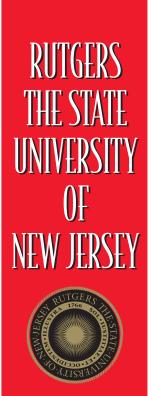
# **RUTGERS** THE STATE **0**F



Please note: American Sign Language interpreters are located on the stage in front of section 103.

Indoor viewing areas are available in the following locations on Voorhees Mall: Scott Hall, Rooms 123 and 135, and Voorhees Hall, Room 105.



Two Hundred and Forty-first Anniversary Commencement May 16, 2007

1:30 P.M.



Please turn off all cell phones and noise-producing electronic devices during the ceremony.

# Order of Exercises

THE PROCESSIONAL	The Rutgers Wind Ensemble Dr. William L. Berz, Conductor
POSTING OF THE COLORS	The Rutgers University Queen's Guard
BOARD OF GOVERNORS' WELCOME	Mr. Albert R. Gamper Jr. Chairman of the Board of Governors
THE NATIONAL ANTHEM	The Rutgers University Glee Club Dr. Patrick G. Gardner, Conductor
PRESIDENT'S GREETING	Dr. Richard L. McCormick President
FACULTY HONORS	Dr. Philip Furmanski Executive Vice President for Academic Affairs
THE CONFERRING OF Honorary degrees	Dr. Richard L. McCormick President
UNDERGRADUATE ADDRESS	Ms. Fraidy Reiss, Class of 2007 University College–New Brunswick
"THE OLD QUEEN'S BELL" by F. Austin "Soup" Walter	The Rutgers University Glee Club Dr. Patrick G. Gardner, Conductor
COMMENCEMENT ADDRESS	<i>Mr. Tavis Smiley</i> <i>Host,</i> Tavis Smiley <i>on PBS and</i> The Tavis Smiley Show <i>from PRI</i>



#### THE CONFERRING OF BACCALAUREATE DEGREES

Rutgers College School of Engineering School of Environmental and Biological Sciences Douglass Residential College Camden College of Arts and Sciences Rutgers Business School-Newark and New Brunswick Newark College of Arts and Sciences University College-Camden University College-Newark University College-New Brunswick College of Nursing Livingston College School of Criminal Justice Mason Gross School of the Arts School of Communication, Information and Library Studies School of Business-Camden Edward J. Bloustein School of Planning and **Public Policy** School of Management and Labor Relations School of Arts and Sciences

Dr. Richard L. McCormick President

Dean Carl Kirschner Dean Michael T. Klein Dean Robert M. Goodman Dean Carmen Twillie Ambar Interim Dean Michael A. Palis

Acting Dean Rosa B. Oppenheim Acting Dean Jan Ellen Lewis Interim Dean Michael A. Palis Acting Dean Jan Ellen Lewis Dean Emmet A. Dennis Dean Felissa R. Lashley Dean Arnold G. Hyndman Dean Leslie W. Kennedy Dean George B. Stauffer

Dean Gustav W. Friedrich Dean Mitchell P. Koza

Dean James W. Hughes Dean David L. Finegold Acting Executive Dean Ziva Galili



THE CONFERRING OF Advanced degrees	Dr. Richard L. McCormick President
Campus at Camden	Interim Provost Margaret Marsh
Candidates for the Degree of	
Juris Doctor	
School of Law-Camden	Dean Rayman L. Solomon
Candidates for the Degree of	
Master of Arts	
Master of Arts in Liberal Studies	
Master of Science	
Master of Physical Therapy	
Master of Public Administration	
Master of Public Health Graduate School–Camden	Interim Dean Michael A. Palis
Graduate school-Caniden	Interim Dean Michael A. Faus
Candidates for the Degree of	
Master of Accounting	
Master of Business Administration	
School of Business–Camden	Dean Mitchell P. Koza
Campus at Newark	Provost Steven J. Diner
Candidates for the Degree of	
Juris Doctor	
School of Law–Newark	Dean Stuart L. Deutsch
Candidates for the Degree of	
Master of Accountancy	
Master of Accountancy in Taxation	
Master of Business Administration	
Master of Quantitative Finance	
Rutgers Business School-Newark and	
New Brunswick	Acting Dean Rosa B. Oppenheim
Candidates for the Degree of	
Master of Arts	
School of Criminal Justice	Dean Leslie W. Kennedy
Candidates for the Degree of	
Master of Arts	
Master of Arts for Teachers	
Master of Arts in Liberal Studies	
Master of Science	
Doctor of Philosophy	
Graduate School–Newark	Provost Steven J. Diner
Candidates for the Degree of	
Master of Public Administration	
Master of Public Health School of Public Affairs and Administration	Deen Mars II.
school of Public Affairs and Administration	Dean marc Holzer



#### Campus at New Brunswick

#### Candidates for the Degree of

Master of Arts Master of Arts for Teachers Master of Philosophy Master of Science Master of Science for Teachers Graduate School–New Brunswick

#### Candidates for the Degree of

*Master of Education* Graduate School of Education

#### Candidates for the Degree of

Master of Social Work School of Social Work

#### Candidates for the Degree of

Master of Psychology Graduate School of Applied and Professional Psychology

#### Candidates for the Degree of

Master of Fine Arts Master of Music Mason Gross School of the Arts

#### Candidates for the Degree of

Master of Communication and Information Studies Master of Library and Information Science School of Communication, Information and Library Studies Dean

Dr. Philip Furmanski

Acting Dean Jolie A. Cizewski

Dean Richard De Lisi

Dean Richard L. Edwards

Dean Stanley B. Messer

Dean George B. Stauffer

Dean Gustav W. Friedrich

Candidates for the Degree of	
Master of City and Regional Planning Master of City and Regional Studies Master of Public Affairs and Politics	
Master of Public Health	
Master of Public Policy	
Edward J. Bloustein School of Planning and Public Policy	Dean James W. Hughes
Tuble Folley	Dean junies w. Ilinghes
Candidates for the Degree of	
Master of Human Resource Management Master of Labor and Employment Relations	
School of Management and Labor Relations	Dean David L. Finegold
Candidates for the Degree of	
Doctor of Philosophy	
Graduate School-New Brunswick	Acting Dean Jolie A. Cizewski
Candidates for the Degree of	
Doctor of Pharmacy	
Ernest Mario School of Pharmacy	Dean John L. Colaizzi
Candidates for the Degree of	
Doctor of Education	
Graduate School of Education	Dean Richard De Lisi
Candidates for the Degree of	
Doctor of Psychology	
Graduate School of Applied and	
Professional Psychology	Dean Stanley B. Messer
Candidates for the Degree of	
Doctor of Musical Arts	
Mason Gross School of the Arts	Dean George B. Stauffer
CHARGE TO THE CLASS	Dr. Richard L. McCormick
OF 2007	President
ALMA MATER*	The Rutgers University Glee Club
	Mr. Thomas Juneau, Assistant Conductor
THE RECESSIONAL	The Rutgers Wind Ensemble
	Dr. William L. Berz, Conductor

\* Following the Alma Mater, members of the audience are requested to resume their seats and to remain seated until the recessional has concluded.

# Commencement Speaker and Honorary Degree Recipient



#### TAVIS SMILEY

Doctor of Humane Letters

Saluted among the most promising young leaders in America by *Time* and hailed by *Newsweek* as one of the "20 people changing how Americans get their news," Tavis Smiley is a broadcaster and political commentator, best-selling author, talk show host, philanthropist, and a strong voice for social change. He is the first American ever to concurrently host signature talk shows on both public television and public radio.

Smiley experienced hardship firsthand growing up in a large family in rural Indiana. He attended Indiana University, where he studied policy and administration, as well as law and public policy, and served in his senior year as an intern for Los Angeles mayor Tom Bradley. He went on to political commentary, first with a 60-second radio newscast called *The Smiley Report* and later as an analyst for national news outlets such as CNN and for the widely syndicated black-oriented radio program *The Tom Joyner Morning Show*. He was executive producer and host of the current affairs program *BET Tonight with Tavis Smiley* on Black Entertainment Television and became the first African American to host his own talk show for National Public Radio. That success was followed by the launching of his PBS television program, *Tavis Smiley*. Smiley developed and hosts *The State of the Black Union*, C-SPAN's series of town hall meetings about issues affecting the African-American community. Later this year, Smiley will bring to the air two unprecedented prime-time forums in which the presidential candidates of the major parties will discuss issues of concern to people of color.

Smiley has authored or edited several books on economic and social empowerment, including the *Covenant with Black America*, a series of essays by black scholars, activists, and political figures that became a political phenomenon and reached No.1 on the *New York Times* Best-Seller List without mainstream exposure. The book lays out a blueprint of what individuals, the community, and the body politic can do to ensure that no one is left behind socially, politically, or economically. He has also written a memoir entitled *What I Know for Sure: My Story of Growing Up in America*.

In 1988, Smiley founded a communications corporation dedicated to human rights and empowerment issues. His self-named foundation works to enlighten, encourage, and empower African-American youth through the development of leadership skills. His philanthropic work has resulted in the establishment of schools for communications and professional media studies at Texas Southern University, ongoing scholarships to African-American high school and college students, and other charitable contributions. Smiley has received numerous awards for his role as a voice for social change, work as a broadcaster, and philanthropy, including an honorary Doctor of Humane Letters from his alma mater.

# **Recipients of Honorary Degrees**



#### JOAN LEBSON BILDNER

Doctor of Humane Letters

Joan Lebson Bildner and her husband, Allen, were owners of Kings Super Markets, Inc., for many years and owners of the SME Co., a family management and investment firm. Their business successes and desire to help people have enabled the Bildners to demonstrate an extraordinary commitment to developing programs that further justice, equality, and diversity. At Rutgers, the Bildners founded the Allen and Joan Bildner Center for the Study of Jewish Life, which has stimulated the development of Jewish studies at Rutgers and promoted scholarship, research, public education, and prejudice reduction. To date, the Bildners and their foundation have supported more than 20 different initiatives at Rutgers, including the Paul Robeson Cultural Center, the Jane Voorhees Zimmerli Art Museum, and the Institute on Ethnicity, Culture, and the Modern Experience. Joan Bildner served for 12 years on Rutgers' Board of Governors and Board of Trustees, and in June 2006, she was elected a Rutgers Trustee Emerita in recognition of her distinguished service. She is currently a member of the Board of Overseers of the Rutgers University Foundation. She was appointed founding co-chair of the New Jersey-Israel Commission and is either a past or current board member or senior executive with such organizations as the Paper Mill Playhouse, Prevent Blindness New Jersey, the Waterloo Foundation for the Arts, the Newark Beth Israel Medical Center, and the Theresa Grotta Rehabilitation Center. She has received the prestigious Volunteer of the Year Award from the New Jersey Chapter of the National Society of Fund Raising Executives, and both she and her husband were honored with the Rutgers Medal for Philanthropic Excellence.



#### DONALD T. DIFRANCESCO

Doctor of Laws

Fifty-first governor of New Jersey and a long-time member of the state senate, Donald T. DiFrancesco served the citizens of New Jersey for nearly 30 years. His career in public service began with his election to the New Jersey General Assembly in 1975. A November 1979 special election saw him elected to the state senate, where he represented the 22nd legislative district. In 1992, he was chosen to serve as president of the senate, going on to set the record as the longest serving state senate president. On January 31, 2001, following the resignation of Governor Christine Todd Whitman, he became the first New Jersey legislator since the 1947 State Constitution to serve in the dual role of governor and senate president. He served with distinction, providing New Jersey with outstanding leadership, particularly during the difficult period following the terrorist attacks of September 11, 2001. A strong advocate for higher education throughout his career in public service, his efforts led to a vastly improved technology infrastructure as well as key additions to and improvements in the capital facilities at New Jersey's higher education institutions. He also sponsored legislation to establish the New Jersey Better Educational Savings Trust, a statemanaged program designed to encourage saving for college. In 2003, he served as a guest lecturer at Rutgers' Edward J. Bloustein School of Planning and Public Policy where his years of experience in state government and keen insight into the political process provided Rutgers students with an invaluable perspective on public service in the modern era. Today, he is a partner in a law firm and a member of the board of directors of Commerce Bancorp.



#### SHIRIN EBADI

#### Doctor of Laws

An Iranian lawyer and human rights activist, Dr. Shirin Ebadi began her career in the mid-1970s as Iran's most accomplished female jurist. In 1975, she became president of the city court of Tehran, the first woman in Iranian legal history to head a legislative branch. Following the Iranian Revolution in 1979, she was forced to resign her position when conservative clerics insisted that judgment by women is forbidden in Islam. She eventually established a law practice, taking on many politically sensitive cases that few other Iranian lawyers were willing to touch. Jailed in Iran herself on a number of occasions, Ebadi is known throughout her country and the world for her defense of victims of the Iranian conservative faction's attack on free speech and political freedom. She is credited with being a driving force behind the reform of family law in Iran by seeking changes in divorce and inheritance legislation. She is also an activist for refugee rights, as well as those of women and children. She is the founder and leader of both the Association for Support of Children's Rights in Iran and the Centre for Defence of Human Rights. An advocate of Reformed Islam, Ebadi argues for a new interpretation of Islamic law in harmony with vital human rights such as democracy, equality before the law, religious freedom, and freedom of speech. Her work has earned her the admiration of human rights groups around the world. In 2003, she became the 11th woman in history to receive the Nobel Peace Prize, awarded for her significant and pioneering efforts for democracy and human rights, especially for the rights of women and children. She was the first Iranian and the first Muslim woman to receive the Peace Prize.

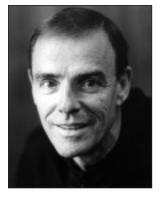
### ALBERT R. GAMPER JR.

#### Doctor of Humane Letters

Albert R. Gamper Jr., outgoing chairman of the university's Board of Governors and a 1966 graduate of Rutgers' University College-Newark, is a true Rutgers loyalist and champion. While a student at Rutgers, Gamper worked at Manufacturers Hanover Trust Company and rose steadily up the corporate ladder. In 1987, he was chosen to serve as chairman and chief executive officer of the CIT Group, Inc., following its acquisition by Manufacturers Hanover. His leadership at CIT helped the firm become one of the nation's largest commercial and consumer financing companies. He retired as chairman of the board of CIT in 2004. Citing his Rutgers degree as a key to his success, Gamper translated his gratitude to his alma mater into a \$1 million gift, matched by CIT, to endow a chair at Rutgers Business School-Newark and New Brunswick. He and his wife, Janice, have also given generous financial support to many other Rutgers programs, such as student scholarships, the Jane Voorhees Zimmerli Art Museum, and the Scarlet R Club, to name just a few. Gamper began his board service at Rutgers on the Board of Overseers of the Rutgers University Foundation in 1993 and was elected to the Board of Trustees the following year. He was appointed to the Board of Governors in 1996 and became chairman in 2004. Beyond Rutgers, Gamper is chairman of the board of Saint Barnabas Health Care System, a trustee of Fidelity Investments, and a director of the Public Service Enterprise Group. He currently or formerly has served on numerous other boards in the areas of business, public television, and the arts. He was inducted into Rutgers' Hall of Distinguished Alumni in 1999 and received the Rutgers Alumni Federation's Award for Meritorious Service in 2000.



