive Health Yumeng Wu, International Health Ningze Xu, International Health Ching-Wen Wendy Yang, International Health Erin Pearl Yastrow, Health Policy and Management Liye Ye, Health Policy and Management Ping Teresa Yeh, International Health Kayla Brooke Zalcgendler, Health, Behavior and Society Yiqing Zhao, Health, Behavior and Society Arielle Aleksandra Zina, Health Policy and Management Masters of Health Science Sadaf Sadie Ahari, Mental Health Akriti Ahuja, Environmental Health Sciences Ibrahim A. Al-Jabbar, Mental Health William Cox Altekruse, Mental Health Loretta R. Anderson, Mental Health Kim Aquino, Biochemistry and Molecular Biology Rashmi Nisha Aurora, Clinical Investigation**

Investigation** Briella Lexene Baer, Mental Health Javaughn R. Baker, Biochemistry and Molecular Biology

Joshua Troy Barnett, Mental Health Sunakshi Bassi, Mental Health Rachel Shaina Bergstein, Health, Behavior and Society** Brendan Gerard Blackford, Biochemistry and Molecular Biology Jennifer Roell Brandon, Environmental Health Sciences Laura Ioana Budurlean. Biochemistry and Molecular Biology Ruth Allen Burrows, Epidemiology Yue Cao, Health Policy and Management Laura Christine Cappelli, Clinical Investigation* Carolina Ivonne Cardona Cabrera, International Health Carlos Xavier Castellanos. Biochemistry and Molecular Biology Daniel J. Chang, Molecular Microbiology and Immunology Amandip S. Cheema, Biochemistry and Molecular Biology Alice Sofie Yi-Jean Chen, Biochemistry and Molecular Biology Di Chen, Epidemiology Mingxin Chen, Health Policy and Management Qinyu Chen, Biochemistry and Molecular Biology Xiaohan Chen, Epidemiology Yan Chen, Epidemiology Yujiang Chen, Epidemiology Francine Chingcuanco, Epidemiology Marli DeAnn Choate. Mental Health Shannon Elizabeth Ciprut, Health, Behavior and Society** Adrian Antonio Cotarelo, Epidemiology* Deanna Marie Cotsalas, Biochemistry and Molecular Biology

Kathryn King Cristaldi, Population, Family and Reproductive Health* Norah Lee Crossnohere, Health. Behavior and Society** Monica Latreice Daniels, Mental Health Bailey Marie DeBarmore, Epidemiology Tara Grant Dhingra, Epidemiology Anjali Preetika Dogra, Clinical Investigation* Leena K. Elbedour, Molecular Microbiology and Immunology Romanus Roland Faigle. Clinical Investigation* Jason Ira Feinberg, Mental Health Anthony Richard Fidaleo, Biochemistry and Molecular Biology Amelia Rae Fitts, *Biochemistry* and Molecular Biology Sarah Jane Flessa, Epidemiology Megan Hoi Yan Fong, Biochemistry and Molecular Biology Danyelle Maria Fraser, Biochemistry and Molecular Biology Ruth Julia Geller, Epidemiology Anagha Uday Gogate, Health Policy and Management Kaylin Shae Gonzalez, Biochemistry and Molecular Biology Shelby Marie Graham, Molecular Microbiology and Immunology Adrienne Janelle Green, Biochemistry and Molecular Biology Pavitra Venkata Gudur, Molecular Microbiology and Immunology Hibbah Haddam, Molecular Microbiology and Immunology Liya Haile, Biochemistry and Molecular Biology Bereketab Hailesealassie, Clinical Investigation*

Katherine Elizabeth Hamlet. Biochemistry and Molecular Biology Gerard Dean Hampton, Mental Health Noor Aladdin Hason. Biochemistry and Molecular Biology Deson Galen Haynie, International Health Katherine Elizabeth Hein, Mental Health Sophia Eugenie Heitmiller, Biochemistry and Molecular Biology Rezzan Hekmat, Molecular Microbiology and Immunology Jason Corey Hirshberg, Biochemistry and Molecular Biology Sarah Rose Holloway, Mental Health Gina Hong, Clinical Investigation* Jonathan Colin Hong, Health Policy and Management John Wesley Hopkins, Mental Health Ping Hu, Biostatistics** Yuru Huang, Epidemiology Bradley John Hunt, Mental Health Jocelyn Hwang, Environmental Health Sciences Brandon Isao Yi Chiang Ing, Biochemistry and Molecular Biology Emma Kathryn Jakes, Molecular Microbiology and Immunology Shuai Jiang, Epidemiology Shiyin Jiao, *Epidemiology* Rebecca Sarah John, Mental Health Meghana Kalavar, Mental Health Joana Karanxha, Biochemistry and Molecular Biology Amandeep Singh Kataria, Biochemistry and Molecular Biology

Melody Kelemu Sinke, Mental Health Sophia Khalil, *Environmental* Health Sciences Karen Wang Kim, Health Policy and Management** Alexandra Isabella Kuhajda, Biochemistry and Molecular Biology Julian Dominique Lane, Biochemistry and Molecular Biology Dixon Scott Lee, *Biochemistry* and Molecular Biology Ting-Hsuan Lee, International Health Kathryn Abra Lesko, Biochemistry and Molecular Biology Colin B. Ligon, Clinical Investigation* Yi-Chen Liu, Epidemiology Anthony Paul Lordi Jr., Biochemistry and Molecular Biology Haidong Lu, Epidemiology Marie Catherine Luebke, Biochemistry and Molecular Biology Daniel Augustus Lyle, Biochemistry and Molecular Biology Marwa Ibrahim Eldesoky Mahmoud, Environmental Health Sciences Mannat Malik, Health, Behavior and Society Limbika Maliwichi-Senganimalunje, Mental Health Nestoras Nicolas Mathioudakis, Clinical Investigation* Rebecca Nicole Medina, Molecular Microbiology and Immunology John Mekail, Mental Health Ardi Knobel Nuevo Mendoza, Molecular Microbiology and Immunology Reema Mistry, Mental Health Michelle Jinsun Moon, Mental Health

Josiah M. Mueller, Health Policy and Management Tianna Maria Negron, Mental Health Maia Nieto, Mental Health Nneoma Benedicta Nnodum, Environmental Health Sciences Veronica Ortiz, Biochemistry and Molecular Biology Cassandra Ott, Epidemiology Kiara Ott. Environmental Health Sciences Zhongzhe Pan, International Health Stella Kinam Park, Health, Behavior and Society* Shivani Pradip Patel, Mental Health Veeral Deepak Patel, Biochemistry and Molecular Biology Lia D. Penn, Biochemistry and Molecular Biology Kaitlin Pfisterer, Mental Health David Matthew Pichulik, Molecular Microbiology and Immunology Ruchita Vijayakumar Pillai, Health, Behavior and Society Timothy Blake Plante, Epidemiology Lisa Kathleen Poirier, Environmental Health Sciences Sarah Fatemeh Porter, Mental Health Emmanuel Mensah Quaye III, Epidemiology Ana Isabel Quintanal, Biochemistry and Molecular Biology* Archana Radhakrishnan, Epidemiology Diana S. Rayes, Mental Health Jessica Lynne Rice, Clinical Investigation* Estefania D. Rivera Mudafort, Molecular Microbiology and Immunology Lauren E. R. Rocco, Biochemistry and Molecular Biology

Nicolette Lillian Roque, Biochemistry and Molecular Biology

- Shae Ian Rowlandson, Biochemistry and Molecular Biology
- Jack Colin Rusley, Population, Family and Reproductive Health

Nicole Alexandra Salevitz, Biochemistry and Molecular Biology

Sadhvi Saxena, *Biochemistry* and Molecular Biology

Jaein Seo, Health Policy and Management

Noor Shakfeh, Molecular Microbiology and Immunology

Ambika Ravi Shivarajpur, Biochemistry and Molecular Biology

Nakiya Naomi Showell, *Clinical Investigation** Alison Leigh Simms, *Epidemiology**

Emily Ann Suminski, Mental

Health Mary Elizabeth Summers,

Mental Health Radhika Pradip Tampi,

International Health

John Richard Thorne, *Mental Health*

Catherine Ann Tomko, *Health, Behavior and Society*

Christine Truong, Mental Health

Jui-Hua Tsai, *Health Policy and* Management

Deki Tsering, Biochemistry and Molecular Biology

Rafael Uribe Cardenas, Clinical Investigation*

Vicente Valero III, *Clinical Investigation**

Erin Michelle Vigil, Biochemistry and Molecular Biology

Lauren Katherine Vignaly, Molecular Microbiology and Immunology

Sallie Jayne Weaver, Epidemiology Lindsey Rochelle Webb, Mental Health Susan Schrack Wood, Environmental Health Sciences Bing Xie, Health Policy and Management Terisa Yiin, Molecular Microbiology and Immunology Mark Yoon, Mental Health Haroon Yousaf. Clinical Investigation* Maria Esperanza Zagal Crosby, Molecular Microbiology and Immunology Jing Zhang, Epidemiology Zihe Zheng, Epidemiology Joy Ziyi Zhou, Mental Health Kelsey Coughlan Zorn, Health, Behavior and Society

Masters of Health Administration

Humoud M. Aljalahma, Health Policy and Management Rachel Elizabeth Bidgood, Health Policy and Management Kathleen Sheridan Blyth, Health Policy and Management Liana L. Burns, Health Policy and Management Christine S. Careaga, Health Policy and Management Matthew David Castner, Health Policy and Management Neil Harry Claracay, Health Policy and Management Mitali N. Desai, Health Policy and Management Mariya Grygorenko, Health Policy and Management Laura Bishop Hand, Health Policy and Management Sai Mukund Khisty, Health Policy and Management Carolyn House Kniefel, Health Policy and Management

Victoria Lo, Health Policy and Management Amy Marie McDonough, Health Policy and Management Carolina Vaz Rayzel, Health Policy and Management Erica Celine Romero, Health Policy and Management Arron Sikka, Health Policy and Management Gaurav Partap Singh, Health Policy and Management Julie Anne Sorensen, Health Policy and Management Meherazade Adille Sumariwalla, Health Policy and Management Rachel Swartz, Health Policy and Management Brandon Joseph Earl Thomas, Health Policy and Management Laura Jean Wortman, Health Policy and Management Jane Jiayu Yang, Health Policy and Management Yixin Zhao, Health Policy and Management

Masters of Public Health

Abraham Abramovitz Jamin Kweku Addae* Oluwatosin Funke Ajayi Oyintayo Ajiboye Hussam Ahmad Albugami Deborah Alema-Mensah Hani Ali Alghamdi Abdullah Mohammed Alguwaihes** Abdullah Alharbi Othman Abdu A. Aljohani Wafa Alkhayal Sultan Maziad S. Almaziad* Farjah H. AlQahtani Mansoor Muayad Alsaleh Arwa Altaf Sultan Ali A. Alwajeeh** Chidinma Pamela Anakwenze Amrutha Anand Peter Joseph Anderson Udochi Precious Anosike

Daniel Alexis Antiporta Peñaloza Vibhuti Arya Peace Chiamaka Asuzu Khay Mar Aung Nimae N. Awantang Crystal Nnenne Azu Magaly Pilar Bailon** Jamile Rusbania Ballivian Cuellar Crystal Lynn Barksdale** Michael Matthew Barna Cara Michelle Barnes** Nadiida Bassil Hoda Bastani Elizabeth Del Carmen Bastias-Butler Anne Marie Batchelder Anna Louise Beavis Kali Ann Bechtold Allison Lee Becker Kasey Elizabeth Bellegarde Augustus Billy Douglas Phillip Blackall Sean Charles Blaufuss Stephen Ray Bloom** Sara M. Brandenburg Timothy Michael Bresnahan* Lisa Shontell Broadhead Mohammed Ahmed Bu Saad** Gregory Malik Burnett Marilyn West Butler Miguel Cainzos Achirica Kristinne Uy Canas Kelsey Dawnelle Cannon Gillian Antonette Caplan Mallory Leigh Carellas* Evelyn Castillo Marcelo Cerullo Caitlin A. Ceryes Courtney Larissa Chang Meera Reddy Chappidi Devon Christopher Charlton Gaurav Chaudhari Sagar Satish Chawla Chieh-Ho Chen Joyce Chi-yi Chen* Yubin Chen Daryl Ray Cheng** William Cherniak

Ya-Hsuan Chiang Joonpyo Choi Ronald Chong-Yik** Elisabeth Nicole Chop Elizabeth Soohee Lee Chung Christopher Edward Keith Conn Lacy Cook Kelly Elizabeth Costello Caitlin Jean Cotter Kevin Ray Cunningham Kyle William Cunningham Robyn Anne Cyr Kathryn Dalton Paulomi Manoj Dave Michelle Case Davidson Brittny Carese Davis Dawn Marie Davis** Adrien Jonathan de Chaisemartin Teresa Elyse DeAtley Yashwant Moreshwar Deo* Matthew Denson deShazo** Anuradha Devabhaktuni Caroline Anitha Devadason** Darvl Brian Dillman Huy Duc Do Ruchi Srivastava Doshi Iulie Dricken Ramzi Emanuel Dudum Elsy Maria Dumit Elizabeth Caroline Eastman Iennifer Camille Effler Rebecca Carrie Ehrenkranz John Berchmans Ekka Maria Lucia Mendonca Escorcio-Ymayo** Ella Moorea Ewart-Pierce Chinemerem Chika Eyetan Wareef Ibrahim M. Fallatah** Weili Fan Zova Fansler Matthew Jude Ferreira Alexander Herbert Fischer John Patrick Fischer Aliza Miriam Fishbein Angela Rose Flignor Elizabeth Ann Fracica **Rejane Celeste Frederick** Gahan Patricia Furlane** Lauren Ann Gard

Bineyam Mulugeta Gebrewold Peter Ryan Gierlach James Brian Goldberg** Tamara Leonor Goldschmidt Krista Anne Goulding Gowtham Rama Harsha Grandhi Michael Patrick Gray* Carolyn Lee Greene* Laurence Josofati Gunde Zhilei Guo Akshay Kumar Gupta Kernika Gupta Daniela Alexandra Gutiérrez Cicala Ralph Tony Hachem Iram Haq **Omar Harfouch** Kathryn Tyler Harlow Mahmud Anowar Hasan Ahmed Nabeel Hassan** Mahmoud Mohammed Hassan Jordan Alicia Hatcher Xingru He William Emery Hebert Blandine Bustamante Helfrich Marilyn Heng Héctor Alexis Hernández-Delgado Lalawmpuia Hmar Hui Ling Agnes Hoe Samantha Mae Holcombe** Daniel Richard Hostetler Carolyn Renee Hricko Diana-Lynne Yeh-Ling Hsu Han Win Htat Joyce Jiyoon Hur-Yu Jennifer Mae Hutain Emily Marshall Hylton Marlee Kramer Ickowicz Asha Isable Shruti Iyer Inimfon Nsikak Jackson Saber Kamel M. Jan Kamala Priya Jayaprakash Nushani Lanka Jayaratne Abisola Jumoke Jegede Joelle Johnson Kashmira Nandkishor Kale Stephen Mwanzia Kaliti

Monica L. Kao Jamil Ahmed Mohammad Idris Kasmani Christine Riani Kaufmann Sangeeta Kaushik Manuel Pete Kavekos Aditee Kc Shelby Marie Kemper Arby Khan** Saifra Shazia Khan Shireen Rajai Khoury Mohammed Khusheim David Alexander Kidd Jillian Marie Kiely DaeSeong Kim **Dianne Young Kim** Gloria Jean King** Apollo Kivumbi Meredith Claire Klein Sudhamsu Koirala Katsuaki Kojima Robert Logan Kopp Nabeel Kouka* Melinda Michele Krakow Emily Anne Kravinsky Komal Kumar Brian Christopher Kurzeja Sr.** Barry Ladizinski* Lisa Ann Landsman Benjamin Lazarus Namquyen Vo Le Eugenia Ester Lee Hojoon Daniel Lee Kathryn Allison Lee Sarah Young Lee Emily Lerman* Deena Levey Peizi Li Yen Bo Lin Sarah Linden Tamara Rae Litwin Andrew Francis Longosz Albert Thein Lwin Charmian Watson Lykins* Jordan Rolla Lynn Robert Evans Malanga Sean Henry Maloney Stefano Malvolti** Grace Emily Mandel Laura Catherine Mandel Alice Santoro Mann

Monika Elizabeth Mann Andrea Elyse Martin Anne Carroll Martin Brandi Cristien Martinez** Erica Mikal McKeon-Hanson* Stephanie Eileen McLaughlin Ashka Mehta Vikas Mehta* William Nii Ayitey Menson Hasan Shamsh Merali Kristina Jasmine Mereigh **Diane Alyce Meyer** Ricardo Millan Benjamin Joshua Miller Michelle Lynn Miller Iman Meraj Mirza* Annie Rose Moon* Ivonne Janette Morales* Dane Samuel Moran Basant Motawi Monica Mukherjee* Lee Yee Mun John Daniel Murphy Patrick Bates Murphy Anirudha Vijay Mutalik Aubrey Anataba Mwinyogle Hugh Comer Nabers III Madhuram Nagarajan Samar Nahas** Arun C. Nair Jun Nakagawa Yusuke Nakamura Cyd Stacy Nam Craigen Robert Nes Ajah Thomas Ngonde Jennifer Jane Edith Nicol** Prince Samuel Nuamah Adaobi Ifeyinwa Nwabuo Juliana Oluwatoyin Odetunde Marguerite Leigh O'Hara Victor Muyiwa Okunrintemi Edward Michieka Onyango** Uchenna Chinedu Onyekwere Guan Wei Samuel Ow Eshan Uday Patel Rashmi Vijay Patil Michele L. Pearson* Farhan Pervaiz Danielle Nicole Piccinini **Caroline** Picher Harry Joshua Posen

Apoorva Milind Pradhan Melinda Faye Segunda Pritchett Pooja Pundhir** Genevieve Adelle Purcell Mohamud Ahmed Oadi Mary Kathleen Quinn Marc Rabner Braveen Ragunanthan Tanuja Rajan Mahadevan Rajaram** Natalia M. Ramos Hernandez Shannon Elizabeth Raymond Sheila Razdan Brandi Louise Read Manasa Reddy Tehreem Rehman Fatima Lourdes Reynolds Carolyn Nicole Rhodebeck Hope Elizabeth Rhodes Dahlia Rizk Jennifer Lynn Robinson Brad Roland* Rachel Emma Rosen Leona Fitzgerald Rosenblum Katherine Lee Rosettie Margo Hannah Rosner Rayyan Saleh Rozzah Kathleen Elizabeth Rubinger Jasma Joy Rucker** Jacqueline Marie Ryan Sarah Tayeba Saleemi Virna Liza Sales Maria Josefina Santelices Chadwick Meera Sarathy Lauryn Saxe** Benjamin Daegun Schanker** Andrea Noelle Schultz David James Scordino Nicholas Edward Seeliger Leah Derege Seifu Daniello Vincenzo Sepe Savyasachi Vismaybhai Shah Kriti Sharma Rashmi Shrestha Divya Shridharmurthy Raj Chandra Singaraju Bhuchitra Singh Dea Jini Sloan Alexander Hobbes Sloboda

Eniolaoluwa Ifeoluwa Soremekun Andrew Ian Stolbach Nicolette Charlotte Strauss Mariel Lynn Stribling Vinita Subramanya Jae Jin Suh Michelle Jennifer Sun Nadiya Azizeh Sunderji Eefa Tabassum* Hiroshi Tamada Meghan Lorraine Tammaro Sangeeta Tandon Jennifer Wenjing Tao Shera Alayna Teitge **Gopinath** Thirugnana Sambandam Guajira Piedad Thomas Caceres Poorva Tomar Kayla Nicole Tormohlen Elizabeth Anne Toure Annie P. A. Tran Sarah B. Trigilio* Cynthia Tsien* Mark Bilinyi Ulanja Shani Kathleen Michele Venner Ciloe Meg Racpan Vinoya Carrie Lynn Wade Jacqueline Martine Goldberg Wallace** Peiqi Wang Jite Tobore Wanogho Ricky M. Wat Megan Anne Watson Patricia R. Welch Anne Sullivan Wellde Cassia Anne Wells Gretchen Marie Wilde Mindy Willing Catherine Sweeney Wilson Hilary Anne Wiseman Douglas Bruce Woods** Elizabeth Anne Woolley* Yeonhee Yang Vivian Tsui-wen Yin** Sarah Yoosun Youn Yuanting Zha Alissa Michal Zingman

Masters of Public Policy

Ariana Isabel Bengtsson, Health Policy and Management Adam Campbell Briskin Limehouse, *Health Policy* and Management Vincent Thomas Cannizzaro, Health Policy and Management Steven David Cenname, Health Policy and Management Chen Cheng, Health Policy and Management Nicholas Frederick Chiumenti, Health Policy and Management Lixuan Cong, Health Policy and Management Jianxiang Fang, Health Policy and Management Rosalind Paris Saibert Fraser, Health Policy and Management Brittany Elizabeth Goldstein, Health Policy and Management Kelsey Rebecca Kreider, Health Policy and Management Kewei Li, Health Policy and Management Ruoxi Li, Health Policy and Management Jingyang Liu, *Health Policy* and Management Jingyi Liu, Health Policy and Management Jiaxuan Qian, Health Policy and Management Naomi M. Rapp, Health Policy and Management Qi Tan, Health Policy and Management Marissa Jeanine Vismara, Health Policy and Management Yichen Wang, *Health Policy* and Management Wenjie Yu, Health Policy and Management Jingnan Zhang, Health Policy and Management

Huixin Zhong, Health Policy and Management Adam Christopher Zoellner, Health Policy and Management

THE PAUL H. NITZE SCHOOL OF ADVANCED INTERNATIONAL STUDIES

Masters of Arts

Lena Abdin Samer Abdul Samad Sorana Acris Gonzalo Enrique Aguilera Nicole S. Ahdiyyih Justin Taj Ahmed Joshua Nathaniel Yu Ahyong Dana Mashhour Al Zaben Sana Ali* Paola Aliperti Franca Domingues Ahmed Aliyu Ahmad Deborah Marie Allison Lorena Americano Valente Rei Anno Noelan Paolo Arbis Deea Ariana Ioannis Arzinos Ashley Loren Augsburger George Ayache Martha Babbitt Patrick Scott Baine** **Emily Anne Bakos** Giacomo Lapo Baldini Udit Banerjea Alejandro Baron Goiriena de Gandarias Esther Maria Bartl Ludovica Bartoli David Matthew Bass* Munkhnaran Bayarlkhagva Sierra Bhrea Bayles Maximilian Félix Beck Christopher Beddor Tom W. Bellhouse Olga Alexandra Belogolova Ryan Frankie Bender James Edwin Benkowski Matteo Betti Stephanie Georgia Billingham

Alexander Hans Bohurat Chelsea Elizabeth Boorman Ethan Everett Boswell Walker Turnbull Bradley Cara Rose Bragg Matthew Douglas Brandeburg Matthew Warren Brewer Derek Cinader Brooks Katelyn Ellen Budd Jakob Luis Nelson Bund Michael Bustamante Chelsev Buurman Yuanchen Cai Alfonso Camacho Martinez* Dat Hien Cao Samantha Whitney Carter Andrew C. Caruso Lindsay Marie Cejka Jasmin Cesko Stephen Spearing Chakerian Benjamin Chase Henry K. Chen** Jingyang Chen Yunping Chen Justin K. Cheng Benjamin Alejandro Cifuentes Seth Reid Clare Colby Brent Clark** Eleanor Rhyne Coates** Andrew Moore Coflan* Edan David Cohen Mathilde Cohen Brittany Erin Coley Giavana Joy Coluccio** Joel Carmine Covelli William Aaron Cross **Christopher Paul Crow** William James Cunningham Adrienne Blythe Dalton Eric Jacob D'Angelo Luoxi Dao Mary Reed Davis** Gabor Debreczeni Alex Deep Katherine Elizabeth Delavan Karolina Maria Deuth Adam Louis Deutsch Katherine Louisa Oldenbruch Diefenbach* Muhammet Usevd Dinlemez**

Anqi Dong Alice Dufeu Tyler Wesley Duhame* Margaret Dunsmore Michael Sullivan Dyer Steven B. Eisen Chinedu Eke Jonathan Harry Elkin Rachel Alexandra Estrada Leah Hughey Ewald Adam Farrar Jamie Cathyrn Farrell Zachary Ian Fellman Patrick William Fiedler Margaux Fimbres* Alexandra Bliss Fisher Amy Michelle Fisher Sam Jesse Fishman Matthew R. Florian Megan Elizabeth Fluker** Jillian L. Foerster Irene Forzoni Rokuhei F. Fukui David Eldon Galbraith Zhi Gan Jayant Gandhi Robyn Elery Garfield** Kelli Lenae Garrett Benjamin John Garton Andrew Pierson Gatti Ning Ge Xiaoheng Geng Rudy L. Gilman Sheimaliz Elizka Glover Marco Antonio Gomez Monica Goncalves Anthony A. Gonzalez Yuliya Yevgenyevna Gosnell Andrew Liam Gottlieb James Constantine Grant Carl Robert Greenfield Andrew Ryan Griffith Marko Grujičić Kia Anne Guarino Andres Gerardo Guerrero Nikhil Gupta Paola Andrea Gutierrez Sergio Guzmán Escobar Seunghyun Han Susie Han Samantha Marie Harper

