

Conferring of Degrees at the Close of the 130th Academic Year

# JOHNS HOPKINS UNIVERSITY

May 25, 2006 9:15 a.m.



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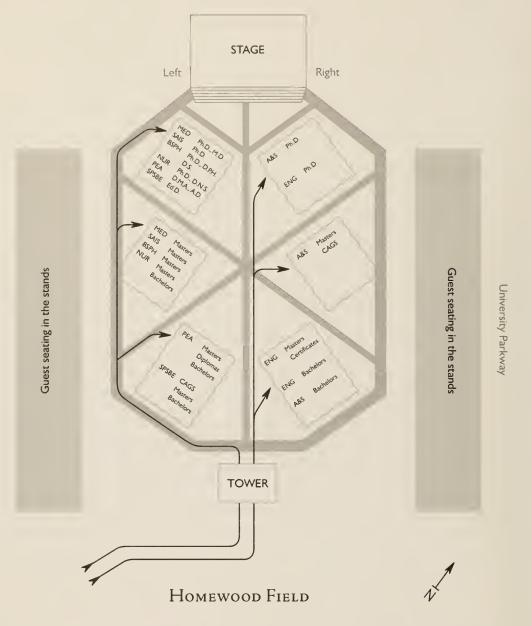
Candidates for Degrees ......32

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

Photos of graduates can be purchased from Homewood Imaging and Photographic Services 410-516-5332, homewoodphoto@jhu.edu. Videotapes and DVDs can be purchased from Northeast Photo Network (410-789-6001).

We appreciate your cooperation!

## Graduates Seating



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

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

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

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

## Order of Procession

#### Marshals

Rosemarie Brager Siba Grovogui Thomas Koenig Kostas Konstantopoulos Sharon Krag Gloria Lane Theodore Lewis Kenneth Moss Daniel Naiman Marie Nolan Peter Peterson Joshua Reiter Edyth Schoenrich Scott Smith Melissa Thomas Neil Thompson Shade

The Gradnates

Marshals Robert Dalrymple Frances Ferguson

The Faculties

Marshals

William Kotti

Robert Spiller

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

*Chief Marshal* Fannie Gaston-Johansson

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

## Order of Events

William R. Brody President of the University, presiding

#### PRELUDE

The Festival Brass

#### PROCESSIONAL

The Festival Brass

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

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

#### INVOCATION

Sharon M. K. Kugler University Chaplain

The National Anthem of the United States of America

#### GREETINGS

Raymond (Chip) A. Mason Chairman of the Board of Trustees

#### Greetings

Roderich (Rick) M. Carr President of The Johns Hopkins Alumni Association

#### PRESENTATION OF NEW MEMBERS OF THE SOCIETY OF SCHOLARS

Stylianos Antonarakis Henry Bohlman Daniel Denegri Daniel Driscoll Donald Gilden Chih-Ming Ho Michael Kaback Michael Kastan

Jay Knutson Athan Kuliopulos Elaine Larson Liming Lee Mark Orringer Raymond Roos David Serwadda

PRESENTED BY Steven Knapp Provost and Senior Vice President for Academic Affairs

CONFERRING OF HONORARY DEGREES Marie-Claire Alain R. Champlin Sheridan Carl E. Taylor

Address

William R. Brody President of the University

MUSICAL INTERLUDE

*The Earl of Oxford March* William Byrd (1539–1623)

## CONFERRING OF DEGREES ON CANDIDATES

Bachelors of Science in Applied Mathematics and Statistics Bachelors of Science in Biomedical Engineering Bacbelors of Science in Chemical Engineering Bachelors of Science in Civil Engineering Bachelors of Science in Computer Engineering Bachelors of Science in Computer Science Bachelors of Science in Electrical Engineering Bachelors of Science in Engineering Mechanics Bachelors of Science in Engineering Science Bachelors of Science in Materials Science and Engineering Bachelors of Science in Mathematical Sciences and Engineering Bachelors of Science in Mechanical Engineering Bachelors of Arts Bachelors of Arts in Biomedical Engineering Bachelors of Arts in Computer Science Bachelors of Arts in Geography Bachelors of Arts in Applied Mathematics and Statistics Bachelors of Electrical Engineering Bachelors of Mechanical Engineering

PRESENTED BY Nicholas P. Jones Dean, The G.W.C. Whiting School of Engineering

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

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

Performers Certificates Bacbelors of Mnsic PRESENTED BY Peter E. Landgren Interim Director, The Peabody Institute Bachelors of Science

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

Undergradnate Certificates Bachelors of Science Bachelors of Liberal Arts Gradnate Certificates in Business Gradnate Certificates in Education

PRESENTED BY Ralph Fessler Dean, The School of Professional Studies in Business and Education

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

PRESENTED BY Ralph Fessler Dean, The School of Professional Studies in Business and Education

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

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

Graduate Performance Diplomas Masters of Music Masters of Arts PRESENTED BY Peter E. Landgren Interim Director, The Peabody Institute

Masters of Science Masters of Health Science Masters of Public Health PRESENTED BY Michael J. Klag

Dean, The Bloomberg School of Public Health

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

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

Masters of Arts

PRESENTED BY Edward D. Miller Frances Watt Baker and Lenox D. Baker Jr: Dean of the Medical Faculty Graduate Certificates Certificates of Continuing Engineering Studies Masters of Chemical Engineering Masters of Civil Engineering Masters of Environmental Engineering Masters of Mechanical Engineering Masters of Science Post-Master's Advanced Certificates Masters of Science in Engineering PRESENTED BY Nicholas P. Jones Dean, The G.W.C. Whiting School of Engineering

Certificates in Biotechnology Enterprise Masters of Arts Masters of Science Masters of Science in Biotechnology Masters of Arts in Communication in Contemporary Society Masters of Arts in Developmental Psychology Masters of Science in Developmental Psychology Masters of Arts in Applied Economics Masters of Science in Environmental Sciences and Policy Masters of Arts in Government Masters of Arts in Government Masters of Arts in Wirting

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

> > Doctors of Education

PRESENTED BY Ralph Fessler Dean, The School of Professional Studies in Business and Education Artist Diplomas Doctors of Mnsical Arts

PRESENTED BY Peter E. Landgren Interim Director, The Peabody Institute

> Doctors of Nursing Science Doctors of Philosophy

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

Doctors of Science Doctors of Public Health Doctors of Philosophy

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

Doctors of Philosophy

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

> Doctors of Medicine Doctors of Philosophy

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

PRESENTED BY Nicholas P. Jones Dean, The G.W.C. Whiting School of Engineering

Doctors of Philosophy

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

#### RECESSIONAL

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

> Mnsic has been provided by The Festival Brass

## DIVISIONAL DIPLOMA CEREMONIES INFORMATION

The Paul H. Nitze School of Advanced International Studies Diploma Ceremony is at 3 p.m. this afternoon at Constitution Hall, 18th and D Streets NW, Washington, DC. Dr. Mohamed ElBaradei, Director General of the International Atomic Energy Agency (IAEA) is the speaker. A reception at the Nitze School follows the ceremony.

The Zanvyl Krieger School of Arts and Sciences and The G.W.C. Whiting School of Engineering Undergraduate Diploma Ceremony is at 1:45 p.m. this afternoon on Homewood Field. Elias A. Zerhouni, M.D., Director, National Institutes of Health, is the speaker.

The Zanvyl Krieger School of Arts and Sciences Master's Diploma Ceremony is at 10:00 a.m. on Friday, May 26, on Homewood Field. Alice McDermott, novelist, is the speaker. A reception follows immediately in the Robert Scott Gymnasium, Ralph S. O'Connor Recreation Center. Ph.D. recipients from Arts and Sciences and their guests are also welcome.

The School of Medicine Diploma Ceremony is at 2:30 p.m. this afternoon at Meyerhoff Symphony Hall at Cathedral and Preston Streets in Baltimore. Michael Bloomberg, Mayor of New York City, is the speaker.

The School of Nursing Baccalaureate Diploma Ceremony is at 1:00 p.m. this afternoon in Shriver Hall Auditorium, Homewood campus. The Master's and Doctoral Candidates Ceremony is at 3:30 p.m. Dean Martha N. Hill is the speaker.

The Peabody Institute Diploma Ceremony is at 8 p.m. this evening in Friedberg Hall at the Institute. Gilbert Kalish, pianist and educator, is the speaker.

The School of Professional Studies in Business and Education Undergraduate and Graduate Diploma Ceremony is at 7:30 p.m. this evening on Homewood Field. A reception follows in the Ralph S. O'Connor Recreation Center immediately after the ceremony. Peter Petersen, Associate Dean of the Graduate Division of Business and Management, is the speaker.

The Bloomberg School of Public Health Diploma Ceremony was held yesterday afternoon. Paul E. Farmer, founding director, Partners in Health; Professor of Medical Anthropology, Harvard Medical School, is the speaker.

The G.W.C. Whiting School of Engineering Graduate Diploma Ceremony was held yesterday evening. Michael Griffin, NASA Administrator, was the speaker.

## THE JOHNS HOPKINS SOCIETY OF SCHOLARS

The Society of Scholars was created on the recommendation of former 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 and junior or visiting faculty at Johns Hopkins who have gained marked distinction in their fields of physical, biological, medical, social or engineering sciences or in the humanities and for whom at least five years have elapsed since their last Johns Hopkins affiliation. The Committee of the Johns Hopkins Society of Scholars, whose members are equally distributed among the academic divisions, elects the scholars from the candidates nominated by the academic divisions that have programs for postdoctoral fellows. The scholars are invested at the time of Commencement or a similar occasion. At that time, they are presented with a diploma and a medallion on a black and gold ribbon to be worn with their academic robe.

There are currently 490 members in the Johns Hopkins Society of Scholars.

The following listing of the Society of Scholars members elected in 2006 is accompanied by a short description of their accomplishments at the time of their election to the society.

#### Stylianos Antonarakis Geneva, Switzerland

Dr. Antonarakis is widely known for his research in genetic mutations that cause several hereditary conditions, such as hemophilia and thalassemia, and in Down syndrome, a disorder of chromosome number. He is the chair of the Department of Genetic Medicine and Development in the University of Geneva Medical School in Switzerland. His department is recognized for its active role in research, teaching and patient care. Dr. Antonarakis spent three years as a postdoctoral fellow in the Johns Hopkins Department of Pediatrics and in the Center of Medical Genetics (now the McKusick-Nathans Institute of Genetic Medicine).

### Henry Bohlman Cleveland, Obio

Currently a professor of orthopedic surgery at Case Western Reserve University in Cleveland, Dr. Bohlman is widely recognized as a leader in the understanding and treatment of cervical spine pathology, a focus he developed as a Johns Hopkins resident working under Robert A. Robinson, chair of Orthopedic Surgery, between 1964 and 1970. Since then, Dr. Bohlman has not only clarified the epidemiology and etiology of cervical spine injuries, but he also has written seminal works on the anatomy and biomechanics of those injuries. Equally important is the role he has played in providing important training and mentoring for today's spine surgery leaders. In fact, virtually every leader in this field today trained at some point with Dr. Bohlman. That work continues today.

## Daniel Denegri Gif-sur-Yvette, France

Following his postdoctoral work in the Johns Hopkins Department of Physics and Astronomy, Dr. Denegri joined the international team that discovered the W and Z particles, the long-sought carriers of the weak nuclear force, establishing the Standard Model of Particle Physics. Considered one of the greatest scientific breakthroughs of the 20th century, the discovery garnered the Nobel Prize for physics in 1984. Dr. Denegri played a major role in that discovery, building a key part of the instrument that detected the new particles. Dr. Denegri is currently working to extend the theory as a research director at the Commissariat à l'Energie Atomique in Saclay, France, near Paris.

### Daniel Driscoll Gainesville, Florida

Dr. Driscoll is one of the best of the vanishing breed known as physician/scientists. His meticulous studies of patients with Angelman and Prader-Willi syndromes are considered milestones in the burgeoning field of epigenetics. Many consider Dr. Driscoll the premier clinician/scientist for the care of those with Prader-Willi syndrome, a genetic cause of obesity. In fact, Dr. Driscoll devised a method that is now considered the gold standard for diagnosing the syndrome, and he characterized the mutations that are responsible for the disease. Today, he is training both scientists and clinicians at the University of Florida College of Medicine, where he is a professor of pediatrics and genetics and the John T. and Winifred M. Hayward Professor in Genetics Research.

#### Donald Gilden Denver, Colorado

Long after a bout of the chicken pox fades, the varicella-zoster virus that causes the illness lingers in the human nervous system. At the University of Colorado Health Sciences Center, where he is the Louise Baum Professor and Chair of Neurology, Dr. Gilden studies the impact of the latent virus. A second important project led by Dr. Gilden uses a molecular approach to understand and define immune system responses in multiple sclerosis with the ultimate goal of being able to pinpoint the antigens responsible for the disease. A native of Baltimore, Dr. Gilden came in 1969 to the Department of Epidemiology at the Johns Hopkins School of Hygiene and Public Health (now the Bloomberg School of Public Health), where he spent two years as an NIH postdoctoral fellow.

### \* Chih-Ming Ho Los Angeles, California

Dr. Ho is an expert on nano-fluidic technologies and the wide spectrum of biotech and nanotech applications, such as gene sensing, drug discovery and health maintenance. One of the most frequently cited engineering researchers in the world, he has published 220 papers and holds seven patents. Dr. Ho is associate vice chancellor for research for engineering and physical sciences at the University of California, Los Angeles, where he helped establish a micro-electro-mechanical system program that is recognized as one of the best in the field. He was inducted into the National Academy of Engineering in 1997. At Johns Hopkins, he was an associate research scientist from 1974 to 1975 in what is now the Department of Mechanical Engineering.

## \* Michael Kaback San Diego, California

A professor in the Department of Pediatrics and Reproductive Medicine at the University of California, San Diego, Dr. Kaback is considered a world leader in the understanding and treatment of a genetic disorder known as Tay-Sachs disease, which affects primarily people of Ashkenazi Jewish descent. In 1971—a year after research led to the understanding of the biochemical basis of Tay-Sachs—Dr. Kaback produced an effective test to detect carriers of this disease and conducted Maryland's first mass public screening. He then spearheaded a national campaign to educate targeted populations about the importance of genetic screening, an action that resulted in far fewer cases of this uniformly fatal disease. Dr. Kaback was at Johns Hopkins from 1963 to 1968 as an intern and resident on the Harriet Lane Service and on the faculty of the Department of Pediatrics. In 1991, he was the American College of Medical Genetics' Founding Fellow.

### Michael Kastan Memphis, Tennessee

While at Johns Hopkins as a new assistant professor, Dr. Kastan discovered that a certain protein, p53, functions as a "guardian of the genome," causing cells to pause and repair damage to their DNA before going on to divide. As p53 is the most commonly mutated gene in human cancer, this work has enormous implications for cancer prevention, diagnosis and treatment. Dr. Kastan served as an intern, resident and fellow in the departments of Pediatrics and Oncology at Johns Hopkins from 1984 to 1989. He then joined the Johns Hopkins faculty, working in the departments of Oncology, Pediatrics, and Molecular Biology and Genetics until he moved to St. Jude Children's Research Hospital in Memphis in 1998. Dr. Kastan is now chairman of the Department of Hematology/Oncology and director of the Cancer Center at St. Jude.

#### Jay Knutson

#### Bethesda, Maryland

Dr. Knutson is a leader in the development of laser-driven high-speed optical instruments and techniques used in the life sciences. Most recently, he applied femtosecond lasers to the study of water organization around proteins, the binding of DNA-controlling receptors inside cell nuclei and the energy production process within heart cells. Dr. Knutson's technical innovations have allowed researchers to make advances in the fields of biology and medicine. From 1980 to 1984, he was a postdoctoral fellow in the Department of Biology at Johns Hopkins. Today, he is chief of the Optical Spectroscopy Section of the Laboratory of Biophysical Chemistry of the National Heart, Lung and Blood Institute at the National Institutes of Health.

#### Athan Kuliopulos Boston, Massachusetts

Dr. Kuliopulos is best known for his work identifying an enzyme that activates a receptor that results in cancer cell invasion and tumor growth. Dr. Kuliopulos' team was then able to block the spread of breast cancer in animals using special compounds that act on the inside surface of the cell, downstream from the enzyme and receptor. Now an associate professor of medicine, biochemistry and genetics and director of the Hemostasis and Thrombosis Laboratory at Tufts New England Medical Center in Boston, Dr. Kuliopulos was a postdoctoral student in the Department of Biological Chemistry and the Department of Pharmacology and Molecular Sciences at Johns Hopkins from 1989 to 1990.

### Elaine Larson New York, New York

A leading clinical researcher and nurse educator, Dr. Larson is internationally known for her work in infection control and epidemiology. She is considered one of the experts in the field of hand hygiene and has become a leading authority on the use—and misuse—of antibacterial products. Her service on federal committees and presidential and congressional commissions has laid the groundwork for national policy on the use of antimicrobials and for funding of nursing research and management of HIV infection and Gulf War veterans' illnesses. From 1985 to 1992, Dr. Larson was affiliated with the Johns Hopkins School of Nursing and the Department of Epidemiology in the School of Hygiene and Public Health (now the Bloomberg School of Public Health). Today, Larson is a professor of pharmaceutical and therapeutic research and associate dean for research at Columbia University School of Nursing. She is also a professor of epidemiology at Columbia's Joseph Mailman School of Public Health.

### \* Liming Lee Beijing, China

Dr. Lee is a prominent leader in public health and medicine in the People's Republic of China. Following postdoctoral studies at Johns Hopkins in the early 1990s, he served as the dean of the Peking University School of Public Health from 1997 to 2000. As president of the Chinese Academy of Preventive Medicine from 2000 to 2002, Dr. Lee led the mission to establish China's Centers for Disease Control and Prevention and was appointed founding director in 2002. Currently a professor of epidemiology at Peking University Health Science Center in Beijing, Dr. Lee gained international acclaim when he spearheaded the herculean effort to control the SARS epidemic in China.

### Mark Orringer

#### Ann Arbor, Michigan

Dr. Orringer specializes in lung cancer surgery, esophageal cancer surgery and the diagnosis and treatment of chest wall tumors. His research focuses on improving methods of esophageal removal and replacement, as well as combined therapies for esophageal cancer and lung cancer. After completing his general surgery and thoracic surgery residencies at Johns Hopkins, Dr. Orringer joined the faculty at the University of Michigan, where he has served as the head of General Thoracic Surgery since 1985. For more than 20 years, he has been an excellent teacher and mentor for medical students and surgical residents, and an outstanding clinical thoracic surgeon.

### Raymond Roos Chicago, Illinois

Dr. Roos is a nationally recognized researcher and leading clinician in the field of neurodegenerative disorders, particularly amyotrophic lateral sclerosis, multiple sclerosis and prion diseases. He spent 1971 to 1976 at the Johns Hopkins School of Medicine, first as a resident and then as a postdoctoral fellow in virology and immunology. Now a professor in the Department of Neurology at the University of Chicago, where he was department chairman from 1996 to 2004, Dr. Roos is considered an authority on the relationship between viral infection and neurological disease. He has edited one book and authored or co-authored more than 100 research articles in peer-reviewed journals, nearly 50 book chapters and more than 150 abstracts. A highly respected clinical neurologist and teacher, both at the bedside and at the bench, Dr. Roos has been consistently funded by NIH and voluntary agencies for his research, and he is an outstanding example of the complete clinician/teacher/investigator.

### David Serwadda Kampala, Uganda

During his first year of residency, Dr. Serwadda investigated an outbreak of a new disease in southwestern Uganda. In doing so, he was the first to recognize slim disease, or AIDS, in East Africa. This led Dr. Serwadda to a lifelong commitment to HIV prevention and sowed the seeds of what would, in 1987, become the internationally recognized Rakai Health Sciences Program, which has made major contributions to the epidemiology, basic science and clinical science needed for the control of HIV in sub-Saharan Africa. One of the program's collaborators is Johns Hopkins, where Dr. Serwadda earned his master's degree in public health in 1991. Today, he is director of the Makerere University Institute of Public Health in Uganda, the premier school of public health in sub-Saharan Africa.

## HONORARY DEGREES

#### MARIE-CLAIRE ALAIN

Your brilliant performances and hundreds of masterful recordings emerge not only from virtuoso talent but also from superb scholarship. You study the music, of course. But you also investigate the text on which it is based; the composer's life, work, and theology; the organ you are playing; and even the historically accurate fingering and position of the hand on the keyboard.

This unyielding pursuit of the ultimate interpretation has led you to three magnificent recordings of Bach's complete organ works. The first, you said, was "instinctive," the second "considered," and the last the beneficiary of "a long life of work and … research."

You also have recorded definitive integrales of more than a dozen other composers. Though known especially for your work on the 17th- and 18th-century masters, you have brought new life and spirit to the Romantic repertoire. And you champion contemporary organ works, including the magnificent oeuvre of your beloved brother, Jehan.

Admired worldwide for your musicianship, acclaimed for your research, and revered for your teaching, you are not just one of the great organists but one of the great musical artists of our time.

Marie-Claire Alain, daughter of France's premier musical family, metaphorical mother to generations of performers, and venerated member of the extended clan of our own Peabody Conservatory, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *bonoris causa*.

#### **R.** CHAMPLIN SHERIDAN JR.

President Daniel Coit Gilman said, "There is no such thing as a great university without a great library." You share that belief, and—with extraordinary philanthropy and visionary leadership—have played an indispensable role in positioning the university to provide students and faculty with truly great libraries for the 21st century.

In 1967, you scraped together a thousand dollars to buy the small printing company where you worked. Seeking sound advice and independent judgment, you invited four fellow Johns Hopkins graduates to sit on your board of directors. Their counsel, you have said, helped you grow that small company into The Sheridan Group, one of the nation's leading scientific and medical printers. The experience sparked a fresh appreciation for your Johns Hopkins education, inspiring you and your wife, Debbie, to endow the libraries to ensure that "future generations of well-educated Hopkins graduates" could follow you.

Your dedication to Johns Hopkins also has manifested itself in service as vice chair of the board of trustees and chair of its Committee on Educational Policy, trustee of Johns Hopkins Medicine, and co-chair of the Johns Hopkins Initiative. You have given generously of your time and wisdom to numerous committees and advisory boards, including those of the library, the Johns Hopkins University Press, and the School of Nursing.

R. Champlin Sheridan Jr., graduate in the class of 1952, in recognition of your personal, professional, and philanthropic dedication to the printed word and your long and distinguished service to your alma mater, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa*.

#### CARL TAYLOR

Through rigorous field research and passionate classroom instruction, you have dedicated your life to a noble and ambitious calling: preventing disease and improving health care among the impoverished of the world. Your accomplishments have earned you acclaim as the founder of the academic field of international public health.

You often have credited your parents, medical missionaries, for inspiring your career. You studied tropical diseases and practiced medicine in Panama and India. Frustrated by the loss of patients to preventable diseases like malaria and pneumonia, you returned to America to study public health. Then, with your wife and three children, you set off for India once again to teach medical students and, eventually, villagers themselves how to provide life-saving community health services. This latter approach, documented in the classic Narangwal Project, became a touchstone for international health programs around the world.

You poured immense energy into molding future public health professionals. In 1961, you joined what was then the School of Hygiene and Public Health at Johns Hopkins to lead a program that became the first, largest, and most respected academic department of international health in the world. Although you "retired" in 1983, you have continued to teach and to embark on important international missions to such distant and sometimes dangerous places as China, Bosnia, and Iraq.

Carl Taylor, for unequaled contributions to the health of the poor around the globe, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *honoris causa*.

## SIR JOHN TEMPLETON SR. presented May 1, 2006

It was in the midst of the Depression and before Pearl Harbor, a time when many Americans had soured on investment and resisted entanglement with the larger world. From a modest office, you launched an unparalleled Wall Street career that defied conventional wisdom on both counts: You specialized in helping Americans invest, successfully, outside the United States.

It was not long before a humble but bright, hard-working Rhodes Scholar from Yale was a major figure in international markets. You established what became Templeton Global Funds Inc. Eventually, *Money* magazine saluted you as "arguably the greatest global stock picker of the century."

Investing, however, never distracted you from even more important areas of life. You have written extensively on a stunning diversity of subjects stemming from your interest in the moral and spiritual as well as the financial and practical. And you have been steadfast in supporting investigation into the purpose of existence, the origin of the universe, the potential of humanity, and the interfaces between science and spirituality.

In 1972, you established the influential Templeton Prize. In 1987, you created the John Templeton Foundation, another extraordinary investment in our future, providing scores of millions of dollars a year in support of inquiry, education, enterprise, and human development.

Sir John Templeton Sr., for exemplary leadership and dedication in promoting moral as well as material progress, The Johns Hopkins University is proud to confer upon you the degree of Doctor of Humane Letters, *bonoris causa*.

## THE UNIVERSITY MACE

The University Mace carried by the Chief Marshal, was first used at the 1954 Commemoration Day Ceremony. Eight symbols are hand-wrought in sterling silver on an ebony staff. The symbols represent our cultural development from ancient times, through the Middle Ages and the Renaissance, to the modern era.

## THE PRESIDENTIAL INSIGNIA

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

## ACADEMIC GARB

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

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

The hood also varies for the respective degrees. The Bachelor's and Master's hoods are the same design, pointed at the base. The Bachelor's hood is three feet long; the Master's hood is three and one-half feet long. The Doctor's hood is four feet long, of fuller shape, and rounded at the base. The hood is bordered with velvet, the color of which indicates the field of study in which the Bachelor's, Master's, or Doctor's degree was earned:

Dark blue—Philosophy Light blue—Education Green—Medicine Salmon pink—Public Health Orange—Engineering Gold-yellow—Science

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

Black, old gold-Johns Hopkins University Light blue, white-Columbia University Dark blue-Yale University Light blue, white-University of North Carolina Gold, blue—University of California at Berkeley Purple—New York University Bright red—University of Wisconsin at Madison Maroon—University of Chicago Red, white—Cornell University Cardinal-Stanford University Cardinal red and gray-Massachusetts Institute of Technology Gold, blue-University of Michigan Blue, gold—University of Rochester Brown, red—Brown University Blue, white—Howard University School of Divinity Red, white-Indiana University Red, black-Northeastern University

Red, gray-Ohio State University Orange, black-Princeton University Red—Rutgers University White, red—*Temple University* Gold, blue—University of California at Los Angeles Light blue, navy blue-Union Institute Gold, blue-United States International University Gold, gray-University of Colorado Orange, white—University of Manchester Red-University of Maryland Silver, red—University of New Mexico Dark red, white-University of Oklahoma Red, blue-University of Pennsylvania Blue, gold-University of Toledo Gold, black-Vanderbilt University Gold—West Virginia University Crimson-Harvard University

## THE UNIVERSITY MOTTO

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

## AWARDS

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

LOUIS SUDLER PRIZE IN THE ARTS For excellence in the creative arts Awarded to *Rowena McBeath* 

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

THE ABELL FOUNDATION AWARD IN URBAN POLICY For the most compelling paper on a pressing policy challenge facing the city of Baltimore. Awarded to *Blake Trettian* 

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

AMERICAN SOCIETY OF MECHANICAL ENGINEERS AWARD In recognition of outstanding efforts and accomplishments on behalf of the Johns Hopkins University A.S.M.E. Student Chapter Jointly awarded to *Emily Katherine Kumpel Olivia YanYan Mao Angela Renee Pelletier Sarah Webster* 

APPLIED MATHEMATICS AND STATISTICS AWARD for achievement Jointly awarded to Ramanadh Venkata Chivukula Tiffany Nicole Tasky Wilfred Wong APPLIED MATHEMATICS AND STATISTICS AWARD For outstanding teaching performance by a student in the Applied Mathematics and Statistics Department during the year 2005–2006 Awarded to *Tiffany Nicole Tasky* 

APPLIED MATHEMATICS AND STATISTICS MATHEMATICAL MODELING COMPETITION PRIZE Awarded to the JHU team member whose submission to the international Mathematical Contest in Modeling, sponsored by the Consortium for Mathematics and its applications, is judged to be the best by an AMS Department Committee. Awarded to *Ramanadb Venkata Chivukula* 

ROBERTO R. ARELLANO AWARD For excellence in writing by a Writing Seminars undergraduate Awarded to *Abigail Marie Gibbon* 

LOUIS AZRAEL FELLOWSHIP IN COMMUNICATIONS For demonstrated excellence in a field of mass communications Jointly awarded to Salvatore Julins Gentile Zachary Drew Goodman Patricia Marie Hutton

BIOMEDICAL ENGINEERING DISTINGUISHED SERVICE AWARD For outstanding service to the academic community Jointly awarded to Jai-Seung Richard Choi Kelvin Yu Chung Liang Quresh Abbas Master

JAMES F. BELL AWARD Presented by K.T. Ramesh for outstanding undergraduate research and scholarly achievement in Mechanical Engineering Awarded to David Benjamin Helmer LUCIEN BRUSH AWARD For outstanding academic achievement in Environmental Engineering by a graduating senior Awarded to *Tursina Abdul Rasbid* 

MARY FARRELL CAMERER AWARD For excellence in writing by a Writing Seminars undergraduate Awarded to Danielle Elizabeth Weinberg

THE W. P. CAREY PROGRAM IN ENTREPRENEURSHIP AND MANAGEMENT FACULTY TEACHING EXCELLENCE AWARD Established in 2003, the award aims to recognize one faculty member in the Entrepreneurship and Management Program who inspires, motivates and challenges his or her students to be leaders in their fields. Awarded to *Jack Powell* 

EUGENIO AND PATRICIA CASTILLO AWARD To the best first or second year student in Economics Awarded to *Daniano Sandri* 

CHEMICAL AND BIOMOLECULAR ENGINEERING UNDERGRADUATE RESEARCH AWARD For demonstrated contributions to research in Chemical and Biomolecular Engineering Jointly awarded to *Christopher Michael Hale Thomas Yu* 

CIVIL ENGINEERING AWARD For outstanding achievement by a graduating senior for academic excellence, leadership and service in the Department of Civil Engineering Awarded to *Amelia Parnell Wright* 

#### CIVIL ENGINEERING FACULTY AWARD

Given to a senior for outstanding service and academic achievement in the Department of Civil Engineering. Awarded to *Jessica Leigh Routt* 

JAMES S. COLEMAN AWARD

This award established in 1994 by the Department of Sociology honors Dr. James S. Coleman, the first chair of the department. The award is for outstanding academic achievement by a senior majoring in Sociology and is presented at graduation. Awarded to *Elizabeth Maud Krimmel* 

Computer Science Outstanding Double Major Award

Presented annually to a senior double major for outstanding achievement in combining diverse studies with Computer Science Awarded to *James Stephan* 

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

COMPUTER SCIENCE SPECIAL SERVICE AWARD For outstanding work to benefit the department, Johns Hopkins University and the community Awarded to *Asheesh Laroia* 

COMPUTER SCIENCE OUTSTANDING TEACHING AWARD Presented annually to a student who has demonstrated

outstanding effort and skill in assisting with the teaching of Computer Science courses. Awarded to Zachary Scott PAUL A. C. COOK AWARD To the best all-around Chemical and Biomolecular Engineering student Awarded to *Amanda Lake Pace* 

THE FEDERAL RESERVE BANK OF RICHMOND EXCELLENCE AWARD

This award, from the Baltimore Branch, recognizes a graduating senior who has demonstrated a high level of academic success in the study of economics Awarded to *Lisa Goldstein* 

Robert George Gerstmyer Award

For outstanding undergraduate achievement in Mechanical Engineering Jointly awarded to Lauren Marie Deuk Matthew Michael Jeffrey Christopher Kovalchick

G. STANLEY HALL PRIZE For outstanding achievement by an undergraduate in Psychology Awarded to *Dylan Faulkner Selterman* 

BRUCE HAMILTON AWARD To the graduate student in the Department of Economics who has exhibited the best performance in research workshops Awarded to *Matthew David Raskin* 

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

JACOB FI. HOLLANDER PRIZE For excellence in writing by a Writing Seminars undergraduate Awarded to *Amber Michelle Jenkins*  THE THREE ARTS CLUB OF HOMELAND AWARD For excellence in writing by a Writing Seminars undergraduate Awarded to *Elizabeth Coulter Blackford* 

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

**RICHARD J. JOHNS AWARD** For outstanding academic achievement in Biomedical Engineering Jointly awarded to Rohan RajeevAgrawal Stephanie Liang-Hsien Cha Nicha Chitphadkithai Bejan Michael Darbaudi Sheute Steven Hsu Kelvin Yn Chung Liang Kaustubha Dilip Patil Karthikeyan Ettigounder Ponnusamy Ashkon Shaahinfar William Tsao Prakash Vempati Wilfred Pui-Kong Wong

DONALD E. KERR MEMORIAL MEDAL To the outstanding undergraduate major in Physics and Astronomy Awarded to *Jared Andrew Evans* 

THE MARTIN AND MARY KILPATRICK PRIZE. For outstanding achievement in Chemistry Awarded to *Michael Lanci* 

THE MARTIN G. LARRABEE AWARD For meritorious undergraduate research in Biophysics Awarded to *Jonathan Eric Zuckerman*  THE CENTER FOR LEADERSHIP EDUCATION EXCELLENT TEACHING ASSISTANT AWARD Selection for this award is based on student, faculty and staff evaluations and a clear, demonstrated commitment to supporting our programs and the courses we offer. Awarded to *Natalie Anne Cooper* 

THE EUGENE LEAKE AWARD For outstanding achievement in Homewood Art Workshops Jointly awarded to Mark Beliusky Rachael Lynn Schueider

DANNY LEE AWARD For outstanding undergraduate research in Biomedical Sciences Awarded to *Jessica Tzung-Min Chang* 

GEORGE C. MARSHALL LEADERSHIP AWARD Awarded to the most outstanding graduating senior who has clearly demonstrated those leadership and scholastic qualities that epitomize the career of General George C. Marshall. Awarded to *Katherine Marie Cain* 

ERNEST M. MARKS AWARD In recognition of excellence in instruction and research in Chemistry Awarded to *Amanda Marie Fond* 

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

WILLIAM D. MCELROY AWARD For meritorious research conducted by an undergraduate in the Biological Sciences Awarded to *Samantha Jill Davis*  MECHANICAL ENGINEERING TEACHING ASSISTANT AWARD Awarded to Lawton Northwood Verner

EMILY AND THOMAS MEREN SCHOLAR AWARD Established in 1998 in support of undergraduate students pursuing a BA/MS degree in Neuroscience Jointly awarded to *Panl Vincent Birinyi Thomas James Cusack Heather Mohamed El-Amany* 

THE DISTINGUISHED MILITARY GRADUATE HONOR Awarded by the United States Army Accessions Command. Students who rank in the top 20 percent of the National Order of Merit List developed by the ROTC Accessions OML panel will be designated as Distinguished Military Graduate (DMG) eligible. Jointly awarded to *Katberine Marie Cain Jeremy Robin McCallum Jenna Carolyn Parkinson* 

NATIONAL SOCIETY OF THE DAUGHTERS OF THE AMERICAN REVOLUTION (NSDAR) MEDAL To a member of the graduating class who excels academically, is rated in the top 20 percent of both their platoon and company in ROTC advanced camp evaluation scores, is active in campus activities and athletics, and demonstrates outstanding leadership.