#### FATHER EDWIN D. LEAHY, O.S.B.



#### Doctor of Humane Letters

Edwin D. Leahy began his career as a teacher at St. Benedict's Preparatory School in Newark in 1967. The monks of the Newark Abbey had educated boys at St. Benedict's since 1868, but by the early 1970s, waning enrollment, declining student achievement, and financial difficulties forced operations to be suspended. Father Edwin was appointed headmaster with a mission to lead efforts to reopen the school. Under his energetic and charismatic guidance, St. Benedict's reopened in 1973 with 89 students, 14 faculty members, and renewed determination to ready young men from the Newark area for higher education and productive careers. Students soon found that Father Edwin had set high standards of personal discipline, social responsibility, and moral integrity, which were reinforced in the classroom and by a strong peer support system. Strenuous athletic and extracurricular activities were also encouraged. Father Edwin earned a reputation as a "hands-on" headmaster, one who was always there for his students as a counselor and friend. Today, 34 years after its new beginning, St. Benedict's is flourishing. Its enrollment has grown to 584 students, most from economically disadvantaged backgrounds, and there are 67 faculty members. The school's graduation rate is high, and 95 percent of its graduates go on to college. Its campus includes an academic-athletic center, library, field house, athletic playing fields, new gymnasium, and residence hall that houses 75 students. While funding challenges remain, St. Benedict's now has a \$30 million endowment and a highly effective fundraising program. Proud alumni point to the school's environment, which owes so much to the efforts of Father Edwin, as a key ingredient in setting them on the course to successful lives.



#### GORDON H. SATO Doctor of Humane Letters

A lifetime of achievement in the sciences—as an accomplished research biologist and a member of the National Academy of Sciences, author or coauthor of more than 150 scientific papers, faculty member at such institutions as the University of California, and director of the W. Alton Jones Cell Science Center-helped prepare Dr. Gordon H. Sato for one of the most rewarding projects in his life: cultivating mangrove trees along the coast of Eritrea, a drought-stricken African nation. There, in one of the world's poorest and driest nations, sustainable, affordable agricultural practice is a constant struggle, and famine is frequent. Sato recognized that mangrove trees, already growing along some of the country's coast, could be made to tolerate and even flourish in the brackish tidal wash of coastal Eritrea. Beginning in 1988, Sato and his nonprofit Manzanar Project-named after the camp in which he, his parents, and many other Americans of Japanese ancestry were interned during the early days of World War II-have planted thousands of mangroves. The leaves of the plants provide fodder to raise enough animals to feed several thousand people. Local Eritreans use the mangrove branches for fuel, and the roots of the plants create the perfect natural environment for fish farming. There in the shallow water, crab, shrimp, and fish all thrive on the plankton, algae, and organisms that grow among the mangrove roots. Since 1988, Sato has invested more than \$500,000 of his own money in the Manzanar Project. A 2002 recipient of the prestigious international Rolex Award for Enterprise and the 2005 Blue Planet Award, Sato has created one of the world's most remarkable humanitarian projects and is working to help impoverished, coastal Eritrean communities develop a low-technology, sustainable agricultural economy.



#### EUGENIE C. SCOTT

#### Doctor of Science

Dr. Eugenie C. Scott, a physical anthropologist and internationally recognized advocate of scientific literacy, is the founding director of the National Center for Science Education (NCSE), established in 1987 to defend the teaching of evolution in public school science classes. The NCSE is composed of scientists, teachers, and other professionals working to improve the teaching of evolution and promote the view of science as a classical educational "way of knowing." Scott earned her Ph.D. degree at the University of Missouri and has taught at the University of Kentucky and the University of Colorado. She is a Fellow of the American Association for the Advancement of Science and a former president of the American Association of Physical Anthropologists. She is a leading expert on creationismincluding intelligent design-and one of its strongest critics. Deeply committed to the separation of church and state, she believes that while instructors must respect their students' religious views, science and evolution are not de facto antireligious, and schools should only allow science to be taught in science classes. She has served on many occasions as an adviser to and advocate for parent and educator groups opposing the actions of school boards, legislators, and others seeking to promote the teaching of creationism as a science. In 1980, Scott led efforts to block a school board in Kentucky from including creationism in its curriculum. One of her most visible recent efforts has been the six-year fight against the Kansas State Board of Education's decision to remove evolution from that state's testing standards. Her efforts have earned her such honors as the public service awards from both the National Science Board and the Geological Society of America, and the Distinguished Service Award from the California Science Teachers Association.

### Undergraduate Speaker



### FRAIDY REISS

Class of 2007 University College–New Brunswick

Each year, a committee of faculty and staff members chooses from among nominees put forward by the deans of Rutgers' undergraduate colleges an outstanding graduating senior to deliver the undergraduate commencement address. This year, Fraidy Reiss of Lakewood, New Jersey, has been selected for this honor. Like most students of University College, Rutgers' undergraduate college for adult and part-time students, Reiss balanced academic studies with personal and professional responsibilities. While raising two daughters, serving as president of the parent-teacher organization of her children's school, and working as a freelance reporter, she pursued a journalism degree and maintained a 4.0 grade-point average. She also served as editor-in-chief of the University College literary magazine, worked on the college yearbook, and interned at the *Press of Atlantic City.* An article she wrote for an investigative journalism class spurred nationwide debate and led to her appearance on *The Daily Show with Jon Stewart.* Graduating with honors, Reiss is now a reporter with the *Asbury Park Press.* 

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# University Senate

Professor Martha A. Cotter, Chair

### Commencement Music

#### The Rutgers Wind Ensemble

#### Processional Olympic Fanfare and Theme for the Olympic Flag Pomp and Circumstance Military March No. 1 Crown Imperial Recessional Americans We Florentiner March

James Curnow Edward Elgar William Walton

Henry Fillmore Julius Fucik John Philip Sousa

## University Gonfalonier and Head Marshal

Professor Martha A. Cotter

The Liberty Bell March

# Commencement Readers

Dean Kathleen A. Coakley

Professor Paul L. Leath

Professor Kathleen M. Scott

# Faculty Marshals

Dean Barbara E. Bender Principal Marshal Dr. Stephen M. Ferst Principal Marshal Professor Susan L. Albin Ms. Melanie A. Andrich Professor Joseph Barone Professor Peter Dennis Bathory Professor Haym Benaroya Professor Leslie Ellen Fishbein Professor Ann B. Gould Professor Nancy A. Hewitt Professor Bradley Hillman Professor Briavel Holcomb Professor Barry W. Jesse Professor Jennifer M. Jones

Professor Benjamin J. Justice Professor Shalonda Kelly Mr. Thomas A. Kujawski Dean Jerome J. Kukor Professor Richard D. Ludescher Professor Jennifer S. Mandelbaum Dean Martin S. Markowitz Professor Matt K. Matsuda Professor Patricia A. Mayer Professor Lorraine D. McCune Professor Terry R. McGuire Professor Sarah Blake McHam

Dr. Richard J. Novak Mr. Joseph G. Percoco Professor Jonathan Prince Dr. Barry V. Qualls Mr. Michael C. Quinlan Professor Wallis Reid Professor Alan Robock Professor William M. Rodgers Dr. Daniel Rossi Dr. Linda G. Schulze Professor Lisa Schur Professor Shirley A. Smoyak Professor Edmund M. Tavernier Professor Cheryl A. Wall Professor Allison Zippay



Dr. Richard L. McCormick, President

## Graduate School-New Brunswick

### DOCTOR OF PHILOSOPHY

Candidates for the degree of Doctor of Philosophy from the Graduate School–New Brunswick are presented in alphabetical order according to the school in which their graduate degree program resides.

#### **GRADUATE SCHOOL-NEW BRUNSWICK**

Konrad Borys\* OPERATIONS RESEARCH On Generation of Cut Conjunctions, Minimal k-Connected Spanning Subgraphs, Minimal Connected and Spanning Subsets, and Vertices Adviser: Endre Boros Xiaoling Hou\* OPERATIONS RESEARCH New Results in Stochastic Programming under Incomplete Information Adviser: András Prékopa Yongcheng Ji\* OCEANOGRAPHY Effects of Phosphorus Availability on Cellular Metals in Phytoplankton: Lake Superior as a Model System Adviser: Robert M. Sherrell Marcin Kaminski OPERATIONS RESEARCH New Algorithmic and Hardness Results on Graph Partitioning Problems Adviser: Vadim V. Lozin Brenda J. Landau\* OCEANOGRAPHY An Investigation into the Phenotypic Consequences of Triploidy and Aneuploidy in Two Cupped Oyster Species, Crassostrea virginica and Crassostrea gigas Adviser: Ximing Guo Irina Lozina OPERATIONS RESEARCH Composite Boolean Separators for Data Analysis with Applications in Computed Tomography and Gene Expression Microarray Data Advisers: Peter L. Hammer and Alexander Kogan Martin Milanic OPERATIONS RESEARCH Algorithmic Developments and Complexity Results for Finding Maximum and Exact Independent Sets in Graphs Adviser: Vadim V. Lozin Shannon Gay Newby\* OCEANOGRAPHY Boundary Layer Flow and Interactions between Initial Surfclam Recruits (Spisula solidissima), the Hermit Crab (Pagurus longicarpus), and the Sea Star (Asterias forbesi) Adviser: Judith P. Grassle Nilay Noyan\* OPERATIONS RESEARCH Optimization with First Order Stochastic Dominance **Constraints** Adviser: Andrzej Ruszczyński Matthew John Oliver\* OCEANOGRAPHY Towards a Synthesis of Continental Shelf Dynamics and Eukaryotic Phytoplankton Evolution Advisers: Oscar Schofield and Paul Falkowski Tuo Shi\* OCEANOGRAPHY Genome-Enabled Informatics and Biochemical Genetics in Marine Cyanobacteria Adviser: Paul Falkowski

Ersoy Subasi† OPERATIONS RESEARCH Sharp Bounds for Expectations and Probabilities in a Distribution with Given Shape Information Adviser: András Prékopa

Gabriel Tavares OPERATIONS RESEARCH New Algorithms for Quadratic Unconstrained Binary Optimization (QUBO) with Applications in Engineering and Social Sciences Adviser: Endre Boros

#### SCHOOL OF ARTS AND SCIENCES

Marat R. Akopian\* POLITICAL SCIENCE Toward Empirical Theory of Choices of Electoral Systems: Electoral Reform in Russia, 1993–1995 Adviser: Jan Kubik

**Tatjana Aleksic** COMPARATIVE LITERATURE Mythistory in a Nationalist Age: A Comparative Analysis of Serbian and Greek Postmodern Fiction Adviser: Josephine Diamond

Benjamin Amorelli\* CHEMISTRY AND CHEMICAL BIOLOGY I. Enzyme Inhibitors Derived from NAG-Thiazoline II. Family of Mycothiol Analogues III. Azidoribose Sulfate Donor for the Liposidomycin C Diazepanone Nucleoside Adviser: Spencer Knapp

Roksana Badruddoja Sociology The ABCD Conundrum: What Does It Mean to Be a South Asian-American Woman? Adviser: Ethel C. Brooks

**Bing Bai** COMPUTER SCIENCE Feature Extraction and Matching in Content-Based Retrieval for Functional Brain Image Adviser: Paul B. Kantor

Suhrid Balakrishnan COMPUTER SCIENCE Algorithms and Applications for Classifiers of Massive and Structured Data Problems Adviser: David Madigan

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Marie Barchant Comparative Literature

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### Graduate School-New Brunswick continued

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Sasha J. Carr\* PSYCHOLOGY Body Image and Willingness to Risk Health: A Comparison between Users and Non-Users of Anabolic-Androgenic Steroids and Other Appearance/Performance-Enhancing Drugs Adviser: James W. Langenbucher

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### Graduate School-New Brunswick continued

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Rong Zhang\* COMPUTER SCIENCE Image and Video Classification Adviser: Dimitris N. Metaxas

#### **SCHOOL OF ENGINEERING**

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Ardavan Amini INDUSTRIAL AND SYSTEMS ENGINEERING A Decision-Theoretic Control Synthesis Model for Distributed Systems Adviser: Mohsen A. Jafari

Chiraporn Auechalitanukul\* CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Hot Pressing Densification of Spherical Polycrystalline Particles of Superplastic Zirconia Adviser: W. Roger Cannon

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Hrishikesh Keshavan\* CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Hot Forging of Melt Quenched Powder: Microstructure Development and Kinetics of Densification Adviser: W. Roger Cannon



### Graduate School-New Brunswick continued

Kyunghan Kim MECHANICAL AND AEROSPACE ENGINEERING The Thermal Response of Biological Tissues Subjected to Pulsed Laser Irradiation Adviser: Zhixiong Guo Athanas A. Koynov\* CHEMICAL AND BIOCHEMICAL ENGINEERING Analysis of Mixing, Mass Transport, and Complex Reactions in Gas-Liquid Flows by Multiphase DNS Adviser: Johannes G. Khinast Muharrem Kunduraci CERAMIC AND MATERIALS SCIENCE AND ENGINEERING High Power 4.7 V Nanostructured Spinel LiMn<sub>1.5+δ</sub>Ni<sub>0.5-δ</sub>O<sub>4</sub> Lithium-Ion Battery Cathode Materials Adviser: Glenn G. Amatucci Kim-Phuong Nguyen Le\* CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Multiphase Biocompatible Polymer Blends from Poly(L-Lactide) and Poly(Methyl Methacrylate) Adviser: Richard L. Lehman Qing Li Electrical and Computer Engineering Detection and Defense Strategies for Anomalous Traffic in Wireless Networks Adviser: Wade Trappe Zhen Li Electrical and Computer Engineering A Scalable, Decentralized Coordination Infrastructure for Grid Environments Adviser: Manish Parashar Yinglung Liang Electrical and Computer Engineering Failure Analysis and Prediction Model for BlueGene/L Adviser: Yanyong Zhang Ruoheng Liu Electrical and Computer Engineering Reliable and Secure Communication Schemes for Wireless Networks Adviser: Predrag Spasojević Xue Liu\* Chemical and Biochemical Engineering Instability and Segregation in Bounded Gas-Particle Fluidized Beds and Granular Flows Adviser: Benjamin J. Glasser Ying Ma\* CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Variable Charge Force Field and Its Application to SiC/SiO<sub>2</sub> Systems Adviser: Stephen H. Garofalini Srinivas Maloor Electrical and Computer Engineering Strategies for Scaling and Weighting Variables for Cluster Analysis Adviser: David Madigan Nader Marandian-Hagh<sup>†</sup> CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Lead-Free Piezoelectric Ceramics and Transducers in Potassium Sodium Niobate-Solid Solution System Adviser: Ahmad Safari Ivana Maric\* Electrical and Computer Engineering Cooperative Strategies for Wireless Relay Networks Adviser: Roy D. Yates Amit Mehrotra CHEMICAL AND BIOCHEMICAL ENGINEERING Effects of Cohesion in Powder Mixing Adviser: Fernando J. Muzzio Katherine Margaret Mikulka\* CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Extrinsic Effects on Crystal Perfection of Epitaxial Lead Zirconium Titanium Oxide on Strontium Titanate Adviser: Richard E. Riman

Ashutosh Morde† ELECTRICAL AND COMPUTER ENGINEERING Asymmetric Collaboration: Enabling a Shared Workspace through Augmented and Virtual Realities Adviser: Mourad Bouzit

Hithesh Nama Electrical AND COMPUTER ENGINEERING Resource Allocation in Cooperative and Non-Cooperative Energy-Constrained Wireless Networks Adviser: Narayan Mandayam

Nebahat Noyan† CIVIL AND ENVIRONMENTAL ENGINEERING Analyzing Accidents Using Bayesian and Spatial Modeling Adviser: Kaan Ozbay

Ozgur Ozkul† CIVIL AND ENVIRONMENTAL ENGINEERING A New Methodology for the Analysis of Concrete Beams Prestressed with Unbonded Tendons Adviser: Hani H. Nassif

Haiyong Quan\* MECHANICAL AND AEROSPACE ENGINEERING Characterization of Optical Whispering Gallery Mode Resonance and Applications Adviser: Zhixiong Guo