Lars Harald Hartzen Ryan William Heckel** Marc Anthony Hedman Katrien Hinderdael Nana Hirata** Benjamin Howard Hirschman Henry S. Holst **Riad Saad Houry** Colleen Kristen Howe** Xiaoting Huang Yi-Lung Huang Meghan Iacobacci Nozomi Ide Simon Ilzhoefer** Martina Improta Tea Ivanovic Erina Iwami Bryn Herman Harding Jansson Lela G. Jgerenaia** Saline Elizabeth Jiang Manuel I. Iimenez Eric P. Jones Amirsamin Joudat Andrew H. Kaiser Tadashi Kanda Konstantinos Achilleas Kanellopoulos Sean B. Karst Christopher Michael Kato Waichiro Katsuda** Lori Vanny Ke Grace Ann Kenneally Pamela Rachel Kennedy Jameel Mahmood Khan* Chang Yup Kim Dongyoon Kim** Ju-hyung Kim Jung Yul Kim Taeho Kim Geoffrey Keith King John C. Kitchura Lama Kiyasseh** Christine Yu Ling Kng Fabian Koehrer Ai Koide Jacqueline Karin Koo Nandita Kotwal Tarini A. Kumar Sherri Kuo Benjamin A. Kupferberg

Julienne Sarah Lauler Kaitlin Mae Lavinder DaQuan Lawrence Brianna Irene Lazerwitz Tzu-an Lee Mallory Cassandra Lee Wong** Lorenz Maximilian Lehmhaus** Yingdi Lei Paul Lewandowski Lenecia Helena Lewis-Kirkwood** Gerta Lezi Jiawei Li Xiufeng Lin Aijia Liu** Veronica Sara Lizzio David Ashwin Gibson Lopez Thanakorn Lorassawinnont Jiayin Jenny Lu** John J. Lu Yiran Lu Andrew John Lubrano Hayley Christine Luhr Shuxian Luo Xuwen Luo Natalie Ann Rehnquist Lynch Christina Sherry Ma Jared Robert MacDonald Wendy V. Magoronga Tyler Grant Makepeace** Shuja Ali Malik Mark Maples Valentin Markov Boban Markovic Crystal Danae Marshall Maria-Alexandra Martin Roxana Veronica Martinelli Kohei Matsumoto **Kevin Matthees** Filbert Maynard Diana Katharina Mayrhofer Madeleine Clare McCartney Jason Louis McConnell Caitlyn Elizabeth McCrone* John Robert McGeoch Whitney McNamara Friederike Meyer zu Wendischhoff Alexandra Milentey Julia Rachel Miller

Sean I. Mills Dorde Milosevic Sachiyo Miwa Yaël C. Mizrahi-Arnaud Matin Modarressi Edward A. Moe Zuha Syeda Moin Patrick Andrew Molloy Alexa Mary Monti Giuliano Morse Samer J. Mosis Caitlin Anne Moss** Yogev Moyal Daniela Muhaj Tony Müller Carlotta Munini Marianna Leon Muratova Grant Stephen Murphy Ryan Matthew Murray** Whitney Yvette Muse Connor T. Myers Doo Wan Nam** Jonathan Patrick Ned Danielle Christine Nesmith Charles Edward Nocker Zoe Katherine Norris Malcolm Nikolai Obradovic-Fawkes Desiree Morounkeji Okunola* Dafe Ibikari Oputu Maura K. Ourand Jordan Townswick Pace** Deepika Padmanabhan Carly Jean Page Kathleen V. Palla Yiwei Pan Jaehan Park Jennifer Langill Parke Elizabeth Knowles Parker-Magyar Thomas Luiz Awazu Pereira Da Silva **Teresa Peterburs** Andrea Petrelli Jessica A. Pham Davide Pini Katie Marie Pogue Nicholas Jay Polk Patricio Portillo Emily Irene Potosky Colbye A. Prim Jane Marsa Qiu

Ayan Qu Serena Quiroga Svetlana Radyukhina Eric Jurgensen Rahman Mohamed Salim Raouda Balah* Kenneth Scott Alexander Raphael Ana Maria Rasmussen Kellen Scott Rav Patrick Gavin Rear Christiana Nikola Reichsthaler Ian Robert Renner Kayla Craft Renz Mitchell Rhyner Ernestine Elisabeth Roeters van Lennep* Charles Rogan Rachel Kathryn Rose* Morgan Lynn Rote David Emanuel Rubin Elizabeth Lauren Rust Evan Lee Ryser Vusala Safarova Laura Saiki Chaves Trisagni Sakya Cynthia Pamela Sandoval Evan Richards Sankey Emily Elizabeth Scammell Carsten Schmiedl **Tobias Schneider** Shereen Tariq Shafi Vivek K. Sharma Kammi Sheeler Kyu Seok Shim Harriera Siddiq Tahira Siddiqui Dario Sidhu Benjamin Kirsners Silk* Catherine Barbara Simon Matthew Medina Sindelar Peter Lee Singer Nimarjit Singh Jeongsu Sinn Erhan Sirt Michael Alan Slawson Katherine D. Sliney Caitlin Smith Leah Marie Smith Rachel Bergen Snyderman Jessica Anne Sobrino

Tchilalou Sogoyou Bekeyi Florian Sommer Wanying Song Mario Andres Soto* Jenna H. Spinks Ruchira Srinivasakrishnan Andreas Stocker* **Timothy Stranske** Xiaolin Su Elliot J. Sucari Jeffrey K. Suppes Adam Moses Supraner Faith Valerie Pulido Tan Alyssa Jane Teddy **Tiantian Teng** Charles A. Tenret Sneha Thayil Tristan Thibodeaux William Winslow Thorne Matthew Colin Tieff Gizem Torunlar Joseph Charles Traw Michelle C. Trone Menexenia Tsaroucha George Tsereteli Vincent James Tumminello II Patsorn Udomritthiruj Kenko Ueyama Wout Van Eylen Alexandra Paige Van Vliet Maria Adelaida Velez Joseph Verbovszky Sabina Vieira Almeida da Silva Egle Vilkelyte Zachary Vinyard Allen Wagner Eloise Amanda Waldon-Day Emily Joy Walz** Chu Wang* Jue Wang Kailun Wang Michael Wang Xiang Wang Xiaomu Wang Yuhan Wang Emily Keogh Ward Jordan Michelle Warner Claire Marie Warren Landon K. Watts Alexander Maurice Weaver Andrew C. Webb Joseph D. Webster

Maren Christine Wenzel Grace Leah West Kristina Wienhöfer Leslie Elisabeth Wilson Colin Bryant Wright Yilong Xu Nanfei Yan Chenyun Yao** Lingyan Yu Sangyoung Yun Kimya Forough Zahedi Chengrui Zhan Wei Zhang Xiaoxiao Zhang Rui Zhong** Mingqi Zhu Tiantian Zhu* John Francis Ziegler*

Masters of Arts in International Affairs

Maria Elena Amadori Christopher T. Barber Manon Jeanne Barthod Elisa Bettelli Marianna Bilotta Jenna G. Burton Young Davis Rossella De Falco Sarah Dubreuil **Constance Antonia Hubert** Vanya Tsekova Kostadinova Elvire Anita Blandine Moreau Lennart Nikolei Colm O'Flynn Lucas Perterer Barbara Pfister **Delphine** Poux Anne-Sophie Veyrier Lisa Maria Wagner Tomoki Watanabe Gabriel S. Willman

Masters of International Public Policy

Syed Jehangeer Ali Bilal Ahmed Amin* Alexander Nicholas Apostle Sohnia Azim Christine Seiko Brown

Ana Lucia Buckman** Henri Francois Burgard Mark S. Burns* Jennifer Carlson Louis Michael Cascino Alexandra Cauberghs Alan Charles Causey Kai Jia Amanda Chua Theodore Chung David Samuel Coles Mark Stevens Coppess **Judson** Crane Ijeoma Mariet David Ukoko** Michael Christian Duffin** Jason M. Egger Million Fikre** Matthew Elliott Fox Bindu Alexander Frank Cameron Glade Gallagher* Julian Gallegos Philip David Gentile Seth I. Gilpin Reinaldo Gonzalez II Robert Thomas Hamilton** Kevin William Hancock** Umida Hashimova Jason James Hedges Carla Anai Herrera Ramos Farah Hussain David J. Jea Divya Kapoor* Aye Mya Mya Khaing** JoAnn Jung Kim Pam Dee King Sams David Michael Knox Kostyantyn Kotov** Leslie E. Kretzu** Yu-Chun Kuan Stavros Lazarou** **Oiwen Adrian Li** Rauf Mammadov** Fadi Mansour** Giuseppe Manzillo** Juan Carlos Mendez* Joshua Paul Moraczewski Patricia Helen Morrissey Bernardo Notarangelo Ola Ogunlola** Andrew Pak** Ramesh Pallakonda** Sumatthana Dan Pittman

Aaron J. Pluto Susannah Davis Powell* Neil Sachin Prakash Dorian Jacqueline Ramos Gorazd Rencelj** Dayana Angela Rios Requena** John Paul Rugarber Sarah Briana Schroeder Adil Caner Sener* Elizabeth A. Senger* Sarah Fakhri Shabbir** Masipula Sithole Jr.** Kathryn Ann Spletstoser** Caren Nicole Stutz* Hugh Vincent Sullivan Tushar Thakkar Michelle Haeli Toyofuku Gladys Udenta** Giedre Valentaite* Ysabel Vandeputte** Travis R. Walter** Adam Curtis Watson* Samuel Randolph Wilbourn William Aaron Yardley** Andrew Paul Zapf

THE SCHOOL OF MEDICINE

Masters of Science

Angeline Aringo, Applied Health Sciences Informatics** Anjun Kumar Bose, Biomedical Engineering** Emily Chang, Cellular and Molecular Medicine Brett Cropp, Health Sciences *Informatics* Angela Kay Duffy, Molecular Biology and Genetics— Program in Immunology** Neha Arvind Goel, Applied Health Sciences Informatics** Jingnan Han, Biological Chemistry Wesley William Howard, Program in Molecular **Biophysics** Adrian Kizewski, Pharmacology and Molecular Sciences

Guanyu Li, Applied Health Sciences Informatics** Jason Mitchell McNamara, Applied Health Sciences Informatics** Suhail Noor, Applied Health Sciences Informatics** Devin Seth Sabin, Pathobiology** Kaitlin Victor, Human Genetics and Molecular Biology Yumeng Xu, Health Sciences Informatics** Meredith Larch Zoch, Cellular and Molecular Medicine

Masters of Arts

Erica Lorrie Chin, Medical and **Biological Illustration** Emily Lunhui Ling, Medical and Biological Illustration Caitlin Jeanne Mock, Medical and Biological Illustration Kari Ann Opert, Medical and **Biological Illustration** Rose Marie Perry, Medical and Biological Illustration** Laura Marie Swan Roy, Medical and Biological Illustration Kai-ou Tang, Medical and **Biological Illustration** Amy Zhong, Medical and **Biological Illustration**

Post-Baccalaureate Certificates

Abdus Salam Abayomi Elias, Certificate in Clinical *Informatics* Ashleigh Josephine Faulstich, Certificate in Clinical Informatics Samuel Adam Meiselman, Certificate in Clinical Informatics Sreenath Rao Samudrala, Certificate in Clinical *Informatics* Himabindu G. Vinodrao, Certificate in Clinical **Informatics**

THE G.W.C. WHITING SCHOOL OF ENGINEERING

Post-Master's Advanced Certificates

Johnson Aja, Technical Management* Christopher Alcott, Electrical and Computer Engineering Mark Everett Baldwin, Electrical and Computer Engineering

Masters of Science in Engineering

Michael C. Abboud, *Electrical* and Computer Engineering Kasim A. Adewuyi, Materials Science and Engineering Victor Hugo Aguilar-Ruiz, Systems Engineering* Joshua Michael Albers, Systems Engineering** Amanda Louise Alley, Electrical and Computer Engineering Chris Andrew Allison, Systems Engineering** Victor Jose Amaral, Computer Science Bjorn Arthur Anderson, Systems Engineering* Spencer William Anderson, Systems Engineering* Kalyna Leigh Apkarian, **Robotics** Amin Aramoon, Mechanical Engineering** Ebuka S. Arinze, Electrical and Computer Engineering Jodi Lynn Ashmun, Systems Engineering Shinu Baby, Mechanical Engineering** Xin Bai, Electrical and Computer Engineering Jordan James Baker, Chemical and Biomolecular Engineering* Jie Bao, Applied Mathematics and Statistics Juciana A. Barbosa, Systems Engineering

*Degree conferred August 21, 2015

David Wilson Eastman,

Robert Theodore Benedict, Systems Engineering* Ellen E. Benn, Materials Science and Engineering* Ethan Thomas Bennis, Electrical and Computer Engineering** John Michael Benson, Systems Engineering Steven Michael Bergeman, Systems Engineering** Kellin Bershinsky, Systems Engineering* Aakash Suresh Bhambhani, **Computer Science** Guanbo Bian, Civil Engineering Nathan Aaron Bickford, Geography and Environmental Engineering Andrew Thomas Bigelow, Geography and Environmental Engineering Viki Renae Binstock, Systems Engineering* Andrew Robert Haven Bobesink, Geography and Environmental Engineering Jeffrey Bobrow, Systems Engineering Whitney Justine Bolton, Systems Engineering** Satya Prateek Bommaraju, **Computer Science** Brian Thomas Bone, Systems Engineering* Ilana Danielle Bookner, Applied Mathematics and Statistics** Slawomir Grzegorz Boruch, Systems Engineering* Megan Boston, Civil Engineering Cynthia Diane Bothwell, Geography and Environmental Engineering** John Francis Boutillier, Civil Engineering Aaron Benjamin Bowens, Systems Engineering Samantha Mercedes Brandon, Chemical and Biomolecular Engineering*

Gina Marie Brierty, Systems Engineering* Matthew Steven Brown, Systems Engineering** Scott Daniel Bruck, Systems Engineering* Logan Green Brunner, Geography and Environmental Engineering* Henry Kyle Bygott, Systems Engineering* Jung Min Byun, Chemical and Biomolecular Engineering* Zhihao Cao, Computer Science Josephine Voigt Carstensen, Civil Engineering* Ryan Kent Cathcart, Systems Engineering Michael A. Cerabona, Electrical and Computer Engineering Joonha Chang, Applied Mathematics and Statistics** Sumon Chattopadhyay, Chemical and Biomolecular Engineering* Diana Wenjing Chen, Computer Science** Huang Chen, Mechanical Engineering Ruoyun Chen, Materials Science and Engineering** Shuyang Chen, Mechanical Engineering Jiahao Cheng, Civil Engineering* Letitia Kai-ling Chim, Materials Science and Engineering Eugene Taehyun Cho, Applied Mathematics and Statistics Vamsi Chunduru, Computer Science Marcus M. Claiborne, Systems Engineering Joshua Stephen Clairmont, Systems Engineering* Christopher J. Cleary, Systems Engineering Arelys Colon-Garcia, Systems Engineering Dana Marie Cook, Systems Engineering**

Philip Cook, Systems Engineering Andrew A. Cooper, Systems Engineering* Ericka Renea Cottman, Systems Engineering** David Cudney, Systems Engineering* Conrad Fletcher Curry, Systems Engineering* Wei Dai, Applied Mathematics and Statistics Jennifer Lyle Dailey, Materials Science and Engineering** Jeffrey S. Dallatezza, Computer Science** Christian L. Dance, Systems Engineering* Amanda Paige Darrow, Geography and Environmental Engineering Gabriel Matthew Deards, Biomedical Engineering** Mark Allen DeBake, Systems Engineering** Michael Dei, Systems Engineering Evan Michael Derrow, Systems Engineering* Nicholas Stephen Des Georges, Systems Engineering** Solomon Desalegn, Systems Engineering* Rujuta Prasanna Deshpande, **Computer Science** Everett R. Devries, Systems Engineering* Laura Dionisio, Systems Engineering** Timothy Allen Dittman, Systems Engineering Christopher Joseph Dooley, Mechanical Engineering Christopher Louis Drobish, Systems Engineering** Minh Du, Systems Engineering* Yang Du, Chemical and Biomolecular Engineering Steven Thomas Duke, Systems Engineering Brenda Joyce Michele Dupree, Systems Engineering*

Mechanical Engineering** Jacob David Enterlin, Mechanical Engineering Wesley John Ericksen, Mechanical Engineering Justin Michael Field, Systems Engineering Jerome Nathan Fineman, Chemical and Biomolecular Engineering Rodolfo Gabriel Finocchi. **Robotics** Kate Danielle Fischl, *Electrical* and Computer Engineering Matthew Richard Fleck, Systems Engineering Joshua Cory Flores, Systems Engineering JTodd Stewart Frandsen, Systems Engineering** Davide Carl Fratamico, Civil Engineering Samuel Milton Freeland, Systems Engineering Robert Lee Fuller, Systems Engineering** Coral Jane Fung Shek, Chemical and Biomolecular Engineering* Margret Leith Gabriello, Systems Engineering Erin Meghan Gallagher, Materials Science and Engineering* Victor M. Galloza, Systems Engineering Yuan Gao, Chemical and Biomolecular Engineering* David Andrew Garber, Systems Engineering Cynthia Garcia, Systems Engineering Ankit Garg, Computer Science Gowtham Sandilya Garimella, Mechanical Engineering** Bernard D. Gaskey, Materials Science and Engineering* Pratik Ghimire, Systems Engineering David Bedford Gill, Systems Engineering

Brett Garret Gillies, Systems Engineering Steven Daniel Giustino, Systems Engineering Roderick Samuel Go, Geography and Environmental Engineering Kristopher B. Godek, Systems Engineering** Matthew Stephens Gonzalez, Chemical and Biomolecular Engineering Daniel Robert Gowans, Systems Engineering Kimberly Shelton Grant, Systems Engineering Hao Gu. Mechanical Engineering** Vivian Guiot, Systems Engineering** Biman Gujral, Computer Science Brian Adam Gunn, Systems Engineering Kristin Maria Gunnarsdottir, **Biomedical Engineering** Huaqing Guo, Geography and Environmental Engineering** Jingkai Guo, Mechanical Engineering** Yueqi Guo, Biomedical Engineering* Rebecca Rollins Hagner, Systems Engineering* Andrea Katherine Irene Hall, Materials Science and Engineering Joel Lee Hall, Systems Engineering* Rodney Boley Hall, Systems Engineering** Chenhao Han, Robotics Qianru Han, Geography and Environmental Engineering** Shuo Han, Biomedical Engineering Joshua Ezra Harris, Systems Engineering* Jacquelyn Marie Haughey, **Computer** Science Tianyou He, Mechanical Engineering**

Mark Edward Henshaw, Systems Engineering** Daniel Lawrence Hill, Systems Engineering Brendan John Hillis, Systems Engineering** Jorge Luis Hiraldo, Systems Engineering Jinpyo Hong, Chemical and Biomolecular Engineering* Xirui Hou, Materials Science and Engineering Elan Hourticolon-Retzler, Computer Science* Chad T. Howard, Electrical and Computer Engineering** Haitang Hu, Computer Science Mengtie Hu, Computer Science Yiming Hu, Systems Engineering** Yuxuan Huang, Materials Science and Engineering** Adam Hughes, Systems Engineering** Robert James Hunt, Systems Engineering Farah Ishtiwana Huq, Mechanical Engineering* Yuttana Itsarachaiyot, Mechanical Engineering Nikita Ivkin, Computer Science Rashea McCall Jackson, Systems Engineering Pattawan Jareonvongrayab, Applied Mathematics and Statistics Sally Jaroudi, Chemical and Biomolecular Engineering** Brook Jeang, Materials Science and Engineering* Charles Shelby Jenkins, Civil Engineering** Quan Jiao, Mechanical Engineering* Jian Jin, Computer Science** Yating Jing, Computer Science Yici Jing, Electrical and Computer Engineering** Andrea Johnson, Systems Engineering* Matthew Johnson, Systems Engineering**

Ryan William Johnston, Mechanical Engineering Dean Joseph Kallis, Systems Engineering* Golnoosh Kamali, Electrical and Computer Engineering Zhe Kang, Mechanical Engineering Qian Ke, Applied Mathematics and Statistics** Megan Elizabeth Kelly, Chemical and Biomolecular Engineering** Abdul Waheed Khan, Systems Engineering Gregory Stephen Kiar, **Biomedical Engineering** Steven M. Kim, Systems Engineering* Younsu Kim, Computer Science Daniel In Sup Kimm, Systems Engineering* Sean Thomas King, *Computer* Science* James Eugene Kinney, Systems Engineering** Bryce M. Kirby, Systems Engineering Lisa Ann Krauss, Systems Engineering Timothy James Kreimer, Systems Engineering** John David Krill, Biomedical Engineering Steven A. Lavenstein, Mechanical Engineering** Jason Ryan Lavine, Systems Engineering Bongju Lee, Applied Mathematics and Statistics** David Sung Han Lee, Biomedical Engineering Eun Sol Lee. Applied Mathematics and Statistics Hye Sang Lee, Electrical and Computer Engineering Sunyan Lee, Computer Science** Bo Lei, Mechanical Engineering Martina Charlotte Leistner, Biomedical Engineering Timothy Walter Leisy, Systems Engineering*

Kimberly Patrice Leonard, Mechanical Engineering Aaron Lee Lerner, Chemical and Biomolecular Engineering Rachel Misako Lew, Geography and Environmental Engineering** Bowen Li, Applied Mathematics and Statistics Ke Li, Biomedical Engineering* Ye Li, Electrical and Computer Engineering Yijie Li, Computer Science** Edward Lim, Applied Mathematics and Statistics** Sunghwan Lim, Mechanical Engineering Jerald Wu Liu, Computer Science Kai Liu, Computer Science** Lingshu Liu, Biomedical Engineering* Yunlong Liu, Computer Science Zeguang Liu, Materials Science and Engineering** Andrew Coleman Lloyd, Systems Engineering Todd Michael Lobins, Systems Engineering Christopher James Loconto, Systems Engineering Ashley Suzanne Lott, Systems Engineering Huizhan Lu, Computer Science Jingyi Lu, Biomedical Engineering** Briana Maria Lucero, Systems Engineering* Yi Luo, Materials Science and Engineering Michelle S. Lutz, Systems Engineering* Michael Gregory Lysak, Mechanical Engineering* Réamonn Pádhraic Mac Réamoinn, Civil Engineering* Joseph Maheady, Systems Engineering John Michael Mallinger, Systems Engineering Alex Thomas Malone, Systems Engineering*

Matthew Martin Manning, Systems Engineering** James Thomas Manns Jr., Systems Engineering** Joel Andrew Mansfield, Systems Engineering* Xinpei Mao, Chemical and Biomolecular Engineering Stephanie Marciniak, Systems Engineering** Joseph Gregory Marcus, Systems Engineering Dustin P. Martin, Systems Engineering* Russell Andrew Martin, Materials Science and Engineering** David Brian Mathes, Systems Engineering Daniel Charles Mauro, Systems Engineering Geoffrey Steven Maynard, Materials Science and Engineering Ian Mitra McLane, Electrical and Computer Engineering Jessica Elizabeth Mehlin, Systems Engineering Amit Natin Mehta, Computer Science* Thomas James Mellinger, Systems Engineering** Felicite Jayne Midden, Systems Engineering** Sayonika Mohanta, Chemical and Biomolecular Engineering Todd Moody, Systems Engineering* Kevin Michael Moore, Systems Engineering Sarah Eileen Morgan, Systems Engineering* David Martin Morra, Robotics Jeremy P. Morse, Systems Engineering James Walter Moxley Jr., Chemical and Biomolecular Engineering** Brandon Kew Wei Mui, Systems Engineering Rachel Narciso, Systems Engineering* Alia Nasrallah, Electrical and

Computer Engineering

Kelly Ann Nave, Systems Engineering Timothy K. Ng, Electrical and Computer Engineering** Quang Cuu Nguyen, Systems Engineering Jessica L. Nieves, Systems Engineering Jose Ulises Nino Rivera, **Computer Science** Le Niu, Materials Science and Engineering Bryce Daniel Notheis, Systems Engineering** Daniel James O'Donnell, Systems Engineering* **Olabimpe** Ayomide Ogunmoyero, Electrical and **Computer Engineering** Lauren R. Olasov, Materials Science and Engineering* Carlo Orlando Olcese, Computer Science** Brandi Casey Opland, Systems Engineering* Mark Joseph Orlando, Systems Engineering Vagarshak Ovakyan, Systems Engineering** Sean Deniz Ozdemir, Systems Engineering* Wenbo Pan, Applied Mathematics and Statistics** Ricardo Hernan Paredes, Systems Engineering Parth Ujjaval Patel, Chemical and Biomolecular Engineering Shalaka Baiju Patel, Computer Science** Kerri Beth Phillips, Systems Engineering* Oscar Joel Phillips, Systems Engineering** Nawaporn Phongpatanakhun, Systems Engineering* Linda Phonharath, Systems Engineering** Maxwell Andreas Pinz, Chemical and Biomolecular Engineering** Beril Polat, Chemical and Biomolecular Engineering Susana Porges, Systems