Awarded to Katherine Marie Cain

PRESIDENT'S SABER

The President's Saber is awarded to the ROTC cadet who has made the most significant contribution to the Johns Hopkins University ROTC battahon, and reflects those leadership characteristics required of an Army Officer Awarded to *Garom Patrick Magure*  JHU PRESIDENT'S TROPHY The President'S Trophy is awarded to the ROTC cadet who has made the most significant contribution to promoting the ROTC program at Johns Hopkins University. Awarded to *Patrick James Nordabl* 

THE PROFESSOR OF MILITARY SCIENCE TROPHY Awarded to a member of the graduating class who is recognized by the PMS for his/her demonstrated leadership ability and outstanding achievement. Awarded to Jenna Carolyn Parkinson

CHARLES A. MILLER AWARD Awarded by the Mechanical Engineering Department for outstanding undergraduate achievement Awarded to *Reuben Daniel Brewer* 

#### Michael J. Muuss Research Award

This award, established by the Computer Science Department in 2000 in memory of alumnus Michael J. Muuss '79, is awarded annually to a student who has demonstrated the best application of research to practice. Awarded to *Pauline Mariette Pelletier* 

RESERVE OFFICERS ASSOCIATION MEDAL Presented to a senior Cadet who indicates a desire to become a commissioned officer and pursue a military career. This cadet is in the top 10 percent of their ROTC class and demonstrates outstanding qualities of leadership, moral character and a high aptitude for military service. Awarded to *Alicia Anne Knight*  THE PROFESSIONAL COMMUNICATION PROGRAM FACULTY TEACHING EXCELLENCE AWARD This award is presented for the first time this year to one faculty member in the Professional Communication Program. The recipient of the award demonstrates a clear commitment to teaching and effectively challenges students to become proficient writers and speakers Awarded to *Kevin Dungey* 

ROBERT B. POND SR. ACHIEVEMENT AWARD Awarded to the graduating senior in the Department of Materials Science who best exemplifies Robert Ponds' commitment to scholarly and humane values. Jointly awarded to Mary Elizabeth Anito Kenneth Lin

OUTSTANDING SENIOR AWARD IN PUBLIC HEALTH STUDIES For academic excellence, leadership and service in Public Health Jointly awarded to *Patrick Evan Bogard Claire Ellen Edington Neena Ticku Qsaba* 

MOST DISTINGUISHED THESIS IN PUBLIC HEALTH STUDIES Jointly awarded to Patrick Evan Bogard Satoko Janet Kuramoto

THE CURT P. RICHTER AWARD IN BEHAVIORAL BIOLOGY RESEARCH In recognition of outstanding achievement in the David S. Olton Behavioral Biology Program Awarded to *Angie Ting Wai Wong* 

THE SARAH AND ADOLPH ROSEMAN ACHIEVEMENT AWARD In recognition of outstanding accomplishment in Chemistry Awarded to *Yunbo Lee* 

#### 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 Philip Sheung Yin Tsang

GERARD H. SCHLIMM AWARD Awarded to an undergraduate student for exceptional accomplishments in the field of Civil Engineering. As a longtime Senior Lecturer and Director of the Part-Time and Special Programs at WSE from 1966 to 1994, the late Dr. Schlimm made many contributions to the education of future engineers. Awarded to *Michael James Barnbart* 

JULIAN C. STANLEY AWARD For the undergraduate Psychology major who most closely approximates Dr. Stanley's personal and professional standards of excellence Awarded to *Steven Robert Graham* 

DOLORES AUBREY SULLIVAN AWARD IN PUBLIC POLICY Presented to the Master of Arts in Public Policy students who best exemplify Dee's indomitable spirit, unfailing dedication to excellence, and the Institute's mission to bring the best information to bear on public policy problems. Jointly awarded to Lauren Michele Eyster Iryna A. Vidanava

J. J. SYLVESTER AWARD For outstanding achievement by a senior in Mathematics Jointly awarded to *Ryan Basil Jawad Tiffany Nicole Tasky*  ROBERT W. TUCKER AWARD For the most distinguished senior thesis in International Studies Jointly awarded to Sam Seungbyo Baek Michelle Brown

JULIUS TURNER PRIZE For the most distinguished senior thesis in Political Science Jointly awarded to *Jessica Beaton Nina Hagel* 

JOHN BOSWELL WHITEHEAD AWARD For outstanding achievements by an undergraduate in Electrical Engineering Awarded to *Marius Kwong* 

JOHN BOSWELL WHITEHEAD AWARD For outstanding achievements by an undergraduate in Computer Engineering Jointly awarded to *Cassius Kirkpatrick Sims Kevin Chengzi Zhu* 

LOY WILKINSON AWARD For demonstrated record of academic excellence, leadership and service in Chemical Biomolecular Engineering by a graduating senior Awarded to *Stephanie Koontz* 

## The Peabody Conservatory of Music

CLARA ASCHERFELD AWARD in Accompanying Awarded to *Hui-Chuan Chen* 

MARIAN B. AND SAMUEL BERNSTEIN MEMORIAL PRIZE in Opera Awarded to *Lucas Tannous* 

MARTHA AND WILLIAM BILL MEMORIAL PRIZE in Woodwinds: Clarinet Awarded to *Melany Felsen*  GEORGE CASTELLE MEMORIAL AWARD in Voice Jointly awarded to Erin Brittain Elspeth Davis Sarab Davis Catherine Green Sarah Hershman Erin Riley Michelle Seipel Laura Strickling

ISRAEL DORMAN MEMORIAL AWARD in Strings Awarded to *Robin Massie* 

ANITA ERDMAN AWARD in Opera Awarded to *Toni Palmertree* 

PAULINE FAVIN MEMORIAL AWARD in Piano Jointly awarded to *Hee-Yonn Chove Charles Halka Ching-Hsuan Ln* 

RICHARD FRANKO GOLDMAN PRIZE in Performance Jointly awarded to Nathan Bark Grace Johnson Daniel Marcellns Jacqueline Pollauf Elizabeth Robinson

LILLIAN GUTMAN MEMORIAL PRIZE in Piano Awarded to *Christine Kim* 

LYNN TAYLOR HEBDEN PRIZE in Performance Awarded to *Dominique Patterson* 

SIDNEY JENSEN MEMORIAL PRIZE in Woodwinds: Clarinet Awarded to *Kristen Spiridon* 

JOSEF KASPAR AWARD in Strings: Violin Awarded to *Christopher Kovalchick*  GUSTAV KLEMM AWARD in Composition Awarded to *Chris Gainey* 

JAMES WINSHIP LEWIS MEMORIAL PRIZE in Organ Awarded to *Tandy Edward Dix* 

LILLIAN MANN PRIZE in Voice Awarded to *Caitlin Donovan* 

OTTO ORTMANN AWARD in Composition Awarded to *Ying-Chen Kao* 

GRACE CLAGETT RANNEY PRIZE in Chamber Music Awarded to Sonya Chung

GULEN F. TANGOREN, M.D., AWARD for Vocal Excellence in Opera Awarded to *Jessica Medina* 

J.C. VAN HULSTEYN AWARD in Strings: Violin Jointly awarded to Jessie Irons Jiyoon Kim Carey Lewis

OLGA VON HARTZ OWENS MEMORIAL PRIZE in Strings Awarded to *Go Enn Park* 

ANNIE WENTZ PRIZE in Voice Awarded to *Natalie Conte* 

FRANCES W. WENTZ TURNER MEMORIAL PRIZE in Piano Awarded to *Josepb Satava* 

GEORGE WOODHEAD PRIZE in Voice Jointly awarded to Jenni Bank Jason Bnckwalter Mattbew Heil Peter Wen-Chib Lee Joseph Regan SARAH STULMAN ZIERLER PRIZE in Accompanying Awarded to *Aimo Pagin* 

#### The School of Nursing

EMMA JONES BECKWITH CULLEN AWARD In recognition of the highest standards of nursing practice and executive ability Awarded to Neysa P. Ernst

ELEANOR WADE CUSTER AWARD To a student who most successfully demonstrates initiative and creativity in improving the health of a community with sensitivity to one's fellowman Jointly awarded to Julie Elizabeth Frodyma Rebecca Lanren Lozman

BETTY CUTHBERT AWARD To a student who demonstrates outstanding commitment and service to nursing and the University Jointly awarded to Bryce Ward Clark Tyler Van Zandt Cornell

MARY AND GRAINGER MARBURG AWARD In recognition of a student who consistently exhibits outstanding clinical nursing expertise Awarded to *Kitty In Kay Poon* 

ROBERT G. MERRICK AWARD To a student demonstrating outstanding leadership in the field of nursing Jointly awarded to *Cbristopber Thomas Reed Mary Lamar Snllivan* 

RUTH DALE OGILBY AWARD In recognition of exceptional academic performance in the Master's program Jointly awarded to SiewLee Cheng Cherie Ann Fnlk Valencia N. McCree EDNA SCHOEN MEMORIAL AWARD To a student demonstrating excellence in clinical practice Jointly awarded to *Megan Dawn McMillan Amber Marie Parks* 

JOAN SUITON AWARD To a student demonstrating a strong dedication to professional nursing, clinical excellence and interdisciplinary practice Jointly awarded to *Jacqueline Marie Wabl Lori Anne Watkins* 

ACADEMIC EXCELLENCE AWARD To a student whose academic performance has been judged to be outstanding Jointly awarded to *Cambria R. Fast Katelyn Megban Greenwood Cara Gutterman Aya Sato-DiLorenzo* 

LEADERSHIP AWARD To a graduate nursing student demonstrating outstanding leadership in the field of nursing Jointly awarded to *Tykise LaJnan Hairston Jamie Lynn Mignano Amanda Elizabetb Slagle Tina Maria Tolson* 

RESEARCH AWARD To a student demonstrating intellectual curiosity and creativity in nursing research Jointly awarded to *Katilin Zoe Haws Colleen Elizabeth Kenned Corrie Ann McKeen* 

THE CHURCH HOME AND HOSPITAL NURSING ALL VINAE AWARD Recognizes a student who best exemplifies a humanistic approach to nursing while integrating the art, science and the spirit of nursing Jointly awarded to *EunJoo An Lanra Marie Jansen*  THE JOHNS HOPKINS NURSES' ALUMNI ASSOCIATION AWARD Recognizes a student whose leadership ability is combined with clinical competence and an inquiring mind Jointly awarded to Mary Jo Leonbardi Dokter Erin Margaret Wright

THE JOHNS HOPKINS NURSES' ALUMNI ASSOCIATION AWARD To a graduate student demonstrating expertise in professional nursing practice and patient centered health care delivery Jointly awarded to Demetra Bastas Colleen Ann Blongh

#### SIGMA THETA TAU NU BETA CHAPTER AWARD

To a graduate nursing student in recognition of superior academic achievement, creative scholarship and research Jointly awarded to Emily Marie Beck Diane Elaine McFadden

THE SINAI NURSES' ALUMNAE ASSOCIATION OF SINAL HOSPITAL, INC. Recognizes a student who exhibits enthusiasm, compassion and a positive approach to problem solving in nursing Jointly awarded to Jennifer Kaye Allard Kristen Margaret Cole Tiffany Michelle Angela McFarlane

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 Rona Deniro Corral

#### The School of Professional Studies in Business and Education

BACHELOR OF SCIENCE IN INTERDISCIPLINARY STUDIES AWARD IN COMMUNICATIONS For outstanding academic endeavors in the undergraduate programs Awarded to Janelle Renee Duttenboffer

BACHELOR OF SCIENCE IN INTERDISCIPLINARY STUDIES Award in Humanities For outstanding academic endeavors in the undergraduate programs Awarded to Katie Kavanagh O'Neill

DEAN'S AWARD FOR SUSTAINED EXCELLENCE Awarded to Caroline Ford Bennett

Delta Sigma Pi Scholarship KEY

In the Division of Business and Management for the highest grade point average in the undergraduate program. Awarded to Shannon Diane Hagy

INFORMATION SYSTEMS AWARD To an undergraduate with the highest GPA in the field of Information Systems Awarded to Gene David Gallaber

DIVISION OF PUBLIC SAFETY LEADERSHIP AWARD Awarded to Brenda Barney

#### STEGMAN AWARD Presented to students who graduate with a 4.0 grade point average and receive a Master's Degree from the Graduate Division of Business and Management Jointly awarded to Socrates Scott Awar Kathleen McCully Bakke Frank M. Carpenter Jr. Tracy Lynn Chapman

Joy Weisberg Goldman

Susan Marie Hunsberger

Laura Marie Loffler Rafael 7. Mael **7**oe Marshall Hayder Ali Mir John Mason Parrish Vladimir Polyakov Scott Michael Stein Sean Ryan Swift Manra Elizabeth Ashby Walden Linda Lee Yost

ALAN THORMEYER AWARD Awarded to a FlexMat student in the Department of Teacher Preparation who exemplifies the spirit and dedication of its namesake. Following a distinguished career as an educator in Maryland, Mr. Thormeyer was a senior faculty associate who served as an adviser and instructor for many years in the Master of Arts in Teaching program. His impact on teachers in Maryland has been profound. The award is based upon the recommendations of university and school personnel, as well as the recipient's scholarship and commitment to teaching. Awarded to Kara A. Kearney

DIANE TOBIN MEMORIAL AWARD Awarded annually to an outstanding alumna/us in education and to an outstanding student Jointly awarded to Candice Abd' Al-Rahim, Master of Arts in Teaching, 2005 Scott Hndnor; Master of Arts in Teaching, 2002 Mary Goins Nesbitt, Master of Science in Education, 2006

### WALL STREET JOURNAL AWARD In the Division of Business and Management for outstanding scholarship in the undergraduate programs and exceptional promise of future success.

Awarded to Dennis Keith Williams

#### The School of Medicine

THE HARVEY CUSHING MEDICAL STUDENT HUNTERIAN RESEARCH AWARD This award is presented by the Department of Neurosurgery to a medical student who has demonstrated aptitude, dedication and achievement in neurosurgical research and who shows promise for a career in neurosurgery. Awarded to Pablo Fernando Recinos, 2005-2006

THE HENRY STRONG DENISON SCHOLARSHIP The Henry Strong Denison Fund for Medical Research in memory of Henry Strong Denison, M.D., 1908, is used for the specific purpose of aiding in the training for research of young people deemed by the Medical Faculty to be especially gifted for a career in medical investigation Jointly awarded to Neela Dasgupta, 2004–2005 Michael Richard Grunwald, 2003-2004 Rani Khalil Hasan, 2003-2004 and 2004-2005 Ilya Michael Leyngold, 2003–2004 Elaina Ewei Lin, 2004-2005 Shan Mohammed Raza, 2004-2005 Joshna Gnenter Schkrobowsky, 2004-2005 7nlia E. Tzn, 2003-2004 Theresa Yen Hni Wang, 2003-2004 and 2004-2005

#### PAUL EHRLICH RESEARCH AWARDS

The Paul Ehrlich Awards were established to honor Dr. Paul Ehrlich with funding originally granted by Dr. Emmanuel Libman. The awards, which recognize student research contributions, are presented each year at Young Investigators' Day Jointly awarded to Yanhna Hnang, 2004–2005 Shin Lin, 2004–2005 Tao Wang, 2005-2006 Shengin Yao, 2005-2006

THE SOL GOLDMAN AWARD The Sol Goldinan 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. Jointly awarded to Amy Laura Huberman, 2005-2006 Robert John Stenger, 2005-2006

THE HAROLD LAMPORT BIOMEDICAL RESEARCH PRIZE The memory of Dr. Harold Lamport, a distinguished investigator, is honored by this prize established by the Lamport Foundation. The prize recognizes research contributions. Awarded to *Nabyoung Grace Lee*, 2004-2005

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

2004-2005

## THE FRANKLIN PAINE MALL AWARD

The Franklin Paine Mall Award for outstanding performance in the first year medical curriculum was established by Dr. Miley B. Wesson, an alumnus of the School of Medicine. This award is given in the name of Franklin Paine Mall, the first professor of Anatomy in the School of Medicine. Awarded to *Amy Laura Huberman*, 2002–2003

#### 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 *Yingfeng Qiao*, 2005–2006

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 Ph.D. 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 Ph.D. candidate in the School of Medicine. Awarded to Maria Luisa Cochella, 2004-2005

THE HARRY C. SALTZSTEIN PRIZE FOR MEDICAL WRITING This prize was established in 1990 by the family of Dr. Saltzstein, a 1914 graduate of The Johns Hopkins University School of Medicine, to recognize his lifelong interest in medical writing. The award is given to that student who has exhibited excellence in medical writing as judged by a faculty committee. Awarded to *Neela Dasgupta*, 2004–2005

#### THE METTE STRAND

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

David Maag Jr., 2004–2005 Chih-Ying Su, 2005–2006

THE NUPUR DINESH THEKDI RESEARCH AWARD This award was established in 2002 to honor the memory of Nupur Dinesh Thekdi, an M.D./Ph.D. student in the School of Medicine from 1996 until his untimely death in 2001. The award was made possible by the generous contributions of his family and friends and is given to honor outstanding research contributions inade by a student in the School of Medicine. Awarded to Rowena McBeath, 2003-2004

#### The Bloomberg School of Public Health

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

THE DAVID AND PATRICIA BERNSTEIN SCHOLARSHIP To an outstanding Master of Public Health student Awarded to Laura Jane Sauve

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 *Jennifer Carole Moisi* 

RUTH B. AND J. DOUGLAS COLMAN SCHOLARSHIP To an outstanding preventive medicine resident Jointly awarded to Stephen A. Haering Jay Daniel Parkinson

LOUIS I. DUBLIN AND THOMAS D. DUBLIN FUND for the Advancement of Epidemiology and Biostatistics To recognize a student at the interface of Biostatistics and Epidemiology at the School Awarded to James Morel Symons IV

JANF AND STEVE DYKACZ ENDOWMENT FUND in Medical Statistics To a student whose research fosters biostatistical research and practice to advance our understanding of human health and disease Awarded to *Brian Lee Egleston*  THE FELLOWSHIP IN FAMILY PLANNING AND REPRODUCTIVE HEALTH To an outstanding student working in the area of family planning and reproductive health Awarded to *Li Liu* 

THE GENERAL PREVENTIVE MEDICINE RESIDENCY FUND To an outstanding general preventive medicine resident Jointly awarded to *Peter Thomas Troell Glemn Bruce Grimes Vanderver* 

THE GLAXOSMITHKLINE PREVENTIVE MEDICINE RESIDENCY SCHOLARSHIP To an outstanding preventive medicine resident Awarded to *Wendy Elizabeth Braund* 

THE HOWARD C. AND JANE R. GOODMAN FUND To an outstanding Master of Public Health student Awarded to *Sachin Rambhai Patel* 

THE HAROLD AND SYLVIA HALPERT ENDOWMENT FUND To recognize achievement and potential to contribute to the field of mental health Awarded to *Rajeev Ramchand* 

THE C. ESTHER AND PAUL A. HARPER AWARD IN POPULATION AND FAMILY HEALTH SCIENCES To a graduating student in Population and Family Health Sciences to recognize academic excellence and achievement Jointly awarded to *Yong Li* Mary Elizabeth Shepherd 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 *Christina Veloso Cardemil* 

THE JOHN C. HUME FUND for academic excellence and promise in a Master of Public Health student Awarded to *Hassan Muhammad Shihab* 

KAZUYOSHI KAWATA FUND To an outstanding student in the sanitary engineering program in the Department of Environmental Health Sciences Awarded to *Jinhee Bae* 

THE MORTON KRAMER FUND for the Application of Biostatistics and Epidemiology in Research on the Prevention and Control of Mental Disorders Awarded to an outstanding doctoral student dedicated to advancing knowledge of the epidemiology and prevention of mental disorders Awarded to *Andrea Leigh Stone* 

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

THE MARGARET MERRELL FUND To a Biostatistics doctoral student in recognition of outstanding research Awarded to *Hormuzdiar Aspandiar Katki*  ENDOWED SCHOLARSHIP To a student whose interests, research and career plans are focused on improving the health and saving lives of mothers and children Awarded to *Lindsey Jeanne Reynolds* 

DAVID PATON SCHOLARSHIP To an outstanding general preventive medicine resident Awarded to *Glenn Bruce Grimes Vanderver* 

#### THE WATT/HANSELL

ENDOWMENT To support cross-training at the School of Public Health and the School of Medicine Jointly awarded to Matthew David Burkey Mark Jacob Siedner

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

WILLIAM C. FOSTER AWARD To a second-year student for sound scholarship and a record of leadership and distinguished service to SAIS exemplary of the high qualities of integrity, loyalty and ability admired in Mr. Foster Jointly awarded to *Karen Powers Sunita Varada* 

CHRISTIAN A. HERTER ACADEMIC AWARD To a member of the secondyear class with the most outstanding record during the first year Awarded to *Kannan Aashray* 

## HONOR SOCIETIES

#### Phi Beta Kappa

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

FROM THE SENIOR CLASS IN THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES ELECTED IN 2006

Jeffrey Joshua Anwar Seung Hyo Baek Anshuman Kumar Bansal Hatice Basdag Paul Vincent Birinvi Elizabeth Coulter Blackford Matthew Jerome Brinker Warner Johnson Brown Katherine Marie Cain John Carl Carter Jessica Tzung-min Chang John Yeh-Heng Chien Veena Choubey Hilary Beamer Christian Andrea Lauren Christman Jesse Arthur Contovasilis Blair Christophe Raymond Dancy Ronak D. Desai Audrey Joern DiMauro David Dittell **Claire Ellen Edington** Lael Joy Ensor Edward Torsten Esborn Jared Andrew Evans Farnaz Faiaz Alice Mary Gahbauer Abigail Marie Gibbon Lisa Nicole Goldstein

Steven Robert Graham Vadim Gretchouchkin Nina Marie Hagel Kyra Brielle Halperin Erin Courtney Hantman Tyler Hutchison Harris Jennifer Erika Heckman Laura Gilbert Hollingsworth Gabriel Sean Harris Hopkins Catherine Christine Horn Joanna Su-Ting Hsu Robert David Huang Stephanie Sylvia Hwang Hallie Marie Jackson Ryan Basil Jawad Natalia Jimenez Bryan James Kaminski Kenneth Nelson Kanara Daniel B. Kaplow Kenneth Norman Kay Gregory Charles Kearns Michael Joseph Kelly-Sell Irene April Kim Benjamin Swain Kingsland Alexandra Paulina Koegel Nita Neubert Kumaraswami Caitlin Regina Kunkel Benjamin Stanley Kunsberg Madeline Li Kunsberg Matthew Robert LeBoeuf John Brian LeGall Allison Wei-Sum Leung Talia Eckland Levy Mark Wei Lin Joseph Terrence Lo Galbo Jeffrey Evan Markowitz Maria Paula Marsh Jeremy Robin McCallum Katherine Loni McDonough Ellen Catherine Minnihan George Molina Ann Christy Monahan Vicky Moy Michael George Mueller Sandya Sobha Nair Venkatesan Natarajan Laird Elizabeth Nelson Elizabeth Anne Ordun Sunhee Park Jenna Carolyn Parkinson Priyesh Rashiklal Patel Colby Elizabeth Perkins Rachel Ann Ploskonka Neena Ticku Qasha

Aditya Rachakonda Jeffrey John Recher Jennifer Mary Regan Fareed Rahman Rivaz Meighan Margaret Roose Christopher Francis Russell Stephen Gideon Sandford Rachel Ann Sanford Sarah Ann Schaffer Rachel Lynn Schneider Nicole Marie Seltman Aalap Chandrakant Shah Jasper Yu-Hon Shen Kristin Lyn Stepaniak Kendra Gayle Stratton Vijay Raj Sudan Diana Wan-Chin Tang Tiffany Nicole Tasky Leslie Burton Theibert Luis Miguel Ticona Susumu Tomiya Blake William Trettien Robert Yabon Velasco Marco Diego Vitto Ashleigh Jo White Angie Ting Wai Wong Edmond Charles Wybaillie Andrew Rong Song Tzeng Yang Ionathan Eric Zuckerman

FROM THE SENIOR CLASS IN THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES ELECTED IN 2005

Christopher D. Chan Judy Yeoujwu Cheng Travis Meredith Crum Samantha Jill Davis Juliana Marie Galan Jonathan Alexander Godin Zane Erik Hamilton Amber Michelle Jenkins Christina Soojin Kim Lydia Lois Rieck Ashlyn Marcia Schniederjans Anjuli Mari Singh Anna Elizabeth Traverse Danielle Elizabeth Weinberg FROM THE SENIOR CLASS IN THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES ELECTED IN 2004

Katherine Page LeFevre Stephanie May Mak Jeffrey Saul Rosenberg Kathleen Erin Singles Jason Tien

FROM THE PH.D. CANDIDATES IN THE ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES

Sarah Louise Barker Binquan Luan Guruvasuthevan Ramasa Thuduppathy

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

Fan Li Rongheng Lin Ching Ging Ng Efrat Shadmi Christine Anna Szekely

FROM THE PAUL H. NITZE SCHOOL OF ADVANCED INTERNATIONAL STUDIES

Ilya Bourtman Justin Thomas Bristow Jonathan Phaff Raviv Erin Marie Simpson

FROM THE M.D. CANDIDATES IN THE SCHOOL OF MEDICINF

John Daniel Clinger Mark Douglas Ebert James Richard Harkness Amy Laura Huberman

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

Amy Ellen Chew Maria Luisa Cochella Yanhua Huang Lifang Mao Yingfeng Qiao Chih-Ying Su Shenqin Yao

#### Woodrow Wilson Undergraduate Research Fellowship Program

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

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

Michelle L. Browne Angela Chen Travis Crum Thomas J. Cusack Edward Torsten Esborn Abigail Gibbon Joseph Alexander Hood Kenneth Kay Sarah Kelley-Spearing Elizbeth M. Krimmel Rui Lu Ashlyn Marcia Schniederjans Archana Shah Zirui Song Anna Elizabeth Traverse Daneille E. Weinberg Lily Zou