- Varadharajan Ranganathan\* CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Sol-Gel Derived Erbium Doped Yttrium Silicates Adviser: Lisa C. Klein
- Sudarshan A. Rao\* ELECTRICAL AND COMPUTER ENGINEERING Operational Fault Detection in Distributed Cellular Networks: Framework and Methodologies Adviser: Zoran Gajic
- **Rajamani Sethuram** ELECTRICAL AND COMPUTER ENGINEERING *Reducing Test Cost Using the Test Point Insertion Technique* Adviser: Michael Lee Bushnell
- Nripen S. Sharma CHEMICAL AND BIOCHEMICAL ENGINEERING Metabolic Engineering of Embryonic Stem Cell Differentiation into Hepatocytes Advisers: Martin L. Yarmush and Marianthi Ierapetritou

Ram Sharma\* CHEMICAL AND BIOCHEMICAL ENGINEERING Nanoscale Display of Matrix Ligands for Enhanced Cellular and Matrix Dynamics Adviser: Prabhas V. Moghe

Jasvinder Singh ELECTRICAL AND COMPUTER ENGINEERING Resource Allocation in Coordinated and Uncoordinated Wireless Systems with Greedy or Non-Greedy Users Adviser: Christopher Rose

Sonal A. Srivastava<sup>†</sup> CIVIL AND ENVIRONMENTAL ENGINEERING Direct CAD Based Meshless Analysis of Piezoelectric Resonators Adviser: Yook-Kong Yong

Heidi Taboada Jimenez INDUSTRIAL AND SYSTEMS ENGINEERING Multiobjective Optimization Algorithms Considering Objective Preferences and Solution Clusters Adviser: David W. Coit

**Robert Uhrin** CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Alkali Common-Ion System for the Preparation of Rare-Earth Orthophosphates Adviser: Richard E. Riman

Hüsnü Emrah Ünalan\* CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Single Walled Carbon Nanotube Thin Films: Properties and Applications Adviser: Manish Chhowalla

### Graduate School-New Brunswick continued

- Hari Vijay Venkatanarayanan ELECTRICAL AND COMPUTER ENGINEERING Improving the Bit-Error Rate (BER) Performance of the High Speed Serializer-Deserializer (SERDES) Circuits Adviser: Michael L. Bushnell
- Yun Wang ELECTRICAL AND COMPUTER ENGINEERING High Frequency Techniques for Advanced MOS Device Characterization Adviser: Kin P. Cheung
- Di Wu ELECTRICAL AND COMPUTER ENGINEERING Sequence Design with Applications to Ultra-Wideband Communication Systems Adviser: Predrag Spasojević
- Kuan Wu CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Experimental and Finite Element Modeling Study of Co-Sintering of Multilayer, Multifunctional Ceramics Adviser: M. John Matthewson
- Pan Wu\* ELECTRICAL AND COMPUTER ENGINEERING Fe-Doped ZnO Films and Nanostructures for Spintronics Adviser: Yicheng Lu
- Wenyuan Xu ELECTRICAL AND COMPUTER ENGINEERING Defending Wireless Networks from Radio Interference Attacks Adviser: Wade Trappe
- Ilgin Yasar\* CIVIL AND ENVIRONMENTAL ENGINEERING Development and Evaluation of Feedback-Based Freeway Ramp Metering Strategies Adviser: Kaan Ozbay
- Hui Ye CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Investigation of Novel Electrolyte Systems for Advanced Metal/Air Batteries and Fuel Cells Adviser: Jun John Xu
- Hang Zhang INDUSTRIAL AND SYSTEMS ENGINEERING Analysis of Process Control Baseline Data Using Data Mining Adviser: Susan L. Albin
- Hao Zhang INDUSTRIAL AND SYSTEMS ENGINEERING Modeling and Planning Accelerated Life Testing with Proportional Odds Adviser: Elsayed A. Elsayed
- Li Zhang\* ELECTRICAL AND COMPUTER ENGINEERING Enabling Asynchronous Interaction and Coupling for Parallel Scientific Applications Using Decentralized Semantically Specialized Shared Spaces Adviser: Manish Parashar
- Hong Zhao<sup>†</sup> MECHANICAL AND AEROSPACE ENGINEERING Experimental and Computational Studies of Flame Synthesis of Nanoparticles: Effects of Pressure, Precursor Loading, and Electric Field Adviser: Stephen D. Tse
- **Peng Zhao** INDUSTRIAL AND SYSTEMS ENGINEERING Distributed System with Self-Diagnosis and Self-Healing Adviser: Mohsen A. Jafari
- Bin Zheng MECHANCIAL AND AEROSPACE ENGINEERING Topology Optimization Considering Design Dependent Loadings Adviser: Hae Chang Gea

#### SCHOOL OF ENVIRONMENTAL AND BIOLOGICAL SCIENCES

- **Myla Faye Aronson**<sup>†</sup> ECOLOGY AND EVOLUTION Ecological Change by Alien Plants in an Urban Landscape Adviser: Steven N. Handel
- Bharani Ashokan FOOD SCIENCE Developing Design and Scale-Up Principles for Continuous Mixers through 3D Numerical Simulation of Flow and Mixing Adviser: Jozef L. Kokini
- Kristen Bartlett ENTOMOLOGY Factors Contributing to the Host Preference of Culex territans Walker (Diptera: Culicidae) Adviser: Randy Gaugler
- Joseph Boesenberg GEOLOGICAL SCIENCES Experimental Petrology of Meteorites: Phosphorus and Oxygen Isotopes in Olivine Adviser: Roger Hewins
- Ann Marie Grover Carlton\* ENVIRONMENTAL SCIENCES Secondary Organic Aerosol (SOA) Formation through Cloud Processing: Aqueous Photooxidation of Glyoxal and Methyglyoxal Adviser: Barbara J. Turpin
- Yu-Fang Chang FOOD SCIENCE Regulation of the Yeast Opi1p Repressor and the CTP Synthetase Enzyme by Phosphorylation Adviser: George M. Carman
- Hang Chen\* FOOD SCIENCE Polyphenolic Composition of Tea (Camellia sinensis) and Its Relationship with Antioxidant Activity and Processing Adviser: Chi-Tang Ho
- Hyeon-Son Choi FOOD SCIENCE Regulation of Phospholipid Synthesis in Saccharomyces cerevisiae by mRNA Stability Adviser: George M. Carman
- Mal-Gi Choi\* FOOD SCIENCE Regulation of Yeast Choline Kinase and Human CTP Synthetase by Phosphorylation Adviser: George M. Carman
- Christos Efstathiou ENVIRONMENTAL SCIENCES Integration of Biogenic Emissions in Environmental Fate, Transport, and Exposure Systems Adviser: Panos G. Georgopoulos
- Jason Herrington ENVIRONMENTAL SCIENCES Development and Evaluation of Airborne Carbonyl Measurement Methods Adviser: Junfeng Zhang
- Andre O. Hudson\* PLANT BIOLOGY Lysine Biosynthesis in Arabidopsis thaliana L.: The Characterization of an L,L-Diaminopimelate Aminotransferase That Defines a Novel Variant of the Lysine Biosynthesis Pathway Adviser: Thomas Leustek
- Didem Z. Icoz FOOD SCIENCE
  - Understanding Molecular Miscibility and Thermodynamic Compatibility of Carbohydrate Biopolymers Adviser: Jozef L. Kokini

Gender- and Tissue-Dependent Regulation of Individual Rat P450 3A Enzymes by PCN and the Study of the Structure-Function Relationship of Rat P450 3A Isoforms by Site-Directed Mutagenesis Adviser: Paul E. Thomas Jay Farrell Kelly\* ECOLOGY AND EVOLUTION Explanations in the Biology and Restoration of the Endangered Plant Species, Schwalbea americana (American Chaffseed), in New Jersey Adviser: Andrew P. Vayda Jaechul Kim† Environmental Sciences An Investigation of Activity Duration Input Modeling by Duration Variance Ratio for Simulation-Based Construction Scheduling Adviser: Tefor P. Williams Jun Tae Kim FOOD SCIENCE Static and Dynamic Adsorption of Â-Lactoglobulin on Polymeric Membrane Surface and Development of Novel Membranes by Surface Modification Adviser: Sean X. Liu Haibin Li Environmental Sciences Understanding Soil Moisture Dynamics Using Observations and Climate Models Adviser<sup>1</sup> Alan Robock Bin Liu<sup>†</sup> FOOD SCIENCE Quantitative Analysis on the Growth, Migration, and Attachment of Salmonella Spp. during the Alfalfa Seed Sprouting Process Adviser: Donald W. Schaffner Godwin Mollel Geological Sciences Geochemistry and Geochronology of Ngorongoro Volcanic Highland (NVH) and Its Relationship to Laetoli and Olduvai Gorge, Tanzania Adviser: Carl C. Swisher III Priya Narasingarao\* Environmental Sciences Anaerobic Bacterial Respiration of Selenium Oxyanions Adviser: Max Häggblom Hoan-Jen E. Pang FOOD SCIENCE Influence of Environmental Factors and the Host's Susceptibility on the Development of Listeria monocytogenes Infection in the Guinea Pig Model Adviser: Karl R. Matthews Dana Price Ecology and Evolution Phylogeny, Biogeography, and Behavior of the Dung Beetle Genus Phanaeus Macleay (Coleoptera: Scarabaeidae: Scarabaeinae) Adviser: Michael May Feng Qiao<sup>†</sup> Environmental Sciences Biofilter Removal of Methane from Contaminated Air Adviser: Peter F. Strom Javier Christian Ramirez Perez # Environmental Sciences Aerobic Biodegradation Kinetics of Solid Organic Wastes on Earth and for Applications in Space Adviser: Peter Strom Divya Ramji FOOD SCIENCE Isolation of Gingerols and Shogaols from Ginger and Evaluation of Their Chemopreventive Activity on Prostate Cancer Cells and Anti-Inflammatory Effect on 12-O-Tetradecanoyl-Phorbol-13-Acetate (TPA)-Induced Mouse Ear Inflammation Adviser: Chi-Tang Ho

Yi-Hua Jan Environmental Sciences

Adviser: James E. Simon Chada Ruengruglikit† FOOD SCIENCE Fabrication of Biosensors for Food Pathogen Detection Adviser: Qingrong Huang Celine Santiago Bass Ecology AND Evolution Parasite Communities and Effects on Mummichog (Fundulus heteroclitus) Physiology, Anatomy, and Behavior Adviser: Judith S. Weis Seung-Shick Shin FOOD SCIENCE Oncogenic Activities of GRM1 in Melanocyte Transformation Adviser: Suzie Chen Sandeep Sood FOOD SCIENCE Involvement of the 5-Lipoxygenase Pathway in Oro-Esophageal Carcinogenesis and Chemopreventive Effects of Zileuton and Green Tea Catechins Advisers: Chung S. Yang and Xiaoxin Chen Di Tan FOOD SCIENCE Trapping of Mythylglyoxal by Dietary Compounds in Vitro Adviser: Chi-Tang Ho Meghan L. Tierney\* Environmental Sciences Naphthalene Degradation by Denitrifying Bacteria Adviser: Lily Young Mónica S. Torres PLANT BIOLOGY Defensive Mutualism in the Clavicipitaceae: An Evaluation Based on Morphology, Phylogeny, and Alkaloid Production Adviser: James White Sripriya Venkiteswaran\* NUTRITIONAL SCIENCES Molecular Aspects of Targeting Estrogen Receptor (ER)-Positive and ER-Negative Breast Cancer Cells Adviser: T.J. Thomas HOU WIL FOOD SCIENCE Isolation and Characterization of Natural Products from Ginger and Allium ursinum Adviser: Chi-Tang Ho Xin Zhou† ENTOMOLOGY The Larvae of Chinese Hydropsychidae (Insecta: Trichoptera): Delimiting Species Boundaries Using Morphology and DNA Sequences Adviser: Karl M. Kjer **ERNEST MARIO SCHOOL OF PHARMACY** Young-Sam Keum<sup>†</sup> PHARMACEUTICAL SCIENCE The Induction of Phase II Detoxifying Enzymes and Prostate Cancer Prevention by Chemopreventive Isothiocyanates Adviser: Ah-Ng Tony Kong Sung-Hack Lee PHARMACEUTICAL SCIENCE Characterizing the Mechanism of Differential Pharmacokinetic

Paulo Guilherme Ribeiro PLANT BIOLOGY

Breeding for Chilling Tolerance in Basil (Ocimum basilicum L.)

Characterizing the internation of Differential Pharmacokineth Disposition of Two Structurally Similar Nucleoside Reverse Transcriptase Inhibitors, Zidovudine and Didanosine Adviser: Patrick J. Sinko Refika Isil Pakunlu† PHARMACEUTICAL SCIENCE

Novel Anticancer Drug Delivery System for Molecular Targeting of Pump and Nonpump Cellular Resistance Adviser: Tamara Minko

Guoxiang Shen\* PHARMACEUTICAL SCIENCE Cancer Chemoprevention by Dietary Phytochemicals: In Vitro and in Vivo Molecular Mechanisms Adviser: Ah-Ng Tony Kong

† January 2007 Graduate
 † May 2005 Craduate

### Graduate School-New Brunswick continued

Yaming Su\* PHARMACEUTICAL SCIENCE The Role of Efflux Transporters in the Pharmacokinetics and Pharmacodynamics of Anti-Cancer Drugs Adviser: Patrick J. Sinko

Li Wan PHARMACEUTICAL SCIENCE Nanopharmaceutical for Improved Anti-HIV Therapy Adviser: Patrick J. Sinko

- Yang Wang PHARMACEUTICAL SCIENCE Hypoxia Inducible Factor: Targeted Anticancer Prodrug Adviser: Tamara Minko
- **Brian Allen Yeagy**† **PHARMACEUTICAL SCIENCE** Salicylate Based Poly(Anhydride-ester) Microspheres: Preparation, in Vitro, and in Vivo Characterization Adviser: Thomas J. Cook
- **Fanfan Zhou** PHARMACEUTICAL SCIENCE Structure-Function Relationship and Regulation of Organic Anion Transporters (OATs) Adviser: Guofeng You

#### **GRADUATE SCHOOL OF EDUCATION**

**Rebecca Brittain** EDUCATION The Influence of Informational and Narrative Picturebook Texts on Read-Aloud Literacy Events in a Spanish-English Bilingual First Grade Classroom Adviser: Dorothy S. Strickland

Weiling Deng EDUCATION An Innovative Use of the Standardized Log-Likelihood Statistic to Evaluate Person Fit Adviser: Jimmy de la Torre

Josiah Evans EDUCATION Comparability of Examinee Proficiency Scores on Computer Adaptive Tests Using Real and Simulated Data Adviser: Jimmy de la Torre

#### Carolyn Groff Education

Going Straight to the Source: Students with Reading Difficulties Talk about Reading, Self-Efficacy, and Reading Instruction Adviser: Melanie Kuhn

Nobuhiko Hamamoto EDUCATION Implementation Issues of the Integrated Study in Junior High Schools

Adviser: Catherine Lugg

#### Ellen Martine Herr-Israel\* EDUCATION

Single Words to Combinations: Longitudinal Analysis Reveals Constructive Processes Integrating Lexical and Pragmatic Development within a Conversational Context Adviser: Lorraine McCune

#### Anastasiya Lipnevich EDUCATION

Response to Assessment Feedback: The Effects of Grades, Praise, and Source of Information Adviser: Jeffrey Smith

#### Hao Song EDUCATION

A Higher-Order Item Response Model: Development and Application Adviser: Jimmy de la Torre

#### SCHOOL OF SOCIAL WORK

#### Ranjana Banerjea\* Social Work

Regular Health Care as a Factor in Improving HIV Testing and STI Treatment in Adolescents: A Structural Equation Modeling Approach Adviser: Judith C. Baer

#### Karen Elizabeth Herman\* SOCIAL WORK

Entertainment-Education as a Social Change Strategy: Challenging Violence against Women and Girls Adviser: Allison Zippay