Engineering*

Yue Qi, Geography and Environmental Engineering** Isaiah Ramsey, Systems Engineering Sona Rathod, Biomedical Engineering Sarah Elizabeth Reed, Systems Engineering** Guannan Ren, Computer Science** Jack Francis Solomon Riley, Mechanical Engineering Evan Wyatt Rodbell, Mechanical Engineering Nicholas Cabras Rodriguez, Systems Engineering** John Carl Rosser, Systems Engineering* Kevin Patrick Rowland, Electrical and Computer Engineering Promit Roy, Computer Science** Rachel Elaine Rudinger, **Computer Science** Richard Ruiz Jr., Systems Engineering** Azwad A. Sabik, Robotics Rupali Ramesh Saboo, **Computer Science** Kunal Saluja, Robotics Isaiah Matthew Sampson, Civil Engineering Lingjie Sang, *Computer* Science Harold Santiago, Systems Engineering* Laura E. Santos, Systems Engineering** Arunav Sanyal, Computer Science Alexander Marcos Schiffhauer, Computer Science** Heather Ann Selbe, Systems Engineering* Michael Hyungsuk Seung, Chemical and Biomolecular Engineering* Yunuscan Sevimli, Mechanical Engineering** Deepal J. Shah, Systems Engineering Ahmad Shahba, Mechanical Engineering

Benjamin Howard Shapiro, Applied Mathematics and **Statistics** Carl Robert Shapiro, Mechanical Engineering Michael Thomas Shavit, Computer Science Tanvi Shroff, Chemical and Biomolecular Engineering Panchapakesan Chitra Shyamshankar, Computer Science Jay A. Silverman, Systems Engineering* Simar Preet Singh, Computer Science Kyle Alexander Slusarski. Materials Science and Engineering** Brandon Robert Smith, Systems Engineering Jonathan Patrick Snow, Systems Engineering David Ryan Snyder, Computer Science Joseph Michael Spector, Systems Engineering Matthew T. Standiford, Systems Engineering** Austin Thomas Stecklair, Mechanical Engineering Andrew Stefanek, Systems Engineering** Jennifer Lynn Stone, Geography and Environmental Engineering Joshua Joel Strain, Systems Engineering Alexander J. Strickland, Robotics** Mark Charles Stuczynski II, Chemical and Biomolecular Engineering* Chenyang Su, Computer Science Nadya K. Subowo, Systems Engineering** Erin Elizabeth Sutton, Mechanical Engineering Daniel Shore Swann, *Computer Science* Allan Sword, Systems Engineering* RunzeTang, ComputerScience**

MASTER'S DEGREES AND CERTIFICATES -

Eshani J. Tarpara, Systems Engineering Matthijs Antoin Taselaar, Applied Mathematics and **Statistics** Zachary Scott Taylor, Systems Engineering** James Hartman Teasley, Mechanical Engineering* Daniel David Theroux, Systems Engineering Christian Chackupurackel Thomas, Systems Engineering** Matthew Dennard Thompson, Mechanical Engineering Brian Todd Thrall, Systems Engineering* Brian Tran, Systems Engineering** Aradhya Pawan Tulsyan, **Computer Science** Christopher E. Turner, Systems Engineering Natalie Anne Turner, Systems Engineering** David Paul Ueberschar, Systems Engineering** Jonathan Sloan Ung, Mechanical Engineering Gianna Maria Valentino, Mechanical Engineering John Michael Vandermark, Materials Science and Engineering Martin D. Ventura Jr., Systems Engineering* Javier Omar Villafane Rivera, Systems Engineering** William Matthew Wagers, Mechanical Engineering Matthew J. Wagner, Systems Engineering Mark William Walters, Systems Engineering** Chan-Jui Wang, Applied Mathematics and Statistics** Hao Wang, Applied Mathematics and Statistics** Jiavi Wang, Applied Mathematics and Statistics** Qiong Wang, Chemical and Biomolecular Engineering**

Rui Wang, Materials Science and Engineering** Suyang Wang, Materials Science and Engineering* Yang Wang, Robotics Yao Wang, Applied Mathematics and Statistics Yayun Wang, Mechanical Engineering** Dorion Donte Watkins, Systems Engineering** Marc Sauls Watson, Systems Engineering Vi Thuy Weaver, Systems Engineering** Seth Eric Weisberg, Applied Mathematics and Statistics John D. Welker, Systems Engineering** Joshua B. Wheeler, Computer Science Warren Lovester White, Systems Engineering Matthew Samuel Hess Wiesner, Electrical and *Computer Engineering* Lucas John Wilkinson, Systems Engineering** Bradley Scott Williams, Systems Engineering James Russell Forster Withy, Systems Engineering Travis George William Wolfe, Computer Science* Sacha Berthe Dragul Wolff, Systems Engineering* Matthew McKean Woolridge, Systems Engineering Addison Baldwin Wright, Applied Mathematics and **Statistics** Minhua Wu, Electrical and Computer Engineering** Han Xiao, Robotics Munan Xu, Electrical and Computer Engineering Yuting Xu, Computer Science** Xinzhi Xue, Mechanical Engineering** Reza Yaghmaie, Mechanical Engineering Yuguang Yang, Computer Science

Florence Yellin, Mechanical Engineering Hyun Soo Yoon, Chemical and Biomolecular Engineering Leanne Moon Young, Biomedical Engineering Hang Yu, Biomedical Engineering* Hao Yuan, Mechanical Engineering Fan Wen Zeng, Materials Science and Engineering* Jianan Zhan, Computer Science Xiaohui Zhang, Electrical and **Computer Engineering** Yuhang Zhang, Mechanical Engineering** Ziye Zhang, Geography and Environmental Engineering** Chen Zhao, Biomedical Engineering Jiayin Zhao, Applied Mathematics and Statistics** Longyu Zhao, Materials Science and Engineering Xi Zhao, Civil Engineering** Dongrui Zhong, Applied Mathematics and Statistics Gedi Zhou, Mechanical Engineering** Xiaozhou Phiphy Zhou, **Computer** Science Masters of Science in Engineering in **Bioengineering Innovation** and Design Kendall Marie Covington,

Biomedical Engineering Emily Mary Rose Eggert, Biomedical Engineering Sakina Hamzaali Girnary, Biomedical Engineering Kelly M. Lacob, Biomedical Engineering Elizabeth Rothrock Lebling, **Biomedical Engineering** Sean D. Mattson, Biomedical Engineering Demetri Anthimos Monovoukas, Biomedical Engineering Matthew Aria Nojoomi, Biomedical Engineering

Joseph Angelo Pia, Biomedical Engineering Ramji Rengarajan, Biomedical Engineering Kavya Lahari Singampalli, Biomedical Engineering Shravya Srigiri, *Biomedical* Engineering Scott Edward Stanley, Biomedical Engineering Madeline Grace Wilson, Biomedical Engineering Alison Lynn Wong, Biomedical Engineering Victor San Hou Yu, Biomedical Engineering Samuel Robert Zschack, Biomedical Engineering Stacie Marie Zwolski, Biomedical Engineering

Masters of Science in Engineering in Financial Mathematics

Bo Bao, Applied Mathematics and Statistics** Gaocai Chen, Applied Mathematics and Statistics** Xinwen Chen, Applied Mathematics and Statistics** Yafang Chen, Applied Mathematics and Statistics** Kun Deng, Applied Mathematics and Statistics** Tianyu Ding, Applied Mathematics and Statistics Nicholas Mark Florin, Applied Mathematics and Statistics** Binbin Jin, Applied Mathematics and Statistics** Ming Li, Applied Mathematics and Statistics** Yihong Li, Applied Mathematics and Statistics** Chaoyu Liu, Applied Mathematics and Statistics Siying Liu, Applied Mathematics and Statistics** Weizhao Liu, Applied Mathematics and Statistics** Lingyao Meng, Applied Mathematics and Statistics Xuliang Rebecca Miao, Applied Mathematics and Statistics**

Wangshu Peng, Applied Mathematics and Statistics Leiving Pu, Applied Mathematics and Statistics Huachen Qin, Applied Mathematics and Statistics** Shi Qiu, Applied Mathematics and Statistics** Xuchao Shi, Applied Mathematics and Statistics** Xuan Wang, Applied Mathematics and Statistics** Qingyi Wei, Applied Mathematics and Statistics** Siyang Xia, Applied Mathematics and Statistics** Yixin Xiao, Applied Mathematics and Statistics** Andrew Jiening Zhong, Applied Mathematics and Statistics

Masters of Science

Ameir H. Abdeldayem, Computer Science* Juan Diego Abellanas Sanchez, Electrical and Computer Engineering** Reuben Thomas Abraham, **Computer Science** Jessica Anne Adams, Applied and Computational **Mathematics** Deepak Mahesh Agrawal, Security Informatics** Vinit Agrawal, Applied and Computational Mathematics** Wlajimir Alexis, Security Informatics** Timothy Allensworth, Applied Physics* Natalie Jean Alvarez, Applied Physics Aljawharah Mohamed Alzahrani, Security Informatics** Willie Pongos Arrogancia, Systems Engineering** Joseph David Arrowsmith, Environmental Engineering and Science* Waseem Aslam, Computer Science*

Kylee Gin Augustino, Geography and Environmental Engineering Robert Anthony Auld, Computer Science* Timmy Aziz R.A., Environmental Planning and Management Ashley Elizabeth Ball, Geography and Environmental Engineering* John R. Balon, Electrical and Computer Engineering** Jodfrey Hancock Bandstra, Systems Engineering Tania Banerji, Geography and Environmental Engineering* Brian Michael Banos, Systems Engineering** Gregory H. Barr, Applied and Computational Mathematics** Donovan Barroso, Technical Management* Laurie E. Barth, Computer Science** Daniel Blaise Bartock. Information Assurance** Brad Stephan Bazow, Applied **Physics** Danielle Rene Beben, Electrical and Computer Engineering* Sean M. Beck, Security Informatics Christopher Belmonte, Electrical and Computer Engineering* Agazi Berhane, Computer Science Daniel Steven Berman, Applied Physics* Paul Louis Berube, Systems Engineering** Daniel George Betz, *Electrical* and Computer Engineering** Michael H. Biggins, Computer Science Jean-louis Koffi Bile, Electrical and Computer Engineering* Stephanie Bills, Applied Physics* Rebecca Blackmon, Technical Management**

George Vaden Blackwood III, Systems Engineering* Brian Timothy Bocskor, Systems Engineering Daniel Bohme, Systems Engineering** Felipe Botero, Information Systems Engineering** Matthew Ryan Bourgeois, Systems Engineering* Brett Michael Boyle, Computer Science** John Paul Brandenburg, Environmental Engineering and Science Kevin Louis Brannick, Applied Physics** Samantha Gene Brenner, Environmental Planning and Management** Thomas Joseph Breslin III, Information Systems Engineering** Sandra Jean Briscoe, Information Systems Engineering** David Matthew Brochtrup, Electrical and Computer Engineering** Angela S. Brown, Computer Science** Colton J. Brown, Environmental Planning and Management Diana Brown, Applied and Computational Mathematics** Kelly J. Brown, Applied and **Computational Mathematics** Kimo Bumanglag, Information Systems Engineering** Justin Timothy Burr, Computer Science** Kelia Dawn-Nichols Bynum, Electrical and Computer Engineering* Brendan Christopher Byrne, Computer Science** Jose G. Cabrita, Systems Engineering** David A. Cain, Information Systems Engineering* Aaron Robert Camasso, Systems Engineering

Stuart Browne Cameron, Environmental Engineering and Science** Jerett Thomas Campbell, Electrical and Computer Engineering** Bin Cao, Security Informatics** Kevin Cao, Computer Science* Bryan Eric Carpenter, Computer Science** Henry Dreier Carr, Electrical and Computer Engineering* Samantha Jeanne Dizor Carter, Cybersecurity Anthony J. Castellani, Technical Management Andrea Redwing Castillo, Geography and Environmental Engineering** Bethany Claire Casto, Systems Engineering* Alessandra C. Ceretto, Geography and Environmental Engineering Jeffrey Chan Huang, Security *Informatics* Jayanarayan Mittur Chandramouli, Security Informatics** Madhupreetha Chandrasekaran, Security Informatics Prasanna Chandrasekhar, Electrical and Computer Engineering** John Russell Charles, Information Systems Engineering Pavan Tej Chekuri, Security Informatics** Isha Chen, Systems Engineering Jingru Chen, Security Informatics** Ruilin Chen, Computer Science* Ling Ean Cheung, Computer Science* Vaisali Chitturi, Information Systems Engineering** Christopher Alan Chmielewski, Electrical and Computer Engineering* Angelo Joseph Christino, Technical Management*

*Degree conferred August 21, 2015 **Degree conferred December 30, 2015

MASTER'S DEGREES AND CERTIFICATES -

James Patrick Chui Yew Cheong, Systems Engineering Lisa Ceder Churchill, Electrical and Computer Engineering** Ivory Larnette Clarke, Environmental Planning and Management Daniel Eric Cohen, Electrical and Computer Engineering Kasey L. Cole, Systems Engineering* Jeremy A. Collins, Computer Science Stacie Janeen Connolly, Systems Engineering** William J. Cottrell, Systems Engineering Christopher Preston Crook, Computer Science** Wynton Xavier Crossley, Systems Engineering** Frank Anthony Cruz, Electrical and Computer Engineering John S. Cullison, Technical Management* Helen Deborah Davis, Technical Management Olivia De Lancie, Environmental Planning and Management* Noah A. Demarco, Computer Science** Alicia Margaret Deromedi, Systems Engineering** Melvin Eliezer Diaz, Information Systems Engineering Christopher William Dickinson, Computer Science Tim Jack Difatta, Systems Engineering Giancarlo Diviacchi, Applied **Physics** Thomas Andrew Dolan, Electrical and Computer Engineering** Jiuyang Dong, Geography and Environmental Engineering** Jeffrey Allen Driesen, Systems Engineering**

Lionel Hansel Herald Dsouza, Security Informatics** Glenn Robert Duffy, Computer Science Joshua Grady Dye, Computer Science** Timothy Todd Eames, Environmental Engineering and Science** Michael Edoror, Computer Science** Derek Eichenberger, Technical Management Adil Enneg, Technical Management Sharon Torres Fairbairn, Systems Engineering Mohamed Faacy Farook, Computer Science** Kaitlin Myhre Farr, Computer Science** Katherine Elizabeth Felkins, **Computer** Science Riley Edward Fenlon, Electrical and Computer Engineering* Douglas Ferraro, Electrical and Computer Engineering** Alicia Rachel Fessler, Applied *Biomedical Engineering* Julia Elizabeth Filiberti, Applied and Computational Mathematics* John Stephen Flores, Computer Science Ryan Bradley Forsmo, Technical Management* Brian Foster, Computer Science* Rani Francis, Information Systems Engineering Lynda Frattone, Technical Management** Bryce Collin Freshcorn, **Computer Science** Steven Joshua Friedman, Electrical and Computer Engineering Paul M. Fritschen, Computer Science** Brent Lange Fuller, Systems Engineering David Norman Fuller, Electrical and Computer

Engineering**

Gerald Michael Fuller, Technical Management** Paul Michael Gagliardi, Computer Science Justin Edward Gann, Environmental Planning and Management** Jason Garced, Cybersecurity** Jianyang Geng, Technical Management Ronnie Lee George Jr., Information Systems Engineering* Darius Jason Ghannadian, Applied Biomedical Engineering Caleb Gibson, Applied Physics** Jerome Untrell Gilberry, Environmental Engineering and Science Johnathan D. Gilday, Computer Science Tarik Gill, Computer Science Prabesh Giri, Computer Science** Gerald Gregory Basco Gloria, Environmental Planning and Management** Jonathan A. Gluck, *Electrical* and Computer Engineering* Michael Brian Goldgeier, Computer Science** Daniel Gomez, Systems Engineering Martin Hafer Gomez, Environmental Engineering and Science Changyun Gong, Security Informatics** Andrew Daniel Good, Computer Science* Kevin Scot Goodell, Environmental Planning and Management Robert Bryan Gordon, Computer Science** Meaghan Rose Gough, Systems Engineering* Richard Mark Gouldie Jr., Systems Engineering Thomas Berry Green, Systems

Kevin Michael Griffin, Systems Engineering** Ryan Joseph Gross, Environmental Planning and Management* Victoria Anne Gruwell, Environmental Engineering and Science* Daniel John Guderian, Computer Science** Thy Cieliesz Guintivano, Systems Engineering Baruch David Gutow, Computer Science James Sungji Ha, Computer Science** Gregory George Halfinger, Information Systems Engineering** Dallas Justin Hamann, Systems Engineering** John Jozef Hamann, Systems Engineering Riley Hammerschmidt, Systems Engineering* Bing Han, Security Informatics** Rey Dieu Hang, Cybersecurity** Scott Russell Hansen, Systems Engineering William George Haris, Electrical and Computer Engineering Jake Romberger Harner, Systems Engineering** Jonathan D. Hartley, Computer Science* Rachel Anne Hashoian, Electrical and Computer Engineering Joshua Robert Hattery, Electrical and Computer Engineering* Adrienne Haynes-Wilkins, Information Systems Engineering Jason Jicheng He, Computer Science** Kevin Michael Hedrick, Systems Engineering Joseph A. Heinrichs, Applied and Computational

Mathematics**

*Degree conferred August 21, 2015 **Degree conferred December 30, 2015 Engineering

Samantha Rose Lewandoski,

Mason Zachary Hemmel, Security Informatics Ryan Andrew Hendrickson, Information Systems Engineering* Jason Alan Herring, Computer Science Erin Jones Heydinger, Environmental Engineering and Science* Kesha Tarallel Hill, Information Assurance* Veronica Adelaide Hines, Technical Management* Collin Ross Hinson, Electrical and Computer Engineering** George Morris Hollenbeck, Systems Engineering** Taylor Timothy Holmes, Electrical and Computer Engineering* Alexander Lee Hom, Computer Science* Arsean Hooman, Electrical and Computer Engineering Sagor Hoque, Systems Engineering** Diamond Renee Howzell, Information Systems Engineering* Yiyuan Hu, Security Informatics** Adam Joseph Hueve, Electrical and Computer Engineering* Logan Drake Hughes, Information Systems Engineering Ryan William Huleatt, Systems Engineering** Zachary Benjamin Hullihen, Computer Science* Justin Charles Hunt, Systems Engineering* Syed Hassan Mujtaba Husain, Environmental Engineering and Science Gregory Charles Hustead, Technical Management Anthony Edward Hylko, Environmental Engineering and Science* Mike Iserman, Computer Science

Rashea McCall Jackson, Systems Engineering Jeremiah William Jansen, **Computer Science** Daniel James Jason, Information Systems Engineering** Fathima Shameela Jiffrey, Environmental Planning and Management Christopher William Johnson Jr., Systems Engineering* Jaime Lynn Johnson, Environmental Planning and Management** Mark Peter Johnson, Electrical and Computer Engineering** Robin J. Johnson, Technical Management Kori Elise Junghans, Computer Science Kelly Lynn Kammerman, Electrical and Computer Engineering Facely Kande, Cybersecurity* Sharbel Karam, Technical Management Christopher Delton Karlen, Computer Science** Kathleen M. Kauffman, Computer Science* Deepak Kaul, Computer Science Richard Lee Kim, Systems Engineering** Douglas Kmiotek, Environmental Engineering and Science Kory Knabenshue, Electrical and Computer Engineering William P. Knipscher, Environmental Engineering and Science Bonnie Lynn Kolaya, Systems Engineering Christopher Jon Kralowetz, Electrical and Computer Engineering Valentine Kravets, Computer Science** Andrew Michael Krentz, **Computer** Science Douglas Richard Krueger,

Cybersecurity

Stephanie Kubico, Environmental Planning and Management Katelyn M. Kufahl, Electrical and Computer Engineering Andrew Walter Kupchock, Electrical and Computer Engineering Nicholas Levi Labrecque, Systems Engineering Daniel Lagreca, Computer Science John Peter Laky, Computer Science Quang Phuoc Lam, Systems Engineering Kristen Steinman Lamont. Applied and Computational Mathematics** Kristopher Nicholas Lamont, Electrical and Computer Engineering** Ellwood James Lane, Electrical and Computer Engineering** Adir Michael Langermann, Applied and Computational Mathematics** Andrew W. Lassiter, Computer Science Christopher Eric Lau, Cybersecurity Heather Smith Layrisson, Environmental Engineering and Science* Christopher Edward Leach, Electrical and Computer Engineering Eric A. Leadbetter, Computer Science Joshua Donald Leaverton, Computer Science* Benjamin Divakar Lefstein, Environmental Planning and Management** John Ryan Leonard, Environmental Engineering and Science** Patrick Leong, Computer Science* Michael James Lervold, **Computer Science** Kelly Marie Leuschner, **Computer Science**

Applied and Computational **Mathematics** Peizhao Li, Security Informatics** Eric Khang Liang, Electrical and Computer Engineering** Shawn Xia Liang, Technical Management** Kira Lei Lindke, Computer Science** Yaning Liu, Security Informatics** Ziyi Liu, Geography and Environmental Engineering** Brockton Andrew Livick, Computer Science** Christina Maria Lloyd, Technical Management** Nelson Loaiza, Computer Science* Jose Isaac Lopez, Electrical and Computer Engineering* Weihong Lou, Security Informatics** Kenneth Wing Louie, Information Systems Engineering** Susan Elaine Lucas, Systems Engineering Mary Julia Luke, Systems Engineering Jason Ronald Lund, Electrical and Computer Engineering* Yuriy Lyakhovets, Information Systems Engineering* Brad Thomas Lytle, Computer Science Patrick Delos Santos Macatangga, Applied Biomedical Engineering John Christopher Machovec, Computer Science* Matthew Bradley Macnak, Electrical and Computer Engineering** Lindsey Leona Mahoney, Applied Biomedical Engineering** Jason Adam Makstein, Computer Science* Nikunj Malik, Security Informatics**

Michael Marcinak, Electrical and Computer Engineering** Jonathan Samuel Marshall, Electrical and Computer Engineering Tarice Antoinette Martin, Technical Management* Brendan H. McCarthy, Applied Physics** Michael James Mccullough, **Computer** Science Mark Anthony Mcdermott. Applied and Computational **Mathematics** Brian Dennis McGuire, Technical Management* Colin James McKenna, **Computer Science** David J. McKiernan, Electrical and Computer Engineering Amanda B. McNamar, Systems Engineering Forest Clifford Mead, Security Informatics** Christopher Allan Melancon, Computer Science* Erik Michael Bullard Meline, Systems Engineering Tongbai Meng, Computer Science** Benjamin Michels, Electrical and Computer Engineering* Yevgeniy Sergeyevich Mikhaylov, *Electrical and* Computer Engineering** Nick E. Millan, Electrical and Computer Engineering** Gregory Neumann Miller, Technical Management** Raymond Lee Miller, Technical Management Steven Harrison Minich, Applied and Computational Mathematics Rebecca Denise Mitchell, Cybersecurity* Arunesh Mittal, Applied Biomedical Engineering** Andrea Angelina Molina, Systems Engineering** Jack Monegan, Information Systems Engineering**

Rahul Sushank Monga, Computer Science Mary Virginia Moore, Environmental Planning and Management** Phillip P. Morgan, Systems Engineering Caitlin A. Mott, Computer Science** Megan Lee Mudge, Computer Science* Andrew X. Mui, Computer Science** Ryan N. Mukherjee, Electrical and Computer Engineering** Luke C. Mullany, Computer Science Michael John Murawsky, Computer Science** Leigh Alan Murphy, Systems Engineering* Helene Young Myers, Cybersecurity Philip R. Myers, Computer Science** Wesley Young Myers, Electrical and Computer Engineering* Anubha Nagawat, Security Informatics** Robert James Naugle, Electrical and Computer Engineering Brian Dean Newhard, **Computer Science** Huy K. Nguyen, Information Systems Engineering Mic Nguyen, Technical Management** Wesley Minh Nguyen, Electrical and Computer Engineering** Benjamin Jon Nieporent, Information Assurance** Katherine Nolan, Computer Science* Aaron Richard Oberste, Electrical and Computer Engineering** Brendon John Offerman, **Computer Science** Anikwenze Udeozo Ogbue, Technical Management

Paul Nnamdi Ohai, Information Systems Engineering Matthew Wayne Ohler, Computer Science** Ifedayo Paul Ojifinni, Systems Engineering Ayodeji Ojofeitimi, Electrical and Computer Engineering Adaoyibo Denise Onwumere, Environmental Planning and Management** Jose J. Orsini, Environmental Engineering and Science* Melyane Ortiz-Acosta, Electrical and Computer Engineering** Arturo Osteguin Jr., Applied **Physics** David Adam Oviatt, Systems Engineering James Phillip Owen Jr., Computer Science** Jonathan Richard Owens, **Computer Science** James C. Paarporn, Computer Science* Andrew Pace, Applied and Computational Mathematics* Michelina Mary Galligan Pallone, Applied and Computational Mathematics* Justin Vrolyk Parker, Computer Science* Kim L. Parker, Systems Engineering** Jack Michael Parlevliet, Systems Engineering* Apoorva Satish Patankar, Security Informatics** Pratyush R. Patil, Applied Biomedical Engineering Stan Robert Pearson, Technical Management* Daniel Alan Peletier, Electrical and Computer Engineering** Anthony Rachane Perez, Systems Engineering Rigoberto Lewis Perez, Computer Science** Tammy Perrin, Computer Science Phillip Pham, Computer Science