#### Tan Beta Pi National Engineering Honor Society

FROM THE SENIOR CLASS IN THE G.W.C. WHITING SCHOOL OF ENGINEERING

Tursina Abdul Rashid Rohan Rajeev Agrawal Alexander William Aleem Michael Kun Ha An William Eugene Bishop Elizabeth Ann Brackbill Candace Elizabeth Brakewood Joshua David Braverman Reuben Daniel Brewer Stephanie Liang-Hsien Cha Terry Hiu Wai Chan Yee Wai Chan Nicha Chitphakdithai Ramanadh Venkata Chivukula John James Chua-Tuan Ian Michael Corcoran-Schwartz Bejan Michael Darbandi Lauren Marie Denk Julie Lynn Flannery Tristan Charles Flanzer David Benjamin Helmer Weina Hou Shente Steven Hsu Benjamin Gody Jackson Matthew Michael Jeffrey Gregory Michael Kapp Robert Karmazin Christopher Kovalchick Emily Katherine Kumpel Alice Chuan Li KelvinYu Chung Liang Joyce Weilly Lin Zhuo Liu Olivia YanYan Mao Kevin Dongsun Oh Wei Ouyang Kaustubha Dilip Patil Greenfield Spenceley Pitts Karthikevan Ettigounder Ponnusamy Yue Rosa Oi Sudip Kumar Sahz Ashkon Shaahinfar Jamie Berta Spangler James E. Stephan Nattavadee Temkasem Rvan Beecher terMeulen Parnduangjai Theprungsirikul Philip Sheung Yin Tsang William Tsao

Prakash Vempati Dennis Whang Wilfred Pui-Kong Wong Amelia Parnell Wright Eugene Tong Wu Kevin Chengzhi Zhu

#### 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:

Emilie Jean Brondyke Calvello John Daniel Clinger Anthony Ralph Cukras Iordan M. Cummins Neal Workman Dickert Jr. Kerry Lynn Dierberg Daniel James Durand Mark Douglas Ebert Jessica Marie Ghaferi Christine Marie Haggerty James Richard Harkness Amy Laura Huberman Zayna Sarah Nahas Cynthia Michelle Oberto Ashley Evan Ross John Gabriel Schneider Megan Marie Tschudy

#### Delta Omega National Public Health Honor Society

Donald Hayes Arnold Nyasha Dorothea Bakare Cynthia Ruth Barrigan Rebecca Danielle Barson Ameena Batada Barbra Rebecca Bell Sima Theresa Maria Berendes Sonja Ingrid Berndt David Birnbach Gerd Bobe Cristina Veloso Cardemil Ion Martin Casbon Kerri Cavanaugh Grace Jean-Yee Chan Caren Jean Chancey **Robert Bryan Conley** Elizabeth Lee Daugherty Neal Workman Dickert, Jr. Erin Kyle Dreyling Lisa Dubay Cynthia Elaine Fisher Erin Chiyoko Fuse Brown Peter Christopher Gregg Lori Ann Hamby Steven Andrew Harvey Haruo Hashimoto Ruben Hernaez Rodriguez Hui-Shan Jenny Hsu Sarah Elizabeth Irwin Donald Wayne Jenkins Sara Burr Johnson Cecilia Park Johnston Erica Nicole Jones Lindsay Kim Michelle Maya Kittleson Alexander Headley Krist Jonathan Nahm Kromm Yung-Ting Katherine Kung Dennis Zane Kuo Kimberly Lynn Levinson Daniela Lewy Andrew John Lundeen Erin Elizabeth McCarville Meredith C. McCormack Jennifer Anne McIntosh Jeffrey M. Melin William Schubert Mezzanotte Allisyn Carol Moran Elaine Hornberger Morrato Shaun K. Morris Angela Kagwiria Muriithi Christopher Keith Nathasingh Jill Allison Nogi Erika Gurmai Olson Rajesh Ramesh Panjabi Anjali Tripathi Pant Sylvia Yunhee Park Kamal Patel Zeenat Patel Varduhi Petrosyan Keshia Marie Pollack April Lynn Puscavage Deborah Michelle Quint Lindsev Jeanne Reynolds Yamini Sarwal Daniel Curtis Schainholz Snehal N. Shah

Mary Elizabeth Shephard Chuck Chau-kai Shih Barbara Basuk Ship Mark Jacob Siedner Randi Nicole Smith Stephanie Yvonne Smith Abigail Lambert Thomas Jennifer Elizabeth Thorne Jessica Grace Tytel Nsikak Jarlath Umoh Jason Lyell Vassy Lynn Marie Wachtman Susan Jane Zieman

#### Sigma Theta Tau Nn Beta International Honor Society of Nursing

The following Graduate Students have been elected to Sigma Theta Tau:

Deborah L. Apostol Rona Deniro Corral Jill Antoinette Crank Sharon L. DeMarco Hillary Jordan Drumm Christina Marie Fusco Regina Maryann Greco Annika Hawkins Sophia Li-shin Hsu Jennifer Lynn Inzer Ejeanee Denise Quéen Ansu Mary Kuruvilla Therese Cecile Menez Jocelyn C. San Mateo Melinda Dale Sawyer Claribel Linda Sawyerr Christina Lee Ling Tom Lai Sze Wong

The following Undergraduate Students have been elected to Sigma Theta Tau:

Ginger Cherie Abney Jennifer Kaye Allard Lisa Beth Arvine Anne Kiley Bacon Julie Ann Bauder Elizabeth Patton Bayne Lindsey Elizabeth Bischel Robin Louise Blendell Claire Rose Bleymaier Brenda Lynn Blunt Angela Faith Brubaker Lindsay Cobb Carter

Christina Eva Cartier Bryce Ward Clark Jacqueline Ann Coleman Tyler Van Zandt Cornell John Thomas Costo Aaron D. Crowther Maricris Bertolano Dacumos Nicole Mae deButts Minette M. del Castillo-Unson Mary Jo Leonhardi Dokter Nevsa P. Ernst Erin Elizabeth Fitzpatrick Leah Victoria Gamello Susan Wood Goodall Katelyn Meghan Greenwood Nancy Marie Gruber Cara Gutterman Kelly Meredith Hagner Nathalie Harmoush Rayanne Elizabeth Harris Danielle Marie Hastings Nadia Irani Laura Marie Jansen Olga Jerinic Sheramy Joy Kahalas Claudia Franziska Keller Anita Jane Kellogg Alicen Beatrice Kershaw Mital R. Khatri Stacy Jennifer Kreger Whitney Alexandra Lawton Linnenbringer Katie Lee Lengyel Susan Lopez De Palma Anna Partridge Lovejoy Penny Middleton Lucas Colleen Christine Lue Margaret Frances Malleis Sara Marie Marcy Kristina Marie Massey Emily R. McGlashon Melissa Ann Merdinger Eileen Patzke Montgomery Wanda Oliveros Janet R. Orlin Jacqueline Kay Pareso Kitty In Kay Poon Stacia Anne Potempa Emily Anne Rainshur Anna Rausch Christopher Thomas Reed Jaime Erin Richardson Kristen Ann Rodrigue Janeen Aleja Rojas Meuy Sio Saechao Aya Sato-DiLorenzo

Megan Drue Sauvager Debra Klima Shissler Sara Ann Silberschatz Anne-Marie Somerville Stephanie E. Song Johanna C. Stifling Mary Lamar Sullivan Asha Lata Swarup Virginia Leah Syptak Melissa Kim Trout Maria S. Tsekouras Rachel Ericka Ungar Kimberly Starr Waldrep Erin Colleen Walsh Kathleen Ruth Watkins Lori Anne Watkins Glenda Weitz Kathryn Breann Wetzel Jocelyn Ann Whitson Julie Ann Widenhouse Cassidy Anne Zappacosta

#### Honor Societies for the School of Professional Studies in Business and Education

#### Alpha Iota Mu

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

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

Michele Renee Banks Debra Suzanne Barrow Anitha Chandran Tracy Lynn Chapman Kamal K. Dhingra Joseph Drasin Stephen Charles Gaede Henry George Harbinson Kenneth Lyle Hein Aung Htein Susan Marie Hunsberger Timothy Charles Jock Duane Kwesi Jones Charles Eric Koch Peter E. Magnaye Holly Lynne McKinley Gavin S. McPhail Hayder Ali Mir Bakkiyalakshmi Murugabaskar Hang Le Diem Nguyen Tomas Edwardo Perez Vladimir Polyakov Scott Philip Rempel Amy Joan Robbert Brian R. Rosenstock Thelma Epua Apeduwa Sam John William Schubert, Jr. Scott Michael Stein Bryan Gregory Stepp Patricia Gail Strayer Justin Seth Stuparitz Mark Preston Sunderland Marc Christian Svendsen Sean Ryan Swift Wen-Shuan Tseng Andrew J. Whitmore David B. Wooding

#### Alpha Sigma Lambda

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

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

Anne-Elizabeth Albinak Yedidiah D. Bader Janelle Renee Duttenhoffer Peppi L. Faulk Katie Kavanagh O'Neill Dennis Keith Williams

#### Delta Sigma Pi

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

The following member of the graduating class is a member of Delta Sigma Pi:

Kevin Clarence Crysler

## STUDENT HONORS

#### General University Honors

General University Honors were determined at the end of March, 2006, 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 the spring 2006, semester will have that notation placed on their final transcripts.

## The Zanvyl Krieger School of Arts and Sciences

#### Baccalaureate Candidates Graduating with General Honors

Emilie Sara Adams Kunal Agarwal Daniel Youngjin Ahn Paul Carlo Angelini Jeffrey Joshua Anwar Paige Alexandra Armstrong James Johnathan Attra David Oliver Avruch Michael Christopher Aynardi Seung Hyo Baek Anshuman Kumar Bansal Michael Anthony Barrasso Basak Basdag Hatice Basdag Amanda Gail Benedetto Carly Suzanne Benner Joseph Ryan Benson Emily Robyn Berkeley Paul Vincent Birinyi Elizabeth Coulter Blackford Ilya Bourtman Shelby Ariella Boxenbaum Alexander Lamb Bradley Jessica Rose Brandt Tara Alyssa Brennan Matthew Jerome Brinker Justin Thomas Bristow Warner Johnson Brown Abby Lou Burch Kimberly M. Buxton Katherine Marie Cain Lori M. Calabria Joaquín Q. Cámara-Quintana Jeremy Hilliard Canade Jennifer Carreto John Carl Carter Stephen James Cella Kateri Helena Hermione

Chambers Christopher D. Chan Jennifer Jiwen Chang Rebecca Kuo-Yu Chao Amy Xiaozhe Chen Angela Chen Kathryn Kecheng Chen Chui Ha Cheng Judy Yeoujwu Cheng John Yeh-Heng Chien KyungSik Kyle Choi Veena Choubey Hilary Beamer Christian Andrea Lauren Christman Jeremiah Yong Chung Anthony Chung-Kai Chyou Maria Rosa Cirincione Rita-Marie Clemente Nina Louise Colon-Merlo Jesse Arthur Contovasilis Darryl Elizabeth Conway Patrick Dermid Cooney Natalie Anne Cooper Christopher James Corces-Zimmerman Travis Meredith Crum Blair Christophe Raymond Dancy Swetha Bindu Dasari Samantha Jill Davis Jessica Anne de Leon Ronak D. Desai Audrey Joern DiMauro Carolyn Marie Dinsmore David Dittell Irene Eun-Hye Dokko Ashley Meredith Dorn Elysha Lynn Dubin Katherine Meaghan Dunne Andrea Emerson Dunuwila Claire Ellen Edington Renee Keiko Egusa Alexander John Eizenberg Heather Mohamed El-Amamy Laura Suzanne Elgort Lael Joy Ensor Edward Torsten Esborn Stephanie Teresa Espinal Emily Vigland Ethridge

Jared Andrew Evans Farnaz Faiaz Jason Michael Farber Andrew Nathan Farkas Benjamin H. Frazer Aleksandra Fridman Leah Emily Friedman Alice Mary Gahbauer Juliana Marie Galan Catherine Sue Gallagher Saul Evan Garlick Jaya Naomi Ghildiyal Abigail Marie Gibbon Kimberley Kay Gibson Mindy Sungmin Gil Manbaj Singh Gill Marga Rosalyn Glasser Jonathan Alexander Godin Iennifer Ashley Goebel Lisa Goldstein Prasra Gomutputra Iosé Luis Gonzalez Steven Robert Graham Vadim Gretchouchkin Josh Aaron Grischkan Toby William Gruszewski Abha Gupta Alka Gupta Nina Marie Hagel Kyra Brielle Halperin Zane Erik Hamilton Francesca Claire Hansen Erin Courtney Hantman Tyler Hutchison Harris Jennifer Erika Heckman Katherine Elizabeth Hekman Katie Jean Herbst Elizabeth Alix Hodes Laura Gilbert Hollingsworth Marielle Christina Holmblad Joseph Alexander Hood II Gabriel Sean Harris Hopkins Grant Howard Hopkins Catherine Christine Horn Anne Wallace Howard Joanna Su-Ting Hsu Robert David Huang Stephanie Sylvia Hwang Omar Shaher Itum Hallie Marie Jackson Nisha Natesan Jambulingam Ryan Basil Jawad Amber Michelle Jenkins Natalia Jimenez

Robert Alan Johnson Melissa Lynn Jordan Elizabeth Mihyun Jung Bryan James Kaminski Kenneth Nelson Kanara Daniel B. Kaplow Kenneth Norman Kay Gregory Charles Kearns Michael Joseph Kelly-Sell Patrick William Kerns Christina Soojin Kim Daniel Ajoun Kim Ho-Sung Kim Irene April Kim John Shinn Kim Benjamin Swain Kingsland Eric Lee Kiung Angela Meng Ko Alexandra Paulina Koegel Claire Elise Koehler Amber Colleen Kopp Nina Vladimirovna Kouprina Perri Suzanne Kraus Steven Adam Krawitz Elizabeth Maud Krimmel Nita Neubert Kumaraswami Caitlin Regina Kunkel Benjamin Stanley Kunsberg Madeline Li Kunsberg Satoko Janet Kuramoto Siu Kit Lam Jessica Dale Larrabee Sarah Elizabeth Lash Jonina Sera Lasser William Wytold Lebing Matthew Robert LeBoeuf John Koufman Leckie Meaghan Ashley Leddy Burm Han Lee Ian C. Lee Jessica Marie Lee Justin C. Lee Katherine Page LeFevre Elisabeth Marie Lessenich Allison Wei-Sum Leung Francesco Alfred Leuthold Kenneth Herzl Levin Talia Eckland Levy Aaron Hugh Levy-Forsythe Conrad Li Jerry Liang Joseph Emmanuel Lin Mark Wei Lin Kate Lauren Lipka

Joseph Terrence Lo Galbo Elaine Kayuki Lou Rui Lu Alexandra Christine Lunt Daniel A. Luperchio Gavin Patrick Maguire Stephanie May Mak Anna Maria Maletta Jeffrey Evan Markowitz Alexander Matthew Marmar Maria Paula Marsh Marcelin Mathew Thomas Peter McBride Jeremy Robin McCallum Monica Joyce McDonough Meghan Reeves McIntosh Diana Christine Miller Ellen Catherine Minnihan Calvin Fong Moh George Molina Ann Christy Monahan Caitlin Eleanor Morris Babak Mostaghimi Vicky Moy Michael George Mueller Eric Adam Naftel Sandva Sobha Nair Venkatesan Natarajan Laird Elizabeth Nelson Christal Wenyan Ng Mark Christopher Nicastre Maia Marie Noeder Katherine Anne O'Callaghan Jenna Michelle O'Steen Elizabeth Anne Ordun Hyunsoo Kenneth Park Jason Lee Park Ju-un Julian Park Sunhee Park Jenna Carolyn Parkinson Joelen Michelle Pastva Privesh Rashiklal Patel Emily Joy Pennington Colby Elizabeth Perkins Rachel Ann Ploskonka Anna Rebecca Prebluda Alexandra Madden Prentiss Neena Ticku Qasba Aditva Rachakonda Jonathan Phaff Raviv Stephen Mayette Read Jeffrey John Recher Abiona Jani Redwood Jennifer Mary Regan Aglae Garvey Rene John Elias Rider

Lydia Lois Rieck Sarah Louise Rivard Fareed Rahman Rivaz Bryce Leitner Roberts Deva Roberts Elizabeth Caroline Rogers Meighan Margaret Roose Jeffrey Saul Rosenberg Christopher Francis Russell Jeffrey Daniel Russell Rachel Ann Sanford Sarah Ann Schaffer Rachael Lynn Schneider Ashlyn Marcia Schniederjans Dylan Faulkner Selterman Nicole Marie Seltman Aalap Chandrakant Shah Jasper Yu-Hon Shen Tiffany W. Shiau Rebecca Ann Shields Daniel Joseph Simmonds Erin Marie Simpson Anjuli Mari Singh Elana Hillary Snow Zirui Song Noah James Stanzione Kristin Lyn Stepaniak Kendra Gayle Stratton Vijay Raj Sudan Rachel Faye Sussman Diana Wan-Chin Tang Tiffany Nicole Tasky Sophie Alexandra Thall Leslie Burton Theibert Laura Still Thrift Luis Miguel Ticona Jason Tien Susumu Tomiya Anna Elizabeth Traverse Blake William Trettien Jonathan Constantine Tsentas Ambica Manjunath Tumkur Jacob Joseph Turner Isaac Kenneth Urwin Diane Marie Van Arsdale Robert Yabon Velasco Marco Diego Vitto Alexei Olegovich Voronin Alison Folger Ward Andrew Fredric Wasserman Danielle Elizabeth Weinberg Andrew Lee Weisman Sean William Welsh Robert McPherson Whelan Eugene Maxwell Whitacre III Ashleigh Jo White

Zachary Conner Williams Angie Ting Wai Wong Alessandra DeMaio Wood Edmond Charles Wybaillie Akira Yamamoto Andrew Rong Song Tzeng Yang Kaitlyn Hyemee Yoon Nancy Yu Frank Yuan Steven Yuen Jonathan Phil Yun Lily Y. Zou Jonathan Eric Zuckerman

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

#### Baccalaureate Candidates Graduating with General Honors

Tursina Abdul Rashid Rohan Rajeev Agrawal Raaid Mahir Ahmad Alexander William Aleem Michael Kun Ha An Adam Steven Bernfeld Venkat R. Bhagavatula William Eugene Bishop Sumit Bose Elizabeth Ann Brackbill Kevin Jordan Brady Candace Elizabeth Brakewood Joshua David Braverman Reuben Daniel Brewer Raymond L. Patrick Buse IV Rachel Schneider Casas Stephanie Liang-Hsien Cha Yee Wai Chan Nicha Chitphakdithai Ramanadh Venkata Chivukula Eric Bach Chu John James Chua-Tuan Ian Michael Corcoran-Schwartz Bejan Michael Darbandi Lauren Marie Denk Kristen Leigh Dobart Jeffrey P. Dvornek Tristan Charles Flanzer Yuan Zhao Gao Christopher Michael Hale David Benjamin Helmer Weina Hou Shente Steven Hsu Debbie Iting Huang Benjamin Gody Jackson

Matthew Michael Jeffrey Kimberly Beth Jordan Gregory Michael Kapp John David Keezell Christopher Kovalchick Emily Katherine Kumpel Ka Man Carmen Law Hveun Koo Lee Alice Chuan Li Boyang Li Kelvin Yu Chung Liang Brian Liau Peter Bjorn Lillehoj Kenneth Lin Risa Jean Lin Zhuo Liu Olivia YanYan Mao Kevin Dongsun Oh Wei Ouyang Junyoung Patrick Park Ravi Pathak Kaustubha Dilip Patil Dhondup Namgyal Pemba Richard Michael Peroutka Greenfield Spenceley Pitts Karthikeyan Ettigounder Ponnusamy Yue Rosa Qi Sudip Kumar Saha Zachary Paul Scott Ashkon Shaahinfar Furhawn Anwar Shah Neil Samir Shah Safiullah Mohammed Shareef Jamie Berta Spangler Nishan Jeetendra Suvarna Kunal Tandon Nattavadee Temkasem Parnduangjai Theprungsirikul Philip Sheung Yin Tsang William Tsao Prakash Vempati Dennis Whang Wilfred Pui-Kong Wong Amelia Parnell Wright Eugene Tong Wu James Steven Wu Eiline Yoosun Yoon Kevin Chengzhi Zhu

## The Zanvyl Krieger School of Arts and Sciences

#### Graduating with Departmental Honors

David Oliver Avruch, Writing Seminars Seung Hyo Baek, International Studies Anshuman Kumar Bansal, Molecular and Cellular Biology Matthew Howard Bassett, Writing Seminars Jessica Ann Beaton, International Studies Carly Suzanne Benner, Spanish Deanna Patrice Berchtenbreiter, French Emily Robyn Berkeley, Chemistry Paul Vincent Birinyi, Neuroscience Patrick Evan Bogard, Public Health Studies Matthew Jerome Brinker, Writing Seminars Warner Johnson Brown, History Michelle Lynn Browne, International Studies Kimberly M. Buxton, International Studies Joaquín Q. Cámara-Quintana, Molecular and Cellular Biology Jennifer Carreto, Writing Seminars Christopher D. Chan, Physics Jessica Tzung-min Chang, Molecular and Cellular Biology Judy Yeoujwu Cheng, Physics Bettina Lee Chiu, Writing Seminars Anthony Chung-Kai Chyou, Molecular and Cellular Biology Maria Rosa Cirincione, International Studies Rita-Marie Clemente, Writing Seminars Nina Louise Colon-Merlo, Writing Seminars Travis Meredith Crum, Politcial Science Blair Christophe Raymond Dancy, French and Chemistry Swetha Bindu Dasari, Neuroscience

Jessica Anne de Leon, Neuroscience and Spanisb Ronak D. Desai, International Studies David Dittell, Writing Seminars Katherine Meaghan Dunne, Spanish Claire Ellen Edington, French Alexander John Eizenberg, Writing Seminars Lael Joy Ensor, History of Art Emily Vigland Ethridge, Writing Seminars Jared Andrew Evans, Physics Payal Ghosh, Public Health Studies Abigail Marie Gibbon, Writing Seminars Mindy Sungmin Gil, Nenroscience Jonathan Alexander Godin, Neuroscience José Luis Gonzalez, Neuroscience Nina Marie Hagel, Politcial Science Jennifer Ann Hajj, Public Health Studies Kyra Brielle Halperin, Writing Seminars Stephanie Gayle Hausner, International Studies Katherine Elizabeth Hekman, **Biopbysics** Elizabeth Alix Hodes, Writing Seminars Laura Gilbert Hollingsworth, Molecular and Cellular Biology Gabriel Sean Harris Hopkins, History Joseph Alexander Hood II, History Meredith Olivia Hope, Writing Seminars Catherine Christine Horn, International Studies Anne Wallace Howard, Writing Seminars Ausia Naheed Iqbal, History Nisha Natesan Jambulingam, Neuroscience Amber Michelle Jenkins, Writing Seminars Robert Alan Johnson, Political Science Kenneth Norman Kay, Physics

Michael Joseph Kelly-Sell, Molecular and Cellular Biology Eric Lee Kiung, Political Science Amber Colleen Kopp, History William John Knych, History Perri Suzanne Kraus, History of Art Elizabeth Maud Krimmel, Sociology Caitlin Regina Kunkel, Writing Seminars Benjamin Stanley Kunsberg, Mathematics Madeline Li Kunsberg, Molecular and Cellular Biology Satoko Janet Kuramoto, Public Health Studies Jessica Dale Larrabee, Spanish Jonina Sera Lasser, Politcial Science Matthew Robert LeBoeuf, Molecular and Cellular Biology Amanda Nicolson Zent Leese, International Studies Joseph Emmanuel Lin, International Studies Joseph Terrence Lo Galbo, History Jeffrey Evan Markowitz, Writing Seminars and Philosophy Alexander Matthew Marmar, International Studies Katherine Loni McDonough, History Ellen Catherine Minnihan, Chemistry George Molina, Molecular and Cellular Biology Ann Christy Monahan, Biology Kristopher Robert Morlot, Politcial Science Babak Mostaghimi, International Studies Venkatesan Natarajan, Writing Seminars Laird Elizabeth Nelson, International Studies Christal Wenyan Ng, Public Health Studies Maia Marie Noeder, Writing Seminars Kathleen Corcoran Oktavec, History of . Irt Elizabeth Anne Ordun, **Politeial Science** 

Jason Lee Park. International Studies Jenna Carolyn Parkinson, History and Spanisb Rachelle Ann Francisco Pinlac, Chemistry Aditya Rachakonda, Neuroscience Jeffrey John Recher, International Studies Sarah Louise Rivard, International Studies Bryce Leitner Roberts, Chemistry Christopher Francis Russell, International Studies Sarah Ann Schaffer, Writing Seminars Ashlyn Marcia Schniederjans, Economics Dylan Faulkner Selterman, Psychology Daniel Joseph Simmonds, Neuroscience Elana Hillary Snow, History of Art Zirui Song, Public Health Studies Karen Elizabeth Starr, International Studies Kenneth S. Stewart, International Studies Mark Darren Sugi, Italian Tiffany Nicole Tasky, Mathematics Sophie Alexandra Thall, Writing Seminars Leslie Burton Theibert, History Laura Still Thrift, Politcial Science Jason Tien, Neuroscience and Mathematics Blake William Trettien, Politcial Science Ambica Manjunath Tumkur, Nenroscience Marco Diego Vitto, Chemistry Andrew Fredric Wasserman, History of Art Danielle Flizabeth Weinberg, Writing Seminars Andrew Lee Weisman, Physics Zachary Conner Williams, H'riting Semmars Summer Elizabeth Young, Chemistry

Nancy Yu, Neuroscience

Jonathan Phil Yun, *Neuroscience* Rebeca Lynn Yutzy, *Spanish* Jonathan Eric Zuckerman, *Biophysics* 

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

Graduates from the Humanistic Studies Honor Program

Amber Jenkins Yu Miyagawa Eric Naftel

Baccalaureate Candidates Graduating with Departmental Honors

The G.W.C. Whiting School of Engineering

Tursina Abdul Rashid, Environmental Engineering Rohan Rajeev Agrawal, **Biomedical Engineering** Raaid Mahir Ahmad, **Computer** Science Shin-hyung Ahn, Computer Science Alexander William Aleem, **Biomedical Engineering** Michael Kun Ha An, **Biomedical Engineering** Adam Steven Bernfeld, Chemical and Biomolecular Engineering Venkat R. Bhagavatula, Computer Science William Eugene Bishop, **Biomedical Engineering** Sumit Bose, **Biomedical Engineering** Elizabeth Ann Brackbill, **Biomedical** Engineering Kevin Jordan Brady, **Biomedical Engineering** Candace Elizabeth Brakewood, Mechanical Engineering Joshua David Braverman, Electrical Engineering Reuben Daniel Brewer, Mechanical Engineering

Marcus Rohlehr Bryant, Computer Science Raymond L. Patrick Buse IV, Computer Science Rachel Schneider Casas, Biomedical Engineering Stephanie Liang-Hsien Cha, **Biomedical Engineering** Yee Wai Chan, Biomedical Engineering Mathew Sam Cherian, Electrical Engineering Nicha Chitphakdithai, **Biomedical Engineering** Ramanadh Venkata Chivukula, Applied Mathematics and **Statistics** Jai-Seung Richard Choi, **Biomedical Engineering** Eric Bach Chu, **Biomedical Engineering** John James Chua-Tuan, Biomedical Engineering Ian Michael Corcoran-Schwartz, **Biomedical Engineering** Bejan Michael Darbandi, **Biomedical Engineering** Lauren Marie Denk, Mechanical Engineering Kristen Leigh Dobart, Electrical Engineering Jeffrey P. Dvornek, Computer Science Julie Lynn Flannery, Applied Mathematics and Statistics Tristan Charles Flanzer, Mechanical Engineering Yuan Zhao Gao, **Biomedical Engineering** John Smeltzer Graettinger, Computer Science Christopher Michael Hale, Chemical and Biomolecular Engineering David Benjamin Helmer, Mechanical Engineering Weina Hou, Applied Mathematics and Statistics Shente Steven Hsu, Biomedical Engineering Debbie Iting Huang, **Biomedical Engineering** Benjamin Gody Jackson, Mechanical Engineering Matthew Michael Jeffrey, Mechanical Engineering

Kimberly Beth Jordan, Computer Science Gregory Michael Kapp, **Biomedical Engineering** Robert Karmazin, Computer Engineering and Electrical Engineering John David Keezell, Applied Mathematics and Statistics Christopher Kovalchick, Engineering Mechanics Emily Katherine Kumpel, Mechanical Engineering Ka Man Carmen Law, **Biomedical Engineering** Hyeun Koo Lee, Biomedical Engineering Quan Jin Shaun Lee, Civil Engineering Alice Chuan Li, **Biomedical Engineering** Boyang Li, Mechanical Engineering Kelvin Yu Chung Liang, **Biomedical Engineering** Brian Liau, **Biomedical Engineering** Peter Bjorn Lillehoj, Mechanical Engineering Joyce Weilly Lin, **Biomedical Engineering** Risa Jean Lin, Biomedical Engineering and Chemical and Biomolecular Engineering Zhuo Liu, Biomedical Engineering Olivia Yan Yan Mao, Mechanical Engineering Constantinos Michael, **Computer** Science Kevin Dongsun Oh, Biomedical Engineering Allan James Olson, Civil Engineering Wei Ouyang, **Biomedical Engineering** Jeremy Cord Palmer, Chemical and Biomolecular Engineering Junyoung Patrick Park, **Biomedical Engineering** Ravi Pathak, **Bioniedical** Engineering Kaustubha Dilip Patil, Biomedical Engineering Dhondup Namgyal Pemba, Biomedical Engineering Richard Michael Peroutka,

Greenfield Spenceley Pitts, Applied Mathematics and **Statistics** Karthikeyan Ettigounder Ponnusainy, **Biomedical Engineering** Yue Rosa Qi, **Biomedical Engineering** Sudip Kumar Saha, **Biomedical Engineering** Zachary Paul Scott, Computer Science Ashkon Shaahinfar, **Biomedical Engineering** George Halsey Shafer, **Computer** Science Furhawn Anwar Shah, **Biomedical Engineering** Neil Samir Shah, **Biomedical Engineering** Safiullah Mohammed Shareef, Biomedical Engineering and **Computer** Science Anthony Howard Sheh, Biomedical Engineering and Chemical and Biomolecular Engineering Jamie Berta Spangler, **Biomedical Engineering** James E. Stephan, Computer Science and Electrical Engineering Nishan Jeetendra Suvarna, **Biomedical Engineering** Jeffrey Charles Swanberg Jr., Chemical and Biomolecular Engineering Kunal Tandon, **Biomedical Engineering** Nattavadee Temkasem, Applied Mathematics and Statistics Parnduangjai Theprungsirikul, **Biomedical Engineering** Matthew David Therrien, **Computer** Science John Paul Trupiano, **Computer** Science Philip Sheung Yin Tsang, Biomedical Engineering William Tsao, **Biomedical Engineering** Prakash Vempati, **Biomedical Engineering** Wilfred Pui-Kong Wong, Applied Mathematics and Statistics and Biomedical Engineering

Electrical Engineering

Amelia Parnell Wright, *Civil Engineering* Eugene Tong Wu, *Biomedical Engineering* James Steven Wu, *Biomedical Engineering* Eiline Yoosun Yoon, *Mechanical Engineering* Thomas Yu, *Chemical and Biomolecular Engineering* Kevin Chengzhi Zhu, *Computer Engineering* 