#### Langdon L. Holloway Social Work

Alcohol Use and the Adolescent Male's Experience of the Parents' Marital Disruption Adviser: Judith C. Baer

#### Marilyn Jacob Social Work

The Significance of Gender in Choosing an Etiological Model of Delinquency Adviser: Donald Dickson

#### Michael Knox Social Work

Adult Medicaid Beneficiaries with Developmental Disabilities and Epilepsy: Characteristics, Health Service Utilization, and Expenditures Adviser: Stephen Crystal

#### Chieh-Wen Liu† Social Work

Fathers' Involvement with Young Children's Well-Being in Fragile Families: A Longitudinal Study of Dyadic Effects of Unwed Couples and the Study's Correlates Adviser: Judith C. Baer

#### Nunzia Scotto Rosato† Social Work

Factors Associated with Adolescents' Mental Health Access and Patterns of Utilization Adviser: Judith C. Baer

#### Patricia Sermabeikian† Social Work

Sexual Offenders' Use of Psychological Maltreatment in the Child Sexual Abuse Victimization Process Adviser: Donald Dickson

#### Nancy Violette Social Work

Is Tobacco Treatment Effective for Substance Use Outcomes? Evidence from a Statewide Addiction Treatment Survey Adviser: Kathleen Pottick

#### SCHOOL OF MANAGEMENT AND LABOR RELATIONS

 Debra Lynn Rauanheimo Casey†
 INDUSTRIAL RELATIONS AND

 HUMAN RESOURCES
 Managing Conflict through Organizational Ombuds Programs:

 The Exercise of Remedial and Preventive Voice in the
 Workplace

 Adviser: Adrienne Eaton
 Carlos Martin-Rios\*

 Carlos Martin-Rios\*
 INDUSTRIAL RELATIONS AND HUMAN

 RESOURCES
 Establishing Accountability Systems in Collaborative

 Knowledge-Work
 Adviser: Charles Heckscher

Rho Keun Park INDUSTRIAL RELATIONS AND HUMAN RESOURCES The Adoption and Effectiveness of Employee Participation in Decision Making and Financial Results Adviser: Douglas Kruse

#### MASON GROSS SCHOOL OF THE ARTS

David E. Buddin\* MUSIC

A Few Lessons in Transformation from Ives' Waltz-Rondo Litany for Orchestra

Adviser: Charles Wuorinen

Stephen Jamison\* Music All Together Now! for Sextet and the Compositional Techniques Used in All Together Now! Adviser: Richard Chrisman

Brendan McConville Music

An Alternative Perspective: The Governing Intervals of Béla Bartók and Discussion of Their Compositional Influences on Tableaux of Katrina Adviser: Gerald Chenoweth

#### SCHOOL OF COMMUNICATION. INFORMATION AND LIBRARY STUDIES

Christopher T. Caldiero\* COMMUNICATION, INFORMATION AND LIBRARY STUDIES Crisis Communication Effectiveness in the Context of the

Relational Perspective of Public Relations and Benoit's Image **Repair Strategies** Adviser: Maureen Taylor

Yi-Fan Chen Communication, Information and Library Studies The Mobile Phone and Socialization: The Consequences of Mobile Phone Use in Transitions from Family to School Life of U.S. College Students Adviser: James E. Katz

Kalpana David Communication, Information and Library Studies Cooking, Cleaning, and Charging the Cell Phone: The Impact of Cell Phone Usage on the Traditional Gender Roles of Indian Women

Adviser: James E. Katz

- Tsai-Youn Hung\* COMMUNICATION, INFORMATION AND LIBRARY STUDIES Search Strategies for Image Retrieval in the Field of Journalism Adviser: Tefko Saracevic
- Kathleen M. Immordino\* Communication, Information and LIBRARY STUDIES

The Impact of Structured Organizational Self-Assessment Processes on Issue Identification and Priority Setting: A Case Study Using a Baldrige-Based Assessment Adviser: Brent D. Ruben

Wha In Kang Communication, Information and Library Studies Comparative Analysis of News Media Coverage of Foreign Policy from a Hegemony Perspective Adviser: John Pavlik

Giyeong Kim\* COMMUNICATION, INFORMATION AND LIBRARY STUDIES

A Collection Decision Model Using Academic Health Science Library Serials

Adviser: Daniel O. O'Connor

Ying-Hsang Liu COMMUNICATION, INFORMATION AND LIBRARY STUDIES The Usefulness of Medical Subject Headings (MeSH) in Biomedical Searching: Impact of Subject Domain Knowledge and Search Experience Adviser: Nina Wacholder

Gina Marcello-Serafin COMMUNICATION, INFORMATION AND LIBRARY STUDIES A Media Literacy Intervention: Developing the Ability and Motivation to Process Advertisements Adviser: Robert Kubey

Sheila McAllister-Greve\* Communication, Information and LIBRARY STUDIES Forming Dialogic Relationships via Community College Web Sites

Adviser: Maureen Taylor

Stewart M. Mohr Communication, Information and Library Studies The Role of Communication in Knowledge Management and Knowledge Exchange in Organizations Adviser: Claire R. McInerney

Insuk Oh\* Communication, Information and Library Studies Modeling Believable Human Computer Interaction with an Embodied Conversational Agent: Face-to-Face Communication of Uncertainty Adviser: Mark G. Frank

Andrea M. Pampaloni\* COMMUNICATION, INFORMATION AND LIBRARY STUDIES Communicating Image: Creating and Projecting Organizational Image to External Stakeholders Adviser: Maureen Taylor

- Robert Rittman COMMUNICATION, INFORMATION AND LIBRARY STUDIES Automatic Discrimination of Genres: The Role of Adjectives and Adverbs as Suggested by Linguistics and Psychology Adviser<sup>®</sup> Paul B Kantor
- Travis Lee Russ\* COMMUNICATION, INFORMATION AND LIBRARY STUDIES Learning to Change: A Case Study of Using Experiential Learning to Bring about Planned Organizational Change Adviser: Lea P. Stewart

Morit Shavelsky\* Communication, Information and Library Studies E-Motional Labor: The Expression of Emotions in Mediated Service Organizations Adviser: Ronald E. Rice

Saman Talib Communication, Information and Library Studies Mission Matters: The Role of Organizational Mission Objectives in Media Selection and Implementation by NGOs Worldwide Adviser: Montague Kern

William Voon<sup>†</sup> Communication, Information and Library Studies Knowledge Management Repositories: Supporting Knowledge Work and Activity in Organizations Adviser: Claire R. McInerney

- Xiaojun Yuan COMMUNICATION, INFORMATION AND LIBRARY STUDIES Supporting Multiple Information-Seeking Strategies in a Single System Framework Adviser: Nicholas J. Belkin
- Ying Zhang COMMUNICATION, INFORMATION AND LIBRARY STUDIES Developing a Holistic Framework for Digital Library Evaluation Adviser: Tefko Saracevic

### EDWARD J. BLOUSTEIN SCHOOL OF PLANNING AND PUBLIC POLICY

Debra Brucker PLANNING AND PUBLIC POLICY Substance Abuse, Disability, and Public Disability Benefits Adviser: Radha Jagannathan

Justin B. Hollander<sup>†</sup> PLANNING AND PUBLIC POLICY Unwanted, Polluted, and Dangerous: America's Worst Abandoned Properties and What Can Be Done about Them Adviser: Michael R. Greenberg Jeremy Nemeth PLANNING AND PUBLIC POLICY Security and the Production of Privately Owned Public Space Adviser: Robert Lake

Monica Taylor-Jones PLANNING AND PUBLIC POLICY Breast Cancer Mortality: A Social Justice Perspective Adviser: Joel Cantor

# Graduate School-New Brunswick and the University of Medicine and Dentistry of New Jersey

### DOCTOR OF PHILOSOPHY (JOINT DEGREE)

Candidates for the degree of Doctor of Philosophy awarded jointly by the Graduate School–New Brunswick and the University of Medicine and Dentistry of New Jersey are presented in alphabetical order according to the school in which their graduate degree program resides.

#### SCHOOL OF ARTS AND SCIENCES

Julio Barrera-Oro Microbiology and Molecular Genetics	and
The Differential Effects of MSH3 and MSH6 Deficiencies on	Adv
Spontaneous and Induced in Vivo Mutation	Patricia
Adviser: Jay A. Tischfield	Ant
Joseph Bauman† BIOCHEMISTRY	Adv
Protein Engineering for Crystallization by Random and	<b>Thoma</b>
Rational Mutagenesis	<i>The</i>
Adviser: Eddy Arnold	<i>De</i> v
Adrienne T. Black TOXICOLOGY	Adv
Responses of Murine Keratinocytes to Oxidative Stress	Lisa M
Adviser: Jeffrey D. Laskin	<i>Tox</i>
Indrani Chatterjee† CELL AND DEVELOPMENTAL BIOLOGY	Ma
Analysis of Fertilization Molecules during C. elegans Sperm-Egg	Dar
Interactions	Adv
Adviser: Andrew W. Singson	<b>Rebecc</b>
Michelle Cheh NEUROSCIENCE	Ana
Establishment of an Animal Model for Autism Spectrum	Reg
Disorder Using Engrailed-2 Knockout Mice	Imi
Adviser: George C. Wagner	Adv
Chih-Hsiung Chen CELL AND DEVELOPMENTAL BIOLOGY Functional Analysis of RAB-10 Protein and Its Binding Partners during Endocytosis in the Caenorhabditis elegans Intestine Adviser: Barth D. Grant	Fei Gua The snR Adv
Jianmin Chen† MICROBIOLOGY AND MOLECULAR GENETICS 2,8-Dihydroxyadenine Crystal Injury Induces Unique Gene Expression Alterations in Developing Kidneys Adviser: Jay A. Tischfield	Mariso Enc Evi mel Adv
Li C. Chen <sup>†</sup> Toxicology Mechanisms Regulating Hepatic Macrophage and Endothelial Cell Responses during Acute Endotoxemia: Role of Toll-like Receptor 4 Adviser: Debra L. Laskin	Chunsl Enl Adv Christia Ost Mo Adv

Maxine Chen\* CELL AND DEVELOPMENTAL BIOLOGY Regulation of Cypin through Snapin, a Protein Binding Partner, and Extrinsic Signaling Factors Adviser: Bonnie L. Firestein

- Patricia Christensen Wood\* MICROBIOLOGY AND MOLECULAR GENETICS Antibiotics in the Environment Adviser: Stanley E. Katz
- Thomas M. Coyne\* TOXICOLOGY The Plasticity of Marrow Stromal Cells Transplanted to the Developing and Adult Brain Advisers: Ira B. Black and Emanuel DiCicco-Bloom

Lisa Marie Domico† TOXICOLOGY Toxicity of the Ethylene-Bis-Dithiocarbamate Fungicide Mancozeb in CNS Neurons: A Mechanistic Study of Cell Damage Advisers: Keith R. Cooper and Gail D. Zeevalk

Rebecca L. Dryer-Minnerly\* MICROBIOLOGY AND MOLECULAR GENETICS Analysis of Cis- and Trans-Acting Factors That Differentially Regulate Two Highly Homologous Promoters in the Immunoglobulin Locus Adviser: Lori R. Covey

ei Guan<sup>†</sup> BIOCHEMISTRY The Regulation of Polyadenylation by U1A Protein and U1 snRNP Adviser: Samuel I. Gunderson

Marisol Gutierrez Toxicology

Endocrine Disruption of Sublethal Atrazine in Amphibians: Evidence from the Field (Rana catesbeiana and clamitans melanota) and Laboratory (Xenopus laevis) Adviser: Mark G. Robson

- Chunsheng He MICROBIOLOGY AND MOLECULAR GENETICS Enhanced Linkage Maps from Family-Based Studies Adviser: Tara Cox Matise
- Christian Kazanecki MICROBIOLOGY AND MOLECULAR GENETICS Osteopontin and Cell Adhesion: Role of Post-Translational Modifications and the C-Terminal Region Adviser: David T. Denhardt

Gang Lu TOXICOLOGY Inhibition of 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanone (NNK)-Induced Lung Tumorigenesis in A/J Mice by Green Tea Polyphenols and Their Combination with Atorvastatin Adviser: Chung S. Yang

Kenyatta G. Lucas<sup>†</sup> NEUROSCIENCE Regulation of Protein Trafficking and Dendrite Branching by Postsynaptic Proteins Adviser: Bonnie L. Firestein

**Robert John Major**\* CELL AND DEVELOPMENTAL BIOLOGY The Role of Actin and Myosin during Dorsal-Ventral Compartmentalization in the Drosophila Wing Adviser: Kenneth D. Irvine

Sonam Mehrotra<sup>†</sup> CELL AND DEVELOPMENTAL BIOLOGY An Analysis of Meiotic Double-Strand Break Formation and Repair in Drosophila melanogaster Adviser: Kim S. McKim

Jin Namkoong MICROBIOLOGY AND MOLECULAR GENETICS Metabotropic Glutamate Receptor 1 and Glutamate Signaling in Human Melanoma Adviser: Suzie Chen

**Truyen Nguyen\*** TOXICOLOGY Oxidative Stress and Induction of Phase II Drug-Metabolizing Enzymes Mediated by the Antioxidant Response Element Adviser: Chung S. Yang

Guoliang Qing\* MICROBIOLOGY AND MOLECULAR GENETICS Mechanistic Insights into Processing of NF-κB2 p100 Adviser: Gutian Xiao

Frank Ritacco MICROBIOLOGY AND MOLECULAR GENETICS The Phaeochromycins from Streptomyces Strain LL-P018: From Taxonomy to Novelties of Biosynthesis Adviser: Douglas E. Eveleigh

Dragana Rogulja\* CELL AND DEVELOPMENTAL BIOLOGY Regulation of Tissue Growth by a Morphogen Gradient: How DPP Scales the Drosophila Wing Adviser: Kenneth D. Irvine

Henry Clinton Schaefer\* CELL AND DEVELOPMENTAL BIOLOGY KEL-8 Is an E3 Ubiquitin Ligase Substrate Receptor Required for GLR-1 Regulation in Caenorhabditis elegans Adviser: Christopher Rongo

#### Guannan Wang BIOCHEMISTRY Regulation of Smad3 Transcription Activity by Its Linker Region Adviser: Fang Liu

Sheng Wang NEUROSCIENCE The Role of the Exocyst in Neurite Outgrowth Adviser: Shuchan Hsu

Xin Yue TOXICOLOGY Signaling Pathways That Mediate Ephrin-Induced Growth Cone Collapse in Hippocampal Neurons Adviser: Renping Zhou

#### **SCHOOL OF ENGINEERING**

Ruksana Azhu Valappil\* BIOMEDICAL ENGINEERING Cognitive Study of Parkinson's Disease: A Multi-Modal Approach Adviser: Evangelia Micheli-Tzanakou Hailing Hao BIOMEDICAL ENGINEERING Identification of the Effects of Myelination on Axonal Kinematics Adviser: David Shreiber

Nam-Hun Kim BIOMEDICAL ENGINEERING Quantification and Analysis of Hand Grasp Dynamics and Arm Reaching Kinematics Following Hemiparesis Using a Novel Assistive Robotics Approach Adviser: William Craelius

Timothy J. Maguire II<sup>+</sup> BIOMEDICAL ENGINEERING Microencapsulation of Embryonic Stem Cells for the Generation of Hepatocytes Adviser: Martin L. Yarmush

Jason Maikos BIOMEDICAL ENGINEERING In Vivo Tissue-Level Thresholds for Spinal Cord Injury Adviser: David Shreiber

Eric Novik BIOMEDICAL ENGINEERING Differentiation of Embryonic Stem Cells along a Liver Lineage Advisers: Martin L. Yarmush and Rene Schloss

Ann Marie Badia Simon\* BIOMEDICAL ENGINEERING The Role of Cyclo-Oxygenase-2 during Fracture Healing Adviser: J. Patrick O'Connor