Sean Pines, Computer Science** John Pirrone, *Electrical and* Computer Engineering** Scott Andrew Placide, Technical Management David James Pocratsky, Computer Science Joseph Charles Poczatek, Electrical and Computer Engineering* Joseph Porembski, Computer Science** Brianna Lynne Craig Poulos, Computer Science** Matthew J. Powers Jr., Applied and Computational Mathematics** Damon M. Prather, Information Systems Engineering** Caitlin Rose Pretz, Applied Biomedical Engineering** Jeremy D. Prince, *Electrical* and Computer Engineering* Steven Nelson Pritchett, Computer Science** Megan R. Propts, Computer Science Shane Michael Putnam, Geography and Environmental Engineering Yujing Qiao, Security Informatics** Lesley Hong-minh Quach, Computer Science** Erick Quezada, Electrical and Computer Engineering** Ryan Michael Quinn, Technical Management Saad Oureshi, Electrical and Computer Engineering Bradley Martin Raiford, Computer Science** Mark Edward Redden, Applied Physics Collin H. Reed, *Computer* Science Blake Reese, Technical Management** Stuart Rohan Reynard, Electrical and Computer Engineering**

Abdullah Riaz, Information Systems Engineering* Matthew J. Rich, Applied and

Computational Mathematics**

James Warren Richardson, Electrical and Computer Engineering*

Goran Ristovski, Technical Management

Anibal Rivera Velazquez, Electrical and Computer Engineering

Matthew Bowen Roberts, Information Systems Engineering*

Terry N. Roberts, *Computer Science*

Matthew Alan Robertson, Electrical and Computer Engineering**

Andrea Renee Robinson, Information Systems Engineering*

Nicolas Hernando Rodriguez, Information Systems Engineering**

Pedrito Rivas Rodulfo, Systems Engineering*

Louis Ricardo Roig, Systems Engineering

Wayne Freeman Rush, Systems Engineering**
Justin Lee Ryan, Applied and Computational Mathematics
Baran David Sahin, Electrical and Computer Engineering
Suman S. Sajjan, Systems Engineering**
Eric Richard Sanger, Systems

Engineering David I. Santiago, Systems

Engineering** Prashant Gopalrao Sarpatwari, Systems

Engineering* Bradley Sarratt, Technical

Management** Brian James Sawford, Electrical and Computer Engineering

Gregory Scarborough, Electrical and Computer Engineering Robert C. Schafer, Information Systems Engineering** Bradley Kyle Schaffer, Information Systems Engineering** Jason Christopher Scheller, Systems Engineering* Neal Schleimer, Systems Engineering* Kellie Shannon Seamans, Environmental Planning and Management Lauren Elise Sears, Computer Science** Anthony Selm, Systems Engineering* Matthew Jordan Selvyn, Cybersecurity** Matthew Shaeffer, Applied Biomedical Engineering William Robert Shaeffer, Systems Engineering* John Edward Sheaffer Jr., Computer Science* Zachary Adam Sheffield, Computer Science** Uday Pandharinath Shenvi, Cybersecurity* Donald Sheridan, Technical Management Nathan D. Shih, Computer Science Sudip Shrestha, Computer Science** Mohammed Fahad Siddiqui, Environmental Engineering and Science Jesse Barrett Singer, Applied *Biomedical Engineering* Danny Singh, Technical Management Tyrone Smith, Information Systems Engineering** Hayden M. Solomon, Environmental Planning and Management** Angelo V. Sonnesso, Systems Engineering Amadou Dioulde Souare, Environmental Engineering and Science** Evangelia Spyrou, Geography and Environmental

Engineering

Cybersecurity Jonathan Stephens, Technical Management** Sara Stiles, Applied Physics Madeline Louise Stone, **Computer Science** Joseph Andrew Strakna, Applied Biomedical Engineering Jose E. Suarez, Technical Management Joshua Sean Sunderlin, Electrical and Computer Engineering* Prahlad Suresh, Security Informatics** Shawn Jarrod Sustrich, **Computer Science** Andrew James Sutsko, Systems Engineering** Brandon K. Sutton, Information Systems Engineering James Andrew Syvertsen, Computer Science Rebecca Jean Szpieg, Systems Engineering Robert K. Tatem, Technical Management Bradley Phillip Taylor, Information Systems Engineering** Russell Young Taylor, Computer Science* Martin Saenz Teran, Systems Engineering** Mark Aaron Tester, Applied **Physics** Daniel Wayne Therrien, Applied and Computational Mathematics** Michael Reed Thompson, Systems Engineering Kendra Shelise Thurmond, Computer Science** Yifan Tian, Security Informatics** Evan Philip Tice, Computer Science* Michael Kiyofumi Toma, Computer Science* Paul Richard Trader, Electrical and Computer Engineering

Kyle Omah Stephen,

Arthur Oliver Tucker IV, **Computer Science** Neal Turett, Computer Science Mohamed Yassine Turki, Technical Management** Adam A. Turoff, Computer Science Zachary James Van Epps, **Computer Science** Lee Robert Varanyak, Computer Science* Eric Joseph Venturino, Computer Science Brian Vorees, Electrical and Computer Engineering Paul L. Wainwright, Systems Engineering** Corey Walley, Technical Management Aaron Paul Walters, Electrical and Computer Engineering* Jing Wang, Systems Engineering Jonathan Wang, Applied **Biomedical Engineering** Yukun Wang, Geography and Environmental Engineering** Evan M. Ward, Computer Science Patrick Watson, Technical Management** Shylah Jean Weber, Computer Science** Bradley Martenis Weidema, Systems Engineering Adam Richard Welle, Computer Science* Cassandra Lee Wellman, Systems Engineering** Matthew Mark Wellner, Electrical and Computer Engineering** John Alan Wells, Systems Engineering Miku White, Systems Engineering Derek Wickham, Technical Management** James Herman Wilkerson, Electrical and Computer Engineering Alan Emory Wilkinson, Technical Management

*Degree conferred August 21, 2015 **Degree conferred December 30, 2015

MASTER'S DEGREES AND CERTIFICATES -

David Christopher Willems, **Computer** Science Kyle Thomas Willett, Computer Science* Ajoke Olajumoke Williams, Electrical and Computer Engineering Christian Charles Williams, **Computer Science** Duncan Lewis Williams, Computer Science* Travis Charles Williams. Computer Science** Kelly Diane Williamson, Technical Management** Scott Nixon Wilson, Information Systems Engineering** Alexander J. Witko, Electrical and Computer Engineering Steven Dennis Wolbach, Electrical and Computer Engineering** Lauren Juyoun Won, Computer Science Maurice Benjamin Wong, Computer Science** Kevin Tucker Worcester, Electrical and Computer Engineering** Daniel Raymond Wortman Sr., Technical Management** Hao Wu, Computer Science** John Yun-chung Wu, Applied and Computational Mathematics** Marcus Kendall Wyche, Information Systems Engineering Enyang Xia, Geography and Environmental Engineering** Dewey Yang, Computer Science Matthew Philip Yeager, Applied Physics** Yang Hoon Yoon, Electrical and Computer Engineering* Rebecca J. Young, Technical Management Raymond K. Yu, Technical Management Victor Yu, Computer Science* Yifan Yu, Security Informatics** Zhao Zhao, Security Informatics** Linfeng Zhou, Security Informatics** Runxuan Zhou, Security Informatics** Xu Zhou, Computer Science Hongxi Zhu, Computer Science Jeffrey Michael Zielinski, Security Informatics** Kyle J. Zienin, Systems Engineering** Zhiyue Zu, Security Informatics**

Masters of Science in Engineering Management

Nicole Carolina Cade-Ferreira, **Engineering Management** Bernadette Hon Yin Che, Engineering Management Michael Emerson Cunningham, Engineering Management Nitya Dixit, Engineering Management** Sarika V. Halarnakar, Engineering Management Prateek Khamesra, Engineering Management** Ayushi Mishra, Engineering Management Kamaldeen Musah, Engineering Management Adegoke Adewale Olubusi, Engineering Management Ayodeji A. Olubusi, Engineering Management Oladotun Elijah Opasina, Engineering Management Lars-Eric Peterson, Engineering Management Ravi Akshay Shah, Engineering Management Melanie Anne Sachi Shimano, Engineering Management** Adam James Torres, **Engineering Management** Chong Wang, Engineering Management Manyi Wang, Engineering Management**

Lianfei Yan, Engineering Management Ling Tak Melinda Yau, Engineering Management

Masters of Chemical & Biomolecular Engineering

Courtney Joseph Tate** Danyi Zhang

Masters of Civil Engineering

Tyler James Bringe Kerry Ellen Johnson Paul Marotta Paul Joseph Reichert PE Derek Jacob Ziese

Master of Engineering Management

Kin Hang Leung, Engineering Management

Masters of Environmental Engineering

Michael Anthony Fleming* Moriah Gelder* Narender Jambunathan Jonathan Kimchi**

Masters of Materials Science & Engineering

Lance Michael Baird Arthur Maxwell Grace Yakira Howarth Yvonne A. Okafor Matthew J. Stafford**

Masters of Mechanical Engineering

Kibanou Bodjona** Michael Norman Brill** Mark Bryant* Jacqueline E. Burke* Geoffrey Aaron Cunningham* Michael Thomas Dwyer David Andrew Flury** Rachel Ann Geary** Christopher Ryan Haslup Jessica Marie Hatch** Reeve Ilse Heinis Nathan G. Jankovsky Lauren Elizabeth Magee James G. Near Gregory James Neary* Daniel Patrick O'Neil Jr.** Matthew James Ousborne* Juan Carlos Roman-Sanchez Joseph M. Rudy Michael J. Serafinas** Robert Lee Smith Jr.** Leah Strohsnitter** Andrew Jackson Taylor

Masters of Arts

Yuan Chen, Applied Mathematics and Statistics** Jian Jin, Applied Mathematics and Statistics** Zhongyang Ma, Applied Mathematics and Statistics Yuanzhong Ou, Applied Mathematics and Statistics Nikhon Schuler, Geography and Environmental Engineering Xia Song, Applied Mathematics and Statistics** Bo Tao, Applied Mathematics and Statistics** Guanyi Wang, Applied Mathematics and Statistics Jinglun Wang, Applied Mathematics and Statistics Fangzheng Xie, Applied Mathematics and Statistics

Graduate Certificates

Michael Aden, Systems Engineering* Jodi Ashmun, Systems Engineering** Juciana Almeida Barbosa, Systems Engineering* John Michael Benson, Systems Engineering* Barbara Renee Biggs, Systems Engineering* Christian Bravo, Systems Engineering* Aaron Robert Camasso, Systems Engineering**

Ryan Kent Cathcart, Systems Engineering** Jorge Chacon, Systems Engineering* Christopher J. Cleary, Systems Engineering** Amuche Nwamaka Clermont, Systems Engineering** Jeremy Judson Cohn, Environmental Planning and Management** Philip Cook, Systems Engineering* William J. Cottrell, Systems Engineering** Dean Allen Dickherber, Systems Engineering* Steven Duke, Systems Engineering* Sharon Isabel Fairbairn, Systems Engineering** Randy Tyrell Fields, Systems Engineering Joshua Cory Flores, Systems Engineering* Anthony Richard Florez, Systems Engineering* Margret Emily Gabriello, Systems Engineering** Victor Manuel Galloza, Systems Engineering** Cynthia Garcia, Systems Engineering* Daniel Gomez, Systems Engineering* Johnny Gov, Systems Engineering* Daniel Robert Gowans, Systems Engineering* Brian Adam Gunn, Systems Engineering* Scott Russell Hansen, Systems Engineering* Keith William Hensley, Systems Engineering* Jorge Luis Hiraldo, Systems Engineering John Andrew Hughes, Systems Engineering Ryan Thomas James, Systems Engineering Matthew Lawrence Janicki, Systems Engineering*

Bryce Kirby, Systems Engineering** Philip D. Kusler, Systems Engineering* Nicholas L. Labrecque, Systems Engineering** Quang P. Lam, Systems Engineering** Andrew Walter Largey, Systems Engineering* Jason Ryan Lavine, Systems Engineering* Donald Ray Litteral, Systems Engineering Andrew Lloyd, Systems Engineering* Todd Michael Lobins, Systems Engineering** Christopher James Loconto, Systems Engineering** Thomas Peter Long, Systems Engineering** Joseph Gregory Marcus, Systems Engineering* Brad Scott Marples, Systems Engineering* Daniel Charles Mauro, Systems Engineering** Robert Allen Mauss, Systems Engineering* Amanda McNamar, Systems Engineering** Sasha Knowles Meshel, Systems Engineering* Kevin Michael Moore, Systems Engineering* Shaddy S. Morgan, Systems Engineering* Jeremy Paul Morse, Systems Engineering* Tanuja Ashekin Mouli, Systems Engineering* Brandon Kew Wei Mui, Systems Engineering** Kellie Sumi Murakami, Systems Engineering* Andy Quang Nguyen, Systems Engineering* Quang C. Nguyen, Systems Engineering* Thai Quoc Nguyen, Systems Engineering*

Jessica Liz Nieves, Systems Engineering** David Oviatt, Systems Engineering* Ricardo Hernan Paredes, Systems Engineering* Snehali Y. Patel, Systems Engineering** Ignacio Antonio Paulino, Systems Engineering** Donald John Porterfield, Systems Engineering** Paul William Rieck, Systems Engineering* Jason Eric Rinckey, Systems Engineering* Zulinette Rodriguez Colon, Information Systems Engineering* Robert Sarama, Systems Engineering* Gail Sergi, Systems Engineering** Kimberly Ann Smith, Technical Management** Angelo Vincente Sonnesso, Systems Engineering** Joshua Joel Strain, Systems Engineering* Christopher Carlson Sublett, Systems Engineering* Scott Tam, Information Systems Engineering* Daniel David Theroux, Systems Engineering** John Brock Ullrich, Systems Engineering* Timothy James Wall, Systems Engineering* Bradley Scott Williams, Systems Engineering* James Russell Forster Withy, Systems Engineering* James Evan Witt, Systems Engineering* Matthew McKean Woolridge, Systems Engineering* Aldo Gino Zanelli, Systems Engineering

Certificates of Advanced Study in Nanobiotechnology

Ivie Aifuwa, *Nanobiotechnology* Herdeline Ann Mallari Ardona, *Nanobiotechnology*

Tovah Yaffa Honor Aronin, Nanobiotechnology Sebastian Felipe Barreto Ortiz, Nanobiotechnology Alan Shu Liu, Nanobiotechnology* Colin Dowlin Paul, Nanobiotechnology* Jude Marvin Phillip, Nanobiotechnology** Christian Michael Pick, Nanobiotechnology** Amanda Levy Placone, Nanobiotechnology Daniel Eric Richman, Nanobiotechnology* Julia Caroline Swavola, Nanobiotechnology* Andrew Douglas Wong, Nanobiotechnology*

THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

Post-Master's Certificate in Sequence Analysis and Genomics

Xiefan Fang*

Masters of Science

Pinaki Bose, Chemical Biology*
Theodore Jun Ming Chan, Molecular and Cellular Biology
Alice Caroline Jiang, Molecular and Cellular Biology
Kameko Makanalani Karasaki, Molecular and Cellular Biology
Dillon B. Nye, Chemical Biology*
James Hampton Rives, Chemical Biology*
Sabrina Sue Schatzman, Chemical Biology

Masters of Science in Applied Economics

Samir Johnny Abu-Hamad Pujish U. Amin** Margit Elizabeth Andreassen* Domingo L. Angeles** Braxton Lee Apperson IV Natalie Michele Armel Matias Jose Arnal** Ashley Sachi Arriaga Zhannur Ashigali Tinsae Ayalew** Michelle Barclay Bacon** Veronika Badurova Mark Antonio Bailey* Rahul Banerjea Jillian Troy Beauchamp** Hope Elizabeth Bennett Smita Bhatia* Loubens Blaise Casey William Botts** Matthew Hales Burgess* Henry Adam Butler Youjin Byun** Inga Kenris Carey** Mercedes Ceballos Oceja Pete Cellini** Emma G. Chaiken Jeremy Judson Cohn** Nathaniel D. Coley Jr.** Shawn Patrick Comiskey** Kyle Adam Curd David Emrys Darrell** Erick Nicholas Delgado* Paul Cornelius Deschene Julio Eduardo Diaz-Sosa* Jonathan Patrick Doran* Hao Duong Alex Julian Durante Assel Dykanbayeva** Iustin Charles Enck** Patrick Griffin Fischetti Guangyuan Gao** Yutong Gao* Vishal G. Gathani Ionathan Glaser** Lauren Elizabeth Gramza Peter Grivas Eric P. Hayek Daniel John Henebery*

Jacob Edward Herlihy Brian Raymond Hewitt Nathan Lloyd Hinton** Valerie Lynne Hoglund* Katherine Matsue Jackstadt** Rula Jamous Joao Kallas Jatene Siwei Jin Danit Elise Kanal Devin Rhys Keane** Eric Krall** Siddharth Pramod Kulkarni Daniel Jun Lee* Heyoung Lee** Jun Adam Lee Jiarong Li Ran Li Sheng Li Yefei Li Yiqun Li* Zitian Li Jolie Suhshiow Lin* Catherine Jiun-Yan Liow Wen Liu James Benjamin Lucas Jr. Corrinne Luo Nurgeldi Meredov* Claudia Marcella Molinar* Yesica Gabriela Morales Zazueta Samuel Moreno Gonzalez** Bradley Michael Morgart Jihyun Nam David Merton Narvaez Alicia Bonner Ness* Alison Stewart Ng* Alexandre Kim-son Nguyen-Duong Anil Radzhevich Niraula Nurudeen Ogunsanya* Uchechukwu Anthony Oluku Gavin Daniël Matthias Ooft* Ieremy Michael Oreper* Semmi T. Pasha Patricia Claire Price Sabiha Ahmed Quddus Kelly Jo Quinn** Yekaterina Vadimovna Radchenko** Jeffrey Rapp Dmitri Repnikov*

Rebecca Lynn Riddell Samuel Einar Rinde Adrian Robles Villamil** Sandeep Sadanandan Brian Joseph Salerni Aman Sarup John Carroll Scholle* Wade E. Shafer Qiwen Sheng Gregory William Shirk** Namrata Shrestha David Skowronski Jeffrey Edward Spieldenner** Julius Arthur Stewart Lisa Nope Thamuk Mbengele Andrew Thomas* George Tsetsakos** Michael Joseph Tydlaska* Ivan H. Vazquez Rebecca R. Wheat** Angela Noelle Woodhead Xuefeng Xing** Xiaoxiang Xu Yi Yang** Qiaoyu Zhang** Wenlei Zhang* Yucheng Zheng** Di Zhu**

Masters of Science in Bioinformatics

Shruthi Bhat Bandyadka Sebastiano Battaglia* Kevin Brown Gary L. Buser** Alexander Chester Cameron** Apaala Chatterjee** Hyeon Jin Cho Seong Yeon Cho Shahenda Mahmoud El-Naggar* Anthony Richard Evans* Sarah Facci Zoya Farooq John Russell Ford Michael Benson Frisch** Shivani Garg Aviva Chana Geretz** Deepali Gururani **Emily Jane Harris** Carolyn Faye Hetzer*

John Barton Horne Brent Michael Key** Martin Alexander Lubell Christopher Francis Maloney* James Eric Matsumura** Jocelyn Mary Munson** Ahmed Yousry Naguib* Wolfgang Matthias Peissner Vanessa A. Perez** James A. Perry Wendy Ann Pitman** Muhammad Adeel Oureshi Behram Sarosh Radmanesh Shohaib Ahmad Shaffiey Shambhavi Shankrit* Blake Robert Shester* Henoke Kifle Yohannas Shiferaw** Yuriy Skripchenko **Rebecca** Chappel Spence Seth Michael Stadick Mia Kim Steinberg** Robert Forrest Thoburn Adam D. Turbiville Gopi Mahendra Vyas Keren Xu **Gregory Paul Zollner**

Masters of Science in Bioscience Regulatory Affairs

Brent Gordon Burger Holly Beth Cargill** Joanna Chu Katherine Coyle** Yihua Gao** Marie Germaine Mameza* Victoria Suque Montemayor** Robin Stephens Lin Wu* Hainian Zeng**

Masters of Science in Biotechnology

Cindy Acon Chen Sanmit Sanjiv Adhikari** Amina Ahmed** Fumiaki Aihara Hannah Olufolakemi Akintayo Paul Joseph Akre** Mikhail Akselrod** Rakan Saleh Ali Albalawy Girum Alemu* Shaheen Ali J.D. Dora Amoako** Jordan Aoyama* Ryan Kamran Assadi* Courtney Ann Austin Antony Sameh Awad Christopher Michael Bailey Rebecca McClintock Barnett Amanda Michelle Beneat** Samyukta Bengeri Leighann Victoria Berg** Hetal B. Bhatt Lisle William Blackbourn IV* Christina Elise Borchers* Victoria Maria Braida** Jennifer R. Brubaker Jessica Margaret Buddenbaum

Amy M. Burkall* Antonia Gregoria Burkhard Kevin Matthew Camstra Pablo Canales Herrerias Christopher Joseph Cappello Daniel Reed Carpin Sean Michael Caruthers James Daniel Casaletto** Diego Andres Castaneda* Cynthia Elena Chanduvi** Samuel Jaeyoung Chang Randolph Phillip Chapman** Shalaka Chaudhary** Anjali Chawla Larissa Mugwie Check Iyah Chen Pin Chun Emily Chen Tianli Chen Saranya Chitturi** Melissa Lam Chong* Eileen Diane Chu Randy Michael Cohen** Kelly Elizabeth Coughlin Kelly A. Covert* Shawn F. Cowan** Corinna Jenise Crayton Rebecca Lynn Cunningham* Elizabeth Loughlin Daley Blake Evan Dalley Joshua Thomas Davidson Emily Faith Davis

Ileana Yadira Davis Greg Despotidis Alex Edward Dobzanski Bridget Fleming Donnelly Collin Joseph Dube Evan Cole Dunnmon Mitchell Alden Ellison II* John Colter Engel** Elizabeth L. Engle Raymond Bryan Erickson* Natalie Alicia Escola* Christopher Conrad Fahlsing Faria Alam Fatmi Debra Jean Flint* Danielle Shana Gabe Colby Lee Ganey Kavitha Gangapuram Caroline M. Garber Manasee Gedam** Vincent P. Giannandrea* Sharon Pamela Gill** Amber Glowacki Stephanie Oletha Golub Hafez Golzarian Alexis Taylor Gonzales** Rajalakshmi Gopala Sundaresan Veronica Patrice Gore Javaughn Corey Rufus Gray Uasim Hasan Harkus** Pooja Ravindra Hebbale** Phat Lap Hua** Elaine Bywater Hynds Christopher Nino Ibabao Nina Charissa Aguilar Infantado James Irwin Naguan Eric Ishman* Lansara Jaruthien* Tiffany Jauhari** Zenish Javiya** Aanishaa Jhaldiyal Anja Jones Aditya Venkata Josyula** Danielle Marie Judge Michael Joshua Kaminski* Yi Tin Kao Jehshua Karunakaran Alexis Rebecca Katz Dylan Zane Kelley Mariam Malikyar Khan* Zubia Khan**

Flordes-Belen Lopez Kho Michael Kielmanowicz Edwin Jaehwan Kim* Hyunguk James Kim Kenneth Kim** Michael Charles Kistler Jennifer C. Kleponis Angela Baaba Koomson Monisha Priya Kota Arthur Kuan Mridula Kumathe** Julia Maria Ladna* Paula A. Ladne* Brent Jacob Lavey Rebecka Elizabeth Lawrence Rosangela Lazaneo* Estefania Alexandra Lazo Katherine H. Lee Ghali Lemtiri-Chlieh Elena Christina Leon Jimmy Leone** Nicole Marie Likeric Hsin-hsueh Lu Yi Feng Luo** Bao Chau Khuong Ly Taylor Pryor Lyle* David Patrick Maguire **Riaz Mahmood** Richa Sunil Majithia** Amy Michelle Manaresi Manish Chandra Mandava Christine Andrea Mantilla** Monika Iris Martinez Joel Symon Marx** Katrina Jewel Mayes Samson Kamau Mbugua** **Jillian McConnell** Kelsea Leigh McDyre Michael S. McGinnis** Tyler L. McKenney** Joshua Alex Mekler Ashley Appell Melber* Adarsh Menon* Luciano Misitrano Jonathan Mitry Jaimineeben Narendrakumar Modi Ana Carolina Monteiro Rodrigues* Kevin Matthew Najarro Nadereh Nasr** Alexandria Nicole Nelson