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

## Engineering Programs for Professionals

Bachelor Candidates graduating with Honors

Scott Allen Bergmann

#### Master Candidates graduating with Honors

Rebecca Lee Agold Sandra J. Aguirre Gregory C. Ambler Matthew Anderson David Mark Angersbach Oguz Angin Jonathan Gregory Archer Michael Edward Aumer **Richard Anthony Babik** Milad Bahrami Steven Nast Baier-Anderson Kathleen Mary Baldwin Gregory MarkBeatty Daniel Alan Benard Joseph Michael Biscoe JeffreyM. Blackwell David Kirk Bodkin Jacob Edward Boon James Patrick Marshall Borghardt William Michael Borgia David Scott Bough Stephen James Boyer William Bradley Branch Dena Gail Brannen Mary L. Bravo

Benjamin Michael Brawley Darin Allen Brinkman Maureen Marie Brophy Warren Lee Brown Tiffany Anhthu Bui Christopher Scott Bulla Kurt Alan Campbell Donna L. Carson-Jelley Pramod Channappa Robert B. Chapman David L. Chen Stephen Power Christy Scott Theodore Coston Ryan Fredrick Crace John Joseph Curry III Kenneth Scott Damer Harold Walker Davis Sawyer McLellan Davis Timothy Andrew Davis Michael Edward Dehner Jason Robert DeVono James Andrew Dickson Daniel Niel Dunham Thomas Scott Engel Erik Scott Ferlanti Anthony Joseph Ferrari Charles Robert Fidler Herbert Leon Fields III Jemal Finney Kristina Marie Fisher Travis Derek Flamm Kevin Michael Forbes Robert J. Fox Brian Edward Freburger Sean Thomas Fursdon Jennifer Raskmey Gau Christopher Dunn Green Kevin Richard Gross Jeffrey Ronald Guy Tiffani Loraine Haas Allen Neil Hamblin Carole Denise Hamner Marvin Norris Hanson Peter James Harmatuk Curt Ehren Heins Anne Elizabeth Hennessy Carlos I. Hernandez-Rodriguez Terrance Robert Hines Leah Michelle Hooten-Clark VivianYing Hua Mark W. Huberdeau David Richard Imbordino Tomas Jacobi Jeffrey Marcus Jennings Blake Everett Johnson Bradley E. Johnson

Brett Werly Johnson Jeffrey Herbert Johnson Joycelyn Thomson Jones Debra Antoinette Josey Lucas Daniel Kagel Charles Lowry Kaylor Eric Marc Kempton Joseph Thomas King Gregory George Konopka Joseph George Kovalchik Ling Bing Kung Angela Marie Lavoie Eric Lee James Yiu Man Li Stanley E. Lingle Nancy Tarlton Linton George Hollis Locktish Roanne Shin Yee Louie Timothy H. Lui Michael Alfred Lyles Michele W. Mak Tracy Lynn Makaravage Mark Kenneth Mammel Jason Matthew Mandeville Kenneth David Marino Robert Michael Martin Jennings Wyatt McGraw Matthew Joseph McMillan Robert Frank Medve Richard William Mehalko Nicholas Kermit Miller Donald Lee Moseley Jr. Robert Charles Muir Michael A. Nagl Thomas Rudolf Neu Reynaldo Nogueras Eric L. Nordman Roger K. Norris Luke Andrew Onachila Joseph Gerard O'Neill Russell Francis Orf Siragan Ozkan Selcuk Ozturk David Benjamin Panek Johnny Dong Park Anne Marie Pearo Darren Peter Peloso Julia M. Perocier-Lopez Shannon Commerford Perry Lucas John Pfeifer IV Prakruti Prativadi Brian Michael Pridemore Dominic Mark Pucci Aaron Chace Redalen John Douglas Reid

E. Elizabeth Reigel Darrell Jay Roberts Marissa Nicole Robertson John Samsundar Heidi Sandra Savin Brian Michael Schaffer Lori Scherer Cynthia Seder Jin Allen Seder Cary Taylor Senf Gaurav Shukla Ajay Singal Danny A. Sinisi Joseph A. Sirois Vivek Sivagiri Joseph Peter Skura Charles Stephen Smith Cynthia S. Smith Jennifer Juliana Steel Marcus Paul Stevens Katherine Marie Stinner Marc Paul Stolte Darrell Bruce Story **Thomas Phillip Takacs** Yee Chong Tam Jason Tang Priya Thomas Christopher Nathan Treadwell Randal Philip Tremblay André Frank Trotter Zaw Phyo Tun Marc Cosimo Ubaldino Rico Román Valdez Benjamin Michael Valenti Carol Anne Vermilye John Embrey Vogel Diane Patricia Walsh Chenwei Wang Kevin James Watkins Henry Mark Weiss Adam James Westervelt Scott David Whaley Eric Mylin Will Sandra M. Williams Benjamin James Williamson Gregory Reid Wiseman Shin Yuan Wu Jason Todd Yauman Qing Yu Zheng

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

## CANDIDATES FOR DEGREES

Bachelors of Science in Applied Mathematics and Statistics

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

Christine Sachiko Allen Marc Chan Terry Hiu Wai Chan Ramanadh Venkata Chivukula Rifat Chowdhury Julie Lynn Flannery Weina Hou John David Keezell Vince C. Lee Peter John Mannisi Greenfield Spenceley Pitts Brian Patrick Rane Nattavadee Teinkasem Corinne Lee Tinacci William K. Wang Jiemin Dwi Wong

#### Bachelors of Science in Biomedical Engineering

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

Rohan Rajeev Agrawal Alexander William Aleem Michael Kun Ha An Jennifer Jin-Kyung Bai Brian Christopher Benson William Eugene Bishop Sumit Bose Elizabeth Ann Brackbill Kevin Jordan Brady Erik José Bustamante Rachel Schneider Casas Stephanie Liang-Hsien Cha Fonda Chan Vincent Chan Yee Wai Chan Matthew Scott Chana Tony Ching-Hsiang Chang Elizabeth Anne Chau James Cameron Chen Kevin Lee Chen Victoria W. Chen Sean Jikang Cheng

Nicha Chitphakdithai Peter Young Choe Jai-Seung Richard Choi Andrew Sheng-Bang Chou Eric Bach Chu John James Chua-Tuan Stacy Jihey Chung Andrea Jemae Collins Ian Michael Corcoran-Schwartz. Bejan Michael Darbandi Matthew Patrick David Yuan Zhao Gao Pooia Gaur Pradeep Ayumu Ghosh Kabilar Gunalan Shente Steven Hsu Debbie Iting Huang Mintai Peter Hwang Joshua Noel Isaacs Prashant Jeyaganesh Joseph Michael Johnson Ondrej Juhasz Sangwoo Jung Heesung Nicholas Kang Gregory Michael Kapp Stephanie Kay Keung Ann Hyemee Kim Diana Youngmee Kim Hyunsu Danny Kim Joon Kim Trevor Alexander Knight Christopher Young Ko Ryan Christopher Kon Christine Erin Krueger Anubhav Kumar Johnny Chun Lin Kwok Daniel Ryan Latta Ka Man Carmen Law Christopher Yensen Lee Hyeun Koo Lee Jung-Eun Lee Davey Chung-Yang Leu Alice Chuan Li Kelvin Yu Chung Liang Brian Liau Joyce Weilly Lin Risa Jean Lin Zhuo Liu Aditya Madhusudhan Christopher Barry Massa

Jessica Rose May Joseph Matthew Messana Davneet Singh Minhas Ken Ng Kevin Dongsun Oh Wei Ouyang Jereiny Cord Palmer Annie Eunah Park Junyoung Patrick Park Carlo A. Passeri Vilomi Jignesh Patel Ravi Pathak Kaustubha Dilip Patil Dhondup Namgyal Pemba Praem James Phulwani Karthikeyan Ettigounder Ponnusamy Sakshee Prem Pungaliya Yue Rosa Oi Rahul Krishan Ram Jonathan Lee Respress Gary Joel Rosenberg Sudip Kumar Saha Ashkon Shaahinfar Furhawn Anwar Shah Neil Samir Shah Safiullah Mohammed Shareef Annand Mohan Sharma Jonathan Hensgen Sharp Anthony Howard Sheh Omotayo Olabisi Shodiya Jamie Berta Spangler William Farran Speier IV Brian T. Stellmach Nishan Jeetendra Suvarna Kunal Tandon Richard Ching-Yao Tang Parnduangjai Theprungsirikul Philip Sheung Yin Tsang William Tsao Mehmet Can Uluer Gisela Vargas Prakash Vempati Christopher August Weier Jonathan David Weisz Dennis Whang Wilfred Pui-Kong Wong Eugene Tong Wu James Steven Wu Simon Wei Zhang

#### Bachelors of Science in Chemical and Biomolecular Engineering

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

Shin-hyung Ahn Evita Rabusa Belmonte Adam Steven Bernfeld Ryan Robert Bradley Ashley Anne Carson Marcello Cavallaro Jr. **Eleanor Frances Glifort** Christopher Michael Hale Ian Matthew Marcus Raphael Isaac Picciotto Edwin Carey Powers Joseph Nathaniel Siegel Sarah Therese Singson Jeffrey Charles Swanberg Jr. Premal Shriprakash Trivedi Daniel Benjamin Wolgin Thomas Yu

#### Bachelors of Science in Civil Engineering

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

Eric Kumar Basu Christopher Anthony Brown David Richard Dierker Kathryn Marie Francis Constantinos Zacharia Kaimakliotis Quan Jin Shaun Lee Allan James Olson Jessica Leigh Routt Angel Ye Tao Jessica Kathleen Wilson Daniel Neil Witting Amelia Parnell Wright

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

#### Bachelors of Science in Computer Engineering

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

Saurabh Agrawal Blake Harrison Caldwell Andrew D. Carrera Christopher Tze-Ming Chan Timmy Likyan Chung Robert Karmazin Kevin Young Kim Philip David Payne Jason Bradley Rothhaupt Mehmet A. Saraçer Michael Ousik Yu Kevin Chengzhi Zhu

### Bachelors of Science in Compnter Science

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

Raaid Mahir Ahmad Tristan Dana Ankerstar Devin Edward Barillari Venkat R. Bhagavatula Laura Helen Briskin Dustin Blake Brody Marcus Rohlehr Bryant Raymond L. Patrick Buse IV Samuel Lee Cassatt Joseph Faith Choe Jeffrey P. Dvornek Joshua Kane Errickson Yair Arnon Flicker Daniel Lee Glaser John Smeltzer Graettinger Edward Laverne Harris III Steven James Johnston Kimberly Beth Jordan Alexander Jeffrey Kramer Terrence Michael McGill **Constantinos Michael** Patrick James Nordahl Matthew Songyoon Rim George Halsey Shafer Matthew David Therrien John Paul Trupiano Christopher Jay Weiland

### Bachelors of Science in Electrical Engineering

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

Jonathan Mark Blancha Joshua David Braverman Matthew Dorian Bufano Johnny Jin Young Chang Mathew Sam Cherian Victor Cheung Brendan Paul Coleman Kristen Leigh Dobart Steven Edward Eno Benjamin Jerome Jeffers Chantele Lorie Johnson Andrew Kim Cheryl Andrea Lewis John Gabriel Nelson Anthony Khoi Ngo Douglas Wilfredy Orellana Katherine Elizabeth Outland Daniel A. Paulson Richard Michael Peroutka James Hsiao-Tung Phillips Krishna Venkatraju Potarazu Brian Michael Robbins Christopher Wells Smith James E. Stephan Ryan Beecher terMeulen

## Bachelors of Science in Engineering Mechanics

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

Christopher Kovalchick Ashley Lauren Schwarzmann Benjamin Gustavo Soto

### Bachelors of Science in Engineering Science

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

Terri Davis Hammond Ian Brent Neumann Rick Lee Schramm Kerry Lynn Westervelt

### Bachelors of Science in Environmental Engineering

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

Tursina Abdul Rashid Daniel T. Eagan Nicole Fahrenfeld Sruti Maya Sathyanadhan

## Bachelors of Science in Materials Science and Engineering

The G. W. C. Whiting School of Engineering

Mary Elizabeth Anito Kenneth Lin

## Bachelors of Science in Mechanical Engineering

The G. W. C. Whiting School of Engineering

Ashwini M. Anjanappa Candace Elizabeth Brakewood Reuben Daniel Brewer Mark Wayne Brown Ryan Matthew Chapman Lauren Marie Denk Tristan Charles Flanzer Adam R. Hagge Giles David Haysom David Benjamin Helmer Omar Ramon Irizarry Benjamin Gody Jackson Matthew Michael Jeffrey Jonathan Michael Kracht Peter Bovard Kuhn Emily Katherine Kumpel Joseph Jung-Hoon Lee Boyang Li Peter Bjorn Lillehoj Robert Leon Lontoc Olivia YanYan Mao Marcelo Cataldo Porto Konstantinos A. Sarafidis Michael Cannon Scheib Kwame Antonio Small Daniel Edward Touchette Eiline Yoosun Yoon

### Bachelors of Arts

The G. W. C. Whiting School of Engineering

Amy Xiaohua Yang

### Bachelors of Arts in Applied Mathematics and Statistics

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

Michael Thomas Huerta Michael Philip Kalina Hannah Lynn Lammé Shad A. Qudsi

### Bachelors of Arts in Biomedical Engineering

The G. W. C. Whiting School of Engineering

James Gregory Sanders

## Bachelors of Arts in Compnter Science

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

Lukas D. Chen Brendan Papaleo Houle Gregory Michael Jastrab Jason Kuo Frank Lee Zachary Paul Scott Nettie Min Tien

## Bachelors of Electrical Engineering

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

Scott Allen Berginann Matthew Joseph McMillan Robert Bruce Moore David Benjamin Panek Edgar Ngalamulume Senga

### Bachelors of Mechanical Engineering

The G. W. C. Whiting School of Engineering

Addisalem Abebe Stephen Patrick Bieschke Eric Richard Darago Anthony Charles Hammond Nicholas Kermit Miller Jay Ormsby Darrell Wennell Smith Christopher Matthew Thompson

Bachelors of Science in Molecular and Cellular Biology

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

Anshuman Kumar Bansal Basak Basdag Hatice Basdag Katherine Marie Cain Joaquín Q. Cámara-Quintana Jessica Tzung-min Chang John Yeh-Heng Chien Anthony Chung-Kai Chyou Andrew Meyer Clerman Samantha Iill Davis Emmanuella Maria Eastman Prasra Gomutputra Susy Grajeda Kip Eric Guja Jennifer Erika Heckman Laura Gilbert Hollingsworth Joanna Su-Ting Hsu Jonathan Hsu Zachary Hutzayluk II Stephanie Sylvia Hwang Jennifer Wonkyung Jung Michael Joseph Kelly-Sell Patrick William Kerns Irene April Kim John Shinn Kim Sean Sunghoon Kim Alicia Anne Knight Madeline Li Kunsberg Siu Kit Lam Matthew Robert LeBoeuf Burm Han Lee Liane Marie Lee Melissa Sujin Lee John Brian LeGall

Jeremy Robin McCallum Meghan Reeves McIntosh George Molina Hyunsoo Kenneth Park Lauren Elizabeth Parlett Emily Joy Pennington Omar Rashid Qureshi Fareed Rahman Riyaz Rachel Ann Sanford Luis Miguel Ticona William Tzu-Wei Wang Liang Xue Akira Yamamoto Steven Yuen

## Bachelors of Science in Physics The Zanvyl Krieger School of Arts and Sciences

Garrett Lane Butler Christopher D. Chan Judy Yeoujwu Cheng Joel Whitlow Davis Jared Andrew Evans Kenneth Norman Kay Aaron Steven Landgraf Karl Tsui-Kai Lee Sharon Isabel Torres Andrew Lee Weisman

## Bachelors of Arts

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

Emilie Sara Adams Temitayo Mobola Adewoyin Atin Agarwal Kunal Agarwal Daniel Youngjin Ahn John Ahn Oluwakemi Abosede Ajide Talal Al Khatib Andrew Francis Albero Diana Zeyneb Alhindawi Cyrus Allafi Jeannette Louise Alvarez Charles Omar Alwakeel Stefanie Lynn Alzate Christian Stafford Anderson Lee Edward Anderson Megan Brehm Angelakos Paul Carlo Angelini Ann Renee Angiulo Jeffrey Joshua Anwar

William Joseph Ares Paige Alexandra Armstrong James Johnathan Attra David Oliver Avruch Michael Christopher Aynardi Seung Hyo Baek Andrew Gottschalk Bail Adrienne Nicole Hawkins Baksh Preeti Rama Balakrishnan Michael Anthony Barrasso Kyle Anthony Barrie Matthew Howard Bassett David Nathaniel Bates Robert Winthrop Bates Kerim Batibay Bryce Edward Baumann Jessica Ann Beaton Amanda Kristel Beck Christiana Callery Behringer Mark Belinsky Amanda Gail Benedetto Carly Suzanne Benner Kourtney Noelle Bennett Joseph Ryan Benson Deanna Patrice Berchtenbreiter Emily Robyn Berkeley Michael Vincent Berman Elissa Magdangal Besabe Sohini Bhattacharya Paul Vincent Birinyi Nicholas Cofer Black Elizabeth Coulter Blackford Roy Blumenfeld Aaron Seth Blynn Patrick Evan Bogard Caleb Zechariah Bone Joost Cecil Bottenbley Ilva Bourtman Shelby Ariella Boxenbaum Wesley Ames Boyer Hannah Kathleen Bracken Alexander Lamb Bradley Jessica Rose Brandt Andrea Raquel Bravo Jacob Levine Breecker Tara Alyssa Brennan Matthew Jerome Brinker **Justin Thomas Bristow** Elizabeth Ann Brotman Alexandra Elizabeth Brown Warner Johnson Brown Ashland O'Neal Brown II Michelle Lynn Browne Micaela Lillard Browning Teresa Elizabeth Bruno Abby Lou Burch

Emily Meave Burke Molly Kathryn Burnett John Ottavio Bussanich Waqas Hameed Butt Kimberly M. Buxton Afiya Kamania Bynoe Lori M. Calabria Erin Patricia Calkins Carly Alicia Cammarata Jeremy Hilliard Canade Christopher David Canary Janet Cecilia Carmona Elektra Carras-Terzian Jennifer Carreto Ryan Carroll John Carl Carter Daniel Rodrigo Cataldo Stephen James Cella Minsoo Cha Kateri Helena Hermione Chambers Kelly Anne Chambers Teresa Chan Eric Young Chang Jennifer Jiwen Chang Rebecca Kuo-Yu Chao Amy Xiaozhe Chen Angela Chen Cynthia Chen Kathryn Kecheng Chen Chui Ha Cheng Nancy Cheung Daniel Howsen Chiang Shin Wei Chiou **Emily Marie Chisholm** Bettina Lee Chiu Eun Hee Cho Michael Daeveon Cho Charles Junehee Choi KyungSik Kyle Choi Marvin Hoon Choi Veena Choubey Hilary Beamer Christian Andrea Lauren Christman Jeremiah Yong Chung Ji Woong Chung Matthew Chung Maria Rosa Cirincione James Park Clark Meredith Leigh Clayton Rita-Marie Clemente Michael A. Coderre Alan M. Cody Emily Frances Cohan Joanna Deborah Cohen Andrew Michael Coldren

Adam Craig Colicchio Nina Louise Colon-Merlo Louisa Grey Conklin Jesse Arthur Contovasilis Darryl Elizabeth Conway Patrick Dermid Cooney Natalie Anne Cooper Isabelle Sommerville Corbett Christopher James Corces-Zimmerman Jennalee John Cord Jillian Denise Cordero James R. Covey Elizabeth Anita Crabtree Andrew William Croner John-Michael Cross Travis Meredith Crum Rachelle Stephanie Cruz Thomas James Cusack Jonathan Douglas Cylus Austin Miller Cyr Blair Christophe Raymond Dancy Swetha Bindu Dasari Marianne Jennifer Datiles Nicole Adriana Davidson Katherine Rebecca Davis Micaella Maria Davis-Phinn Jessica Anne de Leon Lauren Elizabeth Dean Marc DeGennaro Thomas Francis Denning IV Ronak D. Desai Brian R. Dettman Andrew Roy Diconza Zachary Michael Dilonno Audrey Joern DiMauro Carolyn Marie Dinsmore David Dittell Irene Eun-Hye Dokko Emily Pauline Doran Shana Miriam Dorfman Ashley Meredith Dorn Matthew Louis Dowell Joshua Ari Druck Elysha Lynn Dubin Katherine Meaghan Dunne Andrea Emerson Dunuwila Claire Ellen Edington Rence Keiko Egusa Jonathan Prentice Ehle

Renee Keiko Egusa Jonathan Prentice Ehle Paul Harding Eichenseer Alexander John Eizenberg Heather Mohamed El-Amamy Laura Suzanne Elgort Hallie Justine Elsner

Uchenna Doris Emeche Matthew Joseph Emmett Ilolochika Natasha Emuh Lael Iov Ensor Edward Torsten Esborn Stephanie Teresa Espinal Lancelot Llaneza Esteibar Danny Estupinan Emily Vigland Ethridge Lee G. Everett Farnaz Faiaz Jason Michael Farber Andrew Nathan Farkas Mohammed Jassim Farukhi Karishma Sohil Fatabhov Matthew Francis Feild Melissa Rose Feldsher Adam Richard Feren Mary Kate Finnigan Eric Blanchard Flamer Brian Roger Follweiler Nicholas Taylor Franco Benjamin H. Frazer Rushton Benjamin Freeman Ernesto Javier Freire Aleksandra Fridman Leah Emily Friedman Paul David Furlong Nurain Mohammed Fuseini Alice Mary Gahbauer Juliana Marie Galan Catherine Sue Gallagher Russell Gary Ganzi Natasha Garg Saul Evan Garlick Yasmina Rosette Ghantous Java Naomi Ghildival Payal Ghosh Abigail Marie Gibbon Kimberley Kay Gibson Mindy Sungmin Gil Tyler Sydney Gilchrest Manbaj Singh Gill Carl Barton Gillombardo Marga Rosalyn Glasser Corey Michael Gleason Jonathan Alexander Godin Casey Elisabeth Godshall Jennifer Ashley Goebel Lisa Goldstein Sara Leah Goldstein Sarah Anne Golub José Luis Gonzalez Daniel Nathan Goodman Anusha Kierty Gopalratnam Brooks Gilman Gordon

Michael Joseph Gormally Gillian Lucinda Gower Steven Robert Graham Aurélie Elise Graillot Vadim Gretchouchkin Keryn Effie Greve Craig Jonathan Gridelli Christian Thomas Grim Josh Aaron Grischkan Jeffrey Charles Grosser Toby William Gruszewski Jayaprakash Gudi Abha Gupta Alka Gupta Daniel Andemeskel Habtemariam Jami Lynne Hadelman Nina Marie Hagel Heraa Salaheldin Hajelsafi Jennifer Ann Hajj Cvnthia Cheri Hall Jessica Denise Hall Kyra Brielle Halperin Ikuko Hamada Zane Erik Hamilton Francesca Claire Hansen Erin Courtney Hantinan Brian A. Harris Tyler Hutchison Harris Kaitlin Clare Hassett Steven Hassine Ranjit Shivkumar Hatti Stephanie Gayle Hausner Katherine Elizabeth Hekman Stacey Michelle Heller Ian Howard Henderson Katie Jean Herbst Gregory Leslie Hestla Jessica Nicole Hiltabidel Gabriel Kirschnek Hirl Elizabeth Alix Hodes Marielle Christina Holmblad Grace Hong Janice Jeyon Hong Joseph Alexander Hood II Meredith Olivia Hope Gabriel Sean Harris Hopkins Grant Howard Hopkins Catherine Christine Horn Joseph Joshua Houlder II Iyamide Omotavo House Meline Denise Hovnanian Anne Wallace Howard Robert Shi-Lin Hsu Robert David Huang Daniel Vincent Hughes III

Aziza Zuwena Hull Esther Irene Hwang Ausia Naheed Iqbal William Simpson Irvine Gabriel Itskovich Omar Shaher Itum Hallie Marie Jackson Jeremy Daniel Jacobson Apoorva Narendra Jadhav Nisha Natesan Jambulingam Malka Aliza Jampol Alexis Rose Jani Elizabeth Flower Janney Ryan Basil Jawad Alisha Jeannette Jefferson Amber Michelle Jenkins Natalia Jimenez Robert Alan Johnson Sarah Elizabeth Johnson Miranda Zoe Jones Natalie Rosalind Jones Melissa Lynn Jordan Elizabeth Mihyun Jung Bryan James Kaminski Kenneth Nelson Kanara Daniel B. Kaplow Caitlin Shale Kappel Akhil Suresh Kara Yelena Karbinovskava Brian Kares Chelsea Anne Karnash Zahava Goldie Karpel Argyro Kavvada Darren Steven Kaw Gregory Charles Kearns Michael Crawford Keiderling Timothy Michael Kernan Preetpaul Singh Khangura Janki Bharat Khatau Andrew Chongin Kim Anna Hye-Yeon Kim Caroline Sara Kim Cheryl Yunchong Kim Christina Soojin Kim Daniel Ajoun Kim Ho-Sung Kim Melissa Yongsun Kim Minji Ryan Kim Katherine Louise Kimball Nakesha Denise King Benjamin Swain Kingsland Brian Fdward Kinsella Jr. Eric Lee Kiung Julia Metcalf Kleene Jeffrey Roy Klein Matthew Kevin Knabel

William John Knych Angela Meng Ko Taisei John Kobayashi Andrew Joshua Kobets Alexandra Paulina Koegel Claire Elise Koehler Kun Hoi Koo Amber Colleen Kopp Alex George Robert Kormendi Nina Vladimirovna Kouprina David Van Kraus Perri Suzanne Kraus Steven Adam Krawitz Elizabeth Maud Krimmel Hemant Kumar Nita Neubert Kumaraswami Caitlin Regina Kunkel Benjamin Stanley Kunsberg Satoko Janet Kuramoto Elspeth Miriam Kursh Alexa Colette Kurzius Alison S. Kwan Kristen Alexis Kyriazis Karen Shue-fong Lai Ashley Suzanne Laleker Brendan Christopher Lally Andrew Max Landon Weinstein Asheesh Laroia Jessica Dale Larrabee Sarah Elizabeth Lash Jonina Sera Lasser Jonathan Tony Lau Rena Kane Bennett Laughlin Jack A. Lawrence Julia Anne Lawrence Stephanie Catherine Leaman Janice Lee William Wytold Lebing John Koufman Leckie Meaghan Ashley Leddy Andrew Lee Andrew Ki Lee Brian Jun-Jaeh Lee Daniel Jung Lee Edgar Eliott Lee Ian C. Lee Jessica Marie Lee Justin C. Lee Richard Han Lee Amanda Nicolson Zent Leese Katherine Page LeFevre Mallary Ann Lerner Elisabeth Marie Lessenich Allison Wei-Sum Leung Francesco Alfred Leuthold Kenneth Herzl Levin

Talia Eckland Levy Aaron Hugh Levy-Forsythe Courtenay Dunn Lewis Conrad Li Jerry Liang Leigh Anne Lieberman Byungwook Lim Paul Sun-Wook Lim Joseph Emmanuel Lin Mark Wei Lin Kristan Marie Lione Kate Lauren Lipka Sida Liu Alexander S. Lo Joseph Terrence Lo Galbo Jonathan David Lockhart Nina Lopatina Karen Marie Lopez Elaine Kayuki Lou Keith Louie Julia Ann Loux Rui Lu Adam Matthew Luke Alexandra Christine Lunt Daniel A. Luperchio Clifton Wiley Lyddane Timothy John Lyons Sophie Yee Kwan Ma Tegan Christine Machnich Militza Chelli Machuca-Franco Mary Katelyn MacInnis Gavin Patrick Maguire Stephanie May Mak Eleni D. Makris Anna Maria Maletta Melissa Lynn Malone Purvi Rajen Maniar Ryan Anthony Mannix Geoffrey Joseph Markowitz Jeffrey Evan Markowitz Alexander Matthew Marmar Maria Paula Marsh Warren Frank Mason Quresh Abbas Master Marcelin Mathew Shruti Mathur Thomas Peter McBride Christina Mae McCarthy Katherine Loni McDonough Monica Joyce McDonough James Richard Miervaldis Demetra Mileos Christopher Anderson Miller Diana Christine Miller Joseph Michael Miller Mayumi Florence Miller

Ellen Catherine Minnihan Erica Jean Mitrano Yu Miyagawa Bahman Cyrus Mody Calvin Fong Moh Carlos Antonio Mojica Ann Christy Monahan Patrick David Montague Seth Thomas Moody Sean G. Morgan Kristopher Robert Morlot Caitlin Eleanor Morris Ashlee E. Moskwa Babak Mostaghimi Vicky Mov Michael Anderson Moylan Michael George Mueller Shireen Mukadam Sadiya Abdul Muqueeth Matthew Joseph Nader Eric Adam Naftel Samiksha C. Nair Sandya Sobha Nair Ambareen I. Naqvi Venkatesan Natarajan Laird Elizabeth Nelson Joshua Michael Newton Christal Wenyan Ng Christina Hoiyan Ng Mark Christopher Nicastre Mava Antoinette Nicholls Lolita Sai Nidadavolu Maia Marie Noeder Andrea Lucine Noravian Sarvenaz Nouri Scott Edward Novotny Melissa Ann O'Berg Katherine Anne O'Callaghan Kevin J.B. O'Connor Kathleen Corcoran Oktavec Olusola Olanrewaju Olaleve Kathleen Ann O'Malley Matthew Casey O'Neill Claudette Ngozika Onyelobi Elizabeth Anne Ordun Ienna Michelle O'Steen Kesha Suresh Oza Jane Jin Pae Eugene Paik Anthony Robert Paletta Christine Ellen Palowitch Andrew Sang-Jin Park George Jim Park Jason Lee Park Jihae Hana Park Ju-un Julian Park

Sunhee Park Jenna Carolyn Parkinson Thomas Andrew Parry Margaret A. Partyka Joelen Michelle Pastva Privesh Rashiklal Patel Pauline Mariette Pelletier Alejandro Peña Jr. Colby Elizabeth Perkins Gregory Robert Peyser Christopher Lloyd Phillips Lauren Marie Picciotto Slawomir Waldemar Piegdon Rachelle Ann Francisco Pinlac Dominic Vincent Pisano Justin Michael Plaum Rachel Ann Ploskonka Nathan Joseph Pluto Eli Charles Poorvu Mary Ann Popovech Anna Rebecca Prebluda Alexandra Madden Prentiss Caitlin Therese Prior Katherine Ann Pustizzi Kelley Margaret Putnam Neena Ticku Qasba Aditya Rachakonda Alexandra C. Ragazas Antoinette Denise Rainev Archana Ramaswami Supria Sarah Ranade Rahul Abdul Rasheed Jonathan Phaff Raviv Stephen Mayette Read Jeffrey John Recher Abiona Jani Redwood Amanda Marcela Reeves Jennifer Mary Regan Aglae Garvey Rene Matthew Paul Rewkowski Travis Wayne Reznik Susan Sunok Rhee Hyewon Rhieu Jake Kolbe Ricafrente Tasia Moné Richards Alexandra Jane Rickards Lauren Myers Riddick John Elias Rider Lydia Lois Rieck Benjamin Frederick Rinn Sarah Evelyn Ritter Sarah Louise Rivard Bryce Leitner Roberts Deva Roberts Nicholas Maximilian Trott Roberts