Minjung Song BIOMEDICAL ENGINEERING Microfabrication Techniques and Biomaterials for Improved Peripheral Nerve Regeneration Adviser: Kathryn E. Uhrich

Hongjun Zhang\* BIOMEDICAL ENGINEERING A Novel Frequency Domain Arterial Tree Model: Distributed Wave Reflections and Potential Clinical Applications Adviser: John K-J. Li

Jian Zheng\* BIOMEDICAL ENGINEERING An Accurate and Efficient Target Localization Method for Stereotactic Neurosurgery of Parkinson's Disease Adviser: Evangelia Micheli-Tzanakou

#### SCHOOL OF ENVIRONMENTAL AND BIOLOGICAL SCIENCES

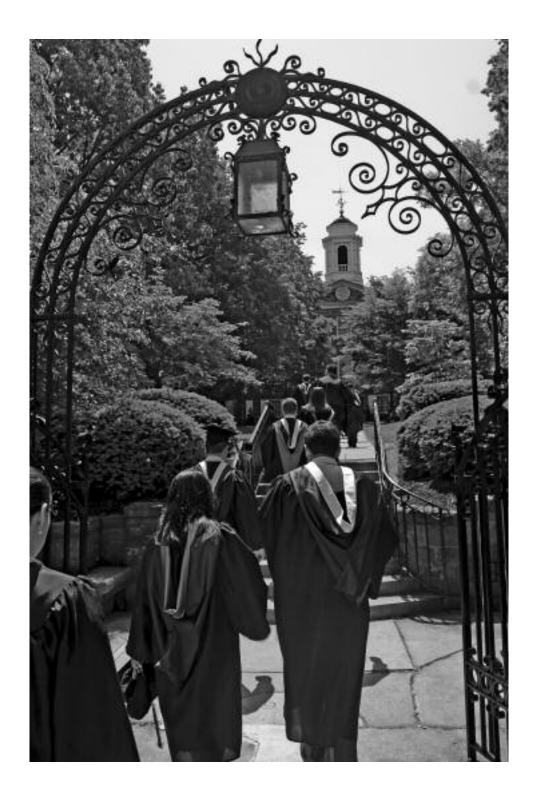
Yu-Ching Yang\* ENVIRONMENTAL SCIENCES Stochastic Population and Bayesian Toxicokinetic Modeling for Improving Exposure and Dose Assessment Adviser: Panos G. Georgopoulos

Kunning Zhu\* ENVIRONMENTAL SCIENCES Evaluation and Comparison of Continuous PM<sub>2.5</sub> Monitors for Measurement of Ambient Aerosol, Fresh Diesel Aerosol, and Fresh Secondary Organic Aerosol Adviser: Paul J. Lioy

#### EDWARD J. BLOUSTEIN SCHOOL OF PLANNING AND PUBLIC POLICY

Gerald Alan Harris\* PUBLIC HEALTH Race, Self-Assessed Health, and the Healthy Worker Effect in a Cohort of Older Men Adviser: Daniel Wartenberg

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## Graduate School-Newark

#### DOCTOR OF PHILOSOPHY

Lizzie Washington Arnold\* MANAGEMENT A Qualitative Comparative Study of the Jenkins Committee Recommendations, Sox, and the Enhanced Business Reporting Consortium (EBRC) Proposed Framework in Relation to Corporate Malfeasance Adviser: Ephraim F. Sudit Silke Atmaca Psychology I Know What You Will Do! Action and Task Co-representation in Social Context Adviser: Guenther Knoblich Helena Christiana Barnard<sup>†</sup> MANAGEMENT Investment from Less to More Developed Countries as a Mechanism for Capability Upgrading in Developing Country Firms Adviser: John A. Cantwell Ahmet Tarik Baykal<sup>†</sup> CHEMISTRY Spectroscopic Studies and Synthetic Applications of Thiamin Diphosphate Dependent Enzymes Adviser: Frank Jordan Delroy Samuel Beckford GLOBAL AFFAIRS The WTO Appellate Body's Interpretation of Trade Remedy Agreements: Exploring the Relationship between Power Symmetries and Judicial Activism Adviser: Anna Gelpern Liuba Y. Belkin MANAGEMENT Emotional Contagion in the Electronic Settings Adviser: Terri Kurtzberg Edmund Jerome Bishop\* CHEMISTRY Approaches to Novel Analytical Extraction and Concentration Using Hollow Fiber Membranes Adviser: Somenath Mitra Cenap Cakmak GLOBAL AFFAIRS Globalization of Justice and Complexity in Global Governance: The Role of the NGO Coalition as an Actor of World Politics on the Establishment of the International Criminal Court Adviser: Kurt Schock Sumit Chakraborty CHEMISTRY Spectroscopic Detection and Kinetic Characterization of Thiamin-Bound Intermediates on Enzymes Adviser: Frank Jordan Yi-Yu Chen MANAGEMENT Effects of Technology Cycles on Strategic Alliances Adviser: George F. Farris Xiaolin Cheng\* MANAGEMENT Asset Pricing of Credit Risk Adviser: Ren-Raw Chen David Gregory DeBoskey\* MANAGEMENT Corporate Transparency: Key Factors and Their Impact on U.S. Firms Adviser: Peter R. Gillett Diana Del Console Psychology Use of Motion in Distinguishing Animate and Inanimate Entities Adviser: Gretchen A. Van de Walle

Danielle D. Dunne MANAGEMENT Inside-Out or Outside-In: Learning and Collaboration in the New Product Development Process in the Bio-Pharmaceuticals Industry Adviser: Deborah Dougherty Anne E. Egelston GLOBAL AFFAIRS Sustainable Development: The History of a Regime Adviser: Gabriela Kütting Cory Ann Finlay Psychology Scene Recognition: Testing the Automatic Spatial Updating **Hypothesis** Adviser: Maria Kozhevnikov Cassandra Dawn Fourshat Psychology Syntactic Acquisition and the Development of Bilingual Processing Advisers: Gretchen A. Van de Walle and Jennifer B. Austin Dihua Guo\* MANAGEMENT Semantic-Based High-Resolution Remote Sensing Image Retrieval Advisers: Nabil Adam and Vijayalakshmi Atluri Constance Regina Hassett-Walker† CRIMINAL JUSTICE Delinquency and the Black Middle Class Adviser: Edem Avakame Elizabeth Esther Hur NEUROSCIENCE Glutamate Input-Output Circuitry of the Rat Basal Forebrain Adviser: Laszlo Zaborszky Vandana Janeja MANAGEMENT Anomaly Detection in Heterogeneous Datasets Adviser: Vijayalakshmi Atluri Younhee Kim Public Administration A Model of Public Entrepreneurship: An Empirical Analysis of Public Entrepreneurship on Performance Adviser: Marc Holzer Kathryn A. Kloby Public Administration Lost in Translation: Stakeholder Views of Accountability Adviser: Dorothy Olshfski Cheryl Ann Krause-Parello NURSING Relationships among Loneliness, Human Social Support, Pet Attachment Support, and Subjective Well-Being in Older Adults Adviser: Linda Flynn Muriel E. Kroplinski GLOBAL AFFAIRS The International Criminal Court and the Balkan Crisis: The Capture and Indictment of Slobodan Milosevic Adviser: Yale Ferguson Lara Helena Kuhn<sup>†</sup> CRIMINAL JUSTICE A Critical Assessment of the Social Control Perspective, Recovering Its Foundations, and Revitalizing Its Future Adviser: Clayton Hartjen Ulrich Lackner Psychology Experienced Agency: Sensory-Motor and Cognitive Contributions Adviser: Guenther Knoblich

Kala Lakshminarayanan NEUROSCIENCE Psychoacoustical Investigation of the Effect of Age and Auditory Training on Speech Perception in Humans Adviser: Paula Tallal Jennifer Leigh Lanterman CRIMINAL JUSTICE Armed Aggravated Assaults on Officers of the Newark Police Department: An Exploratory Analysis Adviser: George Kelling Christian Robert Lee NEUROSCIENCE The Mechanisms and Substitutes of GABAersic Signaling in the Substantia Nigra Adviser: James M. Tepper Huiping Li\* MANAGEMENT The Accumulation of Technological Capability within International Joint Ventures in China Adviser: Farok Contractor Xiaowei Liu† MANAGEMENT An Empirical Study on Evidence and Sources of International Momentum Adviser: Yangru Wu Vidur Malik MATHEMATICAL SCIENCES Curves Generated on Surfaces by the Gilman-Maskit Algorithm Adviser: Jane Gilman Nasser M. Mansoor† Environmental Science High-Resolution Geophysical Imaging of Shallow-Water Contaminated Wetlands: A Novel Application to Kearny Freshwater Marsh, New Jersey Meadowlands Adviser: Lee D. Slater Satenik Margaryan CRIMINAL JUSTICE A Society in Transition: An Institutional Analysis of Penal Reform in Armenia Adviser: James O. Finckenauer Megan Maura McNally CRIMINAL JUSTICE Identity Theft: Narrating the Story behind America's New Identity Crisis Adviser: Ronald Clarke Deborah Mohammed-Spigner Public Administration Connecticut Freedom of Information Commission: Is It Functioning to Meet Citizens' Access? Adviser: Lisa Hull Mojgan Mohtashami\* MANAGEMENT The Antecedents and Impacts of Information Processing Effectiveness in Inter-Organizational Collaborative Software Development Advisers: Fadi P. Deek and Ii Im Rita M. Musanti NURSING An Experimental Study of Exercise and Physical Self-Esteem in Breast Cancer Survivors Adviser: Elise Lev Tendai D. Ndoro Public Administration Strategy and Organizational Sustainability in Intermediary Nonprofit Organizations: Understanding the Revenue Diversification Strategic Actions of Managerial Leadership in the Small Business Development Centers (SBDCs) Adviser: Kyle Farmbry Melanie-Angela Neuilly CRIMINAL JUSTICE Do Dead People Speak Different Languages? A Comparative Approach to the Social Construction of Violent Death in France and in the United States Adviser: Michael Maxfield

Chimezie Nwabueze Ozurumba† Public Administration Gambling Taxes and State Budgets: Does Taxing Corporate Casinos Improve the Quality of Fiscal Systems? Adviser: Gerald J. Miller Cynthia Vizconde Pagba† CHEMISTRY Photoinduced Electron Transfer from Supramolecular Assemblies into Semiconductor Nanaparticles and Zinc-Subsituted Cytochromes Adviser: Piotr Piotrowiak Aabhas Vasant Paliwal MANAGEMENT Semantic-Based Discovery of Web Services and Orchestration of Web Service Process Adviser: Nabil Adam Lyubov M. Palyvoda\* Public Administration Roles of Ukrainian Charity Foundations in Delivering Public Services Adviser: Marc Holzer Dina M. Perrone CRIMINAL JUSTICE Culture, Clubbing, Consumption, Capital, and Control: Drug Use among the Club Kids Adviser: Mercer K. Sullivan Yan Qin\* CHEMISTRY Synthesis, Characterization, and Complexation of Well-Defined Organoboron Polymers with Different Architectures Adviser: Frieder Jäkle Lois Monica Redman-Simmons Public Administration Graduate Students' Attraction to Public Service Professions in Government Adviser: Marc Holzer Jennifer D. Reid Psychology The Effects of Ostracism and Psychosocial Resources on Performance Feedback Adviser: Kent Harber Renita L. Seabrook CRIMINAL JUSTICE The Effects of the Georgia Cognitive Skills Experiment for Pre-**Release Female Offenders** Adviser: Bonita Veysey Sunny Jiten Singh GLOBAL AFFAIRS Kautilyan Antecedents of the Westphalian Order Adviser: Yale Ferguson Anton M. Sirota\* NEUROSCIENCE Interaction between Neocortical and Hippocampal Networks Adviser: Gyorgy Buzsaki Kiersten Steffens Smith NEUROSCIENCE Characterization of Environmental and Stimulus-Directed Exploration in Preweanling and Adult Rats Adviser: Joan I. Morrell Louise L. Stanton GLOBAL AFFAIRS The Civil-Military Divide: Obstacles to the Integration of Intelligence in the United States Adviser: Norman Samuels Ronald Sverdlove MANAGEMENT Essays in the Economics of Fixed Income Securities Advisers: S. Abraham Ravid and Ren-Raw Chen Michael L. Wagers CRIMINAL JUSTICE Broken Windows Policing: The LAPD Experience Adviser: George L. Kelling Janice I. Warner MANAGEMENT Secure Resource Sharing in Dynamic, Ad-hoc Coalitions

Adviser: Vijayalakshmi Atluri

Jia Wu\* MANAGEMENT Continuous Tests of Details and Analytical Procedures in Continuous Auditing Adviser: Miklos A. Vasarhelyi

Yuxin Wu† ENVIRONMENTAL SCIENCE Low Frequency Electrical Properties of Zero Valent Iron: Implications for Performance Monitoring of Permeable Reactive Barriers (PRBs) Adviser: Lee D. Slater

Wei Xu† MANAGEMENT Value Relevance of Asset Write-Offs/Write-Downs and Effectiveness of FASB Pronouncements (SFAS #121, #144) Adviser: Bikki Jaggi

Wenxuan Yu PUBLIC ADMINISTRATION To Collaborate or Not to Collaborate: An Exploratory Model Explaining Public Administrators' Attitude toward Intersectoral Collaboration Adviser: Marc Holzer

### Mason Gross School of the Arts

#### DOCTOR OF MUSICAL ARTS

Soren Beech\* Doctor of Musical Arts in Cello Major Professor: Jonathan Spitz

Adam J. Berkowitz Doctor of Musical Arts in Clarinet Major Professor: Maureen Hurd

Christopher Brellochs Doctor of Musical Arts in Saxophone Major Professor: Paul Cohen

Karina Bruk† Doctor of Musical Arts in Piano Major Professor: Paul Hoffmann

Sarah M. Burke Doctor of Musical Arts in Percussion Major Professor: She-e Wu

Linda Marie Cowan\* Doctor of Musical Arts in Voice Major Professor: Judith Nicosia

Tamara Reps Freeman<sup>†</sup> Doctor of Musical Arts in Music Education Major Professor: Floyd Grave

Adonis Gonzalez Doctor of Musical Arts in Piano Major Professor: Susan Starr

Thomas S. Juneau Doctor of Musical Arts in Choral Conducting Major Professor: Patrick Gardner

Min Jae Kim Doctor of Musical Arts in Violin Major Professor: Arnold Steinhardt

Mei-ju Lin\* Doctor of Musical Arts in Viola Major Professor: Paul Neubauer

#### Guojin Zhang CHEMISTRY

Vibrational Microspectroscopy and Imaging of Skin: I. Endogenous Molecular Structure and Composition II. Permeation and Metabolism of Exogenous Agents Adviser: Richard Mendelsohn

#### Yanli Zhang MANAGEMENT

International Business Connections, Domestic Interfirm Networks, and Corporate Technology Development Paths of Japanese Firms Adviser: John A. Cantwell

#### Luvin Zhao MANAGEMENT

Exploratory Inspection: A User-Based Learning Model for Improving Open Source Software Usability Adviser: Fadi P. Deek

#### Bin Zhou MANAGEMENT

On Optimal Pricing and Ordering in Supply Chain Management Adviser: Michael N. Katehakis