Colette Georgette Ngo Ndjom Christopher Nguyen* Huong Thanh Nguyen Michael Nguyen** Catherine Nguyenngo Nymisha Nimmagadda Scott Thomas Nolan Michelle Brooke Offit Omotara Adejoke Ogundeyi* Charity O. Ogunsanya** Ali Murat Okur Ann-Christine Olsson Allen* Joshua Edward Olszewicz Abed Pablo Brittany Victoria Pace** Robyn Pack Maryknoll Mawanay Palisoc Krishnanchali Panchalingam** Reecha G. Pandya Noordeep Kaur Panesar Ani Patatanyan Pauline Marietta Pelletier Anastasia Dawn Petersen** Shruti Vijay Phadke* Natalie Vinh San Pham** Mary Pierce Burlingame Michael Christopher Platchek Brittany Delores Plater MLS (ASCP) CM Anderson Maximilian Pretti** Erica H. Pullins Avik Purkayastha Ali Radmanesh Angela Carol Reid** Stella Michelle Rhee** Jonathan Patrick Rice** Amy Samir Rizkallah Tim Curtis Roane** Akira Jakeh Robinson Jacob Willis Rogers Che Anthony Ross Amanda Rossi Shubhda Roy Danielle Paige Ruiz* Gurleen Saini* Divya Vidyadhar Savant* Katelvn Leanne Schulz* Robyn Nicole Schwartzman* Brian S. Sechrist Philip Vincent Seegren

Steven Scott Senglaub II Kumba Jarra-yalla Sennaar Katie Gyeonghee Seong Tekiyah Aminah Shabazz Murad Ali Shah Shahriar Shahami** Rahul Sharma Jae Woo Shin Chelsea Sue Camacho Sicat Carl Simon** Danielle Sisto* Simrat Kaur Sodhi Aaron Anthony Spinogatti* Michael Scott Spitz Carol Elizabeth Stammel Barrett R. Steltz** Juliana Lily Stone Sabrina Michelle Stronsky** Ryan Temal Surujdin Erin Margaret Sweeney** Aaron Stephen Chua Sy Jacob Solomon Sykes Jaclynn Christine Marie Szwagiel** Allyn Olivia Toles* Daniel Martin Tuerff Angelica Chizalumekpele Ukaigwe Isra Ehtesham Uz-Zaman Chelsie Paige Van Sciver* Myooree Velayutham Andrea Victoriano* Natasha Vinod** Aileen N. Virella Maria Del Carmen Vitery** Joseph Michael Vukovich Megan Elizabeth Waller** Jameson Andrew Walsh** Amanda Everson Wardlaw Morgann Linnea Warren** Joshua Doron Wayne Ashley Nicole Wilson Bradley Charles Winters* Frederick Eugene Wolf** Michelle Lynn Yaworski** Martin Hyun You** Ryan Jonathan Young* Garmen Yuen Renee Hsiaodi Zhang

Masters in Biotechnology Enterprise and Entrepreneurship

Erika Balfour Debra Lynn Brennan Erin Cline Davis** Michael Paul Demilt** Shafiah Priti Firoz** Daniel Gil Castillejo Sara Emi Grav Casey Hammontree Ishita Kothari* Langston Lim Madeline Rose McCarthy* Juan Ignacio Montesinos Jr. Matthew David Palin Sasank Raheel Peramsetty* Brian Joshua Stamper Ben Svarczkopf Daniel Robert Trujillo Liyingzi Zhou**

Masters of Science in Energy Policy and Climate

Augusto C. Bonzi Teixeira Paul Elliot Herrick Burman Jordan Daniel Dickinson Arianna Rose Foster** Matthew Harbeson** Alexander Lee Haust** Evan Jurkovich Tanobla Aurelie Ange Konin* Ryan Koronowski** Alexander Pasternak Merigan* Aaron Staniszewski** Seth William Stulgis

Masters of Science in Environmental Sciences and Policy

Theresa Rose Allinger* Ashley Duggan Arayas Michael Andrew Bitting** James Quinn Brantley Alexis Lee Bryk-Lucy** Cristina Isabel Castillo* Samantha Celmer Ayse Ergin** Zeynep Ergin** Rachael Elaine Evarts** Emily Katherine Franc Emily Douglas Freeman Michael Hardesty* Kathryn B. Harris** Allen J. Hollenbach Fatimata Kane Brian Joseph Knieser* John D. Lorette Jaclyn Evonne Ludema** Robert Francis Martz** Fabiola Maria Lucia Mercado Jaldin** Laura Ann Thomson Miller** Theresa Grace Savarese** Kristen Michelle Sebasky Ann McCafferty Slaughter* Anderson Ryan Smith* Noor Teebi Anna Rachelle Thome* Marisa Rose Tricas** Ernest Carl Woodward Jr.** Jia Li Zhu

Masters of Science in Geographic Information Systems

Robert John Dawes Michael Nathan Hendell** Ryan M. Kelly* Paul Michael Lantos MD Courtney Dianne Maxson** Karen A. McCall** Thomas Eugene McGill Brian Mark Michelotti Janelle Lynn Versnick Ji Hyun Yeam

Masters of Science in Government Analytics

Francisco Castellanos Zachary Craig Hanson** Andrea Peterson Hill Sara Ali Zikri**

Masters of Science in Regulatory Science

Luis Aponte** Holly Bilinski Aubrey Buenger** Kenneth Chen** Donald Andrew Clark Erin Elizabeth Crawley Alisea Crowley** Kristin Allison Davis Sadan Deuja* Khadar Adan Diria* Maliha Faroqui** Heather Noelle Figula** Jeanne Ellen Greenwald** Michelle Monica Guice** April D. Hernandez Satyabhama Krishnan** Hai Thanh Luong Grace Li Ma** Michael Paul Manning Vinhdzu Nguyen Akif Hasan Syed Niaz** Tiffany Nichole Oliphant* Ashmi Patel Karen A. Poulter Ryan Patrick Quinn* Jake Andrew Rogala* Melinda Anne Russell Jason Herbert Seifert** Manasi Shelar** Gregory Son Ichchha Upadhyaya** James David Utley** Kelly Alexis Waldman** Lorraine Denice Wood Ying Zhang

Masters of Fine Arts

Christopher Jackson Childers, Writing Seminars Carmen Storm Dolling, Writing Seminars Benjamin L. Eisman, Writing Seminars Benjamin Ross Goldberg, Writing Seminars Jessica Rae Hudgins, Writing Seminars Byron Nicolas Landry, Writing Seminars Zehra Nabi, Writing Seminars Madeline Kate Raskulinecz,

Writing Seminars

Masters of Arts

Nikola Andonovski. Philosophy** Iskandar Atakhodjaev, Physics and Astronomy* Caleb Lucian Baechtold, Mathematics Nicholas Richard Becker. Cognitive Science Prasenjit Bose, Physics and Astronomy* Elizabeth Alvord Buenger, Molecular and Cellular Biology* Álvaro Caso Bello, History* Derek Michael Cerchione. Molecular and Cellular Biology* Manwei Chan, Physics and Astronomy Hongbin Chen, Physics and Astronomy Wan-schwin Allen Cheng, Economics* Kenneth Tan Co, Mathematics Alex Michael Confer, Chemistry** Anthony John Cordisco, Physics and Astronomy** Elizabeth Emory Davis, Cognitive Science Benjamin Ernst Diamond, **Mathematics** Daniel Elias Diaz Romero, Chemistry Yige Dong, Sociology* Noelle Victoria Dubay, English Ioana Andrada Dumitru, Near Eastern Studies Giulia Valeria Elli, Psychological and Brain Sciences Alexander Tilghman Englert, Philosophy** Taosha Fan, Mathematics* Emily Margaret Forrest, Economics* Christopher Alden Forster-Smith, Political Science Jeremy Fradkin, History* Ryan Philip Fried, Political Science** Wesley Fuhrman, Physics and

Astronomy*

Andrew Michael Gray, Economics* Parul Gupta, Economics* Kirsten Renee Hall, Physics and Astronomy Charles Stewart Hussong, Physics and Astronomy* Tobias Reed Huttner, English Angela Noel Hvitved, Philosophy* Jeffrey William Juliano, Physics and Astronomy Ricado Eduard Jacobs, Sociology* Asha Kadara Jordan, Earth and Planetary Sciences Minhyoung Kang, Sociology* Tanvi Karwal, Physics and Astronomy Michael Anthony S.S.M. Kelly, Physics and Astronomy Zachary Kelly, Chemistry* Shujaat Ali Khan, Economics* Sein Kim, Psychological and **Brain Sciences** James Levi Knippel, Chemistry Daniel James Laverty, Chemistry* Sung Mey Lee, English Jianhui Li, Economics* JunYi Li, Mathematics Samson Lin, Political Science* Jeffrey J. Liu, Chemistry** Vittorio Loprinzo, Physics and Astronomy Logan Suneil Maingi, Physics and Astronomy* Megha Majumdar, Anthropology* Patrick McAlarnen Martin, **Mathematics** Nicholas Freeman Mehrle, Physics and Astronomy Reid Elliott Messersmith, Chemistry* Joseph M. Monti, Physics and Astronomy Stephen Michael Neihaus, Philosophy* Georges Obied, Mathematics* Georges Obied, Physics and Astronomy* Thomas Cathal O'Connor, Physics and Astronomy*

George Oppel, Political Science* Jessica Rose Panella, Chemistry* Scott Christopher Perlik, *Mathematics* Dexnell Gervais Lawson Peters, History* Daniel Noah Pfeffer, *Physics* and Astronomy Juliana Maria Bubna Popovitz, Psychological and Brain Sciences Kevin Matthew Powell, Philosophy** Eric Moshe Press, Chemistry* David Allen Quist, Chemistry* Bin Ren, Physics and Astronomy Kelsey Danielle Ridenour, Political Science* David Paul Rivas, Physics and Astronomy Jeffrey Seth Roskes, Physics and Astronomy** Ulascan Sarica, Physics and Astronomy** James Hoitsma Schelberg, Philosophy** Morgan J. Shahan, History* Tristan Sharp, Physics and Astronomy* Yu Shi, Physics and Astronomy* Kenneth Smith, Chemistry** Julie Anne Spencer, Chemistry* Zuodong Sun, Chemistry* Sarah Templier, History* Mircea Tomai, German and Romance Languages and Literatures* Tara Kim Tran, *History** Olga Valeryevna Tweedy, Earth and Planetary Sciences** Smriti Upadhyay, Sociology* Heidi Lee van de Wouw, Chemistry* Alexander William Wade, Molecular and Cellular Biology* Jill Susan Waller, Near Eastern Studies Youcheng Wang, Physics and Astronomy

Xiaokang Wu, Earth and Planetary Sciences* Brent Jeffrey Yelle, **Mathematics** Jason Maurice Yonover, German and Romance Languages and Literatures** Xinting Yu, Earth and Planetary Sciences Michele Zanobini, Classics Shu Zhang, Physics and Astronomy Yuan Zhao, Classics* Zehua Zhao, *Mathematics* Liwei Zheng, Chemistry* Jin Zhou, Mathematics

Masters of Arts in Applied Economics

Michael Patrick Brennan Kaushik Chakrabarti** Felice Francesco Fava Daniel Killian** Emily J. Knickerbocker** Chems E. Lo* Erica Jean Meyer** Nathaniel Robert Milhous* Sergei A. Shev** Kevin W. Smith** Karen Herrera Villatoro

Masters of Arts in Communication

Emily Nicole Amos** Jessica Kartalija Anecharico Nadia Anwar** Jennifer Lynne Bakos Brendan James Balestrieri* Donna Jeanne Barkson** Danielle Christina Bell Christiana Grace Briddell Andrew Ryan Browning Christopher Calabro** Lia Miranda Carvalho Inocencio T. Castro Jr. **Rachel Elise Charity** Ruth Eileen Clemens* Elise Shannon Crawford** Jordan Brooke De Jong** Caroline McGehee DeLaney* Paola Victoria Echeverri

Wala'a Elbarasse** Stephen Dewitt Ellmore Carly Erin Eskin Hope Shanae Fentress Alyssa Paige Freeman-Moser** Natalie Kay Fullenkamp* Eileen Dolores Gonzalez** Ariane Shea Guidry Jordan Arianna Guiton Taylor Reed Haley Rachel Lynne Harvey William Herth Emily Layne Hogan Jennifer Marie Hoover Michelle Marie Hunsberger** Carey Anne Campbell Hunter Bianca Kristina Hutton* Sherrie Antoinette Johnson** Emily Anne Kashka** Elizabeth Claire Kelley Joshua Kay Seng Khoo** Shannon Leigh Lapierre Douglas Peterson Lent** Dorothy Samuels Levine** Haley Zoe Lindenberg** Christopher Fredrick Linn* Josmin Khatun Liss Sydnee Xavier Logan Allison Galbraith MacKenzie Katherine Christine MacNichol** Jason Thomas Maier* Nitasha Maindiratta Rosemary A. Manesis William Lee Martin Eileen Masciale** Holly McClelland** Dane McIntosh** Stephanie Anna McMahon Courtney Ann Mish Hannah Beth Mooney* Alexandra Jane Moorhead Kristen Marie Munoz Johanna Elizabeth Olivas Bailey Michelle O'Malia** Rose Cheryl Orbigo* Jessie Rose Palatucci** Kimberly Lebiecki Parent George Stuart Parlier* Liliana Parra

Christina Marie Perez* Angela Gina Pia Carly Elizabeth Raasch** Caroline Marie Rabbitt Zane Razane Daniel Tomás Rebolledo* Christina Elizabeth Robinette** Amanda Sadler** Noel Salzano* Tracy A. Scelzo Brad W. Simmons** Grace Delicia Nagia Sinaga** Michelle Kathleen Sparkman** Jennifer Catherine Stadnyk** Madelyn Amanda Stevenson Caroline K. Syms** Simone A. Totten* **Rocio Trelles** Allison Kay Ulstad Yuan Wang Kristen Marie Wellman** Kaitlin Daley Wetzel** Jermon Wyatt Williams Shawn Marie Woodbridge** Neelima D. Yelamanchili Esther E. Yun*

Masters of Arts in Global Security Studies

Adam Jeffrey Abramson* Hasib Danish Alikozai Laura Emily Benchea Emily Amanda Coltvet Gideon Michael French* Iohn Gaitan Simone Garreau Kathryn Grant** Soshana Miriam Hashmie* Michael Belden Homburg* Michael Thomas Hughes Olivia Huppert** Jennifer Michelle Jansen Adam Christopher Jones** Namrata Kolachalam* Matthew Stuart Lee* Alex Dean Leon* Anna Libkhen** Stephen William Long Claudia Maneggia

Ardak Masalimov Brandon Michael Mcvade Jiro James Hideo Oka* James Rene Raas** Liana Marie Saldana** Michael A. Sanchez* Natasha Schlenoff* Gregory Woodrum Shuck* Christopher Louis Sitter Maurice Sebastian Urbain Jeffrey Walter Warner Jasmine Cherrelle Williams*

Masters of Arts in Government

Erik Jon Ablin** Douglas Robert Andres** **Emily Anne Apsey** Michael Arsha Baharaeen** Reynaldo A. Benitez** Michael L. Billet** Kerry Brodie Daniel C. Bucheli Michael Francis Burns** Linda Hyunjin Kim Butcher Amanda Louise Collado Matthew Coughlin** Sue Ellen Dooley** Meredith C. Dyer* Nicole Michelle Golonka* Julie Marie Hutson* Ajith Mathew Jacob Alexander Daniel Jillions* Daesik Kim Michael H. Ly John Henry Meetz** Jee-young Min Edina B. Orth* Scott Thomas Parker **Charles Francis Rome** Gabriel Starosta** Edwin T. Vogt* Roxanne Yaghoubi* Charles Milton Yarborough IV

Masters of Arts in Museum Studies

Scotty Lee Almany Christina Rene Anderson** Marie Hadas Angel Charlotte Claire Aschbrenner*

Corie Megan Audette** Alexandria Paige Ayala Emily Claire Baker** Sean Blinn Casey Madelaine Bowser** Chelsea A. Bracci Kassandra Marie Bradshaw Kmitch* Celina Jay Candrella* Stephanie Erin Casalini Barbara Ellen Chamberlain** Nell Wallis Champlin-Scannell Miranda Lynn Chavis Scott Patrick Cheney** Eden Haewon Cho Abigail Nora Clarke* Deborah Ruth Coblenz** David Allen Conine Kavla Io Correll Erika Siobhan Cosme** Laura Idalia Cowie Katherine Sara Crouse* Stephanie Jane Dabek** Kathleen Marie Dean** Melanie Catherine Deer* Megan Elizabeth Dunfee** Luke John-Paul Fernandez** Jennifer Sikkema Ferraro Justin Ryan Filipowski Michele Renne Flynn** Rebecca Anne Goodrum* Ashley Lauren Gray Nicholas Griffith** Catherine Abigail Harting Lauren Alaina Henry Kimberly Hiltwein Lauren Ashley Huber Nur noa Özlem Akdag Ishaki* Erin Joyce* Eleanor Christine Langham* Iina Lee Dana Brett Lees Allison Renee Lester* Carolyn Elizabeth Lopit** Michael C. Loveland Victoria Kuuipo Malott** Laura Letitia Mancini Shuffler Mary Catherine Massie Madeline Denison McGraw* Jessica Ryan McPheters** DamariscottaCharlotteMiller*

Elizabeth Linn Murphy Rachel Jarman Myers** Gudrun Meta Nickelson* Jennifer Noel Noffze** Shannon Rae Leilani Lee O'Donnell Edward James Olack Jaimi Kaye Parker Amanda Olivia Peacock Hannah Jean Perez* Nora America Pinell-Hernandez* Kimberly Margaret Pollock Corinne Lynn Porter Annie Elizabeth Raup** Kristin Rey* Michael Louis Robichaud** Amber Nicole Satterthwaite Kimberly-ann Elizabeth Seeger Taryn Alexa Segal Ilana Rae Short** Amber Marie Simatic** Katherine C. Skelly* Cleofe Lanie Sloan Claudette Stecher Lopez Crystal Stein* Leslie Sharon Walfish* Maxwell Evan Walters** Edward Chuang Wang Sarah Lesley Weitman Rebecca Elizabeth Werner Angela Michelle Winand Sarah Katherine Winner Jada Wright-Greene*

Masters of Arts in Public Management

Nomzana Augustin Rowan Carrie Braybrook Clare Bresnahan Justin Nathaniel Brower Matthew John Farrauto** Yang Gao Michael M. Gleeson Michael E. Jones Jill Khoury Sallie Seo Yean You Ly Tadeusz John Marciniak Eva Akinyi Okoth Ozge Sayginer Kirk Lawrence Shirley Benjamin George Somers* Jimmy Srun* Aaron Welsted Stetter Elizabeth Frosch Taylor Amy Kirschner Thomas Jue Wang Veronica Ilona Weis Goodman

Masters of Arts in Science Writing

Carol Lois Berkower Eilidh Joanne Gilbert** Patrick Daniel Hahn** Karen Nicole Mitchell Joslyn Marie Neiderer Margarita Kirilova Yatsevich

Masters of Arts in Writing

Adam Ares** Brandon Matthew Arvesen** Victoria Lynn Balides Tyrese LaChelle Coleman** Drew Denton Daudelin** John Scott Dewey** Christopher DiFrancesco Elizabeth Doerr Lisa Ann Dulin Miles Ryan Fisher Kathryn Lee Fitzgerald David Mark Frey** Victoria Lynne Gaffney Shawn Gude** Miriam Hamilton PhD David Steven Hemlin Patrice Marie Hutton* James Eugene Jackson Jeanne Jones Hannah Jesse King** Kristen Chiara Ricaurte Knebel** Brittany Elizabeth Krueger Gail Lang Eduardo Loria Barbara Z. Mallory** Amanda Hart Miller** Miriam McCullough Nicklin** Alison Laura Nicola Godfrey Dele Onime Maria Christina Penn** Dwaine Rieves* Julia Marie Rocchi** Melody A. Schreiber* Dahlia M. Shaewitz**

Erin J. Slater** Mark Keith Solheim** Justyna Maria Surowiec M. Jane Taylor Emily Louise Turner* Mindy L. Watson** Karolina V. Gajdeczka Wilk** Erin Elizabeth Williams**

Masters of Liberal Arts

John David Bartles William Curtis Chaloner* Kelly E. Crowley* Joshua Tripp Ellsworth* Tara Flannery Gallagher Lindsey Branch Gordon John M. Holmes Hayley L. Howe Nicole Pria Kazi Saniya Sohail Khawaja Mary Josephine Laurenzano Donald Paul Mains* Andrew George Mearns* Kristi L. Metzger Kristen L. Mewshaw Cynthia Lakisha Miller* Etienne Nadeau** Wendy June Pichardo* Greaton Edward Sellers* Kristin Lynne Shipp **Charles Anthony Surface** Lisa Michelle Urben Kara N. Wright**

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

Masters of Science in Biotechnology/Masters of Business Administration

Vanessa T. Johnson-Peltier** Reva Lee Stidd**

Master of Arts in Communication/Master of Business Administration

Lauren Elizabeth Alexanderson

Masters of Arts in Government/Masters of Business Administration

Abigail D. Cable** Matthew Alan Glick

THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

Certificates in National Security Studies

Christopher John Beveridge Sharon Pamela Gill** Hope Elizabeth McIntyre* Erica Jean Meyer** Jen Pearce** Michael Lawrence Reeves Jr.* Erin Margaret Sweeney**

Certificates in Biotechnology Enterprise

Jose A. Chavez** Valeria Sena Weltin**

Graduate Certificates in Geographic Information Systems

Krysten Rae Beard Nancy Morris Hartley** Mark C. Mottola John Kurt Murray Jr.** Anthony Panella

Post-Baccalaureate Certificates in Digital Curation

Joanna Morning Star McCloud** Julia Estelle Silver**

Post-Baccalaureate Certificates in Non-Profit Management

Greg Scott Bowden* Davide K. Capecchi* Amy Elizabeth Kelly Jennifer Cushman Kelly Megan Elizabeth Mcadams* Janet P. Wong* Jada Wright-Greene*

Post-Baccalaureate Certificates, Premedical Program

Jordan Lee Coleman Danielle Kelly Devlin* Noah Zachary Feit Kimberly Fiscella Elizabeth Fitzsousa Timothy Edward Gressett* Fangning Gu Emily Jeanne Gup Michael Steven Harper* Paul William Horak* Sarah Mary Jabour Simeon Gerard Kawakami Kathleen Langford Kelly Annika Marie Koppen* Lane Rush Lerner Jaclyn Theresa Mauch Maggie Ann McGing* Scott James Pfirrman Katherine Courtney Prochownik Savina Reid Eleanor M. Schmidt Maera Jean Stratton Jennifer Lee Wineke Mary Elizabeth Wootan

Post Baccalaureate Certificates in Government Analytics

Brandon Clinton Aitchison** Joseph Surcy Reed*

Post-Baccalaureate Certificates in Intelligence

Anna Acre Alejandro Cruz** Justine Elizabeth Martin Liana Marie Saldana** Alexandre John Sayada

THE CAREY BUSINESS SCHOOL

Bachelors of Science

Hongyi Chen, Business* Homayon Ghassemi, Business* Crystal Gramates, Information Systems Alexander Eugene Kahan, Business Eric Lomax, Business and Management* Frankeric Ngassam Djanko, Business**

Bachelors of Business Administration

Wai Ching Chan Jiali Chen Qianye Cheng Yunhoe Cheong Sarah Christine Danner Joseph Michael D'Antuono Jiawei Dong Qinyi Gao Woobeom Jeong Xiang Ji Ke Jin Airi Kato Dong Uk Kim Juhyung Johnny Lee Jin Li Liuzhi Lu Karina Takoui Oganyan Tomas Solari Yrigoyen Juniko Widjaja Xiaoting Wu Yao Xiao Fangyuan Xie Ming Yan Yiyun Yang Sungwook Youn Muduo Zhang Yao Zheng

THE SCHOOL OF EDUCATION

Bachelors of Science

Byron J. Conaway, Organizational Leadership*

THE PEABODY CONSERVATORY

Bachelors of Music

John B. An, Voice Rongmei An, Piano Emily Louise Barone, Flute and Music Education Mary Patricia Burke, Voice Karl Frederick Buttermann, Voice Rachel Marie Celentano, Bassoon and Music Education Thomas Morgan Clippinger, Guitar John William Craddock, Horn **Roderick Carlton Demmings** Jr., Organ Xinqi Dong, Bassoon Congchang Dou, Violin Nicolaus Taylor Dulworth, Composition Francesca Lucia D'Uva, Computer Music Composition Amir Hoshang Farsi, Flute Ledah M. Finck, Violin Moni Guo, Composition and Piano Alexander Hardan, Violin Jared Benoit Harrison, Flute Christian I. Hizon, Bass Trombone Marilyn Iparraguirre, Tuba So Young Jang, Violoncello Shayna Cantrell Jones, Voice Hojung Jung, Double Bass Jisu Jung, Percussion Constance Lin Kaita, Piano Cameron S. Kalemkarian, Trumpet Jennifer Kim, Viola and Music Education Jihee Josephine Kim, Double Bass Kelly Kim, Music Education and Piano Minzo Kim, Violoncello Jessica M. Korotkin, Violoncello Andrew T. Landau, Saxophone and Recording Arts and Sciences