Alexia Monique Robinson Scott Forrest Robinson Valentina Maria Rodriguez Elizabeth Caroline Rogers Meighan Margaret Roose Cynthia Marie Rosa Jeffrey Saul Rosenberg William Marshall Ross Edward Francis Ruch Robert John Rudock II Shannon Marie Ruhf Christopher Francis Russell Jeffrey Daniel Russell Peter Andrew Ryan Alan Salas **Emmanuel Sanchez** Hideki David Saotome Abha Saraswat Matthew Peter Scally Leena Elizabeth Scaria Sarah Ann Schaffer Brian Scott Schiller Rachael Lynn Schneider Ashlyn Marcia Schniederjans Christine Elizabeth Schrader Hugh Donald Scott II Jill Lara Seidman Christopher Carson Seigle Dylan Faulkner Selterman Nicole Marie Seltman Thomas Wallace Sentome Edward Seo Kristin Ayako Sepulveda Brian Soheil Shafa Aalap Chandrakant Shah Nidhi Bhupendra Shah Joshua Aprile Shapero Babak Sharafeddin Robin Elizabeth Shaw Honora Aidan Shea Jasper Yu-Hon Shen Stephanie Shen Tiffany W. Shiau Rebecca Ann Shields Meredith Jan Shifman Scott Hyun Shin Jackie Hsueh-Ping Shiue Sarah Elisabeth Mariette Siemens David Walter Silverstone Daniel Joseph Simmonds Adam Bennett Simon Erin Marie Simpson Samantha Helena Simpson Anjuli Mari Singh Sandeep Singh

Kathleen Erin Singles James William Singleton Timothy Glenn Sliker Alexei Alexander Smaliy Matthew Scott Smith Gregory Brian Sneed Elana Hillary Snow Cory David Snyder Edward Churlon So Joanna Clare Solloway Sven Michael Sommers Debra Lynne Sondak Zirui Song Aliana Maria Soto Robert Scott Spratlen Archana Srinivas Noah James Stanzione Karen Elizabeth Starr Kristin Lyn Stepaniak Andrew Jennings Stewart Kenneth S. Stewart Lauren Jang Stewart Daniel Truitt Stillman Jonathan Michael Stilwell John Chappell Stowe Jr. Kendra Gayle Stratton Tristan Hollis Stringer Vijay Raj Sudan Mark Darren Sugi BreAnna Marie Suiter Aditya Surendran Rachel Faye Sussman Hyder Syed Bartlomiej Wojciech Szczech Daniel Barry Szelingowski Katherine Reid Taft Diana Wan-Chin Tang Tiffany Nicole Tasky Kevin Farrell Telford Martha Lucía Téllez Christopher Michael Temple Sophie Alexandra Thall Jason Damon Thayer Leslie Burton Theibert Alanna Charmaine Thomas James William Thomas Jefferson Edward Thompson Tashell Jenine Thompson Matthew Phillip Thornburg Kristopher Michael Thornsbury Laura Still Thrift Jason Tien Susumu Tomiya Gabriel William Tonkin Loandra Torres Jennifer Lynn Trapp

Anna Elizabeth Traverse Blake William Trettien William Chia Hsiang Tseng Jonathan Constantine Tsentas Tiffany Tashauna Tucker Ambica Manjunath Tumkur Jacob Joseph Turner Amir Tusher Truly Tyler Ekemini Aniema Udofa Theophilus Itua Ugheghe Melissa Mei Ung Joelle Urrutia Isaac Kenneth Urwin Diane Marie Van Arsdale Stephanie Maria Vangelakos Robert Yabon Velasco Guillermo Verduzco Aida Ludivina Vigil Marco Diego Vitto Meagan Elizabeth Voight Alexei Olegovich Voronin Karen Leonia Walker Sarah Mae Walsh Stephen Karl Walsh Burton Timothy Wang Cheng-Xi Wang Xin Wang Zheng Wang Alison Folger Ward Keahnan Patrick Washington Abigail Keller Wassel Andrew Fredric Wasserman Noel Palmer Watkins Danielle Elizabeth Weinberg Sarah Michelle Weinstein Erin Elizabeth Weldon Sean William Welsh Sara Lynne Wexler Robert McPherson Whelan Eugene Maxwell Whitacre III Ashleigh Jo White Christina Nesarany Williams Sarah Caitlin Plunkett Williams Zachary Conner Williams John Paul Witzenbocker Angie Ting Wai Wong Jimmy Wong Alessandra DeMaio Wood Christopher Lee Wright Di Wu Edmond Charles Wybaillie Michael John Wyszomierski Andrew Rong Song Tzeng Yang Shalia Mimi Yi Kaithyn Hyemee Yoon

Jessica Betsy Youdin Katherine Marie Young Summer Elizabeth Young Nancy Yu Frank Yuan Jonathan Phil Yun Rebeca Lynn Yutzy Tamar Deborah Zilkha Thomas Frederick Zipser Lily Y. Zou Jonathan Eric Zuckerman

#### Performer's Certificates

## The Peabody Conservatory of Music

Matthew Steven Boggs, Double Bass Caleb Matthew Jones, Violoncello Nicolas Skinner, Trumpet

#### **Bachelors** of Music

The Peabody Conservatory of Music John Forest Armato, Guitar Chan-mi Baik, Piano Jenni Lynn Bank, Voice Nathan Bark, Recording Arts and Sciences and Trombone Benjamin John Beirs, Guitar Robert Mister Bloomfield. Violoncello Matthew Steven Boggs, Music Education Joanna Elizabeth Boldin, Oboe Eron Anthony Bruce, Voice Brian M. Bubnash, Saxophone Eugene Cha, Composition Kateri Helena Hermione Chambers, Baroque Flute Vienne Chen, Piano Chia-Yi Birdy Chou, Violin Louise Chung, Piano Jennifer Nicole Donnell, Voice Caitlin T. Donovan, Music Education and Voice Austin Campbell Edell, Recording Arts and Sciences and Andio Design Jessica Finch, Flute Devin Gray, Percussion Christopher Louie Gow, Recording Arts and Sciences and Euphonium

Charles Lawrence Halka, Piano James Hall, Double Bass Ji Jeong Jeannie Han, Piano Zachary Robert Herchen, Recording Arts and Sciences and Saxophone Elizabeth Leigh Horton, Music Education and Voice Benjamin Gody Jackson, Trumpet Emma Louise Kofoed Jensen, Voice Grace Marie Johnson, Oboe William Anthony Johnson, Voice Thomas Meriwether Jones, Recording Arts and Sciences Melissa Lynn Jordan, Saxophone Ahreum Kim, Violin Kyle Charles Knipe, Viola Euna Kong, Violoncello Christopher Kovalchick, Violin Maud Laforest, Guitar Po-Wei Lai, Violin Ariana March Lamon-Anderson, Clarinet Hyun-Ji Lee, Violin Joanna Baeah Lee, Voice Daniel Edward Marcellus, Jazz Percussion Jonathan Phillipe Morgan, Viola Jessica Morrison, Horn Russell Andrew Nadel, Music Education Robert Nicholson, Violoncello Letitia Muriel Nyirjesy, Violin Toni Marie Palmertree-Muth, Voice Shih-Hsun Pan, Viola Yoo-Ran Park, Piano Dominique Orlando Patterson, Music Education and Trombone Jonathan Edward Peress, Music Education and Tuba Anastasia Petanova, Flute Stefan Zhanov Petrov, Piano Claire Plumb, Voice Jacqueline Pollauf, Harp Mia Raquel Pomerantz, Guitar Adriana Larissa Potoczniak, Flute Craig Lewis Retzlaff, Music Education and Trumpet Wesley Edward Rice, Clarinet

Bryce Leitner Roberts, Oboe

Elizabeth Caroline Rogers, Voice Cara Christine Salveson, Saxophone Christopher Scott, Horn Taleesha Janine Scott, Voice Yoohee Shin, Piano Nicholas Skinner, Music Education Andrew Soli, Horn Kristyn Hyun Son, Flute Kristen Susan Spiridon, Music Education and Clarinet Simon Sung, Guitar Ryan terMeulen, Composition Julie Wagner, Double Bass Melody C. West, Composition David E. Witmer, Composition Nathan T. Wong, Violin William Wysocki, Clarinet John Jiyang Xia, Violin Simon Paul Zaleski, Piano Scott Adam Zarchy, Music Education and Violoncello Michael Jason Zell, Percussion

#### The School of Nursing

Bachelors of Science May 25, 2006

Ginger Cherie Abney Mary-Katherine Patricia Adams Jennifer Kaye Allard EunJoo An Ingrid Maria Andersson Joseph Paul Andrzejewski III Kymberly Keiko Aoki Lisa Beth Arvine Elizabeth Jean Austen Susan Christine Austin Erin Elizabeth Batton Iulie Ann Bauder Lindsey Elizabeth Bischel Claire Rose Bleymaier Brenda Lynn Blunt Kathryn Norgang Bradbury Kathleen Elizabeth Burley Diana Lynn Campion Andrea Cappo Erin Christine Carney Kara Lee Carthel Lina Marie Chabala Judith Ann Chadderdon Constance Ann Channel Eleanor Doris Cochran Kristen Margaret Cole

Brook S. Colt Cynthia Ann Cooper Tyler Van Zandt Cornell Wayne Corona Jr. Aaron D. Crowther Maricris Bertolano Dacumos Sambah Nana Dadzie Stacy Lynn Dalmau Luis Eduardo D'Andrade Suero Maria Jennifer D'Antonio Greer Day Sarah Elizabeth Dean Nicole Mae deButts Minette M. del Castillo-Unson Jesica Anne Deputy Lucia Diaz Mary Jo Leonhardi Dokter Megan Elizabeth Dowling Andrea Jane Ebnet Katherine Elise Emanuel Nevsa P. Ernst Lourrae Ellis Ewbank Cambria R. Fast Shaundrea Monique Faulk Shanda Jeanne Ferguson Erin Elizabeth Fitzpatrick Jessica Lynn Foran Anna Elizabeth Forsman Kathryn Barry Foster Heather S. Fowkes Iulie Elizabeth Frodvma Leah Victoria Gamello Megan Beth Gilmore Brian T. Godfrey Anuradha Gopinathan Christine Borgstrom Gordon Nancy Marie Gruber Star Cathryn Hallock Sheila Marie Halnon Nathalie Harmoush Ravanne Elizabeth Harris Danielle Marie Hastings Kaitlin Zoe Haws Kathleen Elizabeth Hayes Sarah Cecile Higgins Terri Marie House Brian Lawrence Hover Bera Björg Ingolfsson Nadia Irani Jeannie Sumi Jacobs Laura Marie Jansen Kelly Elizabeth Jarrett Melissa Ann Johnson Sheramy Joy Kahalas Anny Mey Kao Kayoko Katsuya

Mara Allison Keith Claudia Franziska Keller Stephanie Marie Kendall Stacy Ann Kennedy Alicen Beatrice Kershaw Maryam Kianmajd Ben Kim Margaret Lee Klag Rosemary González Kollosch Lisa Ann Kowal Aliza Krebs Stacy Jennifer Kreger Jennifer Jayne Kurtz Christine Ellen Laing Maia Adrienne LeBlanc Tetvana Leplev Whitney Alexandra Lawton Linnenbringer Katie Lee Lengyel Esther Sara Lewkowicz Susan Lopez De Palma Anna Partridge Lovejoy Colleen Christine Lue Meghan Kathleen Maguire Jonaki Maiti Margaret Frances Malleis Leona Rose Mason Tiffany Michelle Angela McFarlane Corrie Ann McKeen Megan Dawn McMillan Melissa Ann Merdinger Jessica Wandel Merrill Olumide Olalekan Mesiove Francesca Stephanie Mirarchi Bhavini B. Mody Remi Doris Momodu Kathryn A. Mooney Kate Marie Murphy Kellye Marie Nelson Wanda Oliveros Christine Patricia O'Neil Ellen Akyeamaa Opoku Janet R. Orlin Elizabeth Ruth Ottoson Amber Marie Parks Jacqueline Hélène Parler Rosemary Keller Patterson Kitty In Kay Poon Kristy Ann Pulaski Therese Nicole Linn Quiambao Christopher Thomas Reed Jennifer Kathleen Rios Meuy Sio Saechao Aya Sato-DiLorenzo Jennifer Marie Sawicki

Adrienne Levy Schwartzman Veronica Sezanov Debra Klima Shissler Tracy Beth Siegel Matthew Frederick Soladay Anne-Marie Somerville Stephanie E. Song Mary Lamar Sullivan Patricia Karolina Swiech Jason Richard Talley Teena Marie Tayag Melissa Kim Trout Katherine Perry Trumbauer Aimee Lynne Uchytil Nicholas John Bealky Valentine Kimberly Starr Waldrep Erin Colleen Walsh Lori Anne Watkins Nichole Marie Weedy Glenda Weitz Erica Marie Wikan Christopher Andrew Wilson Katherine Marie Winter Stacie Lynn Wolfram Hannah Jane Yancey Meaghan Renée Young

#### The School of Nursing

#### Bachelors of Science July 21, 2006

Andrea Noëlle Alliette Hilarea Amthauer Maritess Joy F. Asumen Lindsay Anne Ausherman Callie Anne Avis Anne Kiley Bacon Sara Shipley Bahr Lisa Maryann Barcikowski Elizabeth Patton Bayne Juliana Berman Robin Louise Blendell Todd Alan Borgwald Angela Faith Brubaker **Gregory Sumner Payne** Brynelson Molly Cook Burgett Lindsay Cobb Carter Christina Eva Cartier Lynne Kathleen Cerullo Theresa Catherine Chihuly Rosemary WonYoung Cho Bryce Ward Clark Batsheva A, Cohen Katie Ann Cole

Jacqueline Ann Coleman Rachel Jan Cook Catharine Elaine Cooper John Thomas Costo Thea Rebecca Crosby-Levine Samantha Ann Damren Stephanie Leigh Davis Marie Sheila Dessources S. Travis DeVolt Jessica Eileen Draughon Brea Nicole Earle Stacie Lynne Ebersold Anna Zaremba Filipczak Theresa Lynn Gaul Devon Lisa Gershaneck Susan Wood Goodall Stacey Ann Graham Katelyn Meghan Greenwood Stacy Marie Gutiérrez Cara Gutterman Kelly Meredith Hagner Timothy P. Havlin Marlecia LaNéi Holland Jeanne S. Hsu Sean Patrick Hurley Olga Jerinic Marlette Evadne Jones Nazarine Tumaneng Jones Kimberly Ann Kaczmarek Ericka Dennell Karas Elizabeth Symonds Kasameyer Lisa Marie Katulis Anita Jane Kellogg Colleen Elizabeth Kennedy Mital R. Khatri So Yeon Kim Yoon Kyung Kim Kathleen Erin Kostka Sarah Rae Kron Claudia Efua Kwakye-Ackah Sharon L. Lack Molly Patricia Lane Lauren Elizabeth Langwith Meliza Ruth Weir Lavin Marta Elizabeth Lea Ruth Ellen Loyer Rebecca Lauren Lozman Penny Middleton Lucas Choy Kate Ma Karin A. Maniktala Maura Ellen Mannering Sara Marie Marcy Stella N. Marine Pamela Ryan Maslen Kristina Marie Massey Lakha Naliath Mathewkutty

Elizabeth Rose McCarthy Sara Micheline McGee Emily R. McGlashon Jeffrey E. McKinney Janet Suzanne McNeely Corlina J. McNeil Alfredo Mireles Jr. Polly C. Molden Islen C. Monroy Eileen Patzke Montgomery Florence Katherine Morris Suzanne Deu Pree Murphy Ravleen Marie Murillo Cathryn Marie Neidlinger Tracy Nobue Nishida Erica Elizabeth Paff Megan Elizabeth Pape Jacqueline Kay Pareso Claire Elizabeth Parker Mary Teresa Paterno Yvonne P. Phun Kelly Ann Plunkett Kurt Porter Stacia Anne Potempa **Emily Anne Ramshur** Anna Rausch Kerry Ann Renner Jaime Erin Richardson Corina Rico Meredith Brae Robinson Kristen Ann Rodrigue Amanda Nicole Roesch Amber Michelle Rogers Megan Elizabeth Rohm Janeen Aleja Rojas Jennifer Anne Rosenfeld Heather Gail Roth Melissa Dawnanne Rowe Jason A. Saucier Megan Drue Sauvager Joseph Erwin Schoeny Lisa Linn Seaman Campbell Doris Sharpe Sara Ann Silberschatz Ryan Kendall Sorenson Jason Thomas Soule Johanna C. Stirling Anne Marie Subelsky Asha Lata Swarup Virginia Leah Syptak Bambi Fay Tatafasa Lauren Nicole Tiso Elizabeth Anne Toffler Maria S. Tsekouras Skylar E. Turner Rachel Ericka Ungar

Jacqueline Marie Wahl Sara Marie Walsh Kathleen Ruth Watkins Kemisha Katisha Wellington Kathryn Breann Wetzel Sarah Nicole Wheeler Kandace Mikel Whiting Jocelyn Ann Whitson Julie Ann Widenhouse Erin Margaret Wright Cassidy Anne Zappacosta Kathryn L. Zephir

#### Bachelors of Science

### The School of Professional Studies in Business and Education

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William Donald Couch, Information Systems Danielle Lynn Crawford, Interdisciplinary Studies William Stanley Davis, Management Janelle Renee Duttenhoffer, Interdisciplinary Studies Kimberly Ann Ellis, **Business and Management** Peppi L. Faulk, Interdisciplinary Studies Jeffrey R. Gahler, Management Bernadette M. Gallagher, Business and Management Gene David Gallaher, Information Systems Andrew Konowicz Garthoff, Business and Management Eric Lofton Gold, Business and Management Laura Ann Gould. **Business and Management** Cindy Greenish, Interdisciplinary Studies Shannon Diane Hagy, **Business and Management** Christina Alexander Hampton, **Business and Management** Amy Marie Hastings, **Business and Management** James Allen Henning, Management Roland Ortiz Herrera, Business and Management John A. Hipps, Management Petra A. Hrabric, Information Systems Ronald Scott Humbel, Management Luther Mason Johnson, Management Hee-Jin Kang, Business and Management Ravindran Shaminda Kathirithamby, Business and Management Christopher Carl Ketterer, Information Systems Carol Ann Lake, **Business and Management** Rhonda Elizabeth Lange, Business and Management Mark Daniel Laskoski. **Business and Management** Dolly Ludwick, Information Systems

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Management

Affan Syed, Information Systems Timea Szell, Business and Management Daniel James Thomas, Information Systems Michael W. Thompson, Management Pamela Walker, Information Systems Todd Avery Walls, Interdisciplinary Studies Barry Russell Walters, Management Dennis Keith Williams, **Business and Management** Candace Jean Winning, Business and Management

#### Bachelors of Liberal Arts

The School of Professional Studies in Business and Education

Anne-Elizabeth Albinak, Humanities

#### Graduate Certificates in Business

#### The School of Professional Studies in Business and Education

Gregory Stanton Abrenio, Information Security Management Elisa Delores Ahmanson, Business Transitions Fabio Camilo Amezquita Lozada, Investments Molly DeBastiani Aston, Information and Telecommunication Systems Roberto Antonio Atiles, **Business of Medicine** Joel B. Aud, Information Security Management Mark Hugo Bacharach, Information Security Management Jennie Margaret Bentz, Information Security Management Robert Reid Bilbrey Jr., Information and Telecommunication Systems

**Business** of Medicine Sanain Boroumand, Information and Telecommunication Systems Geraldine Boudreault, Information and Telecommunication Systems Laszlo Brenner, Information and Telecommunication Systems Elaine A. Brownley, Information Security Management Leslie Ann Burge, Information and Telecommunication Systems Leslie Michelle Campbell, **Business Transitions** Jane R. Caulton, Hopkins Leadership Development Program Donald Joseph Charron, Information and Telecommunication Systems Kwok Houng Cheng, Information Security Management Joseph Michael Cocchiaro, Information and Telecommunication Systems Joseph Randall Compton, **Business Transactions** Jacques Jean-Daniel Coudry, **Business of Medicine** Wallace Cruz, Skilled Facilitator Peter Danyi, **Business of Medicine** Barbara Westwood Diehl, Business Transitions Matthew Richard Doran, Business Transactions Brett Dorr, Business Transitions Brandy Rae Dorr, **Business Transitions** Joseph Drasin, Competitive Intelligence Thomas G. Farrell Jr., Information and Telecommunication Systems Benay Dunn, Information and Telecommunication Systems Darrick A. Early, Hopkins Leadership Development Program

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Scott Reynolds Ellison, Leadership Development Program Sharen Pettaway Epps, Skilled Facilitator Fatemeh Azadeh Farid, Information Security Management Thomas G. Farrell Jr., Information and Telecommunication Systems Ana Fernandez, **Business of Medicine** Louis J. Fleischer, **Business Transitions** Shani Denise Fleming, **Business of Medicine** Richard Mark Fornadel, **Business** of Medicine Alejandro Gandsas, **Business of Medicine** Seanna Renee Garrett, Leadership Development Program Mark Frederick Golding, Information and Telecommunication Systems Diane Eileen Gooch, Information and Telecommunication Systems Kathryn Graham-Young, **Business Transitions** Marie T. Hall. Information and Telecommunication Systems Henry George Harbinson, Information Security Management Carolyn Loraine Harraway, **Business** of Medicine Victoria D. Horne, Hopkins Leadership Development Program Joshua Daniel Tolo Houck, Skilled Facilitator Susan Marie Hunsberger, Information Security Management Marie Ellen Hussey, Skilled Facilitator Maria Mercedes Izquierdo-Whitaker, Skilled Facilitator Antonio Jimeno, **Business of Medicine** Monica Jewell Johnson, Leadership Development Program

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Paula Diane Simnowitz, Information Security Management Denise K. Smith, Information and Telecommunication Systems Henry J. Sobel, **Business of Medicine** Michael Scott Sparks, Competitive Intelligence Cynthia Yvonne Speight, Leadership Development Program Timikia Ann Stamps, Leadership Development Program Mary Kay Stehnach, Information Security Management Rosalyn Walker Stewart, **Business of Medicine** Justin Seth Stuparitz, Competitive Intelligence Sharon Marie Tiebert Maddox, **Business Transitions** Anthony Lazo Tosheff, **Business Transitions** John Dennis Urbach II, Skilled Facilitator Jacqueline P. Wallace, Leadership Development Program Amy Eileen Wallace, Skilled Facilitator Sean Patrick Wardlow, Information Security Management Aaron Cedric White, Information and Telecommunication Systems Larry Oliver Whitney Jr., Information Security Management Geneva Melissa Williamson, Leadership Development Program Dwain Lennard Worsley II, **Business Transitions** Kimberly Kunyu Wu, Information Security Management Yan Xiang, Business of Medicine Limei Zhao, Business of Medicine

Program

Graduate Certificates in Education

### The School of Professional Studies in Business and Education

Sabourah Aliyah Abdunafi, Administration and Supervision Rose Marie Aehle, Teacher Leadership Rose Marie Aehle, Adult Learning Patricia Ann Ahmed, Effective Teacher of Reading Patricia Ann Ahmed, Administration and Supervision Daryl Keith Anderson, Reading and Administration and Supervision Heather Allison Anderson, The Professional Teacher Tiffany Nicole Awkard, Administration and Supervision Nicole Danielle Ayeni, Effective Teacher of Reading Nicole Danielle Aveni, The Professional Teacher Vasantha K. Avilavarapu, Education of Students with Visnal Impairments Michael Martin Ballard, Program Evaluation Amy Bambrick, The Professional Teacher Jennifer Lynn Barr, Earth/Space Science Jennifer Lynn Barr, Instructional Technology for Web-Based Professional Development & Training Allison Mary Becker, The Professional Teacher Suzanne Erika Bell, Administration and Supervision Suzanne Erika Bell, Effective Teacher of Reading George S. Bell III, Leadership in Technology Integration Andrea Marie Bender, The Professional Teacher Heidi Ann Bensman, Leadership in Technology Integration Heidi Ann Bensman, Effective Teacher of Reading

James Lewis Berry Jr., Administration and Supervision Kevin Delaney Bert, Effective Teacher of Reading Kevin Delaney Bert, Administration and Supervision Maria Ivanova Boichin, The Professional Teacher Tamara Michelle Braxton, Effective Teacher of Reading Leslie Ann Bridgett, Earth/Space Science Leslie Ann Bridgett, Teacher Leadership Dawn Brodus-Yougha, Administration and Supervision Amy Elizabeth Goldsmith Brower, Earth/Space Science Heidi Howiler Brown, Gifted Education Heidi Howiler Brown, Effective Teacher of Reading Andrea Veronica Butler, Administration and Supervision Alice Kellar Byrne, The Professional Teacher DeVon Rochelle Caldwell-Brown, Administration and Supervision Kristi Lynn Cameron, Administration and Supervision Francesca Ila Carpenter, Adult Learning Lucy Haslup Carter, Earth/Space Science E. Elaine Cherneski, Administration and Supervision E. Elaine Cherneski, Effective Teacher of Reading Julia Rose Cimino, Administration and Supervision Rebecca Lee Clark, Administration and Supervision Kathleen Ann Cohan, The Professional Teacher Nancy Beth Cohen, Effective Teacher of Reading Antonetta Angela Como, Administration and Supervision Antonetta Angela Como, Teacher Leadership Alexis Bakrim Cotay 3rd, Administration and Supervision Peggy L. Crum, Effective Teacher of Reading

Cecilia Lenore Cruse. Administration and Supervision Bonnie Caryn Cutler, The Professional Teacher Bijul Dalal, Administration and Supervision Margaret Katherine Dallam, Educational Leadership for Independent Schools Richard Michael Darago, Administration and Supervision Heather Avne Davin, Education of Students with Visnal Impairments Jennifer Leigh Dennis, English as a Second Language Instruction Jennifer Leigh Dennis, Effective Teacher of Reading Brad Robert DeSantos, Leadership in Technical Integration Ann Beth Dolan, Administration and Snpervision Heather Farrell Down, The Professional Teacher Jennifer Lynn Eig-Simmons, Effective Teacher of Reading Angela L. Engel, Effective Teacher of Reading Reyna Suzanne Farber, The Professional Teacher Geoffrey Sorin Favero, Administration and Supervision Stacey Lynn Frazelle, The Professional Teacher Jodi Lenoir French, Administration and Supervision Jason George, Educational Leadership for Independent Schools Margarita Erika Gerharz, Administration and Supervision Candace Sheree Gibbs. Administration and Snpervision Shavne Elizabeth Gifford, English as a Second Language Instruction Shavne Elizabeth Gifford, Effective Teacher of Reading Kelly Kristan Goodman, Technology for Multimedia & Internet-Based Instruction Kelly Kristan Goodman, Effective Teacher of Reading

Lisa Hope Gottlieb, Gifted Education Lisa Hope Gottlieb, Administration and Supervision Julie Lynn Grant, The Professional Teacher Mada Lynne Gray, Professional Teaching Thomas Mezey Gray, Administration and Supervision Donna Kreh Greenleaf, Administration and Supervision Ronald Arthur Grove, Administration and Supervision Craig William Gruber, Administration and Supervision Natalie Joy Hannon, Teaching in Higher Education Maria Yvonne Harris, Administration and Supervision Christina Lauren Hataway, Leadership in Technology Integration Amie Jo Nicole Havens, Administration and Supervision Christopher Robert Heim, Educational Leadership for Independent Schools Timothy Vernon Hoffman, Earth/Space Science Timothy Vernon Hoffman, Administration and Supervision Laura Michelle Hook, Administration and Snpervision Michael Anthony Hunt, Administration and Supervision Roseita Inman, Administration and Supervision Steffi Jost, Education of Students with Autism and Other Pervasive Developmental Disorders Jeanine Marie Kandrac, Administration and Supervision Mark Jeffrey Kather, Earth/Space Science Catherine Mary Kern, The Professional Teacher Trisha Leigh Kessler, Earth/Space Science Trisha Leigh Kessler, Administration and Supervision Michelle Yuknus Kiser, The Professional Teacher

Razia Fathima Kosi, Administration and Supervision Mary Therese LaRue, Administration and Supervision Mary Jean Lese, Administration and Supervision Jean West Lewis, Administration and Supervision Diana Lovingfoss, Administration and Supervision Sharon Gail Mabbott, Leadership in Technology Integration Sharon Gail Mabbott, Administration and Supervision Joyce Elizabeth MacCrory, Educational Leadership for Independent Schools Jill Marie Maenner, Gifted Education Kristen Marie Mankulish, Effective Teacher of Reading Kristen Marie Mankulish, Teacher Leadership Gregory Matthews, Effective Teacher of Reading Erin Eileen McGinnis, Technology for Multimedia & Internet-Based Instruction Allison Marie McKinney, Education of Students with Visual Impairments Bridgette Darensbourg Miles, Technology for Multimedia & Internet-Based Instruction Deborah Michelle Miller, Earth/Space Science Citlali Miranda-Aldaco, Leadership in Technology Integration Samantha Jane Mitchell, Differentiated/Inclusive Education: Advanced Methods for Instruction Samantha Jane Mitchell, Administration and Supervision Laura Ellen Montgomery, Effective Teacher of Reading Marla Jo Mooney, Effective Teacher of Reading Marla Jo Mooney, Administration and Supervision Diane D'Ambrosio Morris, Administration and Supervision Kimberly M. Moses-Boyce, Administration and Supervision

Wendy Anne Mundis, Administration and Supervision Claudia Jean Murphy, Administration and Supervision Lisa Oberlander Narges, Effective Teacher of Reading Lisa Oberlander Narges, Administration and Supervision Martha Moulton O'Hehir, Educational Leadership for Independent Schools Anne Louise Olson, Education of Students with Visual Impairments Anita R. O'Neill, Administration and Supervision Andrew Arthur Parsley, Administration and Supervision Michelle Hubert Pegram, Administration and Supervision Wanda S. Perez, Administration and Supervision Nicholas Ryan Perrone, Administration and Supervision Monique Sharai Pierre-Philippe, Administration and Supervision Ellen Tress Potter, Administration and Supervision Ellen Tress Potter, Earth/Space Science Andrea Ellen Rea, Education of Students with Autism and other Pervasive Development Disorders Rhonda Lynn Richetta, Effective Teacher of Reading Rhonda Lynn Richetta, Administration and Supervision Regina Marie Riley, Differentiated/Inclusive Education: Advanced Methods for Instruction Regina Marie Riley, Gifted Education Jennifer Rebecca Robbins, Effective Teacher of Reading Jennifer Rebecca Robbins, Administration and Supervision Theresa Marie Rohrer, The Professional Teacher Janelle Charlene Rucinski, Leadership in Technology Integration Janelle Charlene Rucinski, Gifted Education