Yu-Chen Lin Doctor of Musical Arts in Violin Major Professor: Arnold Steinhardt **Tze-Fang Liu\*** Doctor of Musical Arts in Violin Major Professor: Arnold Steinhardt **Chalon Aaron Ragsdale** Doctor of Musical Arts in Percussion Major Professor: She-e Wu Ryan A. Rice Doctor of Musical Arts in Flute Major Professor: Bart Feller Pamela M. Riley Doctor of Musical Arts in Flute Major Professor: Bart Feller Kevin Lee Romanski\* Doctor of Music Arts in Percussion Major Professor: She-e Wu Lynda A. Saponara Doctor of Musical Arts in Collaborative Piano Major Professor: Barbara Gonzalez-Palmer Kuan-Juei Su Doctor of Musical Arts in Piano Major Professor: Susan Starr Shin-Chun Wu Doctor of Musical Arts in Piano Major Professor: Susan Starr Hsi Yu Doctor of Musical Arts in Piano Major Professor: Paul Hoffmann **Donna Zapola-Connolly\*** Doctor of Musical Arts in Voice Major Professor: Judith Nicosia

### Graduate School of Education

#### DOCTOR OF EDUCATION

#### Yusuf M. Abdi MATHEMATICS

- Analysis of Teachers' Discourse Moves in an Open-Ended Problem-Solving Environment Adviser: Keith H. Weber
- Karen Lombardy Amundsen\* ELEMENTARY AND EARLY CHILDHOOD Examining Kindergartners' Play with Manipulatives for Instances of Possible Mathematics Instruction Adviser: Sharon Ryan

Margaret A. Boudreau Special Education Integrating Special Education Content into the Elementary

- *Education Pre-Service General Education Curriculum* Adviser: Dorothy S. Strickland
- Michael Corbett Administration and Supervision

To Participate or Not to Participate: The Relationship between School-Sponsored Activity Participation and Student Outcomes Adviser: James R. Bliss

#### Mary Elizabeth DeHart† MATHEMATICS

Why Do So Many Recent High School Graduates Need Remediation before Beginning College-Level Mathematics? Adviser: Warren D. Crown

#### Gale Ferraro\* SPECIAL EDUCATION

Learning to Implement Strategy Instruction: Teacher Perceptions of a Professional Development Model Adviser: Douglas A. Penfield

#### Robert Goodman\* SCIENCE

A New High School Science Program and Its Effect on Student Achievement in Mathematics and Science Adviser: Eugenia Etkina

#### Evelyn Hanna MATHEMATICS

Teachers' Discourse Community: What It Reveals about Knowledge of Teaching Mathematics Adviser: Arthur Powell

#### Darrell A. Jackson Administration and Supervision

The Study of a Behavioral Intervention to Close the Black-White Achievement Gap among Middle School Students Adviser: James R. Bliss N. Scott Jacobs Social and Philosophical Foundations *The Holmes Group and the Education of American Teachers* Adviser: Daniel Tanner

Joanna R. Lynch<sup>†</sup> SOCIAL AND PHILOSOPHICAL FOUNDATIONS Teacher Motivations for the Integration of Service Learning in High Schools and Their Effects on Design and Practice Adviser: James M. Giarelli

Elmira Mayansky<sup>†</sup> MATHEMATICS An Analysis of the Pedagogy of Robert B. Davis: Young Children Working on the Tower of Hanoi Problem Adviser: Carolyn A. Maher

#### Mary Frances Mueller MATHEMATICS

A Study of the Development of Reasoning in Sixth Grade Students

Adviser: Carolyn A. Maher

David Alan Paulk\* SOCIAL AND PHILOSOPHICAL FOUNDATIONS Do Graduates of a Parenting Program for Child Abusers Use the Skills and Knowledge They Have Obtained to Solve Problems Associated with Child Abuse? If So, How Do They Use These Skills and Knowledge? Adviser: Harold Beder

#### David Robert Rosengrant SCIENCE

Multiple Representations and Free-Body Diagrams: Do Students Benefit from Using Them? Adviser: Eugenia Etkina

- Randall Odrick Westbrook<sup>†</sup> Social AND Philosophical Foundations "And Thus to Raise My Race": The Early Writings of W.E.B. DuBois (1886–1903) as Educational Philosophy Adviser: James M. Giarelli
- Shane Yvette Williamson<sup>†</sup> SOCIAL AND PHILOSOPHICAL FOUNDATIONS Academic, Institutional, and Family Factors Affecting the Persistence of Black Male STEM Majors Adviser: Sharon Ryan

# Graduate School of Applied and Professional Psychology

#### DOCTOR OF PSYCHOLOGY

**Oren Blass\*** CLINICAL PSYCHOLOGY Cynthia V. Haines CLINICAL PSYCHOLOGY Respect for Clients in Therapeutic Relationships: An Evaluation of the Proximal Outcomes of a School-Based A Phenomenological Study Suicide Awareness Program: Changes in Knowledge, Attitudes, Advisers: Nancy McWilliams and Lewis Gantwerk and Responses to Analog Scenarios Advisers: John Kalafat and Brian Chu Jaime Bratspies<sup>†</sup> SCHOOL PSYCHOLOGY Needs Assessment and Development of a Guide Educating Lisa G. Henry\* Organizational Psychology Students with Autism Spectrum Disorders in Included An Embedded Intergroup Relations Approach to Understanding the Effects of Race on Salary Expectations of Classrooms: A Practical Training Guide for Elementary School Teachers Black Undergraduates Advisers: Kenneth C. Schneider and Sandra L. Harris Advisers: Clayton P. Alderfer and Nancy Boyd-Franklin Michael B. Brooke\* CLINICAL PSYCHOLOGY Debra Lynn Johnson\* School Psychology Service Marketing for a Psychotherapy Practice: A Client and Alphacare: A Family-Based Training Program for Foster Employee Retention Approach Parents Living with and Caring for Sexually Abused Children Advisers: John Kalafat, Lewis Gantwerk, and Donald Morgan Advisers: David M. Brodzinsky and Robin Lang Brenton J. Burke Organizational Psychology Kristen Marie Jones School Psychology Working for the Family: A Study of the Family and Nonfamily An Examination of Stress and Coping among Youth and High Manager Subgroups in Family Business Management Teams School Sport Coaches Advisers: Clayton P. Alderfer and Michele R. Ballet Advisers: Charles A. Maher and Kenneth C. Schneider Jamilla T. Butler School Psychology Monica Marianne Knopf Organizational Psychology A Program Evaluation of an Early Intervention Program in Exploring the Culture of a Virtual Community: A Study of an an Urban School **Online Cancer Support Group** Advisers: Charles A. Maher and Nancy Boyd-Franklin Advisers: Lewis Gantwerk and Cary Cherniss Po Yee Chiu Organizational Psychology Rebecca Jeanne Lamberth School Psychology Sport Psychology in the Schools: The Process of Designing and A Model of Indecisiveness: The Impact of Psychological, Demographic, Decision-Specific, and Situational Factors on Implementing Scholastic Sport Psychology Programs at the Indecisiveness Secondary Level Advisers: Nancy Fagley and Cary Cherniss Advisers: Charles A. Maher and Lewis Gantwerk Nancy C. Coba CLINICAL PSYCHOLOGY David A. Lane\* CLINICAL PSYCHOLOGY Pragmatic Case Studies Integrating Short-Term Psychodynamic The Latina Values Scale: Translation and Cultural Adaptation Therapy and Mindfulness Interventions Advisers: Peter J. Guarnaccia and Nancy Boyd-Franklin Advisers: Daniel B. Fishman, Stanley B. Messer, and Donald Morgan Jonathan D. Cordell<sup>†</sup> Organizational Psychology Toward an Understanding of Mental and Emotional Skills Suzanne Elizabeth Lee School Psychology Needs of Marathon Runners The Racial Socialization of African-American Children: Advisers: Charles A. Maher and Kenneth C. Schneider An Examination of the Racial and Educational Socialization Practices of Married African-American Parents and Their Rosemarie Helen Daly School Psychology Impact on the Racial and Academic Development of An Investigation of the Relationship between Measures of Their Children Social Bonding, School Climate, and School Experiences and Advisers: Shalonda Kelly and Kenneth C. Schneider Student Performance in an Alternative Secondary School for **Classified Students** Gianna M. Locascio School Psychology Advisers: John Kalafat and Maurice Elias Childhood Psychopathology: Relations to Neuropsychology, Neuroanatomy, and Family History Melissa J. Gartenberg CLINICAL PSYCHOLOGY Advisers: Marsha E. Bates, Kenneth C. Schneider, and Jennifer F. A Study of the Role of Psychologists Practicing in Buckman Long-Term Care Advisers: Daniel B. Fishman and Lee Hyer Renee Anne Lomangino<sup>†</sup> Organizational Psychology The Influence of Parallel Processes on Training Design Hannah Sterns Gordon<sup>†</sup> Organizational Psychology Advisers: Lewis Gantwerk and Ruth Orenstein Men's and Women's Perceptions of the Climate for Creativity in Erick Alexei Medina\* CLINICAL PSYCHOLOGY Male-Dominated and Female-Dominated Work Environments Play and Truth: Hermeneutics and Psychoanalysis in Dialogue Advisers: Cary Cherniss and Ruth Orenstein Advisers: Karen Riggs Skean, Donald P. Spence, and Louis A. Sass Lauren Marlena Gross<sup>†</sup> School Psychology Needs Assessment and Development of a Manual for Jennifer E. Melerski\* CLINICAL PSYCHOLOGY Psychologists and Psychologists in Training on Gang Trauma, Coping, and Functioning in a Sample of Rescue Awareness, Prevention, and Other Psychological Issues Workers 34 to 39 Months after September 11th Concerning Gang Involvement Advisers: John Kalafat and Michael Petronko Advisers: Kenneth C. Schneider and Nancy Boyd-Franklin Sara Murray CLINICAL PSYCHOLOGY The Relationship of the Significant Other to the Therapeutic Change Process

Advisers: Nancy McWilliam and Lewis Gantwerk

<sup>†</sup> January 2007 Graduate

Deirdre O'Malley SCHOOL PSYCHOLOGY Needs Assessment and Development of a Manual for Child Study Team Members on How to Identify, Assess, and Treat Children with Traumatic Brain Injury Advisers: Kenneth C. Schneider and Lucinda Seares-Monica

Richelle Marie Reyes† ORGANIZATIONAL PSYCHOLOGY Breaking through the Glass Ceiling: An Exploratory Study of Filipino-American Senior Executive Experience Advisers: Ruth Orenstein and Daniel B. Fishman

Amanda Esther Rose ORGANIZATIONAL PSYCHOLOGY An Exploratory Study of High Achieving Women's Definition of Success Advisers: Cary Cherniss and Lewis Gantwerk

Stephanie L. Rubain CLINICAL PSYCHOLOGY The Development of a Home-Based Family Intervention Manual Advisers: Nancy Boyd-Franklin and Brenna H. Bry

Melissa L. Scherzer SCHOOL PSYCHOLOGY An Evaluability Assessment of a Preschool Program in a Public School for Children on the Autistic Spectrum Advisers: Kenneth C. Schneider and Karen Haboush

Susan Schnur<sup>†</sup> CLINICAL PSYCHOLOGY Fraternity Hazing: A Multi-Perspective Analysis of a Universal Phenomenon Advisers: Nancy McWilliams and Seth Warren

Sarika Seth\* CLINICAL PSYCHOLOGY Walking the Tightrope: A Phenomenological Exploration of Second-Generation Asian Indian Male Experience Advisers: Nancy McWilliams and Anita McLean Janear Sewell ORGANZIATIONAL PSYCHOLOGY Mentors Black and White: Examining the Developmental Relationships of African-American Professional Women Protégés Advisers: Clayton P. Alderfer and Flora Taylor

Joshua Ari Slater CLINICAL PSYCHOLOGY New Jersey Psychologists' Knowledge of and Attitudes towards Involuntary Commitment of Sex Offenders Advisers: Lewis Gantwerk and Monica Indart

Yasemin Sohtorik\* CLINICAL PSYCHOLOGY Assessing the Needs for Mental Health Services among Turkish Immigrants in the United States Advisers: Nancy McWilliams, Monica J. Indart, and Lewis Gantwerk

Julie Elizabeth Surbaugh CLINICAL PSYCHOLOGY What Is the Experience Really Like? A Qualitative Research Study on Egg Donor Recipiency Following Age-Related Infertility Advisers: Lewis Gantwerk and Karen Riggs Skean

Elizabeth A. Wade CLINICAL PSYCHOLOGY Without Even Noticing, You Become What You See: An Exploration of the Adjustment and Acculturation Experiences of Latino Immigrant Teens Advisers: Peter J. Guarnaccia and Kenneth C. Schneider

Maria Elena Xiques\* CLINICAL PSYCHOLOGY Application of the Program Planning and Evaluation Framework to the Design of a Training Program for Direct Care Staff Serving Medically III Adults with Mental Retardation Advisers: Charles A. Maher and Michael Petronko

David Aaron Yusko\* CLINICAL PSYCHOLOGY Collegiate Athletes and Substance Use: Developing a Prevention Program

Advisers: Robert J. Pandina and Helene R. White

## School of Law-Newark

JURIS DOCTOR

Juan D. Abreu Richard Evan Alexander Mark Hamilton Anania Andrea Lia Andrade Dmitrii Andreev† Azubike Nnamdi Anyaoku William John Ayala\* Kwangyol Bak Jaspreet Kaur Bansal Magdalena Barbosa Jamal Seth Barnes Jannina Rachel Barros Jav L. Bass Gary Neal Baumwoll Emily K. Berger Nathan Emil Betancourt Stephen Joseph Boracchia Jessica A. Bosch Corey Lee Bosely Tricia Ann Bozyk Wendy Elsa Bozzolasco Nathaniel Leon Bradburd **Raymond Aaron Brandes Randall Philip Brett Kevin Scott Brotspies** 

David Brown Gregg M. Brown Kegan A. Brown Eric Ian Bueide Robert Daniel Burak Mary Katherine Burke Kenneth Michael Cabot Ericke Shermont Cage Erin Marie Calpin Allison J. Cambria Nancy Papp Campi Danielle Christina Carmona Jeanne Carno-Rosenberg<sup>†</sup> Glenn Justin Christofides Jeff Chuang Thomas Raymond Churchelow Christopher Bernard Ciotoli Gregory John Cobucci Joseph Edward Collins III Melinda Colón Adam Hamilton Cook Stacey Nicole Corbin James F. Corcoran Carmen I. Corral Sylvia S. Costantino

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Carnell T. Johnson<sup>†</sup> Matthew Johnson Tamika Aletheia Johnson Erin D. Jones Ginny Ju Jordan Michael Kaplan<sup>†</sup> Monica Kaul† Elyssa Kay Terri L. Keller Christopher Michael Kelly Eric Craige Keuling Eric Hyun Kim Eun Kyoung Kim Donald Klimoski II Alexander Koganov Matthew Fernandez Konigsberg Jeffrey Allen Nuxoll Kopczynski Scott J. Koplik Tyrone James Krause Elizabeth Pari-Sima Kunkel\* Christopher Chungheon Kwak Reynold Lambert Nancy J. Landmesser Kristin Ann LaRosa Kim Ackee Laurito Victoria Lautman Janet Jakyung Lee Frank James LeFebvre Bonnie Ann Leibowitz-Carchi Jeff Leung Barry Robert Lewin Jessica Leigh Lewis Grace Hsin-ju Lin Leonard P. Linardakis† Luther Gerome Louis-Jeune Kenneth F. Lovell Jr. Joseph Michael Lupo Maria Lurye Thomas William Madden

Rustin E. Maitland Fahd Khalid Majiduddin Ava Majlesi Victoria Nara Manoushagian Shermona Sueann Mapp Jason Peter McCann Judith Adair McDaniel Kerri Ann McDowell James Anthony McGhee John Paul McGhee<sup>†</sup> Michael S. McGillion Eric Albert Meade Michelle Carrie Mechanic Gerardo Elias Mejia† David James Mello Viva Leigh Miller<sup>+</sup> Paul David Mitchell Adrien Al-Malik Moncur Vincent John Montalto Inshirah A. Muhammad Zarinah Anjail Muhammad Sharon Elizabeth Murphy† Jon Patrick Narvaez Erica L. Nelson Thomas Martin Nelson Robert Nisonger Julie Tuyen Nuyen\* Teowa Ramona Oatis† Hyun S. Oh Adebukola Adedolapo Osuntogun Enitan Omotayo Otunla Jeffrey Connell Page Phillip Paone Louis Paonessa Ketan Pastakia Chirag N. Patel Jesselyn Clair Samson Pe Rosalie JoAnn Perrone Michael G. Pesochinsky<sup>†</sup> Walter Henry Pietrowski