Jared Livingston Laws, Music Education and Oboe Junghwa Lee, Piano YoungKyoung Ivy Lee, Percussion Hyun Ji Lim, Violin Young Jun Lim, Guitar Abhinn Malhotra, Euphonium Sarah Anne Manley, Trombone Leonard Maxey, Jazz Trumpet Eric Christopher Phillips Owen Meier, Guitar Ari Messenger, Jazz Violin Sean Alexander Meyers, Music Education and Saxophone Peter Dennis Guy Morey, Oboe Chong Yoon Noh, Voice Charles Henry Oehler, Bass Trombone and Music Education Tyrone Jermaine Page Jr., Music Education and Saxophone Sooyeon Park, Violin Daniel B. Raney, Percussion Alexander Henry Roehl, Clarinet Kelsey Ross, Horn James T. Sheline, Voice Jaquain Timothy Blake Sloan, Bassoon Ian Thomas Striedter, Trombone Melody Augustina Swen, Harp Rieko Tsuchida, Piano Brett Adam Weisenborn, **Recording Arts and Sciences** Beverly C. Wu, Violin Elliot J. Yang, Violoncello

THE SCHOOL OF NURSING

Bachelors of Science December 30, 2015

Güney Acipayamli Olayinka M. Ajomabgberin Stephanie Lynn Al-Adhami Mayer Brownlee Andersen Clarissa Marie Andorfer-Lopez Jaclyn Paige Anspach Elizabeth Routheau Arnold

BACCALAUREATE DEGREES

Basia Marie Atkinson-Barr Katie Anne Baker Natalia Barolin Kelly Amber Bell Dawn Darcel Bellinger Zachary Michael Bensley Breevahn Marron Berkuti Blair M. Bloomquist Krista Lynn Brooks Erin Michele Brown Jeremy Alan Brown Sarah Jane Brown Elena W. Butler Julianna Marie Cantu Adrianna Elizabeth Cascante Laura Ann Casey Vicki Pei Cheng Olivia Franklin Clement Joshua Lee Clemmer Emma Morgan Cobb Kaci Lyn Corrigan **Robin Elkins Currens** Nicholas Welch Dahlen Jill Noel Daniels Jared B. Davis Caitlin Rose Desautels Elizabeth Lauren Doyle Kathryn A. Epps Melissa Ashley Evans Gina E. Ferrari Amanda Foote Evan Patrick Ford Julia Davenport Forrester Jessica Marie Fox Madeline Reed Furst Joanna Louise Gaertner **Taylor Alexis Gattis** Chelsea Ann Gill Alexandra Nicole Givan Claire Louise Goodman Adelle Liana Grant-McAuley Mary Elizabeth Green Shoshana Miriam Gruber Jennifer Han Molly Elizabeth Hartman-O'Connell Christine Anne Hogan Elizabeth Anne Holmes Courtney Reiko Hsieh Ruth Elise Hudson Alison Marie Husted

Hazuki Jessica Inoue Pavithra Jaisankar Hanna Dubansky Jaquith Ashley Paige Jones **Brandy Marie Jones** Iasmine Aiko Kaneshiro Alexandra Marie Keidel Laura Rebecca Kilmon Sejung Kim Taylor Akiko Kitayama Kathryn Elizabeth Kleinjan Elizabeth Anne Kowalski Laurel Rebecca Krueger Tracy Okee Kwon Lindsay Marie Kwong Brittany Lynn Lapham Megan Allison Lawless Chloe R. L. Lawyer Janel Tsz Chun Lee Susanna Maria Lester Devon Ann Ligo William Henry Linkroum Jillian McCully Liwacz Joshua D. Logan Alessandra Inez Lopez Kristin Anne Lyman Danielle Rae Mallon Julia Ann Martorana Laura Min McDonald Jessica Laura McGreehan Anne M. McLaughlin Rebecca Marie McManus Amelia Jan Meloeny Fernando Rafael Mena-Carrasco Ashley Elizabeth Miller Steven Richard Miller Ji-hvun Moon Jose Alexander Morales-Blanco Dara Sydney Moss Sarah Eliot Mullen Anna Elizabeth Noguchi Chiara Elizabeth Olivi Stephanie Elisa Olmanni Beatrice Oyinlola Olorunnaiye Sarah L. Paik Gloria Young Pak Ariel Sharon Palter Violeta Michel Pantaleon Trevor Robert Pascoe

Martha Plack Amanda Marie Pollard Katherine Grace Potter Nithya S. Prabhala Anna Marisa Rappaport Katrin Isabel Relman Ellen Irene Renfroe Conway Mathew Robinson Deirdre Ann Rogers Kirsten Marie Ross Elizabeth Anna Roughead Lillian Deering Rubenstein Hannah Isabel Salter Bianca Marie Salvaggio Chelsea Marissa Samms Umamaheswari Sankararaman Laura Catherine Sarver Elle Larson Schiff Margaret Frazar Schultz Kate Shantar Rachel Cecilia Shapiro Alexandra Marie Sheridan Ariane Rae Shrenker Margot Elaine Sirinek Hope Graydon Smith Alison Brooke Smithwick Anna Elizabeth Snider Stephne Spenceley Angela Speranza Veronika Pauline Stare Deborah Stone Sarah Jane Stubblefield Alexandra Lynn Sussman Ryan Thomas Swartz Min Yi Tan Hannah Lucile Tepsa MayaJoy Marcela Vizina Thode Claire Marie Tindula Shirley The Trieu Marissa Isadora Uriarte Phoebe Ackart Uricchio Dolly Hanh Phuc Vo Alyssa Marlynn Weinstein Caitlin Elizabeth Wheeler Eliza Roy Wiggin Willard Wilson Will III Golda Alexa Winston Alexandra Yamin Wodka Ann Patricia Worth

David Thomas Wynne Mixue Xie Yoshie Yamamoto Rita Emily Yau Kitty Rose Yun Jake Alan Zavertnik Jenna Elizabeth Zehler Meredith Ilana Zoltick

Bachelors of Science July 22, 2016

Florence Kissiwaa Adjei Lara Akinleye **Emily Rose Balbier** Melissa Bartholomew Madeleine Belizaire Alexandra Bergman Thomas Fitzpatrick Betts Shailah M. Bevan Casi Jo Blakey Suzanne Joyce Block Jennifer Susan Bonilla Erin Theresa Boyle Holly Catherine Bracher Kimberly Ann Bronson Kristen Brotherson Kelly Elizabeth Brown Kelly Cagle Lejhern Chree Carr Deborah Carol Casanova Leah Steinmetz Corr Natalie Mayfair Davis Devon Ann Donohue Ante Drazina Brian E. Dupee Brenna Dorothy Durkin Katherine M. Dwyer Katherine Hynes Fee Katharine Pryor Fellows Susan Yasobha Fernando Mirandy Brittany Kanada Forde Dominesse Sepe Gajudo Clare Taylor Gamble Susanna Elisabeth Gieske Melissa Christine Green Deanne Elena Griffin Ashlev Kendrick Gver **Emily Ann Hangey** Sasha A. Harracksingh Daniel Hassler

Elizabeth Hedrick Sarah Marie Hefner Elaina May Heiple Crystal Dawn Hickson Meghan Elise Hiscock Danielle Nicole Houchins Alexandra Kaley Hrynda Katherine Elizabeth Hunt Thomas Creighton Jones Rabina Joshi Sarabeth Kelly Ye Jin Kim Taylor Nicole King Christine Alyssa Kirkwood Kate Kozeniewski Christina T. Lai Adria Elliott Lee Caroline Kin-Yee Lee Kristen Marie LeRoy Ashley Nicole Lippert Brandon R. Lucas Kelsi Lynn Ludwigsen Melissa Andrea Machacek Augusta Galfand Soehngen MacQueen Genevieve Mae Mallen Demetrius Ducey Marcoulides Brittany Rae Martin Maude Theo Matthai Asenath Angum Mba Jared William McIlvene Dana Elizabeth Meith Julia Jean Melamed Caroline Amanda Merz Michael John Michalczyk Ellie Mirzabagi Alyssa Christina Monda Jennifer L. Montgomery Alycia Lee Moore Caroline Evans Myers Tram Thuy Nguyen Y-nhi T. Nguyen Lorrie Ann Novak Jacob Elliott Oates Allison Ann Oler Michelle Eckstein Osterman Andrea Perri Andrew David Perry Madeline Marie Petee Erin Elizabeth Petersson Anneliese Maria Pozzi

Julia Patricia Puzak Christopher D. Raleigh Jeanette Nicole Rankin Lauren E. Ready Brittany Nicole Reynolds Shiza Zafar Riazuddin Mayra Romero Brittany Anne Ryan Laura M. Saha Katelin Denise Santhin Jennalee Elizabeth Schuler Anna Nicole Scott Jacob Robert Shermer Zhenzhen Song Colleen Anne Stehlin Courtney Robinson Stewart Eva Maria Sweeney Claire Marie Tiffany Kelsey Maureen Till Keanna Rae Voso Chantel Javette Walker Amanda Michelle Weaver Taylor Ann Wells Margaret Catherine West Meredith Nicole West Samantha Dawn Whicker Katharine Pauline Wignall James Patrick Wiles Leanne Christine Woehleke Katherine Marie Wolfgang Ceili Rose Wonilowicz Abigail Susan Wood Rebecca Lauren Yaffe April Sunjoo Yoo Janine Terese York Kyle Zahradka

WHITING SCHOOL OF ENGINEERING

Bachelors of Science in Applied Mathematics and Statistics

Evan M. Adamo also Economics Geneva Doris Augustin** Jie Bao also History John Corcoran Burns also Economics Joonha Chang* Eugene Taehyun Cho also Economics* Logan Garrett Dorman Seyong Jeong Michael Anthony S.S.M. Kelly also Physics Yeon Woo Kim also Psychology Jae Won Lee also Computer Science** Edward Lim** Ziyi Liu also Economics Shaun William McCarthy* Caitlin McDonald also **Economics** Quinn Orion Flynn McFee Tokio Nakamoto Nicolas Pooran Latorre William Evan Prickett also **Economics** Katherine Eliza Thorson Ross also Psychology Leon D. Santhakumar Avery Branden Saxe Benjamin Howard Shapiro Jerry Scott Sheehan Nathan Lewis Smith also **Economics** Sasha Jade Stevenson also Spanish Daniel Takash also Political Science Avinash Kevin Tamby Matthijs Antoin Taselaar Antonella Gloria Tellez** Kyra Anne Toomre Thomas Neelamkavil Varghese Seth Eric Weisberg also **Economics** Addison Baldwin Wright Yixiao Wu** Stella Yeoum Yiguang Zhang *also* Mathematics and Computer Science Dayu Zhong *also Economics* Mengqiu Zhu also Economics Andrew John Zigmont also **Economics** Lin (Linda) Zuo also Public Health Studies

Bachelors of Science in Biomedical Engineering

Mosisa Abagaro Bijan Masood Abar Daniel Alexander Adler also Applied Mathematics and Statistics Mutasem Al Dmour Ashish Aman Portia Xie Anderson Garren Arek Angacian Zaid Khalid Ashai Monique Elizabeth Bailey Thomas Clifford Brunoski Bernstein Amanda L. Bertsch Nicholas Israel Stephenson Blair* Erin Valentine Boulger Rowan Patrick Cade Lvdia Marie Carroll Thomas Michael Catullo Alan K. Cham Vikram Chandrashekhar Karthik Chellamuthu Conan Chen** Patricia Mo Chen Ka Ho Nicholas Cheung Michael R. Chickering Michelle Chyn Michael Goubeaux Clark Christopher Barry Coughlan Zheng Ding** Joon Hyuck Eoh Yunfan Fan also Electrical Engineering Jerry Y. Fang Benjamin Bloch Finard Michael Grant Fitts** Gabriela Frid Phanindra Gaddipati Ravindra Gaddipati Geoffrey Keh Gao Kevin George also Applied Mathematics and Statistics Brian Y. Gu** Lucy Yiou Han Phillip Alexander Harding Angelica Janina Herrera Han Huang Howard Wang Huang Alwin Hamsun Hui

Christopher L. Hunt Stephen Johannes Johannesson Nigel B. Joseph Jack Seung-Yun Jung Yechan Kang Chachrit Khunsriraksakul also Applied Mathematics and **Statistics** Barbara Hye-jung Kim Dohee Kim** Hansin Kim** Kangsan Kim also Applied Mathematics and Statistics Grant Benjamin Kitchen Ivan Andreevich Kuznetsov also Applied Mathematics and **Statistics** Pranav Lakshminarayanan** Inez Tsz Wa Lam Seung Wook Lee Jeffery Kai Li Hong Seo Lim also Applied Mathematics and Statistics Melissa Wanwei Lin also *Computer Engineering* Ran Liu Fong Shun Lo also Applied Mathematics and Statistics Polly Charlene Ma** Brooke Michele Mahoski Rohil Malpani Jordan Aaron Mandel also Applied Mathematics and Statistics* Annie Mengjia Mao Megan Elise McDonald Michael Edward McGoldrick Emily Jane McNally Joseph Kyungjune Min also Computer Science Taariq Khalil Mohammed** Agastya Mondal also Applied Mathematics and Statistics Kevin B. Moon Molly Kate Moore Katharine Bast Moosic Michael Yung Kuang Mow** Thomas Thien Duc Nguyen also Applied Mathematics and **Statistics** Schaffer Lee Ochstein

Nicole Jennifer Ortega Arianne Elizabeth Papa Priya Shiranee Parameswaran Kunal Paresh Patel Nisu Patel BaDoi Nguyen Phan Emily Mae Rencsok also Applied Mathematics and Statistics Neil Everett Rens Monica Sherrard Rex also Spanish Michael Franklin Scarlett also Applied Mathematics and Statistics* Brennan Michael Schneider Daniel J. Shinn Samuel Nicholas Sklar Joanne Song Antonio Edward Spina Emily Yuharn Su also Applied Mathematics and Statistics Amy Tong Sun *also Engineering* Mechanics Edric Tam *also Neuroscience* and Applied Mathematics and **Statistics** Darius Robert Tolbert Nicholas Alexander Uebele Esteban Urias Amber Marie Velasco Travis Robert Wallace Matthew Ryan Walmer Doran Douglas Walsten Ryan Michael Walter Huilei Wang Kaiyuan Wang Willis R. Wang David Regis West Benjamin David Wheeler Kaitlyn Nicole Whyte Yuan Hao Wong Daniel Alexander Worstell Tony Tsung Lin Wu Kevin Z. Xin** Yu Xu Jennifer Yang Christine Yu **Rachel Marie Yung** Jennifer J. Zheng also Applied Mathematics and Statistics Jesse Zheng

Bachelors of Science in Chemical and Biomolecular Engineering

Christopher Anthony Argento Namrata Batra Matthew William Billups Autumn Renee Cadogan** Nathan Calzadilla** Andreas C. Chai Tiffani Celeste Chance Kevin Chen Jackie Choi Ariana Milagros Cruz Garrett Arthur Davidson** Kayla E. Dickerman Josh William DiGiacomo also Molecular and Cellular Biology Odysseas Drosos David Elan Feldman Derek Martignetti Fischer Luis Francisco Garcia Siswo Hartoyo Tyler Dean Jorgenson** Andrea A. Joseph Julia Amy Ju Tyler Aaron Kasl Nicholas Scott Kruyer Victoria E.A. Laney Amina Lazrak Winston Lee Jiuru Li Yi Wai Li Bill Ling Candace Chen Hwan Liu** Carolina Isabel Lugo-Fagundo Paige Noelle Marsh Max Dylan Matsuda Hirata** Kevin Stephen McFarland Robert James McLarnon also Philosophy Carlos Rene Mendez Seung Hyun Oh** Eric Tu Ong Sidhartha Parhi Hee Won Park** Patrick Amadeus Pena Paige E. Persky **Clark Robert Pierce** Lindsay Janet Portelli**

Alexander Postnikov

Arya M. Reddy *also Applied Mathematics and Statistics* Seth Ronald Reinhart Paul Jacob Roberts Michael Neal Saunders Kelly Elaina Seeger Adam Bradford Suppes Hudson Hey Van Slooten Shiyu Xia** Zixian Xun I Chae Ye

Bachelors of Science in Civil Engineering

Keegan William Anderson Dardan Borovci Kenneth A. DeStefano Matan Jonothan Grossmann Austin Lee Maximilian Davis Marshall Gwen Martin Alexandra Maria Picano Vittorio Romano Prati Cricket Kingsland Slattery Mark Strapko Dylan Francisco Syjuco Tantuico Joseph Andrew Trumbetti Joshua Richard Weirich Zachary Marlin White Trevor Andrew Williams Samantha Lynn Wright

Bachelors of Science in Computer Engineering

Jason Scott Albalah Matthew Joseph Beutler also Electrical Engineering Elliott David Binder James Radford Charles Andrew Allston Dykman also Electrical Engineering Adebayo Ayoola Eisape Ruchi J. Gondalia Zeyu Hao Tai-Ting Hsieh also Computer Science Michael Taylor Lombardo **Clayton George Minicus** David Barker Russell Sachi Sanghavi

Sayge Catherine Schell Xiaoyang Shen *also Applied Mathematics and Statistics* Tyler James TerBush Rose Clara Wall *also Electrical Engineering* Sarah Ichigo Watanabe

Bachelors of Science in Computer Science

John Byoungku An Steven Robert Austin Katherine Anne Bolling** Patrick Vincenzo Castaldi Carla P. Castro Katie Yun Chang** Diana Wenjing Chen** Stephanie Bichhong Chew Cameron H. Davis Naomi Helen Ephraim also Mathematics Sean Kevin Erfurt Jacquelyn Marie Haughey also Cognitive Science Mason Zachary Hemmel* Craig Edward Hennessy** Brian Ho** Jiawei Huang also Applied Mathematics and Statistics Chang Bum Kim Sihao Lu Randy Ruijun Ma Vishwesh Nikhil Majithia Neil Rohit Mallinar also **Mathematics** Charles Edward McGeorge** Blaine Alexander Muri Cameron James O'Leary also Economics** Zachary Owen Paine Sabin Nikhil Panu Philip Steven Piantone also Physics Stefan Lee Reichenstein Edward Reed Schembor Michael Thomas Shavit Nikita Singh Venus Soontornprueksa Michael David Stewart Kirk Dorian Trombley also Applied Mathematics and **Statistics** Jizhou Xu also Economics

Linda Xu Mary Mei-kwang Yen Joshua You Mozhi Zhang also Applied Mathematics and Statistics William Levi Zvagelsky

Bachelors of Science in Electrical Engineering

Taylor Edward Birdsall also Computer Engineering Yexin Cao also Applied Mathematics and Statistics Han-Wen Chen also Computer Engineering* Rosalind Abra Dempsey Phillip Alejandro Espinoza also German and Computer Engineering Justin Scott Gilston also Computer Engineering Gabriel Howard Giraldo-Wingler also Computer Science Craig Bryan Heller Hyeryung Hong David Benjamin Hudak Jason Jin Ibukun-Oluwa Segun Kemiki Christopher Michael Kulawik also Computer Engineering Hansong Li also Computer Engineering and Applied Mathematics and Statistics Brian Medrano Zacharias Papazachariou Ruta B. Patel also Applied Mathematics and Statistics Michael Sebastian Patti also Computer Engineering Cara Jane Russell Leela Subramaniam Peter Lyle Tanaka** Benjamin B. Walsh Kevin Mark Yee also Computer Engineering Max Edward Yelsky Corbyn Courtney Yhap Zhuo Zhang also Physics

Bachelors of Science in

Engineering Mechanics

Luke Nathaniel Brown also Applied Mathematics and Statistics Alexander Huntington Griffith also Mathematics Edward Whitworth Samson*

Bachelors of Science in Environmental Engineering

Thomas Ying-jeh Chen Komal Sweta Desai Manelle Hanine Dridi-Abu Gharbieh Michelle Marie Farhat Meredith Leigh Lipp Xier Lu Carrie H C Mok Eric Andrew Morgan Adriana Lizette O'Neil Sang Woo Park Dillon Joseph Ponzo James Conrad Pritchard Yong Kai Saw Mengli Shi also Public Health Studies Celine Dana Sze Mary Catherine Susan Wallace Dean Yacar

Bachelors of Science in Materials Science and Engineering

Alexander George Ananiadis Andrew Charles Beamesderfer Andrew Joseph Brenner also Chemistry Gehn D. Ferguson Andrew Jia-kan Han Gwendolyn Ann Hoffmann Margot Lin Hultz Evan James Krumheuer Kalina Jane Martinova Arman Mohsen Nia Gabrielle Marie Nyirjesy Zachery Dominic Olah Jeanette Karen Ortega Nathan C. Palmquist Henry Manuel Sanchez Travis Anthony Schmauss Yitzhak David Snow

Brittany Chen-Jin Tsou Mark Bennett Wo Kimberly Sinan Xiang Carolyn A. Zin

Bachelors of Science in Mechanical Engineering

Sydrake Solomon Abdi Madeleine Alexa Abelson Rohan Agarwal Glenn Hunter Balbus Rami Nabih Bedewi Carlos Benavides Ir. Byron Clarence Benjamin Michelle Melissa Camacho Kyle Vincent Candela Fernando Jose Concepcion Devin Alexander Conley Jacob D. Dooling** Kiana Nicole Duncan Colin Andrew Egan Niki Taylor Entin Katharina Theiler Ertman Colin Daniel Friedman Nicholas Garcia David Jonathan Gorman **Rachael Avonne Guess** Joshua Caleb Harris Rachel Ann Hegeman *also* Applied Mathematics and **Statistics** Joseph Thomas Hirsch Devin C. Holladay Trevor Gerhard Holmgren Gideon Lee Hou Ryan Connell Howarth Michael Frederick Howland Minjea Jo Kyle Candido Johnson Kanav Kathuria* Dmitriy Olegovich Kats also Applied Mathematics and Statistics Alexander William Kearns Benjamin David Keyser Kyle Andrew Kirwan Katelyn Carolann Koons Edward Paul Kunkel Alexander David Lambert David Elliot Levi Samantha Marie Lott

Oritsetimeyin Anene Moju Luke David Moloznik Theophilus E. Moss Christopher Richard John Naco Keith Nicholas Pallo Adrian Spector Pearl Patrick William Reilly Jacqueline Elizabeth Roche Simon Rojas Michael Daniel Scarlato Alexander Philip Schlink Patrick Joseph Tilson Rachel Jan Tsao Valeria T. Vasconcellos Jared A. Wang

Bachelors of Arts in General Engineering

John Leung Jr.** Jessica Kristen Peyton Alexander John Tzomides

Bachelors of Arts in Applied Mathematics and Statistics

Geoffrey Sebastian Allard *also Economics*** Eric Gregory Buck** Christian James Catsavis Andrew Zachary Das *also Economics*** Sidney Hill Kanell** Sarah Avery Manzone** Ariel Gantz Zahler

Bachelors of Arts in Computer Science

Monica Majumder Adam Zachary Poliak Angela Maria Roller *also Public Health Studies* ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

Bachelors of Science in Molecular and Cellular Biology

Tael Agudelo Ikechukwu Amakiri** Jonathan Ascencio Run Banlengchit also Psychology** Henri Arthur Berger Eric C. Berlinghoff** Elizabeth Anne Boyer Melanie Yoko Brown Sean Vincent Brown** Ellen Marie Bruner** Gabriela Isabel Cabello James Joseph Cameron Kevin Chun Luk Chang also Classics Ivan Chen* Briana Suzanne Coleman Randy Cruz Tanner Cole-Wintringham Dalton Andrew Raphael D'Avino Stephanie Taylor Enns Oren Amitai Seidlin Fishman Emily Rose Forster also Applied Mathematics and **Statistics** Cecilia Grace Alexandria Freeman also Spanish Jacqueline Leigh Gomberg** Maria Carlota Gorosabel Herta Sarah Granado Chavlene Marie Kaleonahenahe O'kamalei Guinto* Robin Margaret Heider Emily Ann Hendrickson Haley Nicole Hochstein also Psychology Naftali Rafael Horwitz Russell Aaron Hughes** Nicolletta Maria Kakaris also Chemistry Johan Donial Kamyab Minhi Nancy Kang Alexandra Dolores Kappaz** Courtney Olivia Kelly**

Nikole Marie Kerns also Spanish Louis Patrick Kester also Spanish Isaac Younghoon Kim Taylore Anna King** Nathan L. Law Katherine Doan Le** Nathan Daniel Lee also Applied Mathematics and **Statistics** Melanie Elizabeth Levine Brian Dennis Lo Amanda Marie Lourenco Tiangi Luo** Florence Luyao Ma Hannah Rose McNeley Raidizon Hendris Mercedes-Mercedes also Neuroscience Lauren Nicole Meyer Matthew Kenji Miyamoto Nikhil Shashank Modak Natalie Anne Murphy Peter Svetlozarov Natov Ieffrev Nelson Christopher K. Ng Maisa Nimer also Public Health Studies Emily Margaret Nordquist Joshua Leon Novack Bridget Y. Nucum** Eduardo Ochoa Young Rok Park Brandon Rafael Perez Alexander Thien-Dan Phan Maria Laura Reategui also Romance Languages Allyson Marie Roberts also East Asian Studies Uriel J. Sanchez Jacob McCoy Schick Alexander Cenciarelli Schulick also Spanish Rahul Kamal Sharma James Lewis Shepherdson Haziq F. Siddiqi Momodou Lamin Sonko Emmanuel Soto* **Edrick Sulistio** Takamichi Luke Suzuki Arjun Prakash Tambe Jarrett Ian Taylor