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#### Masters of Science

The School of Professional Studies in Business and Education

Gregory Stanton Abrenio, Information and Telecommunication Systems Roselyne W. Adetolu, Information and Telecommunication Systems Rose Marie Aehle, Education Ammar Sheikh Ahmad, Information and Telecommunication Systems Patricia Ann Ahmed, Education Elizabeth Giffen Al-Atrash, Connseling Cynthia Mariam Alexander, Special Education Gianna Marie Allentuck. Connseling Michael Andrew Allred, Management Carolyn Rose Altuner, Education Juan M. Aniava, Finance Paulette Allen Anders, Counseling Daryl Keith Anderson, Education Geoffrev Stuart Anderson, Finance Nicolle Marie Anthony, Education Kaneene Marie Armstead, Education Keith J. Arnold, Education Heidi Elizabeth Ashton, Counseling Robert W. Ashton, Management Oguzhan Atay, Finance Frances Venetia Aleta Atkinson, Marketing Joel B. Aud, Information and Telecommunication Systems Nicole Danielle Aveni, Education Vasantha K. Ayilavarapu, Special Education Mark Hugo Bacharach, Information and Telecommunication Systems Kathleen McCully Bakke, Organization Development and Human Resources

Kathryn Leigh Baldino, Education Robert Wesley Baldwin, Management Michael Martin Ballard. Education Michele Renee Banks, Information and Telecommunication Systems Robert Michael Bannon, Information and Telecommunication Systems Cleveland Anderson Barnes Jr., Management Katherine LeeAnne Barnett, Education Elizabeth Greer Barowski, Special Education Jennifer Lynn Barr, Education Debra Suzanne Barrow, Information and Telecommunication Systems Andrea Garitee Batton, Connseling Barry Francis Beck, Management Michael Emmanuel Beidler, Information and Telecommunication Systems Susan Beth Belcher, Special Education George S. Bell III, Education Suzanne Erika Bell, Education Jana A. Belsky, Counseling Erika Stephanie Benke, Connseling Jason Benkert, Information and Telecommunication Systems Todd Andrew Bennett, Counseling Heidi Ann Bensman, Education Jennie Margaret Bentz, Information and Telecommunication Systems Kevin Delaney Bert, Education Charles Boyer Betancourt, Real Estate Rajul Mahendra Bhatt, Information and Telecommunication Systems Simran Deep Bhullar, Real Estate Bo Bi, Finance Michael David Bice, Connseling Deborah Helen Pierce Black,

Connseling

Andrew Simon Blumberg, Marketing Steven Edward Bodway, Management Allison Kyna Boland, Special Education Barbara Weathers Bosco, Education Dawn Denise Maddox Bouder, Connseling David Alton Michael Brackett, Education Elizabeth Ann Breen, Special Education Levi Yosef Breuer, Counseling Denise Ward Brewer, Special Education Leslie Ann Bridgett, Education Arne Brinck, Information and Telecommunication Systems Teresa Anne Brodt. Special Education Jonathan David Bronfeld, Counseling Shari Brower, Organization Development and Human Resources Amy Elizabeth Goldsmith Brower, Education Heidi Howiler Brown, Education Donald P. Brown, Information and Telecommunication Systems Frances Penelope Brown, Information and Telecommunication Systems Anne Elizabeth Brown, Counseling Michael Andre Brown, Special Education Amy Elizabeth Chance Buckingham, Education Bryan Lee Bucklin Jr., Special Education Richard Joseph Bundro III, Finance TaMara Rose Campbell, Education Darlene Joy Campbell, Organization Development and Strategic Human Resources Joanna Williams Campbell, Counseling Margaret Kemunto Campbell, Finance

Andre Lamont Carr, Education Gail Melanson Carr, Connseling Lucy Haslup Carter, Education Rhonda Schneider Casas, Special Education Robert George Casper, Connseling Jaken Tyree Caston, Education Anitha Chandran, Information and Telecommunication Systems Sung Moon Chang, Finance Poyen Chang, Finance Jeanie Yu-Gin Chang, Marketing Tracy Lynn Chapman, Information and Telecommunication Systems Debra Frances Charles, Finance Scott Harry Chatelain, Organization Development and Human Resources Kasim Mohammad Chaudhry, Information and Telecommunication Systems Kwok Houng Cheng, Information and Telecommunication Systems E. Elaine Cherneski, Education John R. K. Chichester, Real Estate Shen-Pang Chien, Education Chae Won Cho, Information and Telecommunication Systems Eugene Christopher Chong-Qui, Education Sarah Chung, Counseling Benjamin Lawrence Circa, Real Estate Terrence L. Clark, Management Michael Thomas Clark, Organization Development and Human Resources Joseph Michael Cocchiaro, Information and Telecommunication Systems Donna Lynn Cohen, Special Education Shayna Elyse Cohn, Education Dona Breland Collins, Organization Development and Human Resources

Stephanie Ann Comegys, Connseling Antonetta Angela Como, Education Donald Anthony Cook, Information and Telecommunication Systems Clarissa Cooper, Education Juliana Spector Cordell, Special Education Adell Maxine Cothorne, Education E. Randy Cox, Information and Telecommunication Systems William T. Crawley III, Real Estate Amy L. Criswell, Marketing Jeffrey Croissette, Management Richard Scott Crowley, Real Estate Brian Albert Crozier, Information and Telecommunication Systems Laura Megan Cubarney, Organization Development and Human Resources Rana Mohammad Dalbah. Finance John Aubrey Damskey Jr., Management Meghan Scott Daniel, Education Dana J. Darney, Counseling Edward Davey, Management Henri Roberts Davis, Connseling Shannon Marie Davis, Education Brandi Lynn Dean, Education Barbara R. DeAngelis, Connseling Sandra Marie DeFelice, Real Estate John Joseph DeLucca II, Management Kristen May Denahan, Connseling Thomas Christopher Denault, Management Jennifer Leigh Dennis, Education Patrick Clark Dennison, Education Kamal K. Dhingra, Information and Telecommunication Systems

Beth A. Diamond, Connseling Lisa Ariele Diamond, Special Education Paula Diaz Menafra, Organization Development and Human Resources Rebecca Shinobu Dickerson, Marketing Michael Keith Dillon, Management Sandra M. Dillon, Management Kathleen Celeste Dobropolski, Organizational Development and Human Resources Maribeth Ann Donohue, Special Education Ilona Doerfler, Real Estate Alan Neal Drandoff, Connseling Joseph Drasin, Information and Telecommunication Systems Dianne Anthea Natasha Dreesman, Information and Telecommunication Systems Russell Thomas Dreesman, Information and Telecommunication Systems Nina S. D'Souza, Information and Telecommunication Systems Jimmy Verceles Dulay, Management Shelly M. Duncan, Organizational Connseling Charlotte B. Dunlap-Clark, Education Helen M. Dunne, Organization Development and Human Resources Kristen Barstow Duracka, Education Jamieson Giroud DuRette, Education Michael John Dwonzyk, Real Estate Lisa M. Dyer, Connseling Jennifer Janell Dykes, Education Thomas Christopher Eacho, Education Kristen June Edma, Connseling Brenda Ann Edmonds, Information and Telecommunication Systems Devin Raymond Edwards, Information and Telecommunication Systems

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Telecommunication Systems

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Kristine Korva,

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Aristotle Joshua Moshi,

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Niphasone Souphom,

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#### Masters of Business Administration

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Jared Daniel Cohen Ronald W. Connelly Jr. Robert L. Connors Steven Chester Cooley Christopher J. Corbett Duane David Cordrey Lisa Langlois Coronado Christopher William Crooks Gregory James Crosland Kevin Clarence Crysler Barbara Jean Cvek Kathlyn L. Dangcil Michael Zev Daniel Ajit Kumar Das Mark Philip DeBaugh Wei Ding Milton R. Dodge Jr. Kristina Lynn Dodson Moira Parnin Donahue Charles Edward Donalies Chad James Doran William James Doyle Andrew Henry Drechsler Maximiliano Duarte Rena Lynn Dye Christine Marie Dzara Lorrie L. Eakin Anbarasi Edward Raj Lisa Napoli Edwards Lisa Marie Eley John B. Ellis Jennifer L. Ellis Zeynep Ersel William Lawrence Eubanks William Robert Fannon Jr. Bassam S. Farroha Timothy William Fetter David Robert Finan Todor Bozhidarov Finkov Robert Stephen Fischler Rhonda S. Fishel Rhiannon Marie Fitzsimmons Marie-Christine Fogt Christopher Bryan Fowble John Avery Francis Randal David Frey Daniel Thomas Friedel Martin Friedman Margaret Wambui Gachuru Jaideep S. Ganguli Zhigang Gao Edwin S. Gaynor John Alexander Gephart Supriya Ghosh Paul Gidney Patricia J. Gilles

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Michele Lynn Kontaxes Chandrasekhar Koralla Irina A. Koval Catherine Stark Kowalewski Brandon Jefferson Kriner Mahesh Krishnamurthy Sheri Alison Kurman Elias Lakew Michael Hill Lamdin David Arthur Langer Stanley Philip Laucks Jr. Nancy Ann Laurine Lisa Marie LaVina Kristen Lynn Leadbeater Yun K. Lee Jennifer May Lee Ryan Charles Legge Tan Lei Diane O'Farrell Leighton Takeisha LaVonne Lester Mark Daniel Lewis Tongyan Li Chien-Hao Liao Guoxiang Lin Sebastien G. Lorenzo Stephanie Fillon Lorenzo Joshua Todd Lozman Katherine Crawford Luber Noah Douglas Luther Stacey A. Lyons Alphonse Leon MacDonald Mark Alan Machulcz Stephen Charles Madaras Jr. Rafael J. Mael Melissa Marie Maheu George Harr Malas Joe Marshall Jason Robert McDonald Jason Scott McKitrick Luke Constantine McLaren Michael J. McShea Mandi Greenberg Miller Karen Michele Miller Roxie Demetra Mitchell Alejandro Daniel Moglia Sepideh Sophie Mohajer Bahador Momeni Jessica Margaret Morin Joseph D. Mosca Scott Andrew Mummert Nicole Elizabeth Newburg-Rinn Mary Anne Joseph Nidiry Kwame Poku Nimo Patricia Omelebele Nsien Scott Weston Nuernberger Chichi Wambere Nyagah-Nash

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#### Masters of Arts in Teaching

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Elizabeth Ann Austin Courtni Lauren Ball Magali Barbaran Cynthia Lou Bartolomeo Brein Ann Bashore Angela Joy Batastini Wendy Therese Bates Jaime L. Bauer Mia Olivia Beauttah Shiva Behradnia Tanya Michelle Bellamy Erin Marie Binns Stefanie Marie Bistak Judith Joanne Blackman Brooke Marguerite Bohnet Dawn Marie Bornheimer Mary Catherine Bowman Wang Daniel Bart Boyles Taniara Michelle Braxton Tyrone Emanuel Brown **Jillian Patrice Brown** Vernita Michelle Brown James Lester Burchfiel Evelyn Calamari Adrienne Elizabeth Canull Barbara Michelle Caraballo Tasneem Baten Carey Connie Liao Chang Mandana Choubineh Tanya Michelle Christian Tia Lavette Coutroupis Robert M. Curley Carla Annette Daniels Andrea Kristin Daugherty Marcus Javon Davis L. E. de Rivaud Kelly McCrory Deckelman Alicia Maria Deeny Susan Ellen DeFrancesco Meredith Marie DeGemmis Bethany Christina DeHerrera-Schnering Adrianne Marie DelCotto Carol Ault Dembicki Shane M. Devlin Carolyn L. Dorworth Tawney Lashawn Downing Meredith Leigh Drye Linda J. Durr Rebecca Elizabeth Edwards Hazel E. Edwards Amanda C. Ellison Debra Harriet Fauber Alexandra Marie Feor Diana Lynn Filo Justin Keith Fisk

Michael Edward Francis Melissa Nancy Freedman Megan Louise Friedman Frances Anne Galante Sara Jane Gerrish Rodney Alexander Giddens Susan Intyre Glick Meghan Jenifer Goetz Elizabeth Anne Gordon Alexander Richard Gordon Laura Ruth Grabowski Sarah Marie Grams Susannah Livingston Greenberg Lynn Elizabeth Grode Robert G. Guise Patrick Michael Hagarty Chervl Denise Harris-Lee Maureen Anne Heim Katherine Elizabeth Henschel Tracey Reagan Herling Jessica E. Hill William Howard Hill Jr. Kathryn Brooke Hilton Christina Marie Hoffman Jennifer Lynn Holm Carrie Ann Holmes Mary Dayamora Holmes Robert Bruce Hyde Sandra M. Isom Robert Trent Jackson Zachary Jaffe Sakura Grayce Johnson Lauren Ann Johnson Stephanie S. Johnson Dana Ashley Jones Cathy Lee Jones Kara A. Kearney Hannah Keith Peter Francisco Kenah Joseph R. Kilcovne Yoo Sung Kim Sangeet Kindra Paul Klein Alexandra H. Kollias Stacie Lynn Kovens Anne Leigh Kreamer Lawrence Ye-kang Lao Joel LaTorre Toniann Laurenza Victoria Elizabeth Lavely Stephen Kinon Lecholop II Julia Hyun Lee Penny Rosse Lee Annemarie Leonardelli Renard Lewis

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Elizabeth Lee Reisinger N. Marie Reneman Shane Julia Richardson Michelle Eileen Risdon Jon Andrew Rogers Catherine VanVlack Rothman Cristina Roubik Michelle June Roux Toby J. Salahuddin William Ansel Sanders Tara Maxine Sanguinette Sarba Sarkar Diana Jenving Yu Schneider Paul Anthony Schwinn Daniel Stephen Selsky Lisa Marie Shapiro Marnie Lissa Shrader Amrit Kaur Singh Jacqueline Christine Skapik Keith David Snyder Sarah Catherine Socia Cindy Leigh Spitzer Paul Alphonse Stagnitto Lindsey Ann Startt James B. Stedman Smaroula Georgina Stephens Noah Sternchos Nicole K. Stewart Jeninne Marjorie Stewart William James Stolis Diana Lanham Sullivan Elizabeth Jean Tabone Madhuri Tallapragada Jennifer Rothberg Tanzi Alan Scott Tanzi James Nelson Taylor Jr. Sarah Katherine Thomas Linn Elizabeth Thorburn Natasha S. Thurmon Robert Wade Tomlinson II Laura Kathryn Turner Melissa Marie Umezaki Erin Leah Vaughn Ritu Virmani Kelly Barrett Vollmer Mary Elizabeth Wang Brittny L. Washington Sarah Elizabeth Webb Stefanie Gail Weldon Kelsey Adam Welty Catherine M. Wesner Margaret Elisabeth Weston Sean Patrick White Eric Ian Whitehair Kelly Ann Wickersty Amy Beth Williamowsky

Jennifer Anne Wilson Sara Ann Winter Jessica Catherine Wise Kathryn Grace Woodall Bridget Ann Wrightson Courtney Elizabeth Yeeles Julie Ziegler

#### Post-Master's Certificates in Business

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Emanda Beth Lenet, Clinical Community Counseling Susan Aschheim Levine, Clinical Community Counseling Marjorie Jeanne Lotz, Spiritual and Existential Counseling & Therapy Nicole Marie Mancini, Clinical Community Counseling Marie E. Mastracco, Spiritual and Existential Counseling and Therapy Stephanie Anne McAtee, Clinical Community Counseling James Michael Reeder, Spiritual and Existential Counseling and Therapy John R. Rogers, Organizational Counseling Ronald Leroy Webb, Clinical Community Counseling Loretta Ellen Widman, Clinical Community Counseling Willetta Marie Wilson, Clinical Community Counseling

#### Certificates of Advanced Graduate Study

### The School of Professional Studies in Business and Education

Beth Yvonne Adkins, Counseling

#### Masters of Science in Nursing

### The School of Nursing

Alida D. Alden Demetra Bastas Emily Marie Beck Carole Ringgold Blakeley Colleen Ann Blough Robin Courtney Brand SiewLee Cheng Rona Deniro Corral Jeanette Margaret Diaz Amy Marie Emerling Dorian G. Frackelton Tykise LaJuan Hairston Peter Joseph Herrick-Stare Georganne Jambeter Joyce Marie Kane Kathryn Marie Klump

Amy Lynn Lavarias Lori Rachelle Marso Maria Helena Mikulski Anjana Manhar Patel Cindy Lee Presler Ejeanée Denise Queen Sharon Elaine Huertas Radoc Melissa Jeanne Roman Christen Ann Sanchez Melissa Ann Smith Linda Leann Smitz Tina Maria Tolson Christina Lee Ling Tom Sandra Livia Watt Angela Estella Wilkins

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

#### The School of Nursing

## The School of Professional Studies in Business and Education

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

#### The School of Nursing

#### The Bloomberg School of Public Health

Kamila Anise Alexander Melissa Ann Anton Katherine Elizabeth Church Cherie Ann Fulk Laura Michelle Kaczmarek Diane Elaine McFadden Aisling Clare McGuckin Jamie Lynn Mignano Tam Hieu Nguyen Amanda Elizabeth Slagle

### Graduate Performance Diplomas

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Nozomi Abe, Percussion Yoonjin Bae, Violin Yuriy Bekker, Violin Ana Zorana Brajovic, Conducting Wei-Yi Chang, Bassoon Minsun Choi, Violiu Young-Im Choi, Piano Hee Youn Choue, Piano Petko Markov Dimitrov, Conducting Angeli Jemilda Ferrette, Voice Catherine Marie Green, Voice Christopher Hamlen, Double Bass Hae Jeong Han, Violin Elizabeth Ann Healy, Opera Jesse Edward Irons, Chamber Ensemble Jee-Hye Sophia Kang, Violin Jiyoon Kim, Violin Najin Kim, Violin Soonyeon Kim, Voice Barbara Kleewein, Violoncello Heuiseung Lee, Piano Carey Micah Lewis, Violin Robin Fay Massie, Viola Joo-Young Moon, Piano Aimo Pagin, Piano Benjamin Jinwon Park, Opera Go Eun Park, Violoncello Su Young Park, Violin Yu Jung Park, Piano Erin Renee Riley, Voice Daniel Greene Seigel, Opera Lucas Andrew Tannous, Opera Charity Sunshine Tillemann-Dick, Voice Sita Wittkemper, Flute

#### Masters of Music

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Jeffrey M. Alban, Organ Jorge Alejandro Amaral Agresti, Guitar Jahyun An, Violin Michael John Angelucci, Piano Rebecca Crossley Blank, Musicology Federico Bonacossa, Guitar Marla Teresa Bracco, Violin Erin Brittain, Voice Conrad Kenneth Buck, Voice Jason Buckwalter, Voice Heather Alicia Caulton, Music Education Megerete Hsi-Han Chang, Piano and Pedagogy Hui-Chuan Chen, Piano Ya-Ting Chen, Viola Na Young Chi, Composition Sonya Yoo-Kyung Chung, Violin Natalie Rose Conte, Voice Karen M. Cook, Musicology and Music Theory Pedagogy Darcy Elizabeth Crum, Voice Elspeth Davis, Voice Heather Kathleen Davis, Voice Sarah J. Davis, Voice Matthew Polak Dingels, Voice Tandy Edward Dix, Music Theory Pedagogy Christopher James Mitchell Dudley, Voice and Pedagogy Rebecca A. Duren, Voice Ryan Scott Ebright, Musicology and Voice Scott Power Elliott, Voice David William Faleris, Trombone Roger Farwell, Gnitar Melany Elizabeth Felsen, Clariuet Erin M. Firnhaber, Voice Tucker J. Fuller, Composition Christopher Joseph Gainey, Composition, Guitar, and Theory Pedagogy Rogelio Garza, Clarinet Tao Ge, Trumpet Grant Austin Boyd Gilman,

Couducting

Rose Mary Hammer, Computer Music Performance Karin Miranda Hall Hardin, Viola Jondra A. Harmon, Voice Matthew Heil, Voice Sarah Kate Hershman, Voice Angela Hodgins, Voice Timothy Joseph Hoft, Pedagogy and Piano Hilary H. Hogan, Voice Ying-Chen Kao, Composition Jiyoung Kim, Violin Min-Joo Kim, Piauo Nun Song Yi Kim, Clarinet Young Jin Kim, Piano David Campbell Kirkwood, Voice Cordelia Lam Kirkwood, Piano Reginald Allen Lamb, Double Bass Brian Karl Lange, Wind Conducting Alysia Danielle Lee, Voice Jung Min Lee, Piano Kyungmi Lee, Computer Music SooYeun Lee, Violin Pin Hsin Lin, Composition Wan-Ju Lin, Piauo Ching-hsuan Lu, Piano Rosemary Jillian Maeder, Music Theory Pedagogy Jessica Lynn Medina, Voice Mary Catherine Moroney, Voice Russell Andrew Nadel, Composition Jae-shin Noh, Violin Hyun Kyung Park, Violiu Karl Eric Pedersen, Viola Meredith Piplani, Voice Patricia R. Puckett, Musicology Robert Patrick Rafferty, Guitar Joseph Cole Regan, Voice Melanie Zayas Regan, Voice Joung-Hwa Rhee, Violin Anthony Rivera, Wind Conducting Elizabeth Anne Robinson, Trampet Erikson Rojas, Piano Michelle S. Seipel, Voice Kevin James Shannon, Guitar Regina Shenderovich, Piano Andrew Shryock, Musicology

Kathleen Erin Singles, Musicology and Flute Perry Pakhin So, Conducting Tara Rachele Stafford-Frank, Voice Elizabeth H. Stewart, Voice Pomice Stoltzfus, Composition Laura Strickling, Voice Jennifer S. Stulman, Double Bass Kyle Ronald Szabo, Violiu Jennifer L. Trimble, Piccolo Huai-En Tsai, Trombone Chia-Jung Tsay, Piano and Pedagogy Travis Wolfgram Wanner, Voice Kevin Blair Wetzel, Voice Joshua Mark Wilson, Voice Shu-Ting Yeh, Piauo Shu-Ting Yao, Violin Li-Hsuan Yu, Violin Edward James Zaryky, Percussion

#### Masters of Arts

## The Peabody Conservatory of Music

William Lee Ashbaugh, Andio Sciences and Recording and Production
Sarah Gray Brown, Audio Sciences and Acoustical Studies
Kether W. Darshan, Audio Sciences and Audio Design
Austin Campbell Edell, Audio Sciences
Robert Saylor, Audio Sciences and Acoustical Studies
Thomas Meriwether Jones, Andio Sciences and Recording Arts and Sciences

Martin Philip Shultz, Violin

#### Masters of Science

Bloomberg School of Public Health

Alissa Marie Bovee, Health Behavior and Society Sean Thomas Byrne, Molecular Microbiology and Immunology Ricardo Azevedo Pontes De Carvalho, Clinical Investigation Yen-Chun Chen, Molecular Microbiology and Immunology Chia-Yi Cheng, Biochemistry and Molecular Biology Brendan A. Klick, Biostatistics Mariana Lazo-Elizondo, Epidemiology Eleanor Katrine Reed. Health Behavior and Society Yoona Rhee, Biochemistry and Molecular Biology Suzanna Schott, Health Behavior and Society Hua-Ling Tsai, Biostatistics Grace Amantha Tyndall, Biochemistry and Molecular Biology Meredith Alison Weaver, Health Behavior and Society Daniel Shih-en Yuan, **Biostatistics** Lei Zhang, Biostatistics

#### Masters of Health Science

Bloomberg School of Public Health

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and Management Lindsey Biagina Borgia, Biochemistry and Molecular Biology Sarah Elizabeth Bradley, Population and Family Health Sciences Tammy McLoughlin Brady, Epidemiology Amy Brown, International Health Amy Susan Buchanan, Mental Health Carolyn M. Carpenedo, Mental Health Carmen A. Carrillo, International Health Terrell Cline Carter, International Health Kerri Cavanaugh, Epidemiology Chao-Ling Chang, Biostatistics Hsien-Yen Chang, Biostatistics Ying Che, Health Policy and Management Charlene Jen-Lin Chen, Epidemiology Judy Chen, International Health Liwei Chen, Biostatistics Peter Benjamin Chi, Epidemiology Dong Won Choe, Biochemistry and Molecular Biology Audrey Yu-Lei Chu, Epidemiology Nelson Ta-Ching Chuang, Mental Health Meghan Elizabeth Claffey, Health Behavior and Society Lauralea Colamussi, International Health Stephen Orion Courtin, International Health Kelli Lynn Crabtree, Biochemistry and Molecular Biology Michelle Bao-Ngoc Cung, Biochemistry and Molecular Biology Heather D'Angelo, International Health Michael Andrew DePetrillo, International Health Arjun Jayantakumar Dirghangi, International Health Peter Lawrence Dixon.

Environmental Health Sciences

Nisha K. Bhateja, Health Policy

Annie Xiaoshu Du, Biochemistry and Molecular Biology Mona Duggal, Epidemiology Sorina Elena Eftim, Biostatistics Michal Engelman, Population and Family Health Sciences Elizabeth Ann Engimann, Environmental Health Sciences Kathryn Jean Eubank, Epidemiology Adam Jacob Fineman, Environmental Health Sciences Kimberly Autumn Forde, **Clinical Investigation** Lauren Bethany Frank, International Health Terri Jin Hee Fraser, International Health Felicia Yelena Frizzell, Biochemistry and Molecular Biology Eri Furukawa, Environmental Health Sciences Christopher Michael Garcia, Environmental Health Sciences Roland Girardet. Environmental Health Sciences Iana Christine Goins. International Health Preetam Gongidi, Biochemistry and Molecular Biology Gregory Harron Gorman, Epidemiology Alena Jenny Groopman, Environmental Health Sciences Danielle Lorraine Halpin, Molecular Microbiology and Immunology Erin Margaret Hansen, Population and Family Health Sciences Christopher Raymond Hippolyte, Biochemistry and Molecular Biology Glenn Aaron Hirsch, Epidemiology Maya Elan Holt-Brockenbrough, Health Policy and Management Johnny Tz-Chieh Hsu, Biochemistry and Molecular Biology Linda Cha Hubbard, Molecular Microbiology and Immunology Jeffrey Lee Hung, Biostatistics

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#### Masters of Public Health

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#### Master of Arts in International Affairs

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### Masters of International Public Policy

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## Master of Arts

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Doina Cebotari Iride Ceccacci Oytun Celik Lorna Chan Arianna Checchi Steven K. Chesney Stephen Chien Seong-Jun Cho Cara Nicole Christie Patricia Chu Angelo Ciavarella Alexandru Coita Nicole Y. Convery Daniel Cooper Phillip Edouard Cornell Sladjana Cosic John Crawford Tammy Crittenden-Kenyatta Caroline Dion Cullinane Kristy J. David Elizabeth J. Davis Kent Elizabeth Davis-Packard Paola de Angeli Hester Marie DeCasper Payton W. Deeks John Mason Denton Jennifer Joan Derstine Joshua Mark Devon Leigh DeWine Ruben-Erik Diaz-Plaja Kumuda Dorai Jonathan S. Dunn Oahira A. El'Amin Miriam Elizabeth Elder Jonathan Adam Emmert Onur Erdem Asli Ceren Erdogan Joseph C. Erlich Alice Basya Faibishenko Mollie Morrison Fair Katharina Ferl Thomas Charles Field Jr. Bon Everage Fleming Clemens I. Flink Yurika Marie Foster **Olivier Francois** Antara Ganguli Ioanna Ganson Eva Fernandez Garza Christopher Paul Gaukler Scott Gaul Christiane Silke Gerber Emily Lorraine Gerry James Thomas Gibney IV Arielle Fgan Giegerich Abigail D. Goss

Christina Greene Daniel Yochanan Grunberger Lucia Maria Guerra Bradford Armine Gulediian Rvan Douglas Hahn Sophia Cecilia Hardy Kirsten Johanna Harlow Aaron Anthony Harms James Lindley Hathaway Kathleen Marie Heesch Loren E. Heinold Soren Anders Heitmann Adam Ross Hemphill Goranka Cop Henegar Thomas W. Henneberg Patrick S. Hettinger Jeffrey Todd Holland Leslie D. Hough Mohammed Moin Hussaini Emily Elizabeth Hutchinson Phu Huvnh George Mason Ingram Diana Geula Iskelov Jacob G. Israelow Rajinda Jayasinghe Alexander Nicholas Jett Bianca Nicoleta Jinga Timothy J. Junio Johanna Kalb Mary Helen Kalemkerian Omario S. Kanji II Aashray Kannan Ivan P. Kerbel Sherrice L. Kerns Steven Wilson Kerrigan Charles Kewish Cynthia Khatib Arthur G. Kirby III David Jason Kligerman Alexander Halsband Kliment Felix Knidlberger Dusan Kovacevic Jeffrey Alexander Kozlowicki Laura MarieKrantz Christopher Michael Kuzmuk Kenneth M. Lam Nathan Lane Roderick Latham Giovanna Lauro Shane Lauth Ann Young Lee Ann Lee Gregory Levin James Jay Lewis Lily Lily Christina A. Ling

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Ian Alexander Rainey Rushmi Ramakrishna Graeme Edward Ramshaw Stefan Rattensperger Edward Thomas Rebholz Jr. Casey Elizabeth Reckman Pollock Lauren L. Reese Benjamin Rempell Sophie F. Reuning Geoff G. Revell Steven Matthew Riccardi Scott Thomas Rickards Petra Righetti Susana Cristina Rodriguez Na'ama Ron Jennifer Rosenblum Michael Edward Rosenthal Aaron K. Roth Danielle S. Rudstein Rebecca M. Ruf Johan Ivar Saebø Hamir K. Sahni Stephanie Salazar Shalini Sankaranarayanan Carlotta SaporitoSaporito Elena Charis Savvides Carrie Marie Schenkel Heather Mika Schluckebier Sybille Schmidt Dina Lucy Schorr Kathryn Dubik Schwarz Shannon Seibel Gary Sharkey Izola T. Shaw Michael Shekleton Oian Shen Seiichi Shimasaki Arati Shroff Timothy JohnShumaker Joy Siew Raquel Rosario Silva Jeanne Christine Simon Zorawar Daulet Singh Michelle Sivert Nicholas Matthew Alexander Smith Marialuz L. Soriano Randall Spadoni Allen Stack K. Whitney Stanco Alicia Nishani Subasinghe Abigail Weeks Sullivan Hui-Chuan Sung Antonio Tasso Bragança Samantha Test

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#### Masters of Science

#### The School of Medicine

Edward Bentley Bunker, Health Sciences Informatics

#### Masters of Arts

#### The School of Medicine

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### Certificates of Continning Engineering Studies

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#### Graduate Certificates

The G. W. C. Whiting School of Engineering

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#### Masters of Arts

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## Masters of Chemical and Biomolecular Engineering

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#### Masters of Civil Engineering

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#### Masters of Science

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Candidate Genes for Nonsyndromic Oral Clefts. Varduhi Petrosyan, *Health Policy and Management*. Determinants of Health Care Spending Using a Cointegration Approach. Allison Marie Pledgie, Biochemistry and Molecular Biology. The Molecular Pathways of Polyamine Catabolism in Human Breast Cancer Cell Lines. Keshia Marie Pollack, Health Policy and Management. The Impact of Body Mass Index on Nonfatal Traumatic Occupational Injury in Hourly Manufacturing Employees. Robin Averill Pollini, Epidemiology. Drug Overdose: Risks, Responses and Treatment Seeking Among Injection Drug Users in Baltimore, Maryland. Chrissy E. Prater, Biochemistry and Molecular Biology. Antisense Oligonucleotides Directed to the HIV-1 Rev Response Element: Effects of Nucleotide Modification on Oligo Binding Affinity, Nuclease Stability, and Cellular Uptake. Yandong Qiang, International Health. Incidence and Severity Dual Modeling in Vaccine Evaluation. Rajeev Ramchand, Mental Health. Clocking Out: Adolescent Work Experience and Drug Involvement in an Urban Environment. Amira Albert Roess. International Health. Risk Factors for Antibiotic Resistant Infections in a Rural Developing Country Setting: Human and Animal Agricultural Antibiotic Use and Animal Husbandry Practices in Rural Bangladesh. Ana Maria Rule, Environmental Health Sciences. Laboratory and Field Investigation of Biological Aerosols. Mahboobeh Safaeian, Epidemiology. Utility of Self-Collected Vaginal Swabs for Studying the Epidemiology of Human Papillomavirus (HPV) Infection.