**Richard Pinal** Howard E. Pine Andrew Marc Poller Lyle Thomas Preslar Catherine Anna Pushchak Joseph Vincent Quattrocchi Jr. Przemyslaw E. Raj Victor Elvis Ramos Barbara Anne Res Yolanda Rios Ursula Pamela Rivas Dominick R. Robinson Anthony Joseph Roselle Alice Forman Rosenthal Noah Michael Roth Melissa Lynn Rothenberg Nidara Y. Rourk Linda A. Rushnak Raymond Sanchez Jr.† Jennifer Alice Sanfilippo Nadav Sapeika Manuel M. Sardo Rene Saucedo Laura Jean Scileppi Nexus Uzoma Sea Robert Joseph Seco Jamel Ken Semper Trina Sen Elba N. Serrano-Torres Monica Seth Seth Steve Shelton III Natalia Valerievna Shishkina Matthew J. Siclari Ari J. Silverman William James Simmons Thomas Benjamin Slocum Darlene Michele Smith\* Justin Marcus Smith Alexander Solo Candice Elizabeth Somerville<sup>†</sup> Antoine E. Soueid

James Anthony Squicciarini Harold Scott Steed Nicole Stefanelli David Layne Stevens Jesse Daniel Stovin Grace Elizabeth Strom<sup>†</sup> Michele Ann Stuart Dennis K. Szasz Joy Brittany Tolliver Eva Linda Torres Thomas Alan Triolo<sup>†</sup> Linh D. Truong Michael Adam Turk Garrett Maurice Turner Adanna Urunwa Ugwonali Robert C. Ulon David Valazzi Felice K. Vazquez Merisa Brod Vinick Elan Vorzman<sup>†</sup> Jonathan M. Waldauer Alexander David Walter† Victor V. Waters Diane J. Weeden Dana Lauren Wefer Robert Gordon Weinstein Ronald A. White Brittany Anne Wilcox Thomas E. Wilhelm Jason Drake Williams Precious LaTonia Williams† Dwaine Alexander Williamson Nana Wilson Andre Earl Woodson Wanli Wu Weiying Yang\* Sarah Yun Sook Yeang Loren Amy Youmans Valerie Kathryn Zammitti\* Jialin Zhong Dina Zloczower

### School of Law-Camden

#### JURIS DOCTOR

Cort Andrew Adelman Jonathan David Ash Ryan Christopher Atkinson<sup>†</sup> Brian D. Bailey† Megan Kathleen Bannigan Christine A. Barris Christopher J. Basner Christopher Alan Baxter Ivo J. Becica Jessica Lynn Becker Lynda Marie Beerschank Deanna Lynn Bell Brett Adam Berman<sup>†</sup> Michael L. Berman Aruna Blasczak Michael Zachary Bluestone Rafael Francisco Bonilla Lauren Staci Brantz

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Mark Dennis McNally Shauna Patricia McTeague Aneesh Ashish Mehta Vincent Michael Mekles Brian Michael Moss Melanie Annette Mundle Julie McVey Murphy Ryan Michael Murphy John Daniel Mycroft Sean Patrick Neafsey Jeffrey Charles Neu<sup>†</sup> Victoria Buckley Nicholson Matheu D. Nunn Joshua David Nussbaum Jocelvn Brooke O'Brien Robert Edward O'Brien III Esther Folake Omoloyin Carol A. Otvos Brian D. Pagano DooJin Paik Christopher E. Paluszewski Jai-Hong Park Katherine M. Parker Jesse Greg Pauker Justin Nicholas Pentz Jonathan Christopher Pentzien Mark Edward Pfahlert Michael Anthony Policastro<sup>†</sup> William J. Popovich<sup>†</sup> Lee Michael Porter Jennifer Lynn Purnell Jacqueline Marie Quick Kaushik Rath<sup>†</sup> Jonathan A. Riskin Dina I. Rogers Charles Douglas Rome Peter B. Rottkamp<sup>†</sup> Matthew Richard Rudolphi David Joseph Ruffenach\* Christopher Paul Ryan Domenic Bruno Sanginiti Jr. Michael Anthony Santanasto David Michael Schmid Kenneth John Schweiker Mark Alan Schweitzer Ammar Shamaileh

Stephanie Marie Shaya Scott Aaron Sheldon Edward Justin Sholinsky Frederick P. Sisto<sup>†</sup> Samantha L. Skabla<sup>†</sup> Amanda Diane Snyder Christopher Paul Soper Jason C. Spang Irene Stavrellis Charmian Elizabeth Stone<sup>†</sup> Matthew Thomas Stone Michael Anthony Suleta Cathlyn E. Sullivan Joseph Stanley Surman Jr. Karen Marie Sweeney Christopher Allen Tanner Brett E. Tanzman Shimon Taub Devon L. Taylor Devan Jean Theiler Christina Sara Thomas Sam Christopher Toma Christopher Neal Tomlin Daniel Trisdorfer Laura Anne Tull Brian J. Uzdavinis Jefferson Henry Julian Vandrew Jr. Matthew Vincent Villani Michael D. Vitlip Jessica Dale Wachstein Cory Christopher Walker Elyse H. Wallach Sarah Wang Brooke Jennifer Weese Rachel Weidler Justin N. Wiggins Rebecca Danielle Winklestein Christopher M. Wolk Eric David Wong Kimberly Man Yin Wong Nathaniel Anson Work Monica Gale Wright Andrew Gabriele Wynne<sup>†</sup> George S. Yacoubian Jr.† Jennifer Sumin Yoon Stephen G. Zabielski

### Ernest Mario School of Pharmacy

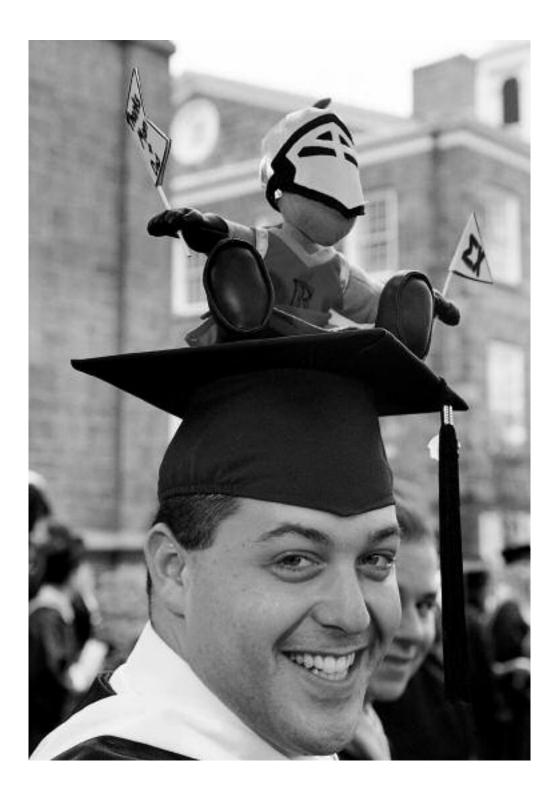
#### DOCTOR OF PHARMACY

Sini S. Abraham Sandra M. Aguero Hisham A. Ahmed Shereen Ahmed Aisha Akhtar Lisa M. Akinskas Monica Alaigh Dina M. Ali Syeda S. Ali Achilles Alon<sup>†</sup> Jiyoung An Athena A. Antoniou Caroline Assad Maryanne R. Barr Selamawit Belay Adelle Berezinsky Patricia-Ann J. Betts Chirag H. Bhatt Marian S. Bishai Eric J. Bjornstad† Anup Borawala Lauren M. Boutillier Lori L. Buerklin Ralph G. Bury Jennifer E. Busfield Hyunsuk Byun Trixia Anne M. Camacho Sandeep Chakrabarty Johnny C. Chan Daniel L. Chang Olivia Chang Helen J. Chen Kevin S. Chen Huei-Mien Chien Stephanie C. Chiu Min H. Cho Ji Y. Choi Nashwa J. Choudhry Sumaiya Chowdhury So-Hyun Chun Jennifer A. Cimoch Paul M. Conover Danielle J. Coppola Robert T. Corry Marie A. Dargento Timothy M. Davis Cynthia De Piano Kaleena T. De Vivo Adam del Corral Ruchita Desai

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Sarah E. Kushlak Sylvia Sargious Labib Priti C. Lad James A. Lazaro William F. Lebak II Yunji Lee Man Yu Li Erna G. Lindain Samantha T. Liu Ji-May T. Lo Jonathan Lo Laura G. Lo Castro Jason Ly Karlene Ma Christine Y. Malati Neeraj Malik Joshua R. Martel Erin P. McCaffrey Jayna D. Mehta Rolando Mercado Jr. Joanne E. Michalski Aamina H. Mirza Maricelle O. Monteagudo Peter Morcos Sebastian A. Moreira Joseph A. Mostillo\* Furgan B. Muhammad Tatijana Nedeska Samson A. Ng Phi-Anh Nguyen John Noh Marilyn J. Novell Adeleye O. Ogunkanmi Zachary A. Oleszczuk Ajay V. Paghdal Brandee K. Paknis Ye Pan Rachel A. Parikh Andrew J. Park Anissa B. Park Hwee Nyung Park James Park Minyoung Park **Taehee Park** Eric J. Parr Biren A. Patel Gaurav C. Patel Neha Patel Nirav H. Patel

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### Graduate School-New Brunswick

MASTER OF ARTS

Saladin A. Ahmed LITERATURES IN ENGLISH Enock Aloo Literatures in English Stephanie Victoria Andre\* Literatures in ENGLISH Denise A. Balik\* POLITICAL SCIENCE Sean Patrick Barry\* Literatures in English William A. Beltle\* HISTORY Susan Elizabeth Billmaier POLITICAL SCIENCE Colleen Marie Bloom<sup>†</sup> Sociology Chelsea Louise Booth† Anthropology Diana Elizabeth Bramham\* ART HISTORY Riccardo Capoferro LITERATURES IN ENGLISH Marketa Liska Cawood† Sociology Jeffrey Chilelli\* Spanish Sabrina S. Cywinski\* POLITICAL SCIENCE Tingting Ding Economics Tracy L. Eddy<sup>†</sup> HISTORY Julia Silva Feldhaus German Andres Fernandez Martin Economics Stephen Joseph Fichter† Sociology Zachary David Fischer Music Anna M. Forster Sociology Unique Aveian Fraser\* HISTORY Jennifer Marie Garrison\* Literatures in ENCLISH Elizabeth Ann Gaudino\* ART HISTORY Kristina Ann Gupta<sup>†</sup> Women's and Gender STUDIES Sun Hyang Ha\* FRENCH

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### Graduate School-New Brunswick

#### MASTER OF ARTS FOR TEACHERS

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### Graduate School-New Brunswick

#### MASTER OF PHILOSOPHY

Sudha Lakshminarayanan\* Civil and Environmental Engineering

### Graduate School-New Brunswick

#### MASTER OF SCIENCE

Solomon Adjei Statistics Masroor Ahmad Electrical and Computer ENCINEERING Kagan Aktas Civil and Environmental ENGINEERING Mohammad Tanvir Alam COMPUTER SCIENCE Zayed Al-Otaiba\* Psychology Eileen M. Althouse BIORESOURCE ENGINEERING Ted Nicholas Amrein STATISTICS Saket Gyan Anand\* Electrical and COMPUTER ENGINEERING Eric C. Andersen\* Ecology and Evolution AnnMarie Elizabeth Armenti ANIMAL SCIENCES Mahdi Asadnia Civil and Environmental ENGINEERING Darryl Ashley Babcock Environmental **SCIENCES** David Michael Babson CHEMICAL AND **BIOCHEMICAL ENGINEERING** Silvia Bach STATISTICS Aneta E. Barbos Physics and Astronomy David E. Baum Industrial and Systems ENGINEERING Scott R. Benecke\* STATISTICS James Lyle Bennett CHEMISTRY AND CHEMICAL BIOLOGY Gautam Dilip Bhanage\* ELECTRICAL AND COMPUTER ENGINEERING Sayan Bhattacharya Electrical and **COMPUTER ENGINEERING** Elan Borenstein Mechanical and Aerospace ENGINEERING Sean G. Boyd Ecology and Evolution Erica Jan Briscoe\* Psychology Benjamin Broker\* Physics and Astronomy Jacalyn Toth Brown Ecology and Evolution Thomas M. Brundage STATISTICS Matthew John Bryant CIVIL AND ENVIRONMENTAL ENGINEERING Katie A. Buckley\* Environmental Sciences James P. Bufis STATISTICS Attila Cangi\* PHYSICS AND ASTRONOMY Pamela Marie Carabetta MECHANICAL AND **AEROSPACE ENGINEERING** Robert H. Cashel PLANT BIOLOGY Linda Cedeno Psychology Wei Cen\* FOOD AND BUSINESS ECONOMICS Marc N. Chamoun Electrical and **COMPUTER ENGINEERING** Sharanya Chandrasekar Electrical and **COMPUTER ENGINEERING** NUNO L. Chao\* CIVIL AND ENVIRONMENTAL ENCINEERING Tashina Charagi\* Electrical and Computer ENGINEERING Qinghua Chen STATISTICS Liang Cheng MEDICINAL CHEMISTRY Gayle Eilene Chiodo\* NUTRITIONAL SCIENCES

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ENGINEERING

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ENGINEERING

Chan Shen STATISTICS Yangyang Shen Chemical and Biochemical ENGINEERING Shweta Shrivastava\* Electrical and COMPUTER ENGINEERING Joseph Paul Silvagnoli Jr. STATISTICS Eric C. Simms Ecology and Evolution Irina Simoneishvili\* CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Milan Simonovic Mechanical and Aerospace ENGINEERING Gurpreet Singh MEDICINAL CHEMISTRY Ajay Chakravarthi Solai Jawahar\* ELECTRICAL AND COMPUTER ENGINEERING Arunkumar Srinivasan\* Industrial and SYSTEMS ENGINEERING Supriya Srivastava Civil and Environmental ENGINEERING Janakiraman Srihari Sumaithangi CIVIL AND ENVIRONMENTAL ENGINEERING Yu Sun\* Chemistry and Chemical Biology Irantha Suwandarathna COMPUTER SCIENCE Saswati Swami Electrical and Computer ENGINEERING Joshua Michael Szulczewski CIVIL AND ENVIRONMENTAL ENGINEERING Yoko Takekawa Electrical and Computer ENGINEERING Abhijit Anant Tamba\* Electrical and COMPUTER ENGINEERING Yan Tang\* Electrical and Computer ENGINEERING Andrea Lynne Taylor Psychology Rohan Vijay Tikekar\* FOOD SCIENCE Vivek R. Vadakkuppattu Electrical and **COMPUTER ENGINEERING** Brian David Vancil Physics and Astronomy Arti Verma\* NUTRITIONAL SCIENCES Tania A. Viana Chemistry and Chemical BIOLOGY Jeffrey Thomas Vietri Psychology Chong Wang STATISTICS Grant Wang Electrical and Computer ENGINEERING Jinjun Wang CERAMIC AND MATERIALS SCIENCE AND ENGINEERING Juan Wang STATISTICS Yifang Wang STATISTICS William Douglas Webekind ELECTRICAL AND **COMPUTER ENGINEERING** Adam Scott Weissman\* Psychology Alison Nickol Weltner\* CHEMICAL AND **BIOCHEMICAL ENGINEERING** Edward White Electrical and Computer ENGINEERING David R. Wilson STATISTICS Blaise L. Worden Psychology Wosenseged Seyoum Workneh COMPUTER SCIENCE Alexander C. Wu\* Electrical and Computer ENGINEERING