Hui Yi Tee Emily Kathleen Toler James Valderrama Francisco Villa Jr. *also Spanish* Matthew Guo-Hua Wen Preston Brooks White Alex Young Xiao *also Neuroscience* Michael Xu Qingcong Zeng Huaitao Zhang Qinze Arthur Zhang

Bachelors of Science in Neuroscience

Sonya Arisa Abadali Benjamin Daniel Adler** Reina Arakawa** Michael Ayad Iulied Fernanda Bautista also French Eugene Berezovski Jordan Mary Berger Chinar Berry Justin David Helinski Brilliant** Jessica Aegin Chung Huston Levi Rush Collins Austin Evanne Coye Aidan Ronald Crank Khadijah Alana Rashondra Crawford Phillip Sharma Croce** Jay Carroll Daniels Savanna Dasgupta** Giana Dawod Emilie Angèle Decoppet Marysol Encarnacion Ashley Elizabeth Foreman Catherine Gong** William Taylor Gravley Elena Janet Gresick Madison Wisconsin Guevara Madeline Lisa Halpern also Spanish Yonis Jabril Hassan Elissa Shanshan Heh also Behavioral Biology Joshua Martin Holstein Wakako Horiuchi Albert Huang Nicole Huang

Shi Huang Delcora Marie Huggins also Molecular and Cellular Biology Joseph Huntley also Psychology Christopher Gabriel Hurtado Christopher Jou** Alisha Rowena Juman George Ramzi Kammar Marlene Flora Kanmogne** Savannah Lynn Karmen-Tuohy David Nam-woo Kim Hye Sung Kim** Jungho Kim Sangri Kim** Joan Y. Koh also Applied Mathematics and Statistics Aarthi Kuppannan Eleanor Rosamond Lasch also Sociology Ashley Jacquelyn Lau Rachel Ada Lee David Michael Mampre Ely Lev Manstein Jordan Kyle Matelsky Brent Charles Mayfield** Christina Kaitlin McGrath John Joseph McNulty V Silvia Soledad Mora Christina Delia Morello Kanami Mori Ionathan Aaron Mui** Tin Yee Natasha Ng** Tianhao Ou Afroditi Papantoni Jae Hong Park Carlene Parisa Partow Rajan Patel** Zachary Arthur Pennington** John A. Petrie IV Vidushi Abhay Purohit** Karly Ann Raber also Public Health Studies Anup Adithya Regunathan** Roey Dror Reiss Jasmine Samaiya Roberts also Psychology** Tomas Rojas Andrew William Russo Pamela Caryn Saavedra-Rivera

*Degree conferred August 21, 2015 **Degree conferred December 30, 2015 Jason Christopher Carlin Maria Sciamanna Christine Hana Server** Yi Shao** Leslie J. Sibener also Writing Seminars Preston Mark Stafford Elliot Jacob Miller Stryker* Juhwan J. Suh Mahima Sukumar Austin Jameson Sullins Claudia Nicole Mapua Tan Kaitlyn Elizabeth Tobin also Psychology Arushi Tripathy** Aditi Trivedi** Ines Varela Josiah Caleb Yiu Brenda L. Young** Shuran Zhang

Bachelors of Science in Physics

Manwei Chan also Mathematics Joseph Williams Cleary William Streit Cunningham Alexander de la Vega *also* Applied Mathematics and **Statistics** Vittorio Loprinzo also Applied Mathematics and Statistics Grace Evelvn Marie McClintock Nicholas Freeman Mehrle also Mathematics and Applied Mathematics and Statistics Bridget Lynn Ratcliffe also Applied Mathematics and **Statistics** Benjamin John Rosser also **Computer Science**

Bachelors of Arts Anthropology

Walter Rufus Arnold Grace Susannah Golden *also History of Art* Hannah Elizabeth Ingersoll *also Sociology* Kiera L'Oreal Rahnae Johnson Kevin Timur Rezzadeh** Christina Anne Schnabel Yelizaveta Slutskaya Lillian Xela Smith**

Archaeology

Ashley Nicole Fallon *also Near Eastern Studies* Matthew Jacob Lankiewicz Emily Copeland Rodgers *also East Asian Studies* Julia Catherine Wareham *also History*

Behavioral Biology

Elsheba K. Abraham also Italian Michelle Elizabeth Brown** Neil Richard Chapel Albert Chavesta also Psychology Elizabeth Chen also Public Health Studies** Mia Frances Dohrmann** Sebastian Slater Edwards Chaney Josephine Giordano also Writing Seminars Teal A. Harrison** Elisa L. Heacock Benjamin Jung Hwang* Maria Ilina Jasmine Mariah Jones JinHee Kim James Henry Koch Hannah Louttit Loonsk Hope Danni Lundberg** Ellen Fay Marcus Natalia Maria Medeiros** Shannon Elizabeth Parker also Psychology** Blake Christopher Range Thomas Jesse Reeves Hailey Beth Rosenthal Lance Daniel Shen-Kinny also Psychology Alycia Mae Skarzinski Nakura Akilah Stout also Psychology Erica Taicz Nina Yanagisawa** Victoria Zhao also Psychology** Karan Singh Zoria

Biology

Andrew Felix Bardales Andreina Victoria Colatosti Tyler Madison Gaines Jee Un Hong* **Christian Jimenez** Ohemaa Brakuah Kwakyi Katherine Wai Ying Lam Philip Mak Devon Alyssa Wardlaw Morgan Alejandro Ojeda** Osvaldo Palomares Kristen Marie Parisi** Leslie Denise Peralta Philippe Zach Rameau Diana Maria Velazquez Stephanie Yui Yokoyama Yuxi Zhang also Public Health Studies

Biophysics

Quenton R. Bubb** Siqi Chen Shawn Michael Costello** Alexander Justin Crits-Christoph Jacquelyn Lee Dillon Andrew Thomas Dizenzo Mina Farag also Mathematics** Jeffrey M. Granja also Chemistry* Noor Osama Khalil Matthew Yiqun Liu Pablo Xavier Palacios Kushan Bandara Ratnayake William Harrison Shuman Isabella Marie Palattao So Andrea Marianina Theodoru** Pei Xue** Helen Zhao also Philosophy Cyrus Zhou also Molecular and Cellular Biology**

Chemistry

Daniel Jie Cao *also Biology* Kathryn Graham Champ Priya Jayesh Dave *also Public Health Studies*** Melissa R. Dhanraj Samantha Ellen Halpern Theodore Tomi Jackson James Levi Knippel Ki Hyuck Lee Erin Catherine McDermott Surekha Uma Mullangi** Alexandra Marie Prado Toni Renae Ramsay Mark Lai Sowers

Classics

Jesica Arielle Dawson also German and History of Art** Margaret Blair Peters Marco Giovanni Petrozzino Eva Caroline Pratt also Archaeology Heidi Gail Bedford Taggart Sophia-pia Zombanakis

Cognitive Science

Belinda Patricia Adam also *Computer Science* Anthony Oddie Arnette Colson K. Campbell Sonal Chatter* Alexa Sebastiana Curto Cody J. Elias Diana Marie Fiorilli also Psychology Tatiana Nya Ford Yara Mohammed Gorashi Kristina Lara Grubb William Joseph Harrison Chloe Danielle Haviland Samhita Medha Ilango also Anthropology Dean Kang Catharine Kelsh Keim Erin Kathleen O'Donnell Cara Ogochukwu Orji* Julie Danielle Paone Brynn Harris Parsons also Psychology Patric Joseph Perez also Psychology Anuja Bharat Shah Kelly Patricia Sharer also Psychology Alexandra Leigh Surget

*Degree conferred August 21, 2015 **Degree conferred December 30, 2015

BACCALAUREATE DEGREES -

Paula Sophie Swiercz Elliot Paul Troutner Andrew Carroll Vargas-Delman *also Spanish*** Benjamin Robert Wang Kelsey Anne Whalen *also Psychology* Ji Hyun Yang *also Psychology*

Earth and Planetary Sciences

Tucker Bevin Gordon Morgan Lee McCarthy

East Asian Studies

Joshua Samuel Abady Kathryn Joyce Botto also International Studies and Sociology* Alex Robert Chambers also International Studies Daniel Oliver Guaba Luke Harrison Hutkin Kara Devin McDonough** Matthew Gregory Moores Charlotte Gabrielle Pomp

Economics

David Aaron Ackerman Madison Martin Aldave Isabelle Anne Amaro Austin James Bandoian Olga Alexandrovna Baranoff George Nickolas Bouloubassis Carter Willis Burns Andrew Nicholas Carey** Kevin John Caskey Matthew Thomas Chiusano Kelly Samantha Chu Kaylie Michele Clemenza Ian Patrick Colrick also Public Health Studies Keith Patrick Corliss** Melissa Maria Delgado Vides also Psychology Austin Edward Dennis Nicholas G. Follet Langdon Cole Froomer Alexis Dawson Gaillard* Josephine Slayton George

Andrew Ghalili** Samuel M. Gordon John Harold Hardin** Ian Marshall Heinrich Michael Seijong Hong** Veronica Hilado Ignacio also Psychology Xiaofeng Jie also International Studies Charles Christian Kassis Connor Lucas Kenehan Derrick Christopher Kihembo Elliot Jonathan Kim Brian Lingyu Kong Nikolaos Antonios Kotoulas Prince Kudolo Elena Meredith Kuivila Man Yik Lau also International Studies** Gary Anthony Lawrence Young Seok Lee also International Studies Craig Timothy Madarasz Aoi Mariko Erica Frances Matz Sean Ashley McGrath Daniel Minicucci Simon Toby Mirman also Global Environmental Change and Sustainability Kyle Ryan Morgan** Edward John Morris Colin Francis O'Connor** Matthew Francis O'Keefe Christian William Ostrowski Kirsti Rose Paavola Jenny Jin Park also Public Health Studies Alexandra Sydney Popkin **Caroline Marie Powers** Neha Y. Prasad David Gerrity Rauber Tushar Rawal Connor Bernard Kamalu Reed **Remington Anne Ricciuti** William Cole Rider** Preetam Sagnik Sarkar also Applied Mathematics and Statistics** Michael Henry Schnell Brent Russell Schottenfeld

also Spanish

Ryan Matthew Schwartz Randall Lynes Seeger Raul Rajesh Shah Candice Shangguan Olivia Lilian Spector also Spanish Adrian S. Stelmach Wenjia Sun **Reiley Jones Syrek** Austin John Vasiliadis Yu Wang also Applied Mathematics and Statistics Mitchell Andrew Weaver Maxwell David Wilde Eugene George Williams Nicholas Colan Wisor Victoria Monica Yang Laurence Yu Kevin Chang Zhang Xiran Zhang** Lily Zhu also Psychology

English

Caitlin Patricia Callihan Hudson Jay Cole Daegan Jenae Hosler Bojana S. Kabranova also Psychology Jeong Yeon Lee also Africana Studies Carolyn McGuigan also **Political Science** Edan L. Morales also Writing Seminars Antonia Sophia Parsons Jenna Morgan Reifler Emily Marie Sexton also International Studies Jessica Terekhov Amanda Lynn Theodorou also Writing Seminars Calla Ann Winchell

Film and Media Studies

Adelaide P. Crabb* Jonathan Ramos Cole Ryan Spivak *also Economics* Anne-Marie Trang Dexter Lovelace Zimet

Global Environmental Change and Sustainability

Julia Elizabeth Adams Gloria Giselle Aldana Sari Adar Amiel also **Economics** Brett Richard Brodsky Rachel Elise Conklin Noah Price Erwin Havley Elizabeth Kallfelz also **Political Science** Kathleen Mary Kranzlin also Behavioral Biology Lisa Jean Lacampagne Sydney Mackenzie Lehman also Economics** Nicholas Andrew Mailloux Hannah Madeline Oneda Raphaelle Magali Ortiz Jason P. Plush Sarah Broderick Ragen also Earth and Planetary Sciences Nava Fiona Rastegar Jonathan Ryan Schlecht Olivia Rae Seideman *also* International Studies Gabrielle A. Stephens Noel Savage Swanson Sarah Elisabeth Trejo Peter Colden Wilke

History

Kaitlin Diaz A'Hearn also International Studies Stephan André Capriles also International Studies Dylan Shea Cowit Allison Elizabeth Cox Anna Ziporah Davis Cameron Low Donahue also Latin American Studies Alexander Dino Dragone also Writing Seminars Justin Choi Kwong* Yuncong Lai also Public Health Studies Michelle Yoshiko Mandeville John George McCormick Edmund Christopher Nowicki also Applied Mathematics and **Statistics**

Avi Posen also Political Science Tom Seikichi Roesser Ella M. Rogers-Fett Ross Wilkinson Terry also International Studies

History of Art

Taylor L. Alessio Silin Chen John Holt Durovsik Jacqueline M. Marin Jordan Leigh Scharf Beatriz Noemi Williams Nicole Haley Ziegler Brittany Alexandra Zwang also Economics

History of Science, Medicine, and Technology

Caroline Paige Tucker Ciara Levonia Williams

International Studies

Nadine Amjad Abdullat Nathanial George Alexander Ian Fitzhugh Anderson *also* Anthropology Mellora Ansbro Anne Kathleen Blackman Alexandra Louise Bohrer** Naomi Bouchard-Gordon also Sociology** Hannah Claire Bunkin also Anthropology Stephanie Andrea Cade-Ferreira also Latin American Studies and Sociology Eric Ha Chen also Applied Mathematics and Statistics Claire Li-Hwei Chun also *Economics* Jiwon Cynthia Chung also French Daniel Mattia Contaldo also Film and Media Studies Genevieve Arceneaux Crawford also Economics Elena Michele Ostrom Crowe also Sociology Abigail S. Delamater Adam Isaac Eckstein Mary Katherine Egan

Alexander Wilson Lee Grable Carly Michelle Greenspan also Anthropology Rebecca Marie Grenham also Sociology Ivana Gutierrez also Latin American Studies **Conor Joseph Hammonds** Evan Lewis Harary Guillermo A. Herrera Keely Ann Herring Brian Douglas Hershey** Chan Min Hong also East Asian Studies* Joshua Hong Julie Yuan Yuan Hu also East Asian Studies** Biola Olubunmi Ijadare Piper Jae Janoe also Political Science Julia Alden Johnson Kastle Cheers Jones So Ra Jung also Political Science** Jonathan J. Kim also Spanish Ye Eun Kim** Elizabeth Anne King also East Asian Studies Zoe Anne Kirshenberg *also* Latin American Studies Kenneth Young-Jae Kwon also East Asian Studies Stephen Merritt Langer Ross Edward Lazicky Alexandrea Emma Kane Lee also East Asian Studies and Sociology Jennifer Lee also Public Health Studies and Sociology Aileen Frances Leitner Lukas H. Lerner Melissa Carol Levy also East Asian Studies Sang Yeon Sean Lim** Julia Jean Maloof also Sociology Michael William Marcus also Political Science Lauren Marie Marrazzo also Writing Seminars Sally Su Minn also Sociology Nitin Rajendra Nainani also Political Science**

Ji Young Nam Jeremy Richard Nelson also **Economics** David Hyung-suk Oh also **Physics** Colin Sebastian Hedae Pak also Sociology* Hye Yeon Park also Sociology Sewoo John Park Catharine Amanda Paul also Spanish** Michelle Elizabeth Pike also Political Science Caroline Eaman Plapinger Deanna Lee Pope Aishwarya C. Raje also Spanish Julia Nadine Raphael Bryan Alfred Ricciardi also Latin American Studies and Spanish** Michelle Shamim Ritter also Economics and Political Science** Jennifer Michelle Roche Putt Rodchareon also **Economics** Dulce Karina Rodriguez also Latin American Studies and Political Science Maria Alejandra Santa Cruz also Sociology Megan Jameson Schaub also Economics Alexandra Lyn Schleider Anna Marie Schneider Carly Samantha Segal Daniel O. Shats also East Asian Studies Yoonghyun Shin** Sydney K. Short also Anthropology Louis S. Steinkuehler** Harriyson Yilun Suh Hannah Talmadge Silleck Duyen My Tat also Economics Natalie Elizabeth Vicas Eli Bard Wallach also Sociology Michael Yoni Weiss Kevin Blake Wells *also* Sociology Madison Philip Wilcox

Rachel Ruixin Xian also East Asian Studies and Political Science Elizabeth Soyoung Yang Hyun Jung Yoo also Political Science Tianrui Yu also Sociology Ryan Shau-Lone Zaybekian

Mathematics

Caleb Lucian Baechtold also Philosophy Miceile Denise Barrett Kenneth Tan Co also Applied Mathematics and Statistics Kiyon Hahm Stephen Dominic Harrop also Philosophy Demmi Cunningham Hersh James McGuire Hughes John Thomas Janezich Chang Kim Sarah Michaela Krasnik also Cognitive Science Junyi Li also Economics Ariel Lev Palley Scott Christopher Perlik also **Physics** Tiara-Amani Bria Swinson** Amirul Fitri Zainol Abidin

Natural Sciences Area

Alaina Mary Arthur Enva Del Rosario Baez-Ferreras* Brian Diaz Felicia Renee Dillard Bria Hamilton Sunu Kim Jeongho Lee* Ruben James Madrid* Jeana Lee Masters Gabriella Michaela Miller** Freddy Andres Montenegro Desty Muchiri Muturi** Roberto Carlos Ramirez also Latin American Studies Martiana Elizabeth Scott Katherine Jessica Whitaker also Philosophy Barbara Young Eun Yang**

Justin Yeh Sahil Arshad Zubair*

Near Eastern Studies

Gabriella Susan diBattista also Archaeology Haley Ann Jones Colleen Faye Livingstone also Philosophy Thomas G. Chen Nicole Chana Cornet** Cameron Joel Davis Philip Augustus Ingaglio Jessica Sophia Janneck Dongju S. Lee** Edwina L. Picon also Psychology Alex Francisco Urbina Favela

Physics

Sumer Dhir also Mathematics* Dario Eduardo Verta also Applied Mathematics and Statistics Brent Jeffrey Yelle also Mathematics

Political Science

Alexandra Elena Ballato Jack Ives Bartholet Erica Rachel Wiener Biegen **Ryan Patrick Brown** Hannah Jane Byrne Nicholas Matthew Carducci** Hope Brennan Dancy Alexandra Susan Eagan** Maysa Mahmoud Elsheikh also Anthropology Liam Jude Giblin Kyle Patrick Gillen** Thomas Joseph Gordon Andrew Ignatius Guernsey also Classics John Andrew Havworth Daniel Aaron Herzstein** Nicole Rafaela Huet-Tettke also Anthropology Andrew Patrick Kennedy** Christine Priya Kumar Travis M. Laska

Elizabeth Catherine Marley Rachel Meredith McCoy** Chelsea M. Olivera also History of Art Elena Gevaert Penati William George Ryan Saralla David Salehi also Mathematics Staley Louise Smith Wells Thomas Stanwick Jr.* Devin Jon Tucker Celena Michaela Wasserstrom Emily Katherine Weber also Archaeology Joseph Alan Weinstein-Avery Felix Andreas Karl Willfort Juliana Wittmann also Spanish** Carter Yeung*

Psychology

Nicole Elaine Abdo Clarissa Esmeralda Alfes Saman W. Baban also Natural Sciences Area Sabrina Kang Campbell also Africana Studies Kristen Leigh Cannon Allison Brooke Chaves** Hyun Young Cho Sunghwan Chough** Devany Dixon Diamond Liana Zhong DiCredico Danielle Dinstein also *Economics* Dilara Ertenu Christina M. Estremadoyro Julia Marie Felicione also Cognitive Science Ryan Noel Noche Fisico Susan Clare Futerman** Laura Katherine Grau also Writing Seminars** Iihoon Hahn** Raven Brittany Hammond Bahareh Jabbari also Anthropology Samantha Rose Jacobs Charlotte Austin Johnson Victor Ming Kang** Olivia Diane Kasten

Kyung Hwa Kim Jasmine Jamila Kingston Asya Latifoglu also Cognitive Science Connie Shuai Lin Eduardo Emilio Martinez-Amava Colin James McCarthy** Samantha Marie Mendoza Emelie Modalen* Ivar N. Ogden Sang A Park* Gabriel Alexander Perez Iose Luis Pulido Adithi Vasantha Rajagopalan also Writing Seminars Sage Lauren Reisner Gabrielle Alexandra Robinson Gabriela Sara Rothman Patrick Owen Sernyak Peter Franklin Siciliano Ha Young Song** Lee Foster Thompson Elizabeth Christine Tommasi Jasmine Jana Warmington Alvina Lokling Yau

Public Health Studies

Suleiman Manuel Gomes Abiola Curtis Jalen Antrum Arabiye Artola Megan Irene Auzenbergs** Sarah Elizabeth Benett Troyana Rachell Benjamin Isabella Star Berkey** Joshua Stephen Bernard Kavita Bhatnagar** Arlene Scott Bigirimana Dannielle Adelle Brown Elaine Michelle Carpenter Jimena Melissa Castellanos Aguirre Holden Anthony Hayes Cattoni Daniel Ricardo Chang Anam Habib Chaudhry Nirali Balvantrai Chauhan Brandon Allen Cherry Ransom Woo-jong Chin Jeremy Minwu Cho

Samantha Alexandra Chuisano Kathryn Evalyn Clark Andrew Michael Clayton Yadam Juan Conde John Mark Connelly Baxter Christian DeBruyn Maria Luisa Diaz Dene' Marie DiMartino Serena Anam Durrani Catie Lynn Edwards Marni Leah Miller Epstein Yarelix Estrada Samantha Lauren Fink** Kira M. Finkel Ryan Andrew Finkel Harrison Matthew Finkelstein** Gabriella Nancy Giannone Madelyn Bradley Goodman also Natural Sciences Area Samuel Charles Gottuso Suhan Guo Jill Mary Claude Hakim Clayton Bernard Hale Diamond Khadejah Hale Jennifer Lee Hansen Erik L. Henrikson Laurence Tang Hou** Emily Ann Hu Julia Hu** Asako Inagawa Stephanie Yu-Lin Irwin** Isha Ajay Kachwala** Sato Kakihara Suah Kang** Kidist M. Ketema** Yejee Whitney Kim Austin Ko** Noah Samuel Landesberg Eva Dolores Larson Robert Kyungmin Lee Sang Heon Lee Jonathan Zhong Liu Kylie Tora Basuki Liu also Anthropology and Italian Ting Liu *also Economics* Megan Noel Luber Leslie Heather MacManus Adam Daniel Marc Nawal Marfouk** Snehaa Maripudi**

Simon Arun Marshall-Shah also Cognitive Science Sophie Samantha Matons also Spanish** Scarlett Campbell McCracken Sidnei Alesa McCrea Christine Marie McEvoy Maryalice Elizabeth McKenna Marlon Emmanuel Medrano** Sophia Jean Meehan Miriam Michelle Million Evan Anneliese Mitchell also Spanish Nuha Fethi Muktar Emily Alexandra Muly Daulton Konnor Newman Elizabeth Marie Neylan William Drake Nunn Uduak Ekere Obot Nancy Akoth Ochieng Stephanie Cynthia Ogir Justin H. Oh Alberta Onyuka Grace Esohe Osagie Regina Anne Palatini Eric Pan Daniel Paredes also Latin American Studies Andrew Jun Park Oladunke E. Paseda Guillermo Ruben Pechero Jr. also Biology Rosie Jane Margaret Peck also **Economics** Anamaria Penagos** Alyssa Nicole Perozich Allison E. Perry Molly Elizabeth Pitegoff Benita Frances Pursch Summer R. Rak Biology Kathryn Anne Morita Rees Thomas John Renner Rebecca Hannah Rimsky** Katrina Caridad Rios Takyera Sade Robinson Yaritza I. Rodriguez Eleanor Sue Roper** Bryce X. Rowan Allison Sue Rubenstein also Writing Seminars Claire Beatriz Russell

Brianna Camille Saunders Cara Pauline Scharf Cara E. Schulte also Political Science Benjamin Alexander Schwartz also Economics Sirtaj Bir Singh Christine Ying Situ Alison Leigh Slemaker Madeleine Elizabeth Smith Justin P. Sutton Melody Augustina Swen McKenna Leigh Tierney Caroline Elisabeth Turco Juliana Hope Vigorito** Rachel N. Viqueira Benner Brady Currie Watts Ching Xie** Sarah Xu Isabella Marie Yozzi Xiange Zeng also East Asian Studies Yutong Zhou also Applied Mathematics and Statistics

Romance Languages

Sofia Leandro Arruda *also Psychology** Jeeyoon Chung Victoria Marie Copans**

Sociology

Lauren Nicole Abrahams also International Studies Ritchie Marindin Assini Andrew Anthony Beatley Jessica Kim Cohen Sally Hwang also Writing Seminars Olivia Louise Long Sakura Miyazaki also Cognitive Science** Na Yung Park also International Studies Emily Leah Schoenfeld

Spanish

Sarah Elizabeth Anne Curtis Jordan Frost Delane William Hogan Scola

Writing Seminars

Aubrey Anne Almanza Grace Elizabeth Alvino also English Henry Kanner Bernstein also Film and Media Studies Lauren Christine Blachowiak Frank Farrell Brancati also English Jesse Chen Leon J. Chen** Annie Minkyung Cho also Natural Sciences Area Audrey Abbott Cockrum Meaghan Elizabeth Coffey** Leslie Anne Cunningham Megan Elizabeth DiTrolio Caitlin Marie Dwyer Davis J. Einolf Brandon Farrell Epstein** Brandon Ian Fiksel** Timothy Carl Freborg Matthew A. Fusaro* Amelia Therese Gavurin Brian David Gilbert also Cognitive Science Elizabeth Marie Haibach also Psychology Glenn Matthew Hyams Xin Rebecca Jing also Psychology** Noah Jay Joachim* Arielle Helene Kaden** Constance Lin Kaita also English Skylar Huyen Kramer-Baldwin Si Yeon Lee Katherine Josephine Lewis Wei-Shi Lin also English Diana Clayton MacGuire Elizabeth Anne Mattson also English Nare Navasardyan Dael H. Norwitz Michelle Beth Pargament John James Paseur Keven Matthew Perez Casev Jo Peta also Italian Caitlin Jo Corso Plank also German Diamond Da'Shae Pollard also Psychology

Ruth Deborah Portes also Archaeology Utkarsh Singh Rajawat Katie Anne Robinson Zachary Stuart Schlosberg Sofia Lang Selig Kylie Bridget Sharkey also Anthropology Macaully Lynne Shields Sarah Ellen Stockman Aafia Syed** Elizabeth Marie Thorman Sylvester Laura Marie Walker Rebecca Jaime Weinberg Kaye Rosaline Weinstein Gabrielle Jasmine Whaley Sarah Jessica White Tessa Louise Wiseman also Political Science Emily H. Yang Lydia Jane Youngman also Spanish Diana Qiuyue Zhao

DIVISIONAL CEREMONIES INFORMATION

MONDAY, MAY 16

The G.W.C. Whiting School of Engineering Graduate Ceremony was held Monday morning at Royal Farms Arena. Phyllis A. Schneck, deputy undersecretary for cybersecurity and communications, National Protection and Programs Directorate, Department of Homeland Security, was the speaker.