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Andrea Leigh Stone, *Mental Healtb*. Parental Functioning and Adolescent Marijuana Involvement.

Chryssanthi Leonidas Stylianopoulos, *International Healtb*. The Role of Intramyocellular Fatty Acids on the Etiology of the Insulin Resistance of Obesity.

Katherine Irene Swanson, Molecular Microbiology and Immunology. Enzootic Persistence of Borrelia burgdorferi in the Mid-Atlantic Region.

James Morel Symons IV, *Epidemiology*. An Epidemiologic Investigation of Particulate Matter Air Pollution and Congestive Heart Failure.

Christine Anna Szekely, *Epidemiology*. Non-Steroidal Anti-Inflammatory Drugs and the Risk of Alzheimer's Disease.

Van My Ta, Health Policy and Management. Depressive Symptoms & Utilization of Services Among Asian Pacific Islander Women.

Jennifer Elizabeth Thorne, *Epidemiology*. Visual Acuity Loss Among Patients with AIDS and Cytomegalovirus Retinitis in the Era of Highly Active Antiretroviral Therapy.

Rudolf Nwanyela Titanji, International Health. The Effect of Hepatitis C Virus Infection on Serologic Response to Influenza Vaccine.

Ushma Desai Upadhyay, *Population and Family Healtb Sciences.* The Determinants of the Progression to First Sex Among Adolescents in Cebu, Philippines. Utaiwan Utaipat, Molecular Microbiology and Immuuology. Effect of Hormonal Contraception on the Natural History of Human Papillomavirus Type 16 Infection.

Kavitha Viswanathan, International Health. Factors Affecting School Enrollment in a Post-Repatriation Context: A Study of Household Roles, Attitudes and Forced Migration Processes in Urban Somaliland.

Andrew Stanley Walsh, *Molecular Microbiology and Immunology*. Extracting Knowledge From Data: Combining Environmental Measurements and Field Observations in Statistical Models of Infectious Disease Ecology.

- Haijiang Wang, *Population and Family Health Sciences*. Work, Marriage and Community Context Effects on Health Among a Cohort of Chinese Women.
- Min Wang, Biochemistry aud Molecular Biology. Mechanism and Specificity of Polyubiquitin Chain Assembly Catalyzed by HECT Domain E3 Enzymes.
- Megan Elizabeth Weil, *Euvironmental Health Sciences*. Environmental Mercury Exposure and Neurobehavioral Function in Older Adults.

Erin L. Winstanley, *Health Policy and Mauagement*. Communities as the Context of Adolescent Behavioral Health and Service Utilization.

Genevieve Beth Wortzman, Biochemistry aud Molecular Biology. The Mammalian Membrane Block to Polyspermy: Contributions of the Sperm, the Egg Actin Cytoskeleton, the Membrane Protein CD9 and Post-Ovulatory Aging.

Judy Cheng Xu, Health Policy aud Managemeut. Labor Market Responses to the Onset of Disabilities or Health Problems for Older Workers: A Longitudinal Study of Race Difference. Jianhua Yang, Population and Family Health Sciences. Patterns and Correlates of Chinese Adolescents' Sexual Knowledge and Attitudes: A Cross-Sectional Study of High School Students. Hongling Zhou, Biostatistics. Change Point Problems in Generalized Linear Models. Susan Jane Zieman, Clinical Investigation. A Clinical Investigation to Study the Impact of Age-Associated Physiologic Changes on Exercise Capacity Using L-Arginine as a Clinical Tool.

#### Doctor of Philosophy

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

Ole Egil Distad Andreassen, Getting Credit: How Banks Make Lending Decisions in Argentina, Peru, and the World, With an Emphasis on Secured Transactions and Trust.

Daniella Dragica Fridl, Recognition and Politics. Mark Fung, Bonds and Bureaucrats: The Politics of Finance in China, 1953– 2003.

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Maria Infante, Electricity Sector Liberalization in the European Union: The Political Economy of Reuatory Reform. Julius Mutwol, Why Peace Accords Succeed or Fail: Insurgent Motivations, State Responses and Third Party Interventions in Liberia, Rwanda and Sierra Leone. Trita Parsi, Israeli-Iranian Relations-Ideological Calculus or Hegemonic Rivalry? Fumiko Sasaki, To Build a Strong Nation: The Political Thought of Masao Maruyama.

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#### Doctors of Philosophy

#### The School of Medicine

Erica Lynn Allen, Cellular and Molecular Medicine. Novel Involvement of Nuclear Hormone Receptors in Autosomal Dominant Polycystic Kidney Disease. Drew James Applefield, Biochemistry, Cellular and Molecular Biology Training Program-Biophysics and Biophysical Chemistry. The Kinetic and Thermodynamic Effects of Factors Involved in Eukaryotic Translation Initiation. Joseph Corey Ayoob II,

Biochemistry, Cellular and Molecular Biology Training Program–Neuroscience. Axon Guidance Signaling Mechanisms: Functional Analyses of Plexin A and Plexin B, Two Drosophila Semaphorin Receptors. Byoung-Il Bae, Neuroscience. Role of p53 in Huntington's

Disease. Gerard Marcel Joseph

Beaudoin III, *Neuroscience*. Hairless is a Nuclear Receptor Corepressor that Modulates Epithelial Progenitor Cell Differentiation.

Mosi Kadin Bennett, *Neuroscience*. Odor-Evoked Activity Alters Gene Expression in Olfactory Receptor Neurons.

Katherine Wesley Bowman, Biomedical Engineering. Oral Delivery of Polymer-DNA Nanoparticles for Hemophilia A. Scott Louis Brincat, Neuroscience. Neural Coding of Object Contour Shape in Primate Posterior Inferotemporal Cortex. Andrew John Callegari Jr., Cellular and Molecular Medicine. UV-Light Induces a Post-Replication DNA Damage Checkpoint. Matthew Joseph Caples, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Characterization of the Nef Protein from a Neurovirulent Simian Immunodeficiency Virus, SIV/17E-Fr. Dipayan Chaudhuri, Neuroscience. An Examination of the Mechanisms Regulating Calmodulin-Mediated Enhancement of the Neuronal CaV2.1 Channel. Jaime Hing Ming Cheah, Biochemistry, Cellular and Molecular Biology Training Program-Neuroscience. Behind the Iron Curtain: Dexras1 Mediates Glutamate-NMDA Induced Neuronal Iron Uptake. Lingfeng Chen, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Regulation of Actin Polymerization During Chemotaxis in Dictyostelium Discoideum. Amy Ellen Chew, Functional Anatomy and Evolution. Biostratigraphy, Paleoecology and Synchronized Evolution in the Early Eocene Mammalian Fauna of the Central Bighorn Basin, Wyoming.

Richard William Cho, Cellular and Molecular Medicine. Activity Regulated Proteolytic Cleavage of NPR (Neuronal Pentraxin **Receptor**) Induces Clustering and Endocytosis of AMPA Receptors. Nicolas Christoforou, Cellular and Molecular Medicine. Mouse Embryonic Stem Cell Derived Cardiac Progenitor Cells. Maria Luisa Cochella, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. The Molecular Basis for High Fidelity tRNA Selection on the Ribosome. Grace Ann Cornblatt, Biochemistry, Cellular and Molecular Biology Training Program-Physiology. Characterization of a Transcription Factor tfap2a and Its Role in Craniofacial Development in Zebrafish, Danio rerio. Anthony Ralph Cukras, Program in Molecular Biophysics. Small Ribosomal Protein S13 Modulates Translocation and Initiation in the Ribosome. Jordan M. Cummins, Cellular and Molecular Medicine. A Rationale for Two New Therapeutic Targets in Colorectal Cancer: HAUSP and XIAP. Cynthia Louise DeRenzo, Human Genetics. Exclusion of Germ Plasm Components from Somatic Lineages by Localized Protein Degradation. Sayaka Eguchi, Cellular and Molecular Medicine. The Role of Histone Modifications in the Reversal of Abnormal Gene Silencing in Cancer.

Qiaojun Fang, *Biological Chemistry*. Protein Structure Prediction by Emphasizing Local Side-Chain/Backbone and Side-Chain/Side-Chain Interactions.

Yi Fang, *Biological Chemistry*. Peroxisome Membrane Protein Import and Exosome Biogenesis at Plasma Membranes.

Anthony Zahi Faranesh, Biomedical Engineering. Gadolinium-doped Biodegradable Polymer Microspheres for Magnetic Resonance Imaging Guided Drug Delivery.

Craig Anthony Fletcher, *Pathobiology*. The Adhesion Molecule Leukocyte Function-Associated Antigen (LFA)-1 is Involved in HIV Transmission in Primary T cells.

Anand Narayan Ganesan, *Cellular and Molecular Medicine*. Reverse Engineering the L-type Ca2+ Channel in Cardiac Myocytes.

Mayra García, *Cellular* and Molecular Medicine. Suppression of HIV-1 Replication by Measles Virus.

Joshua Aaron Granek, Biochemistry, Cellular and Molecular Biology Training Program-Biophysics and Biophysical Chemistry. Computational and Experimental Analyses of Transcriptional Regulation as a Function of DNA Sequence.

Ali Deniz Güler, Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. Electrophysical Characterization of the Heat-Gated Ion Channels: TRPVI, TRPV3 and TRPV4. Rebekah Lynn Gundry, *Pharmacology and Molecular Sciences*. Characterizing the Albumin-Enriched Fraction of Human Serum: Proteins, Associations, and Biomarker Discovery.

Luis Felipe Gutiérrez, *Biomedical Engineering.* X-Ray Fused with MRI (XFM) for Guidance of Catheter-Based Interventions. Brent Yamato Hamaoka, *Biochemistry, Cellular and Molecular Biology Training Program–Biophysics and Biophysical Chemistry.* Signal Transduction in the *C. elegans* Sex Determination and *D. melanogaster* Hedgehog Developmental Pathways.

Yingsong Hao, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Stabilization of Cell Polarity by the RING Finger Protein PAR-2 in the Caenorbabditis elegans Zygote. Makoto Hara, Cellular and Molecular Medicine.

S-Nitrosylated Glyceraldehyde-3-Phosphate Dehydrogenase Initiates Apoptotic Cell Death by Nuclear Translocation Following SIAH1 Binding. Michelle Lynn Harris, *Cellular and Molecular Medicine*. Granzyme B as an Indicator and Generator of Altered Antigen Structures in Autoimmunity.

Stuart William Hicks, Biochemistry, Cellular and Molecular Biology Training Program–Cell Biology. Golgin-160: Insights into Golgi Structure and Function.

Hao Huang, *Biomedical Engineering*. Study of Cortico-cortical Connectivity and Characterization of Developing Human Fetal Brain Anatomy by Diffusion Tensor Imaging. Yanhua Huang, *Neuroscience*. Glutamate Transporter Function at Excitatory Synapses.

Lee Daniel Kapp, Biochemistry, Cellular and Molecular Biology Training Program-Biophysics and Biophysical Chemistry. Determining the Roles of the Identity Elements of Eukarvotic Initiator tRNAs. Amir Hossien Kashani, Neuroscience. Calcium Regulation of LM04-Mediated Transcription and Its Role in Thalamocortical Development. Jung-Whan Kim, Pathobiology. Oncogenic and Hypoxic Alterations of Cellular

Metabolism. Erika Ann Kretzmer, Neuroscience. An Examination of the Spiral Ganglion Neurons of the Cochlea Following Chronic Use of a Cochlear Implant. Daniel Jason Krosky, Pharmacology and Molecular Sciences. Inhibitors of Uracil DNA Glycosylase Based on Enzymatic Mechanisms of Extrahelical Base Recognition.

Tomasz Kulikowicz, Biochemistry, Cellular and Molecular Biology Training Program–Pharmacology and Molecular Sciences. Type II Topoisomerases of the Protozoan Parasite Tiypanosoma brucei. Ihid Carneiro Leao,

Pharmacology and Molecular Sciences. Vesicular Trafficking and Cholesterol Homeostasis: HIV-1 Connection with Niemann Pick Type C and Rab9 Proteins.

Hyosang Lee, *Biological Chemistry*. The Identification of Two Novel Ion Channels, TRPV3 and TRPV4 and the

Elucidation of Their Roles in Temperature and Pain Sensation. Sarah Jung-Ha Lee, Neuroscience. Controlling Mitochondrial Division: An **Evolutionarily Conserved** Function of Fis1. Soo Hee Lee, Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. De Novo Fatty Acid Synthesis by Microsomal Elongases in Trypanosomes. Ken-Yu Lin, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Identification of a New Mechanism for Tumor Immune Evasion. Shin Lin. Human Genetics. **Disease Marker Association** Analysis. Ivan Vladimirovich Litvinov, Cellular and Molecular Medicine. The Role of Androgen Receptor Signaling in Normal **Prostatic Epithelial** Differentiation in Prostate Cancer Proliferation. Yanan Liu, Biological Chemistry. Study of Kinetoplast DNA Replication in Trypanosoma brucei. David Maag Jr., Biochemistry, Cellular and Molecular Biology Training Program-Biophysics and Biophysical Chemistry. The Molecular Mechanics of Start Site Selection During Eukaryotic Translation Initiation. Elizabeth Anne Manning, Pharmacology and Molecular

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Lifang Mao, Neuroscience. The Roles of GluR2/3 C-termini and Their PDZ Domain Interacting Proteins, GRIP and GRIP2, on AMPA Receptor Trafficking. Heather Ann Marton, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. The CTR9 Component of the PAF1 Complex: General and Position-Dependent Effects on Transcription by RNA Polymerase II. Tonya Maria Matthews, Biomedical Engineering. Investigations and Modeling of Efferent Inhibition in Chicken Short Hair Cells. Rowena McBeath, Cellular and Molecular Medicine. The Effect of Cell Shape on Stem Cell Signaling and Lineage Commitment. Shawn Allan Motyka, Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. An RNAi Library for Identifying Mitochondrial **DNA Replication Proteins** in Trypanosoma brucei. Jennifer Gladys Mullé, Human Genetics. Characterization of the Susceptibility Locus for Schizophrenia on Chromosome 13q32. Reza Nezafat, Biomedical Engineering. Efficient Acquisition and Reconstruction Methods for MR Flow and Angiography. Li Pan, Biomedical Engineering. Fast and Quantitative Assessment of Regional Myocardial Function Using Magnetic Resonance Imaging. Ethan Samuel Patterson, Human Genetics. Identification of Genes Regulated by SOX17 During Mammahan Endoderm Differentiation.

Fay Fei Peng, Biomedical Engineering. The Regulation and Mechanics of Actin-Based Motility. Obdulio Alberto Piloto, Cellular and Molecular Medicine. Anti-FLT3 Immunotherapy for the Treatment of Acute Leukemias. Yingfeng Qiao, Pharmacology and Molecular Sciences. Chemical Rescue of a Mutant Enzyme in Living Cells. Adam Cain Resnick. Neuroscience. Inositol Polyphosphate Mulitkinase Is a Nuclear PI3-Kinase with Transcriptional Regulatory Activity. Ashley Evan Ross, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Regulation of V(D)J Recombination at the Levels of Recombinase Activity and Locus Accessibility. Nidhi Gupta Saran, Biochemistry, Cellular and Molecular Biology Training Program-Physiology. Cerebellar Gene Expression and Sonic Hedgehog Signalling in a Mouse Model of Down Syndrome. Blanka Sharma, Biomedical Engineering. Engineering Stratified Tissues for In Situ Cartilage Regeneration. Seth Aaron Smith, Program in Molecular and Computational Biophysics. Development of Magnetic Resonance Saturation Techniques to Detect and Quantify Macromolecular Pathologies Afflicting the Brain and Spinal Cord. Sathya Ravichandran Sriram, Cellnlar and Molecular Medicine. The Role of Parkin Biochemistry in the Pathophysiology of

Parkinson's Disease.

Chih-Ying Su, Neuroscience. Molecular Components of the Two Antagonistic Phototransduction Pathways in a Single Parietal-Eye Photoreceptor. Thomas Edward Sussan Jr., Biochemistry, Cellular and Molecular Biology Training Program-Physiology. Tumorigenesis, Tumor Suppressors, and Proto-Oncogenes in Down Syndrome. Harry Eugene Taylor, Molecular Biology and Genetics-Program In Immunology. Functional Antagonism Between Members of the TFII-I Transcription Factor Family. Angela Hsiang-Hsiang Ting, Cellular and Molecular Medicine. Epigenetic Gene Silencing in Human Cancers: The Roles of DNA Methyltransferase 1 and Double-Stranded RNA. Caryn Denise Tong, Biochemistry, Cellular and Molecular Biology Training Program-Pharmacology and Molecular Sciences. Directed Differentiation of Dendritic Cells from Mouse Embryonic Stem Cells. Xuemei Tong, Biological Chemistry. Function of Keratin 17 in Epithelial Tissues. Becky JoAnne Tu-Sekine, Biochemistry, Cellular and Molecular Biology Training Program-Biological Chemistry. Investigation into the Regulation and Function of Diacylglycerol Kinase Theta. Patty Peivu Shih Vernon, Cellular and Molecular Medicine. Insights into the Molecular Mechanisms of Host-Mediated Restriction of Alphavirus Infection.

Melissa Sue Vining, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. Organ Positioning in the Drosophila Embryo Requires Complex Signaling Pathways and Tissue-Tissue Interactions. Tao Wang, Biological Chemistry. Molecular Genetic Dissection of Drosophila Phototransduction. Magdalena Maria Weidner-Glunde, Biochemistry, Cellular and Molecular Biology Training Program-Pharmacology and Molecular Sciences. SP100-HMG, A KSHV LANA Interactor Involved in Chromosome Tethering and LANA Association with Nuclear Bodies. Shenqin Yao, Biochemistry, Cellular and Molecular Biology Training Program-Molecular Biology and Genetics. Identification of a Novel Hedgehog Receptor from a Systematic Survey of the Drosophila Genome. Srinivasan Yegnasubramanian, Pharmacology and Molecular Sciences. DNA Methylation Changes During Prostate Carcinogenesis and Disease Progression. King Fai Evelyn Yim, Biomedical Engineering. Design of Scaffolds for Human Stem Cell Expansion and Differentiation: Influence of 3D Structure, Topographical and Biochemical Cues. Michael Scott Zastrow, Biochemistry, Cellular and Molecular Biology Training Program-Cell Biology. A-Type Lamins and Nuclear Architecture. Lilei Zhang, Human Genetics. PLP2 and Susceptibility to ER Stress and Hypoxia.

Larry Scott Zweifel, *Neuroscience*. The Neurotrophin Signaling Endosome and Sympathetic Nervous System Development.

#### Doctors of Philosophy

The G. W. C. Whiting School of Engineering

Jake J. Abbott, Mechanical Engineering. Virtual Fixtures for Bilateral Telemanipulation. Mariana Adam, Geography and Environmental Engineering. Development of Lidar Techniques to Estimate Atmospheric Optical Properties. Saurabh Aggarwal, Chemical and Biomolecular Engineering. Discovery of Target Selective Ligands. Nilou Arden, Chemical and Biomolecular Engineering. Apoptosis and Cell Cycle Regulation of Mammalian Cell Cultures. Ankur Bhargava, Computer Science. Derandomization of Dimensionality Reduction and Semidefinite Programming Based Approximation Algorithms. Roberta Ann Brown, Geography and Environmental Engineering. The Role of Wood Char in Organic Chemical Sorption by Soils: Studies in the Absence and Presence of Natural Organic Matter. Min Chen, Materials Science and Engineering. Self-Assembly and Manipulation of Multicomponent Nanowires. Matthew Allen Clapp, Electrical and Computer Engineering. 3-D Sensing Using Smart

Sensors: Compact Efficient

Sensor Processing.

Jason Joseph Corso, Computer Science. Techniques for Vision-Based Human-Computer Interaction. David Michael Cwiertny, Geography and Environmental Engineering. Mechanistic Investigations of Granular Iron and Iron-Based Bimetallic Reductants for Treatment of Organohalide Pollutants.

Xiangtian Dai, *Computer Science*. Component-Based Tracking. Yonggang Deng, *Electrical and* 

Computer Engineering. Bi-text Alignment for Statistical Machine Translation.

Ahmad Emami, *Electrical and Computer Engineering*. A Neural Syntactic Language Model.

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Xiaodong Fan, *Electrical and Computer Engineering*. Learning a Hierarchy of Classifiers for Multi-Class Shape Detection.

Fernando Jose Ferrante, *Civil Engineering.* A Probabilistic Micromechanical-Based Approach to the Analysis of Statistically Inhomogeneous Random Media.

Sachin S. Gangaputra, Electrical and Computer Engineering. Invariant Object Detection and Tracking with Hierarchical Coarse-to-Fine Classification. Debraj Ghosh, Civil Engineering. On the Characterization and Analysis of the Random Eigenvalue Problem. Paul Edward Grams, Geography and Environmental Engineering. Sand Transport Over a Coarse and Immobile Bed.

Gürkan Güntaş, *Chemical and Biomolecular Engineering*. Creation of Molecular Switches by Combinatorial Protein Engineering.

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Gideon Sheppard Mann, *Computer Science*. Multi-Document Statistical Fact Extraction and Fusion. Daniel Matuszak, *Chemical and Biomolecular Engineering*. Thermodynamics of Diffusion.

Biomechanical Models for Estimation of Anatomical Deformations. Nnake Ikem Nweke, Electrical and Computer Engineering. Experimental and Theoretical Analysis of QKD Signals in 'QKD+WDM' Coexistence Network. Darina Danova Okpetu, Chemical and Biomolecular Engineering. Macromolecular Studies of the Dynamic Structure and Mechanical Properties of the Endothelial Surface Layer. Porntula Panorchan, Chemical and Biomolecular Engineering. Molecular and Cellular Mechanics: Study of Cell Forces and Rheology. Vijay Parthasarathy, Electrical and Computer Engineering. Characterization of Harmonic Phase MRI: Theory, Simulations, and Applications. David Emanuel Paschon, Chemical and Biomolecular Engineering. Application of Incremental Truncation to the Design of Conditional Heterodimers. Krishnakumar Ramamurthi, Electrical and Computer Engineering. Cone-Beam Tomography Using Carm X-ray Projections: Complete Trajectories and Integration of Prior CT Information. Charles Franklin Schafer III, Computer Science. Translation Discovery Using Diverse Similarity Measures.

Mark Samuel Miller,

Computer Science. Robust

Composition: Towards a

Unified Approach to Access

Control and Concurrency.

Combining Statistical and

Ashraf Hussein Mohamed,

Computer Science.

Adam David Schuyler, Mechanical Engineering. Computational Mechanics of Macromolecules and Nanotubes.

Utkarsh Sharma, *Electrical and Computer Engineering*. Fiber Lasers and All-fiber Optic Devices for Applications in Sensing and Medical Imaging.

Stephen John Spey Jr., Materials Science and Engineering. Ignition Properties of Multilayer Nanoscale Reactive Foils, and the Properties of Metal-Ceramic Joints Made with the Same.

Arun Panditaradhyula Sripati, *Electrical and Computer Engineering*. Neural Representation of Spatial Information in the Primate Somatosensory System.

Milutin Milan Stanacevic, Electrical and Computer Engineering. Mixed-Signal Micropower VLSI Systems for Biomedical Array Signal Processing.

Duygu Tosun, *Electrical and Computer Engineering.* Surface-Based Approaches for Spatial Normalization of the Cerebral Cortex: Geometry-Driven Cortical Mappings for Structural and Functional Analysis.

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Geography and Environmental Engineering, Electron Transfer Reactions Between Quinones and Iron in Aqueous Environments. Yun Wang, Geography and Environmental Engineering. Electron Transfer and Coordination Reaction between MnIII.IV O2(Birnessite), MnIIIOOH(Manganite) and Oxygen-Donor Aliphatic Compounds. Edward Alex Weathers, Chemical and Biomolecular Engineering. Computational and Experimental Studies of Intrinsically Disordered Proteins. Carole Ann Womeldorf. Mechanical Engineering. Numerical Study of a Two-Dimensional Laminar Methane/Air Flame Impinged Upon by a Counter-Rotating Vortex Pair. Changxun Wu, Computer Science. Efficient Scalable Load Management for Heterogeneous Resource Clusters. Pengfei Xiang, Applied Mathematics and Statistics. Limit Theory for the Domination Number of Random Class Cover Catch Diagraphs. Sheng Xu, Computer Science. Organ Motion Compensation in Computer Integrated Surgery. Xi Frank Xu, Civil Engineering. Morphological and Multiscale Modeling of Stochastic Complex Materials. Binze Yang, Mechanical Engineering. Numerical Studies of Single Gas and Vapor Bubble Flows. Guangqi Ye, Computer Science. Applying Vision to Intelligent Human-Computer Interaction. Min You, Materials Science and Engineering. Transmembrane Helix Dimerization in Lipid Bilayers: Probing the

Energstics Behind Autosomal Dominant Growth Disorders.

#### Doctors of Philosophy

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

Hagay Amit, Earth and Planetary Sciences. Imaging Core Flow from Geomagnetic Secular Variation: Consequences for **Core-mantle Interactions** and Geomagnetic Dipole Moment Changes. Nicole Valerie Asquith, Romance Languages and Literatures. Poetry as Social Practice: Rimbaud, Graffiti, Rap. Amalia Avramidou, Classics. The Codrus Painter-An Iconographical Study. Yekaterina Barbash, Near Eastern Studies. The Mortuary Composition of Padikakem: Papyrus Walters Art Museum 551. Sarah L. Barker, Biology. A Molecular Analysis of the Function(s) of the Endocytic Scaffold Protein Pan1p in Saccharomyces Cerevisiae. Richard Bernard Baxstrom, Anthropology. Wrecking Balls, Recognition, Reform: The Ambivalent Experience of Law, Justice, and Place in Urban Malaysia. Michelle Lee Beaucher, Biology. The Role of MMPs in Drosophila Tumor Metastasis. Dmitry Vasilyevich Belyaev, Physics and Astronomy. Fivedimensional Supergravity on a Manifold with Boundary. Matthew A. Berezuk, Biology. Analysis of the In Vitro Activity and Cargo Binding Characteristics of Kinesin-2.

Alena Bičáková, Economics. On the Distribution of Earnings and Labor Force Status: The Case of France, the UK and the US at the End of the 20th Century. Kristina Borstnik, Chemistry. Part I: Synthesis of Novel Antimalarial, Antiproliferative and Anticancer Artemisinin-Based Trioxane Dimers. Part II: Silicon-Mediated Ring Expansion of n-Sized Conjugated Cycloalkenones into Homoallylic n+3 Lactones: Total Synthesis of Phoracantholide I and Cephalosporolide D. Benjamin David Brewer, Sociology. Switching Fields: The World Soccer Economy in an Era of Globalization. Adam Benjamin Buchwald, Cognitive Science. Sound Structure Representation, Repair and Wellformedness: Grammar in Spoken Language Production. Maya Capelson, Biology. Regulation of the *Gypsy* Chromatin Insulator Activity and Nuclear Organization. Christina Bruno Castelino, Psychological and Brain Sciences. Behavioral and Noradrenergic Regulation of Context-Dependent Immediate-Early Gene (Zenk) Expression in Male Zebra Finches (Taeniopygia Guttata). Eugenio Martín Cerutti, Economics. Twin Crisis and Fixed Exchange-Rate Regimes: Theory and Related Empirical Studies. Chih-Chuan Chang, Biology. Anti-Neoplastic Effects of Two Transcription Inhibitors, M4N and Maltose-M3N, against Mouse and Human Tumors. Jiawei Chen, Economics. Essays on Matching and Mergers. Xuemei Cheng, Physics and Astronomy. Magnetization Reversal and Magnetotransport Properties of Co/Pt Multilayers with Perpendicular Magnetic Anisotropy. Kuenley Chiu, Physics and Astronomy. Examining Quasars at the Peak of the Luminosity Function -Cloning, Discovery, and Implications for High Redshift. Francesco Ciabattoni, Romance Languages and Literatures. Dante's Journey to Polyphony. Michael William Clune, English. Freedom From You: Postwar American Writing and the Free Market. Rachel Elizabeth Cole, English. Personal Effects: Social Recognition in Mid-Nineteenth-Century American Literature. Tony John De Falco, Biology. The Development of Sexual Dimorphism in the Drosophila Gonad. Denise A. Demetriou, Classics. Negotiating Identity: Greek Emporia in the Archaic and Classical Mediterranean. Berna Demiralp, Economics. The Implications of Occupational Self-Selection in a Labor Market with Moral Hazard and Asymmetric Information. Daniel D. Dilks, Cognitive Science. Human Adult Cortical Reorganization and Consequent Visual Distortion. Lori Michelle Feaga, Physics and Astronomy. Hubble Space Telescope Far-Ultraviolet Observations of Io: Determining Atmospheric Abundances, Mapping the SO<sub>2</sub> Distribution, and Correlating the Molecular and Atomic Atmosphere.

Konstantin Fedorov, *Economics*. Essays on the Natural Rate of Unemployment.

Nicholas Charles Fitzkee, *Biophysics*. Organizing Forces and Conformational Accessibility in the Unfolded State of Proteins.