The School of Medicine Convocation Ceremony was held Monday afternoon at Royal Farms Arena. Dr. Siddhartha Mukherjee, author of *The Emperor of All Maladies: A Biography of Cancer*, was the speaker.

TUESDAY, MAY 17

The Carey Business School Graduation Ceremony was held Tuesday morning at Royal Farms Arena. David M. Rubenstein, a trustee emeritus of the Johns Hopkins University Board of Trustees, and co-founder and co-CEO of The Carlyle Group, was the speaker.

The Bloomberg School of Public Health Convocation Ceremony was held Tuesday afternoon at Royal Farms Arena. Mona Hanna-Attisha, director of the Pediatric Residency Program at Hurley Children's Hospital, was the speaker.

The G.W.C. Whiting School of Engineering and Zanvyl Krieger School of Arts & Sciences Doctoral Hooding Ceremony was held Tuesday afternoon in Shriver Hall on the Homewood campus. Dr. Jared L. Cohon, professor in the departments of Civil and Environmental Engineering and of Engineering and Public Policy at Carnegie Mellon University, director of the Scott Institute for Energy Innovation, and president emeritus of Carnegie Mellon University, was the speaker.

WEDNESDAY, MAY 18

The School of Education Diploma Ceremony was held this morning at Royal Farms Arena. Patrick T. McCarthy, president and CEO of the Annie E. Casey Foundation, was the speaker.

The Peabody Institute Graduation Ceremony was held this morning in the school's Friedberg Concert Hall. Awadagin Pratt, professor of piano and chairman of the Piano Department at the College Conservatory of Music at the University of Cincinnati, was the speaker.

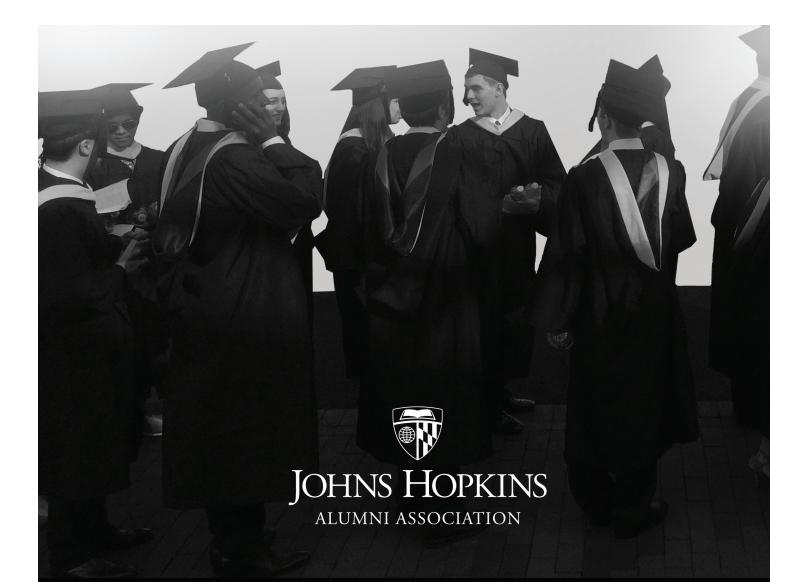
THURSDAY, MAY 19

The Paul H. Nitze School of Advanced International Studies Diploma Ceremony is Thursday at 11 a.m. at DAR Constitution Hall, 1776 D Street NW, Washington, D.C. Ambassador Wendy R. Sherman, senior counselor at Albright Stonebridge Group and former undersecretary of state for political affairs, will be the speaker.

The School of Nursing Graduation Ceremony is Thursday at 11 a.m. in Shriver Hall on the Homewood campus. Scott M. Newton, the director of Nursing at Johns Hopkins Hospital's Department of Emergency Medicine and the Lifeline Critical Care Transport Program, will be the speaker.

MONDAY, MAY 23

The Zanvyl Krieger School of Arts and Sciences Master's Degree Ceremony is Monday at 11 a.m. at the Joseph Meyerhoff Symphony Hall. Charles C. Mann, author and correspondent at *The Atlantic*, *Science*, and *Wired*, will be the speaker.



CONGRATULATIONS! WELCOME TO OUR WORLDWIDE ALUMINI FAMILY



ONLINE NETWORKING EXCLUSIVELY FOR JHU ALUMNI AND STUDENTS STAY CONNECTED ALUMNI.JHU.EDU

f FACEBOOK.COM/JOHNSHOPKINS

To @JHU_ALUMNI

in THE JOHNS HOPKINS UNIVERSITY ALUMNI







The Johns Hopkins University Office of the Registrar ADDENDUM TO UNIVERSITY-WIDE COMMENCEMENT BOOK May 18, 2016

For those who use the University-wide Commencement Program as an official record of the awarding of degrees, please note the following changes as of June 30, 2016.

Zanvyl Krieger School of Arts and Sciences Page 23 **G. Stanley Hall Prize Correction:** Joseph Harrison Huntley Phi Beta Kappa Page 32 From the Senior Class in the Zanvyl Krieger School of Arts and Sciences Elected in 2015: Add: Rahul Kamal Sharma School of Nursing Page 34 - 35 Sigma Theta Tau Nu Beta International Honor Society of Nursing Add: Doctoral: Chizoba Anako Ivette Cardelli Masters: Samantha Paige Austin Leslie Nobuko Kon Carrie Anne Baran Meghan Elizabeth Sheehan Amit Dhir Jamie Renee Undem Grace Elizabeth Gaither **Baccalaureate:** Maude Theo Matthai Michelle Eckstein Osterman **Delete: Doctoral:** Anita Catherine Bacher Brandi McClain Amanda Brooke Choflet Sarah Elizabeth Mossburg Bermesola M. Dyer Leslie Maryann Horan Rowan Katherine E. Heinze Gail M. Schoolden Melissa Hunter

Masters:

Margaret Aeschliman Molly Grace Ambler Lauren Carol Ayres Erin Alexandra Booth Emily Allyn Chase Cody Nicole Collazo Andrew George Corley Amy Lynn Degener Brittany Drazich Elisa Angela Dupuis Chloe Chiyoko Gaines Stephanie Diane Griffin David Joseph Hering Sharon Elizabeth Huang Erin Elizabeth Hunter Shahzia A. Lakhani Jill Leslie Marion Jennifer Louise Martin Jenny Mathew Hannah Kristvik Meadows Christopher Abbas Mehdizadeh Leigh Virginia Von Rueden Dana Emily Wong

Zanvyl Krieger School of Arts and Sciences Baccalaureate Candidates Graduating with General Honors

Add:

Julia Elizabeth Adams Gloria Giselle Aldana Ritchie Marindin Assini Hannah Claire Bunkin Stephanie Andrea Cade-Ferreira Colson K. Campbell Aidan Ronald Crank Genevieve Arveneaux Crawford Elena Michele Ostrom Crowe Sarah Elizabeth Anne Curtis Alexa Sebastiana Curto Jordan Frost Delane Michael A. DeMaio Jacquelyn Lee Dillon Andrew Thomas Dizenzo Mary Katherine Egan Yara Mohammed Gorashi Maria Carlota Gorosabel Alexander Wilson Lee Grable Madeline Lisa Halpern Elissa Shanshan Heh Bahareh Jabbari Jasmine Mariah Jones Nikole Marie Kerns Elliot Jonathan Kim Sunu Kim Zoe Anne Kirshenberg James Levi Knippel

James Henry Koch Elena Meredith Kuivila Kenneth Young-Jae Kwon Stephen Merritt Langer Si Yeon Lee Melissa Carol Levy Wei-Shi Lin Florence Luyao Ma Nikhil Shashank Modak Natalie Anne Murphy Stephanie Cynthia Ogir Kirsti Rose Paavola **Daniel Paredes** Jenny Jin Park Na Yung Park Sarah Broderick Ragen Bryce X. Rowan Maria Alejandra Santa Cruz **Christina Anne Schnabel** Jason Christopher Carlin Maria Sciamanna Carly Samantha Segal Sirtaj Bir Singh Erica Taicz Alex Young Xiao Sarah Xu Hyun Jung Yoo Brittany Alexandra Zwang

Page 37 - 39

Delete:

Nadine Amjad Abdullat Elizabeth Anne King Irene Victoria Vargas

Correction:

Joseph Harrison Huntley

G.W.C. Whiting School of Engineering **Baccalaureate Candidates Graduating with General Honors**

Add:

Ashish Aman Steven Robert Austin Andrew Charles Beamesderfer Kiana Nicole Duncan Joon Hyuck Eoh Derek Martignetti Fischer Gabriela Frid **Alexander Huntington Griffith** Tai-Ting Hsieh Michael Anthony S.S.M. Kelly Amina Lazrak

Delete:

David Benjamin Hudak **Daniel Patrick Keith**

Carey Business School

Bachelors of Business Administration Graduating with General Honors

Correction:

Juniko Widjaja

Zanvyl Krieger School of Arts and Sciences Baccalaureate Candidates Graduating with Departmental Honors

Add:

- Olga Alexabdrovna Baranoff, Economics Julied Fernanda Bautista, French Lauren Christine Blachowiak, Writing Seminars Cameron Joel Davis, Philosophy Madeline Lisa Halpern, Spanish Sally Hwang, Writing Seminars Dean Kang, Cognitive Science Nikole Marie Kerns, Spanish Louis Patrick Kester, Spanish
- 3

Madison Philip Wilcox Michelle Xu Ji Hyun Yang

Yi Wai Li Meil Rohit Mallinar Tokio Nakamoto James Conrad Pritchard Angela Maria Roller Amy Tong Sun Mozhi Zhang Jesse Zheng Dayu Zhong Andrew John Zigmont

Pages 40 - 41

Jonathan J. Kim, International Studies; Spanish Sophie Rae LaCava, Writing Seminars Caitlin Jo C. Plank, Writing Seminars Diamond Da'Shae Pollard, Writing Seminars Maria Alejandra Santa Cruz, Sociology Zachary Stuart Schlosberg, Writing Seminars Brent Russell Schottenfeld, Spanish Alexander Cenciarelli Schulick, Spanish Benjamin Alexander Schwartz, Public Health Studies

Page 39 - 40

Page 40

William Hogan Scola, *Spanish* Sofia Lang Selig, *Writing Seminars* Leslie J. Sibener, *Writing Seminars*

Delete:

Anthony Arnette, *Cognitive Science* Andrew Joseph Brenner, *Chemistry* Julia M. Felicione, *Cognitive Science* Nicolas Mehrle Freeman, *Physics* Michael Kelly, *Physics* Colin McCarthy, *Psychology* Julie Danielle Paone, *Cognitive Science*

Correction:

Cecilia Grace Alexandria Freeman *adding Spanish* Joseph Harrison Huntley, *Neuroscience*

G.W.C. Whiting School of Engineering Baccalaureate Candidates Graduating with Departmental Honors

Add:

Daniel Alexander Adler, Applied Mathematics and Statistics Joonha Chang, Applied Mathematics and Statistics Logan Garrett Dorman, Applied Mathematics and Statistics Kiana Nicole Duncan, Mechanical Engineering Alexander Huntington Griffith, Engineering Mechanics Seyong Jeong, Applied Mathematics and Statistics Chachrit Khunsriraksakul, Applied Mathematics and Statistics Kangsan Kim, Applied Mathematics and Statistics Ivan Kuznetsov, Applied Mathematics and Statistics Yi Wai Li, Chemical and Biomolecular Engineering Thomas Thein Duc Nguyen, Applied Mathematics and Statistics Ruta B. Patel, Applied Mathematics and Statistics Benjamin Howard Shapiro, Applied Mathematics and Statistics Seth Eric Weisberg, Applied Mathematics and Statistics Addison Baldwin Wright, Applied Mathematics and Statistics Jennifer Zheng, Applied Mathematics and Statistics Jesse Zheng, Biomedical Engineering

Delete:

John Alan Wells, Systems Engineering

Carey Business School Masters of Science:

Delete: Chengcheng Yang, *Finance* The Johns Hopkins University Office of the Registrar Olivia Lilian Spector, Spanish Nicole Haley Ziegler, History of Art

> Michelle Shamim Ritter, International Studies; Political Science Takamichi Luke Suzuki, Molecular & Cellular Biology Edric Tam, Neuroscience Beatriz Noemi Williams, History of Art Cyrus Zhou, Biophysics; Molecular & Cellular Biology Nicole Haley Ziegler, Writing Seminars Lin Zuo, Public Health Studies

> > Pages 42 – 43

Pages 60 – 63

Office of the Registrar Correction: (Marked incorrect conferral period, remove *)

The Johns Hopkins University

Han Wang, Health Care Management

Correction: (Major not italicized) Xiaohui You, *Enterprise Risk Management*

School of Education Post-Master's Certificates Add: Jennifer Elizabeth Carinci, Educational Sciences

Delete:

Deema Al-Sheikhly, *Evidence-Based Teaching in Health Professions* Paul E. Blackburn, *Evidence-Based Teaching in Health Professions* Elizabeth Topper Golub, *Evidence-Based Teaching in Health Professions* Albert Khait, *Evidence-Based Teaching in Health Professions* Eric C. Nemec, *Evidence-Based Teaching in Health Professions* Stephen Martin Sozio, *Evidence-Based Teaching in Health Professions*

School of Education Masters of Science

Delete:

Jorge Eduardo Alma, Organizational Leadership Sam G. Blobaum, Education Teresa Lynn Boragno, Education Matthew T. Heimberger; Management Jennifer Hua; Counseling Gabriel Lamptey, Organizational Leadership Patrick McDonald, Education

Correction: Natalie Ngoc Truong

School of Education Masters of Education

Delete:

Deema Al-Sheikhly, *Education* Elizabeth Topper Golub, *Education* Shiva Sarraf-Yazdi, *Education* Dwight McKinnon, Management Jamille Clayborn Pitts, Counseling Sonam Jagdish Shahani, Education Emillie C. Stewart, Education Jeremy R. Tippett, Organizational Leadership Jason E. Tyler, Organizational Leadership Suzann Rebecca Wilson, Counseling

Pages 69

Pages 64 – 65

Pages 65 – 69

School of Education Masters of Arts in Teaching

Delete:

Lisa R. Dziak Stephanie R. Malpass Nicola Omatsola

School of Education Graduate Certificates

Add:

Michael Shane McGlaughlin, School Administration and Supervision

Delete:

Summer J. Carter, School Administration and Supervision Eunique Valise Gray, School Administration and Supervision Bridget M. Jefferys, School Administration and Supervision Patrick McDonald, Data-Based Decision Making and Organizational Improvement Candice Michelle Thomas, School Administration and Supervision

Peabody Conservatory of Music Graduate Performance Diplomas

Delete:

Mark William DeMull, *Percussion* Wen-Wen Vivian Hou, *Violin* Hanni Li, *Voice* Sanjay P. Mody, *Piano*

Peabody Conservatory of Music Masters of Music

Correction: (removed second major) Joachim Theodore Lim, *Musicology*

Bloomberg School of Public Health Masters of Science:

Add:

Miebaka Jamabo, Biochemistry and Molecular Biology

Delete:

Yasmin Ara Baig, Molecular Microbiology and Immunology

Pages 70

Pages 70 – 72

Page 72

Page 72 – 73

Page 73 – 74

Bloomberg School of Public Health Masters of Health Science:

Add: Manquing Liu, *Epidemiology*

Delete: Yi-Chen Liu, *Epidemiology*

Bloomberg School of Public Health Masters of Public Health:

Add: Stanley R. Berger Valerie Dee Garrett

Tonya Fay Katcher Ranjani Somayaji

Gregory Burnett Dea Sloan Kernika Gupta

Delete:

Paul H. Nitze School of Advanced International Studies Masters of Arts

Add:

Joel Carmine Covelli Nicholas Alexander Hoffman Tae Hoon Kang Martin Wallner

Delete:

Ahmed Aliyu Ahmad Deea Ariana Martha Babbitt Justin K. Cheng **Benjamin Alejandro Cifuentes** Joel Carmine Covelli **Christopher Paul Crow** Katherine Elizabeth Delavan Margaret Dunsmore Steven B. Eisen Zachary Ian Fellman Kelli Lenae Garrett Anthony A. Gonzalez Meghan lacobacci **DaQuan Lawrence** Gerta Lezi

Hayley Christine Luhr **Boban Markovic** Crystal Danae Marshall Jason Louis McConnell Sean I. Mills Marianna Leon Muratova Maura K. Ourand Thomas Luiz Awazu Pereira Da Silva Christiana Nikola Reichsthaler **David Emanuel Rubin** Cynthia Pamela Sandoval Leah Marie Smith Ruchira Srinivasakrishnan Jeffrey K. Suppes Sneha Thayil Menexenia Tsaroucha

Page 77 – 79

Pages 79 – 81

The Johns Hopkins University Office of the Registrar Emily Keogh Ward

Yuhan Wang

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

Delete:

Maria Elena Amadori Young Davis Vanya Tsekova Kostadinova

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

Delete:

Syed Jehangeer Ali Jason James Hedges

The School of Medicine Post-Baccalaureate Certificates

Correction: (December conferrals) Ashleigh Josephine Faulstich, *Certificate in Clinical Informatics*** Sreenath Rao Samudrala, *Certificate in Clinical Informatics***

G.W.C. Whiting School of Engineering Masters of Science in Engineering

Delete:

Hye Sang Lee, *Electrical & Computer Engineering* Xiaozhou Phiphy Zhou, *Computer Science*

Correction:

Letitia Kai-Ling Chim

G.W.C. Whiting School of Engineering Masters of Science in Engineering in Bioengineering Innovation and Design

Delete:

Victor San Hou Yu, Biomedical Engineering

G.W.C. Whiting School of Engineering Masters of Science

Add:

Carolyn Jennifer Thiel, Computer Science

Page 81

Page 81 – 82

Page 82

Pages 82 - 86

Pages 86

Pages 87 – 92

G.W.C. Whiting School of Engineering Masters of Science in Engineering Management	Pages 92
Delete: Ayodeji A. Olubusi <i>, Engineering Management</i>	
Zanvyl Krieger School of Arts and Sciences Post Master's Certificate in Sequence Analysis and Genomics	Pages 93
Add: John Castle Raley	
Zanvyl Krieger School of Arts and Sciences Masters of Science in Applied Economics	Pages 94
Add: Karen Herrera Villatoro	
Zanvyl Krieger School of Arts and Sciences Masters of Science in Bioscience Regulatory Affairs	Pages 94
Add: Nicholas David Cohen	
Zanvyl Krieger School of Arts and Sciences Masters of Science in Biotechnology	Pages 94 – 96
Add: Reham Ahmed Margaret Elizabeth Brandon Meenakshi Shalini Vanka	
Delete: Kumba Jarra-yalla Sennaar	
Zanvyl Krieger School of Arts and Sciences Master of Science in Government Analytics	Page 96
Delete: Francisco Castellanos	
Zanvyl Krieger School of Arts and Sciences Masters of Arts in Applied Economics	Pages 97

Delete: Karen Herrera Villatoro

Zanvyl Krieger School of Arts and Sciences Masters of Arts in Communication	Pages 97 – 98
Correction: Liliana Parra Santamaria	
Zanvyl Krieger School of Arts and Sciences Masters of Arts in Global Security Studies	Page 98
Delete: John Gaitan Brandon Michael Mcvade	
Zanvyl Krieger School of Arts and Sciences Masters of Arts in Museum Studies	Page 98 – 99
Add: Kimberly Margaret Pollock	
Delete: Amanda Olivia Peacock Kimberly Margaret Pollock	
Zanvyl Krieger School of Arts and Sciences Masters of Arts in Public Management	Page 99
Delete: Michael E. Jones	
Zanvyl Krieger School of Arts and Sciences Graduate Certificates in Geographic Information Systems	Page 99
Delete: Krysten Rae Beard	
Zanvyl Krieger School of Arts and Sciences Post-Baccalaureate Certificate in Science Writing	Page 100
Add: Julie Elizabeth Bastuk	

Carey Business School Bachelors of Business Administration:	Page 101
Delete: Tomas Solari Yrigoyen	
Peabody Conservatory of Music Bachelors of Music:	Pages 101
Delete: Ari Messenger, <i>Jazz Violin</i> Peter Dennis Guy Morey, <i>Oboe</i>	
Correction: (removed second major) Kelly Kim <i>, Music Education</i>	
G.W.C. Whiting School of Engineering Bachelors of Science in Applied Mathematics and Statistics	Page 103
Delete: Leon D. Santhakumar	
G.W.C. Whiting School of Engineering Bachelors of Science in Chemical and Biomolecular Engineering	Page 104
Delete: Arya M. Reddy, also Applied Mathematics and Statistics	
G.W.C. Whiting School of Engineering Bachelors of Science in Computer Engineering	Page 104
Delete: Zeyu Hao	
G.W.C. Whiting School of Engineering Bachelors of Science in Computer Science	Page 104 - 105
Add: Richard Saul Mishaan	
Delete: Sean Kevin Erfurt	

Vishwesh Nikhil Majithia

G.W.C. Whiting School of Engineering Bachelors of Science in Mechanical Engineering

Delete: Oritsetimeyin Anene Moju

Zanvyl Krieger School of Arts and Sciences Bachelors of Science in Neuroscience

Add: Michael A. DeMaio

Delete: Rachel Ada Lee Jordan Kyle Matelsky Austin Jameson Sullins

Correction: Joseph Harrison Huntley

Zanvyl Krieger School of Arts and Sciences Bachelors of Arts

Classics: **Correction:** Sophia-Pia Zombanakis

Cognitive Science Delete: Kelsey Anna Whalen, *also Psychology*

Economics Delete:

Austin Edward Dennis

International Studies

Delete: Nadine Amjad Abdullat Claire Li-Hwei Chun, *also Economics* Joshua Hong Biola Olubunmi Ijadare Elizabeth Anne King, *also East Asian Studies* Alexandrea Emma Kane Lee, *also East Asian Studies and Sociology* Lukas H. Lerner

12

Page 105

Page 106 – 107

Pages 107 – 111

The Johns Hopkins University Office of the Registrar Dulce Karina Rodriguez, also Latin American Studies and Political Science Madison Philip Wilcox

Correction: (removed second major) David Hyung-suk Oh, *also Physics*

Mathematics **Delete:** Amirul Fitri Zainol Abidin

Natural Sciences Area Delete: Martiana Elizabeth Scott

Near Eastern Studies Correction: (removed second major)

Colleen Faye Livingstone, *also Philosophy*

Correction: (move to correct major – missing header) Thomas G. Chen Nicole Chana Cornet** Cameron Joel Davis Jessica Sophia Janneck Dongju S. Lee** Edwina L. Picon, *also Psychology* Alex Francisco Urbina Favela

Philosophy

Correction: (moved from *Near Eastern Studies* heading) Thomas G. Chen Nicole Chana Cornet** Cameron Joel Davis Jessica Sophia Janneck Dongju S. Lee** Edwina L. Picon, *also Psychology* Alex Francisco Urbina Favela

Political Science

Add: Dulce Karina Rodriguez, also Latin American Studies

Delete: Travis M. Laska

Psychology

Delete: Christina M. Estremadoyro Peter Franklin Siciliano

Public Health Studies Delete:

Katrina Caridad Rios Cara Pauline Scharf Caroline Elisabeth Turco

Writing Seminars

Add: Sophie Rae LaCava

Delete:

Utkarsh Singh Rajawat Kaye Rosaline Weinstein