Joseph P. Fox, *Chemistry*. Synthesis, Characterization, and Reactivity of Contracted Macrocycles.

Kevin Christopher France, *Physics and Astronomy.* Far-Ultraviolet Molecular Hydrogen Fluorescence in Photodissociation Regions. Alexandra Fricova, *Earth and Planetary Sciences.* Particle Transport in the Coastal Bottom Boundary Layer Using Combined PIV and SVM.

Beatriz Miky Funatsu, *Earth* and Planetary Sciences. Stratospheric Intrusions and Transient Convection in the Eastern Tropical Pacific.

Alhena Gadotti, *Near Eastern Studies.* 'Gilgamesh, Enkidu and the Netherworld' and the Sumerian Gilgamesh Cycle.

Marion Geiger, *Romauce Languages and Literatures.* Meaning of Disease. Poetics of Illness. From Honoré de Balzac to Thomas Mann ('Le sens des maux. Poétiques de la maladie. D'Honoré de Balzac à Thomas Mann').

Adam M. Goldstein, *Philosophy*. Random Drift: Chance and Explanation in Evolutionary Biology.

Haipeng Gong, *Biophysics*. Exploring the Relationship Between Secondary Structure and Native Topology in Protein Domains.

Daniel Patrick Grilley, *Biophysics*. The Importance of the 1-state: a Thermodynamic Description of Ion-RNA Interactions. Farhan Hameed, *Economics*. Essays on Fiscal Transparency and Inflation Expectations. Lanying Quant Hatcher,

*Chemistry*. Ligand and Environmental Influences on the Formation, Dynamic Behavior and Reactivity of Dicopper-Dioxygen Adducts.

Mark Andrew Hatcher, Chemistry. Part I: Novel Analogs of the Natural Hormone 1a,25-DihydroxyvitaminD3: Design, Synthesis and Biological Evaluation. Part II: New Silicon-Mediated Ring Expansions on n-Sized 2- Cycloalkenones into Homoallylic n+3 and Hydroxyolefinic N+3+m Medium Sized Lactones: Total Synthesis of (+)cis-Lauthisan and (-)-Phoracantholide-I.

Leslie Hopewell Hebb, *Physics and Astronomy.* Photometric Monitoring of Open Clusters: Low-Mass Eclipsing Binary Stars and the Stellar Mass-Luminosity-Radius Relation.

Taber G. Hersum, *Earth and Planetary Sciences*. Phase Change and Melt Dynamics in Partially Molten Rock. Scott Williams Hibbard,

*Political Science*. Religion as Mass Politics.

Monica Birth Hoesch, *German*. 'I am all that is, that was, and that shall be, and no mortal has lifted my veil:' Kant, Novalis, Goethe, and the Veiled Goddess Isis.

 Vaughn E. Huckfeldt Jr., *Philosophy*. Ethics and the Limits of Practical Reason.

 Minerva Amorette Hughes, *Chemistry*. A Multifaceted Approach to Tuberculosis Drug Development: Tapping Natural Resources, Defining Specific Drug-Pathogen

Interactions and Identifying Novel Pathways for Drug Inhibition by Differential Protein Expression Profiling. Daniel Gerard Isom, Biophysics. pKa Values of Internal Ionizable Groups in a Protein. Myungkook James Jee, Physics and Astronomy. Probing High-redshift Clusters with ACS Gravitational Lensing and Chandra X-ray. Vivek Vasant Karambelkar, Chemistry. Ligand Design and Model Complexes for (N,S)M(II) Metalloenzymes. Nozomu Kawai, Near Eastern Studies. Studies in the Reign of Tutankhamun. Sarah Khokhar, Sociology. Punjabi Identity in Pakistan: Between State and Culture. Sung-Hwan Kim, Economics. Essays on Industrial Organization and Antitrust: Predation and Patent Pools. Yoo-ki Kim, Near Eastern Studies. The Function of the Tautological Infinitive Absolute in Classical Biblical Hebrew. Mark Alexander King, Sociology. Father-figures and Child Development: How Interchangeable Are Social Fathers and Biological Fathers?. Eda Koculi, Biophysics. Cations and RNA Interactions in the RNA Folding Landscape. Aphichoke Kotikula, Economics. Essays in Female Child Bearing and Labor Supply. Abigail E. Kroch, Biology. The Role of Amino Acid Sequence in Specifying the Stability and Conformation of Transmembrane Oligomers. Tainmy Anissa Krygier, Near Eastern Studies, Late **Eighteenth Dynasty Faience** and Glass from Malkata: A

Stylistic and Quantitative

Analysis.

Jason Thaddeus Kuznicki, History. Scandal and Disclosure in the Old Regime. Laura Marie LaKusta, Cognitive Science and Psychological and Brain Sciences. Source and Goal Asymmetry in Non-Linguistic Motion Event Representations. Stephanie Ann Leavitt, Biology. Characterization of the Allosteric Mechanism of HIV-1 Proteins gp120 and Nef. Monica Kittiya Lee, History. Conversing in Colony: The Brasílica and the Vulgar in Portuguese America, 1500-1759. Joshua Philip Levens, History of Science, Medicine, and Technology. Sex, Neurosis and Animal Behavior: The **Emergence** of American Psychobiology and the Research of W. Horsley Gantt and Frank A. Beach. Lei Li, Chemistry. Copper-**Dioxygen** Complex Mediated Aliphatic C-H Bond and DNA Nucleobase Oxidation. Bei Liu, Sociology. Social Structure and Personality in Transitional Urban China. Feng Liu, Chemistry. Excited State Electron Transfer to Nanocrystalline Semiconductor Thin Films. Paula Duarte Lopes, Political Science. Regulation, Regimes, and the Politics of Water Governance. Binquan Luan, Physics and Astronomy, Simulations of Contact and Friction: Connecting Atomic and Continuum Descriptions. Lars Maischak, History, A

Cosmopolitan Community Hanseatic Merchants in the German-American Atlantic of the Nineteenth Century. Liang Mao, *Humanities*. Henry James and the Claim of Sociality.

David Lachlan Marshall, *History*. The Sublimation of Rhetoric: What Giambattista Vico Did to the Art of Persuasion.

Kadeshia Lavenja Matthews, *Englisb.* Becoming the Black Subject: Violence, Domesticity, and the Masculine Self in Mid-Twentieth Century African American Literature.

William Caleb McDaniel, *History*. Our Country Is the World: Radical American Abolitionists Abroad.

Bonnie M. Miller, *History*. The Spectacle of War: A Study of Spanish-American War Visual and Popular Culture.

Mark William Milutinovich, *Biology*. Analysis of Smc1 Domains Involved in Cohesin Complex Assembly and Function.

Letizia Modena, *Romance Langnages and Literatures*. I contorni della Leggerezza: letteratura, scienza e arte nell'opera di Italo Calvino.

Catherine Alice Jessica Molineux, *History*. The Peripheries Within: Race, Slavery, and Empire in Early Modern England.

Ana Paulina Ochoa Espejo, *Political Science.* The Time of Popular Sovereignty: Political Theology and the Democratic State.

Ik-Hyeon Paik, *Chemistry*. Orally Active and Robust Artemisinin-Derived Trioxanes for Antimalarial Antiproliferative, and Anticancer Efficacies.

Yousin Park, *Physics and Astronomy*. Weak Lensing Studies with GOODS/ACS Fields. Richard Allen Paschal, *Political Science*. Between Chaos and Inflexibility: Congressional Power to Overturn Constitutional Decisions of the Supreme Court.

Christopher Michael Pavlos, *Chemistry*. Diazeniumdiolates: Photochemistry, Thermal Chemistry, and Their Use as Potential Heart Failure Therapeutics.

Ekaterina Borisovna Poliakova, *Chemistry*. Characterization of Ribosomal Protein L11 from *Saccharomyces cerevisiae*: Interactions with Ribosomal RNA and Antibiotic Thiostrepton.

Adrian Charles Pope, *Physics* and Astronomy. Precision Cosmology from Large-Scale Galaxy Clustering with the Sloan Digital Sky Survey.

Michael John Proulx II, *Psychological and Brian Sciences.* Top-down and Bottom-up Processes in Visual Search.

Dunja Radisic, *Chemistry*. Low-Energy Electron Interactions with Molecules and Clusters: Electron Induced Proton Transfer, Solvated Electron and Diffuse Electron States.

Jennifer Kathryn Roth, *Psychological and Brain Sciences.* Controlling the Contents of Working Memory: Updating and Maintaining Items from Different Sources.

Kära Lynn Schenk, *History* of Art. Returning to Zion: the Narrative of the Dura-Europos Synagogue Frescoes.

Natasha Lyn Sefcovic, *Biology*. A Threading Retrospective: Monte Carlo Alignment Sampling vs. Dynamic Programming or the Turtle vs. the Hare. John Thomas Serences, Psychological and Brian Sciences. Voluntary and Stimulus-Driven Attentional Control in Human Cortex. Meha Harshad Shah. Chemistry. Development and Mechanistic Studies of a Bifunctional Catalyst System: Lewis Acid-Lewis Base Co-Catalysis. Eran Shalev, History. Rome Reborn on Western Shores: Classical Antiquity and **Revolutionary America's** Quarrel with History, 1756-1788. Jonathan D. Shaw, Biology. The Identification and Characterization of Proteins Required for Endocytosis in the Budding Yeast Saccharomyces cerevisiae. Hujun Shen, Chemistry. The Exact JWKB Method and Its Applications. Jordan Alexander Stein, English. Taking Dictation from God: Secularization and Nineteenth-Century U.S. Literature. Ann Conner Stewart, Mathematics. Existence Theorems for Some Nonlinear Hyperbolic Equations on a Waveguide. Byung-Chul Suh, Chemistry. Novel Hybrid Analogs of the Active Hormone 1alpha,25-Dihydroxyvitamin D3: Design, Synthesis, and Preliminary Biological Evaluation. Travis John Sullivan, Political Science. Visions of Domination: Ideology and the Variety of Great Power Domination. Wei Tan, Economics. A Dynamic Equilibrium Analysis of the Cigarette Oligopoly. Wing Leong Teo, Economics. **Optimal Monetary Policies** and Business Cycles in Small Anoush Fraser Terjanian, *History*. 'Doux commerce' and Its Discontents: Slavery, Piracy and Monopoly in Eighteenth-Century France. Alexey Teslja, *Chemistry*.

Laser Induced Fluorescence and Cavity Ring-Down Spectroscopy of Transient Molecules.

Guruvasuthevan Ramasamy Thuduppathy, *Biology*. Solution to Membrane Conformational Change of BCL-X<sub>I</sub>  $\Delta$ TM.

Giuseppe Tinaglia, Mathematics. Multi-valued Graphs in Embedded Constant Mean Curvature Disks.

Lars Tonder, *Political Science*. Experiences of Tolerance: Immanence, Transcendence, *Hilaritus*.

Mark Andrew Waddell, *History* of Science, Medicine, and Technology. Theatres of the Unseen: The Society of Jesus and the Problem of the Invisible in the Seventeenth Century.

John Edward Weldon, *Biology*. Understanding and Manipulating the Arac Beta Kiss Interaction.

Scott Paul Werts, *Earth and Planetary Sciences.* Organic Carbon Loss and δ13C Changes in Mineral Soils Due to Above-Ground Fires.

Hua Xu, *Chemistry*. Chemistry and Application of O<sub>2</sub>-Substituted Diazeniumdiolates.

Hasan Yardimci, *Physics and Astronomy*. Slow Dynamics in Supercooled Liquids and Other Soft Materials.

Karina Zavala Del Angel, *Earth and Planetary Sciences.* Differentiation of Silicic Segregations in the Ferrar Dolerites, Antarctica: A Geochemical Study.

Open Economies.

Kerry Capelle Zekser, Physics and Astronomy. Strong Lens Mass Modeling and Background Galaxy Reconstruction for the Abell 1689 Galaxy Cluster. Hong Zhang, Earth and Planetary Sciences. Transport Timescales in Ocean Double-Gyre Circulations. Wei Zhang, Classics. Poet as Educator in Archaic Greece. Bin Zhao, Earth and Planetary Sciences. North Atlantic Climate Variability in a Hierarchy of Ocean Models. Aili Zheng, German. Transformations: Schnitzler's Drama from Print to Stage and Film. Qing Zhu, Physics and Astronomy. Magnetic Nanostructures by Colloidal Lithography.

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July 2006

For those who use the Commencement Program as an official record of the awarding of degrees, please note the following changes to the 2006 Commencement Program:

Sigma The	ta Tau Nu Beta International Honor S	ociety (Nursing) Page 25	
Add:	Ingrid Maria Andersson	Kelly Elizabeth Jarrett	
	Diana Lynn Campion	Colleen Elizabeth Kennedy	
	Lynn Kathleen Cerullo	Elizabeth Ruth Ottoson	
	Theresa Catherine Chihuly	Rosemary Keller Patterson	
	Kathryn Barry Foster	Jennifer Marie Sawicki	
	Christine Borgstrom Gordon	Stacie Lynn Wolfram	
Delete:	Rayanne Harris		
General Ho	o <u>nors</u> Page 27 - 28		
Add:	Chelsea Anne Karnash		
Departmen	tal Honors (Arts & Sciences and Eng	gineering) Page 29 - 30	
Add:	Juliana Marie Galan, French		
	Kabilar Gunalan, Biomedical Engineering		
	Chelsea Anne Karnash, Writing Seminars		
	Alexandra M. Prentiss, History		
	Tiffany Nicole Tasky, Applied Mathematics and Statistics		
	Jason Tien, Applied Mathemat	ics and Statistics	
Delete:	Stephanie Gayle Hausner, Inte	rnational Studies	
	Meredith Olivia Hope, Writing	g Seminars	
Bachelors of	of Science in Applied Mathematics an	d Statistics (Engineering) Page 3	
Delete:	Christine Sachiko Allen		
Bachelors o	of Science in Biomedical Engineering	(Engineering) Page 32	
Add:	Kiran Singh Sani		
Delete:	Andrew Sheng Bang Chou	Christopher Barry Massa	
	Matthew Patrick David	Joseph Matthew Messana	
	Christopher Yensen Lee	Ken Ng	
	Aditya Madhusudhan	Richard Ching Yao Tang	
		Simon Wei Zhang	
	of Science in Computer Engineering	(Engineering) Page 33	
Add:	Kris Min Rhu		
Delete:	Robert Karmazin		
	Jason Bradley Rothhaupt		

Add:	Robert Karmazin		
Bachelors of	f Science in Mechanical Engineering	(Engineering) Page 33	
Delete:	Mark Wayne Brown		
	Konstantinos A. Sarafidis		
Bachelor of	Arts (Arts and Sciences) Page 34 -	37	
Add:	Robert Andrew Doherty		
	Christopher John Kelleman	Jeremy Don Walrath	
Delete:	Daniel Youngjin Ahn	Julia Ann Loux	
	Diana Zeyneb Alhindawi	Alexandra Christine Lunt	
	Lee Edward Anderson	Sophie Yee Kwan Ma	
	David Nathaniel Bates	Jihae Hana Park	
	Michael Vincent Berman	Slawomir Waldemar Piegdon	
	Emily Maeve Burke	Sarah Evelyn Ritter	
	Afiya Kamania Bynoe	Edward Francis Ruch	
	Ji Woong Chung	Christine Elizabeth Schrader	
	Alan M. Cody	Scott Hyun Shin	
	Jonathan Prentice Ehle	Robert Scott Spratlen	
	Eric Blanchard Flamer	Kendra Gayle Stratton	
	Nicholas Taylor Franco	BreAnna Marie Suiter	
	Stephanie Gayle Hausner	Alanna Charmaine Thomas	
	Daniel Vincent Hughes III	Isaac Kenneth Urwin	
	Preetpaul Singh Khangura	Sarah Mae Walsh	
Performer's	Certificate (Peabody) Page 37		
Delete:	Nicholas Skinner, Trumpet		
Bachelor of	Music (Peabody) Page 37 - 38		
Add:	Peter Wen-Chih Lee, Voice		
	Kathleen Singles, Flute		
Delete:	Austin Campbell Edell, Record	ding Arts And Sciences and Audio Des	
	Nicholas Skinner, Music Educ	ation	
Revise:	Nathan Bark, Trombone only -	delete Recording Arts and Sciences	
	Christopher Louie Gow, Euphonium only, delete Recording Arts and Scier		
		phone only - delete Recording Arts and	
	This hash to take the transferred to the	only - delete Music Education	

12.	Bachelor of	Bachelor of Science (School of Professional Studies in Business and Education) Pages 39 - 40			
	Add:	Scott Edward Keyser, Management			
	Delete:	Holly Kamm McLean, Business and Management			
		Mark Alan Rinehart, Management			
		Todd Avery Walls, Interdisciplinary Studies			
13.	Graduate C	ertificates in Business (School of Professional Studies in Business and Education) Pages 40 - 43			
	Add:	Alicia Arbaje, Business of Medicine			
		Marc Braithwaite, Business of Medicine			
		Arne Brinck, Information Security Management			
		Lynn A. Bristol, Leadership and Management in the Life Sciences			
		Robert Bristow, Business of Medicine			
		Diana Pastora Broomfield, Business of Medicine			
		Fred Chan, Business of Medicine			
		Joseph Collaco, Business of Medicine			
		Rana M. Dalbah, Financial Management			
		Michael Daniels, Business of Medicine			
		Kathleen Eaton, Business of Medicine			
		Martin Edelman, Business of Medicine			
		Laurie Engelhardt, Business of Medicine			
		Rhiannon Fitzsimmons, Business of Medicine			
		Ellen Carol Flynn, Leadership and Management in the Life Sciences			
		Gerard Gallucci, Business of Medicine			
		Brian George, Business of Medicine			
		Patricia Gilles, Business of Medicine			
		Janine Good, Business of Medicine			
		Michelle Green, Business of Medicine			
		Stephen Greenhouse, Business of Medicine			
		Eileen Greenwald, Business of Medicine			
		Prencella Jane Hall, Leadership Development Program			
		Rebecca Hart, Business of Medicine			
		Ahmet Hoke, Leadership and Management in the Life Sciences Albert Holt, Business of Medicine			
		Marc Hungerford, Business of Medicine			
		Gregory Huyer, Leadership and Management in the Life Sciences			
		Sung Woo Kahng, Leadership and Management in the Life Sciences			
		Akhti Khanna, Business of Medicine			
		Afsheen Khwaja, Business of Medicine			
		Yong Jeong Kim, Business of Medicine			
		Susan Leys, Business of Medicine			
		Francisco De Asis Martinez Murillo, Leadership and Management in the Life Sciences			
		Ruth Marx-Rattner, Leadership and Management in the Life Sciences			
		Linda McHale, Business of Medicine			
		Todd Nesbit, Business of Medicine			
		James Paskert, Business of Medicine			
		Susan Peeler, Business of Medicine			
		Robert Roca, Business of Medicine			
		Gabriele Valeria Ronnett, Leadership and Management in the Life Sciences			
		Jeffrey D. Rothstein, Leadership and Management in the Life Sciences			

	Antonio Santillan, Business of	Medicine		
	Norma Smalls, Business of Me			
	Maria Soriano, Business of Me			
		d Management in the Life Sciences		
		I Management in the Life Sciences		
	Paula Teague, Business of Med			
	Jackson Tsai, Business of Med			
	Ashley Varner, Business of Me			
	Daniel Scott Warren, Business			
	Jenene Washington, Business o			
Delete:	Thomas G. Farrell Jr., Informat	ion and Telecommunication Systems (first listing only - listed twice)		
	Shari Denise Fleming			
	Alejandro Gandsas			
	Victoria D. Horne			
	Lee H. Kalowski			
	Jennifer R. Reddock			
Graduate Ce	rtificates in Education (School of Pr	ofessional Studies in Business and Education) Page 42-43		
Add:	Barbara J. Calabrese, Adult Les			
		Meghan Antani Lipcon, The Professional Teacher		
	Tamyka S. Morant, Effective Teaching of Reading Michael Mullin, Education Leadership for Independent Schools			
		bleman, Administration and Supervision		
	Chrystar Michelle woodard-CC	neman, Aunmistration and Supervision		
Delete:	DeVon Rochelle Caldwell-Brown, Administration and Supervision			
	Kimberly M. Moses-Boyce, Ad	Iministration and Supervision		
Master of So	cience (School of Professional Studi	es in Business and Education) Pages 44 - 49		
Add:	William R. Anderson, Information and Telecommunication Systems			
	Kristin Gosselin Cummins, Real Estate			
	John Arthur Letos, Information and Telecommunication Systems			
	Beth Anne Nardi, Counseling			
	Scott M. Perrone, Counseling			
	Zachary Farhan Shamoo, Information and Telecommunication Systems			
	Jacqueline Christine Skapik, Ed			
Delete:	Robert Bannon	Kristine Korva		
	Simran Deep Bhullar	Jason Thomas Lechner		
	Michael Andre Brown	Idah Maindidze		
	Scott Harry Chatelain	Pilar Castillo Meier		
	Taylor Hillenmeyer	Dirk Patrick Melton		
	Joshua Daniel Tolo Houck	Charles Alan Morgan		
	Cynthia Lynn Hubbard	Andrei B. Ponomarev		
	Priscilla W. Huffman	Pamela J. Sanders		
	Cheo Dates Hurley	Barbara A. Surran		
	•	Jamel Elizabeth Thomson		
	Jaephill Jeong Dianne Rosena Jones			
	Diamie Rosena Jones	Andrea Donnette Twitty		
		Beverly Lee Twitty		

14.

15.

 Masters of Business Administration (School of Professional Studies in Business and Education) Page 49 - 51
 Add: Melva Isadora Green Stewart Lee Magruder Marcus T. Neumann

Delete: Zeynep Ersel

 17. <u>Master of Arts in Teaching</u> (School of Professional Studies in Business and Education) Page 51 - 52
 Add: Jared B. Fribush Troy Spencer Grant John Warner Green Matthew Joseph Martini

- Delete: Elizabeth Austin Vivian Belle Malloy-Taylor Tanya Michelle Bellamy Laura Ellen Montgomery Dawn Marie Bornheimer Nicole Marie Proctor Tamara Michelle Braxton Lindsav Randall Vernita Michelle Brown Michelle June Roux Barbara Michelle Caraballo Jacqueline Christine Skapik Sarah Catherine Socia Robert M. Curley Marcus Javon Davis Paul Alphonse Stagnitto Paul Klein Nicole K. Stewart Lawrence Ye-kang Lao William James Stolis Renard Lewis Brittny L. Washington
- Master of Science in Nursing (Nursing) Page 52 Add: Christine T. Otu

Delete: Georganne Jambeter

19. <u>Graduate Performance Diploma</u> (Peabody) Page 53 Add: Shearom Chung, Viola

> Delete: Jiyoon Kim, Violin Joo-Young Moon, Piano Charity Sunshine Tilleman-Dick, Voice

- 20. <u>Masters of Music</u> (Peabody) Page 53 Add: Emily Noel, Voice
  - Revise: Megerete Hsi-Han Chang, *Piano/Pedagogy* not Piano and Pedagogy Karen M. Cook, *Music Theory Pedagogy* - delete Musicology Christopher James Mitchell Dudley, *Voice/Pedagogy* - not Voice and Pedagogy Christopher Joseph Gainey, *Composition, Guitar and <u>Music</u> Theory Pedagogy* Timothy Joseph Hoft, *Music Theory/Pedagogy and Piano* Chia-Jung Tsay, *Piano/Pedagogy* - not Piano and Pedagogy

- Master of Arts (Peabody) Page 53
   Revise: William Lee Ashbaugh, delete Recording and Production Sarah Gray Brown, delete Acoustical Studies
   Kether W. Darshan, delete Audio Design
   Robert Saylor, delete Acoustical Studies
   Thomas Meriwether Jones, delete Recording Arts and Sciences
- 22. <u>Masters of Health Science</u> (Public Health) Page 54 55 Add: Erica M.S. Sibinga

Kathryn Jean Eubank	Ian Ross Purcell
Eri Furukawa	Gerald Ali Rasheed
Euiju Jung	Rena Rosa Yi
Rudy Flores Martinez	
	Eri Furukawa Euiju Jung

- 23. <u>Masters of Public Health</u> (Public Health) Page 55 57 Delete: Jenny Rachel Bernstein Brian D. Cauley Christina 1. Fang Gwynne Lee Jenkins Misti J. Linaberry Roycelynn Ayrltonette Mentor-Marcel Raghavendran Srinivasan Sara Elizabeth Thuma-Croom
- 24. <u>Master of International Public Policy</u> (School of Advanced International Studies) Page 57 Add: Susan Kaur Jack Kneeland
  - Delete: Zakaria El Goumiri Huong T. Luong Froylan Gracia Galicia Eugene Moses

25.	Master of Arts	(School of Advanced Inter	mational Studies) Page 57 - 58
	Add:	Juliana Bajon	Crystal Maria Nelson
		Suzanne Buono	Tuyen Nguyen
		Maren Coleman	Mir Rahman
		Nathanael Comly	Heather Schlachter
		Caitlyn Kim	Greg Schnippel
		John Less	Hillary Thomas Lake
		Hedy Moolenaar	Ju Wang
		Amy Moy	Francis Yue
	Delete:	Stanley Abrams	Thomas W. Henneberg
		Aron Betru	Sherrice L. Kearns
		William Bundy	Charles Kewish
		Sidiq Carter	Ann Lee (duplicate entry)
		Oytun Celik	Anthony J. Magrogan
		Kumuda Dorai	Scott R. Preece
	James	s Lindley Hathaway	Jennifer Rosenblum

Aaron K. Roth Jeanne Christine Simon Randall Spadoni James Robert Warner

Graduate Certificates (Engineering) Page 59 26. Donald Luther Cady, Systems Engineering Add: Masters of Science (Engineering) Pages 59 - 66 27. Add: Louis Michael Fabian, Systems Engineering Stephen C. Lynn, Systems Engineering Stephanie Lauretano Miskiewicz, Systems Engineering Stepahn Joseph Ritzman, Systems Engineering William Charles Sax, Systems Engineering Michael Theodore Short, Systems Engineering Alexander Turetsky, Systems Engineering Cyros M. Afshar, Systems Engineering Delete: Gregory Mark Beatty, Systems Engineering David Scott Bough, Systems Engineering Paul Samuel Burrowes, Systems Engineering Guillermo Vicente Cabezas, Systems Engineering Benita Michelle Deane, Systems Engineering Michael Edward Dehner, Systems Engineering Margaret Michelle Frazier, Systems Engineering Tiffani Loraine Haas, Systems Engineering Tamika Janelle Holman, Technical Management Lucas Daniel Kagel, Systems Engineering Amir A. Kazmi, Systems Engineering Ling Bing Kung, Systems Engineering Todd Andrew Loy, Systems Engineering Shalareena Janel Malone, Systems Engineering Richard Trent Manson, Systems Engineering Richard William Mehalko, Systems Engineering Enrique Emerson Peralta, Systems Engineering Josephine Marie Podolsky, Systems Engineering Michael M. Ratanasavetavadhana, Systems Engineering Maria Carmen Romero, Systems Engineering Ramses P. Routier, Electrical and Computer Engineering David Alan Schick, Electrical and Computer Engineering Stephen Ellis Schwartz, Information Systems and Technology Jin Allen Seder, Systems Engineering Cary Taylor Senf, Systems Engineering Dagim Seyoum, Systems Engineering Charles Stephen Smith, Systems Engineering Alan Bryan Stockett, Systems Engineering Jolynn Baugher Thagard, Systems Engineering

Hilton Kenneth Thorn, Systems Engineering Assaf Weiss, Applied Biomedical Engineering Amos A. Wetherbee, Security Informatics Tara Marie Williams, Electrical and Computer Engineering Benjamin James Williamson, Systems Engineering Pesay You, Computer Science

28. <u>Masters of Science in Engineering</u> (Engineering) Pages 66 - 67 Add: Michael J. Shumski, Mechanical Engineering

Delete:	Manisha Aggarwal, Biomedical Engineering
	Avinash Aghoram Ravichandran, Electrical and Computer Engineering
	Jatara Chanel Brown, Computer Science
	Terry Hiu Wai Chan, Applied Mathematics and Statistics
	Eric Chen, Biomedical Engineering
	Nicholas Cher, Biomedical Engineering
	Kokleong Choy, Biomedical Engineering
	Mayank Garg, Geography and Environmental Engineering
	Gregory Michael Jastrab, Computer Science
	Nan Li, Biomedical Engineering
	Jun Ma, Biomedical Engineering
	Mohsen Mollazadeh, Biomedical Engineering
	Robert A. Pannariello, Applied Mathematics and Statistics
	Dheeraj Prasad Singaraju, Electrical and Computer Engineering
	Christopher Miles White, Electrical and Computer Engineering

#### 29. <u>Masters of Science in Biotechnology</u> (Arts and Sciences) Pages 69 - 70 Add: Timothy Thomas Belski Carla Evette Brooks William Douglas Hare Hallie Anne Hoskins Deborah Evelyn Lobo Delete: Robert Edward Freundlich

Darin Seth Oppenheimer

30. <u>Master of Arts in Applied Economics</u> (Arts and Sciences) Page 70 Add: Daniel Brandt III

Brian Daniel Ransdell

Master of Delete:	Marisa Stephanie Baldwin	Megan Rose Irene Rolenc
	Sarah Jarrett Balog	Jason Adam Rosenberg
	Lillian Carreon Bautista	Julie Lynn Ruggiero
	Elizabeth Ann Behr	Deirdre Anne Shandle
	John Daniel Boberski	Cristen Quiniece Wallace
	Kimberly Anise Price	Jennifer L. Wright

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32.	Master of Ar	ts in Government (Arts and Sciences) Page 70-71
	Add:	Caroline Elizabeth Butts
		Erica M. Canzler
		Elias Abraham Rothenberg-Lehrer
	Delete:	Gerard Nigel E. Brathwaite Sturgeon
		Rose Tzu Ching Chen
		Jennifer Nicole Harris
		Natasha Sarna Keswani
		Patricia Ann Koudelka
		Grace Guerrero López
		Pooya Rezai
		Christopher King Ross
		Melanie Rose Sanchez
		Jonas Stephan Singer
		Carlo Angelo Vigorito
33.	Master of A	rts in Writing (Arts and Sciences) Page 71

 33.
 Master of Arts in Writing
 (Arts and Sciences) Page 71

 Add:
 Juan Hersel Gaddis

 Sterling S. Heart

 Ashlie Jeanne Kauffman

Delete: Mark Alan Bowman

- 34. <u>Masters of Liberal Arts</u> (Arts and Sciences) Page 71 Add: Janet Marie Muller Jennifer Charlotte Simpson
- 35. <u>Master of Science in Biotechnology/Master of Business Administration</u> (Arts & Science) Page 71 Delete: Elias Abraham Rothenberg-Lehrer
- <u>Doctor of Philosophy</u> (Arts & Science) Page 80 83
   Delete: Haiping Gong, Biophysics