Rati Sharma\* COMPUTER SCIENCE

ENGINEERING

Sheetal Sheetal Civil and Environmental

Vazgen A. Shekoyan Physics and Astronomy

James Wu Chemical and Biochemical Engineering Ying Xie Statistics Fei Xu\* Food Science Meng Xu\* Chemistry and Chemical Biology Peng Yang Computer Science Melissa S. Yarde Pharmaceutical Science Agnes Yeboah Chemical and Biochemical Engineering Cartie Leigh Yochum Psychology JU HYUN YOU ELECTRICAL AND COMPUTER ENGINEERING Qi YU STATISTICS Kwok F. Yung Statistics Ali Zahiredin Rezvani Industrial and Systems Engineering Thomas Nelson Zdon Statistics Wei Zeng Industrial and Systems Engineering Hang Zhang Statistics Hong Zhang\* Statistics Ren Zhang\* Statistics Ren Zhang\* Chemistry and Chemical Biology Wen Zhang\* Statistics Yichao M. Zhang\* Chemistry and Chemical Biology Donghui Zhou Statistics Yun Zhu\* Psychology Chris Dean Ziccardi Ceramic and Materials Science and Engineering

### Graduate School-New Brunswick

#### MASTER OF SCIENCE FOR TEACHERS

Christopher M. Comiskey Physics and Astronomy

# Graduate School-New Brunswick and the University of Medicine and Dentistry of New Jersey-Graduate School of Biomedical Sciences

### MASTER OF SCIENCE (JOINT DEGREE)

- Arshia Asim Abbasi\* Microbiology and Molecular Genetics Nicholas A. Bauman\* Microbiology and Molecular Genetics Vivian W. Chou† Biomedical Engineering Yashar A. Darian Microbiology and Molecular Genetics David Daniel Degen Biomedical Engineering Brett Joseph DeMarco† Biomedical Engineering Susan Doubilet Microbiology and Molecular Genetics Kathryn Michelle Jaques Physiology and Integrative Biology
- Aana Moon Kim Biomedical Engineering Ayelet Klartag Cell and Developmental Biology
- Vanessa Santos Kober Cell and Developmental Biology
- Lauren Elisabeth Lacagnino Biomedical Engineering
- Yan Lan<sup>†</sup> Microbiology and Molecular Genetics
- Jennifer L. Laughlin\* Microbiology and Molecular Genetics
- Jeffrey Ly BIOMEDICAL ENGINEERING
- Fanny M.C. Myers† Microbiology and Molecular Genetics

- Bitha Narayanan\* Microbiology and Molecular Genetics
- Laszlo P. Novak Cell and Developmental Biology
- Ketaki Amit Rahalkar\* BIOMEDICAL ENGINEERING
- Arthur I. Roberts Microbiology and
- Molecular Genetics Dorota H. Sadowski Physiology and
- INTEGRATIVE BIOLOGY
- Nilav Shah Biomedical Engineering
- Hassan A. Sheikh\* BIOMEDICAL ENGINEERING

### Graduate School–Newark

#### MASTER OF ARTS

Isai Acevedo Jazz History and Research Jaime L. Broderick Political Science Tiffany Samone Butts Psychology Courtney A. Carroll English Michael James Conklin Jazz History and Research Shana Corrin Dagenhart English Daniel J. DePaulo Psychology Daniella B. Desilva-Harris English Linda A. DiFabio\* English Hugo F. DosSantos English Mitali R. Dutta\* Economics Dana Ann Eldreth\* Psychology Erin Helena Gimbel English Garrett S. Goldsack II Economics Mark Jonathan Goldwert Political Science Jeffrey Christopher Gonzalez English Robert F. Goulding† Political Science Louis Anthony Iozzi Jazz History and Research Matthew Leskovic Jazz History and Research Jared Alexander Levine Political Science Fui Ting Loh† Economics Mark Joseph Lomanno Jazz History and Research Kimberly Ann Macellaro English Anna Manelis† Psychology Spencer Robert McGrath English Allyson Meloni Psychology Samantha Ann Montani-Siegelheim† English Neil P. Naughton English Randy Dean Nichols English Eric L. Novod Jazz History and Research Sean D. O'Kane English Kelechi N. Okere English Kelechi N. Okere English Carlos Aaron Ortiz\* Political Science Akil Ozcay† Economics Ellen Joan Papazian English Adele B. Polomski English Anthony J. Porcelli Psychology William George Quigley English Ana Radonjic† Psychology Kris Courtland Reinmann† Political Science Octavian Rotaru Economics David S. Sagar Jazz History and Research Kiran Shamlall† Political Science Michael J. Soltys English Vasilis Stavrinou Economics Mary Ann Waclawik English Bilesha Buddhika Weeraratne Economics Lionel Samuel Wynter English Douglas C. Yeung Psychology

### Graduate School-Newark

#### MASTER OF ARTS IN LIBERAL STUDIES

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### Graduate School-Newark

#### Master of Science

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Tomasz Daniel Antoszczak† GLOBAL AFFAIRS Malik J. Baz Environmental Geology Schweitzer P. Beuns GLOBAL AFFAIRS Frances B. Biroc\* GLOBAL AFFAIRS Edmund Jerome Bishop\* CHEMISTRY Roberto J. Bustamante<sup>+</sup> GLOBAL AFFAIRS Kenneth Michael Cabot† GLOBAL AFFAIRS D'Juana Lasha Clark† NURSING Maretta K. Daniel NURSING Luiza Gheislane Di Giovanni\* GLOBAL AFFAIRS Kok-Thay Eng GLOBAL AFFAIRS Beata Gallehdari NURSING Lisa Raemsch Garsman NURSING Maureen P. Glennon<sup>†</sup> NURSING Iva Mae Grant NURSING Jonas Haertle<sup>†</sup> GLOBAL AFFAIRS Richard C. Heimbuch NURSING Ali Jafari\* GLOBAL AFFAIRS

Yasmin Jamshed† GLOBAL AFFAIRS

Tatjana Jegdic† GLOBAL AFFAIRS Janice Lisa John† Nursing Hussien M. Karriti† Global Affairs Karen R. Kassabian† Nursing Elizabeth Maria Kikolski CHEMISTRY Kennie In-Jung Koelsch† NURSING Michele Nevenka Lalic GLOBAL AFFAIRS Margaret E. LaScala\* GLOBAL AFFAIRS Lisa G. Lippincott† NURSING Kelly Ann Lynch<sup>†</sup> Nursing David M. Mack\* Environmental Geology Melvyn Vanroy Mahan II GLOBAL AFFAIRS Idrissa Mamane Rabiou GLOBAL AFFAIRS Jaime Lynn Maratta† NURSING Marychris Melli\* GLOBAL AFFAIRS Stephanie Moeneak Moon† NURSING Kimo M. Morris Nursing Koushiki Mukherjee\* GLOBAL AFFAIRS Donna Lee Murray<sup>†</sup> NURSING Tatsuya Nagata\* GLOBAL AFFAIRS Hien Thi Thanh Nguyen† NURSING Laureen Omurundo Obbayi GLOBAL AFFAIRS Debbie Mary Orr† NURSING

William M. Pagano<sup>†</sup> ENVIRONMENTAL GEOLOGY Janine M. Pezzino Nursing Kerri E. Reiff† Nursing Lauro Lucio Rocha<sup>†</sup> NURSING Octavian Rotaru† GLOBAL AFFAIRS Brenda H. Rummel† NURSING Kristen Michelle Runyon† NURSING Colleen Patricia Russo GLOBAL AFFAIRS Erica Lynn Sciarra† NURSING Jelena Skopelja GLOBAL AFFAIRS Ana Raquel Sverdlick<sup>†</sup> GLOBAL AFFAIRS Adam Lee Taylor-Vaughan† NURSING Anita Thomas† NURSING Linda March Vincent† NURSING Matthias Johannes Wachter GLOBAL AFFAIRS Lisa Michele Wallace<sup>†</sup> NURSING Gail Yvonne Willia† NURSING Panayotis Alexander Yannakogeorgos **GLOBAL AFFAIRS** Marilyn Zambrzycki GLOBAL AFFAIRS Tomasz Edward Zaremba† GLOBAL AFFAIRS

### Graduate School-Newark and the New Jersey Institute of Technology-College of Science and Liberal Arts

#### MASTER OF ARTS (JOINT DEGREE)

Jaclyn Kathleen Castaldo History Kelly Detrick\* History Courtney Rebecca Eddington History Adam M. Ferrell\* History Stephen Gary Harlan History Hildegarde Jackson\* History Stephanie E. Jones-Rogers History David Lee Lipton History Julia Marie Martella† History Maisha Lynn Phillips History Christopher B. Primiano† History Chantal Renee Reynolds History Rui Manuel Rodrigues† History Vanessa Rotondi HISTORY Victor Bernard Stolberg HISTORY Matthew P. Thornton HISTORY Rebecca Louise Vanucci HISTORY Jared F.Q. Weigley HISTORY Neal Evan Ziskind HISTORY



# Graduate School–Newark and the New Jersey Institute of Technology– College of Science and Liberal Arts

Master of Arts for Teachers (Joint Degree)

Jennifer L. Boulton HISTORY Louis R. Manganiello HISTORY Eric J. Scheidemann† History

Langdon A. Wagner Jr. HISTORY

# Graduate School–Newark and the New Jersey Institute of Technology– College of Science and Liberal Arts

MASTER OF SCIENCE (JOINT DEGREE)

John L. Bernstein Biology Porsche Elizabeth Brown Biology So Young Choi Biology Christy L. Cincotta\* Biology Audrita Trisann Crawford Biology

# Graduate School-Camden

### MASTER OF ARTS

Bryan Howard Buttler† English Scott Fraser Cameron† English Michael William Chewkanes Criminal Justice Karen M. Deaver† English Nicholas Anthony Delo English Amy Margaret Dick English Cathy K. Donovan English Rena E. Dashiff\* BIOLOGY Natasha S. Davis Environmental Science Edmond Joseph Durana\* Biology Vincent Richard Koczurik Biology Robert J. LoMauro\* Biology Michael Edward O'Brien Environmental Science

Jessica Marie Reichmuth\* BIOLOGY Jane Elizabeth Zagajeski\* BIOLOGY Hong Zhou† ENVIRONMENTAL SCIENCE

John P. Fabiano HISTORY Michelle Ferranti HISTORY Malikah A. Goss English Nadia Margaret Kotula English Estella M. Linthicum English Danielle Newton Magnusson English Rosemary McAndrew English Angela Shanine Mosley CRIMINAL JUSTICE Matthew Scott Payne† CRIMINAL JUSTICE Jennifer Kathleen Renner English Ephraim Joshua Rotter History Krystal B. Sloan† English Michael Benton Sylvia† CRIMINAL JUSTICE Nicholas Perry Wood HISTORY

### Graduate School-Camden

### MASTER OF ARTS IN LIBERAL STUDIES

Rachel Elisabeth Crescenzo

Danielle Maria Polimeni

## Graduate School-Camden

#### MASTER OF SCIENCE

Maria Isabel Aldea Guevara Biology Maulik Girishkumar Bhatt Mathematics Vaibhav Girishkumar Bhatt† Mathematics Edith Littman Birnbaum† Mathematics Todd M. Brown\* Mathematics Katherine B. Burns† Mathematics Aliza M. Bush Biology Daniel Stephen Cargill Mathematics Alice Poon Chin Chemistry Gregory Scott Collins Biology

\* October 2006 Graduate † January 2007 Graduate Brian Albert Curtis Biology Ryan Michael Danowski† Biology Michael Anthony D'Antonio† Mathematics Nathalie Jane Darden\* Mathematics Joseph Ralph DelPalazzo Chemistry Gina DeStefano Biology Natasha Devi Durga Biology Emma Ghazal Esmaili\* Mathematics Ronald Gerard Foley† Mathematics Claude Fortune Mathematics Elizabeth Marie Habina Biology Shawn Michael Havey Chemistry Wayne Hinkson Mathematics Daniel William Keebler Mathematics Matthew P. Klein Mathematics David Elliott Knox III† Chemistry Ying-An Lai Biology Dmitry N. Leiderman Mathematics Alfonso Lopez Coral Biology Anne L. Loyle† Chemistry Michael J. McPeak MATHEMATICS Steven Melvin MATHEMATICS Marianne Mina Biology Shirin Raya Modarai Biology Darakshan Mohamed MATHEMATICS Kelly Ann Moncrief Biology Eugene Benard Moore Jr. MATHEMATICS Brittany Ann Morrison Biology Shemeeakah Powell Chemistry Sonali Ray Mathematics Carrie Ann Marie Rezzetti Biology Varun Singh Mathematics Max David Steel Mathematics Lourdes G. Tapia Mathematics Lawrence Joseph Tartaglia Biology Danielle Marie Taulane Biology Egerton William Taylor\* MATHEMATICS Tanya Irene Usyk MATHEMATICS Christy Marie Wallert\* MATHEMATICS Ray Wang Biology Michael J. Ward MATHEMATICS Jessica Lynn Williams Biology

### Graduate School-Camden

#### MASTER OF PUBLIC ADMINISTRATION

Mirlan Alisher Uulu Atnreakn S. Alleyne Marie Baptiste Kasey L. Brenan Katherine L. Correll\* Arkadiy Davidov Jessica Larissa DeVreeze Jennifer L. Dyer† Michelle S. Gasparian† Judith Hinshillwood Giumetti Nelson F. Gomez Jeanette Marie Hand Nicole Lynn Hellriegel Daniel Hornickel Makaya Joanne Jackson Lara Lane Karlson Stella J. Kim† Margaret Ann Martinez Melissa Elena Martynenko\* Kathleen I. Moore† Robert-Neal North Patrick Ryan O'Neill Amber Elaine Parker Alisa Paykos\* Matthew Scott Payne† Melinda Jean Pennacchi Rachel A. Pittard† Braxton James Plummer Tetyana E. Poladko Emily A. Rhodenbaugh Sonia I. Rivera-Perez† Mildred Elizabeth Rojas Anthony J. Russo Michelle C. Ryan\* Barbara Savoca Guy M. Still Joyce M. Stout† Jennifer Leigh Taylor Jerome Galvin Townsend Donna F. VanderPloeg Robert Villare Dana Weimar-Nuila Katherine Dynes Wright

# Graduate School–Camden and the University of Medicine and Dentistry of New Jersey–School of Health Related Professions

### MASTER OF PHYSICAL THERAPY (JOINT DEGREE)

Todd Michael Barge Irina Burdetsky Marissa Aquino Mejia Pamela Anne Radziewicz Sayonara Ravelo Kevin Phillip Schnitzer John Bernard Talty Kimberly Anne Vona

### School of Business-Camden

### MASTER OF ACCOUNTING

Anna Marie Ingemi\*

## School of Business-Camden

#### MASTER OF BUSINESS ADMINISTRATION

Kevin Joseph Akinskas† Israel Almodovar\* Brian D. Bailey† Eve R. Bandler David F. Barcklow† Paul J. Barnhart Brett Adam Berman† Catherine M. Burns\* Gerard Paul Capistrano Chun-Ling Chang† Li Chang

Pokai Chen Tzu-Lin Chen Chi Chung Alexsandra S. Cokenakes Shannon Elizabeth Conley Natalie L. Cox\* Richard Anthony Crisci\* David Louis Day Edward Daniel Dennis Jr. Matthew F. Desanto\* John Christopher Devine Stephanie Dolores Diener† Vincent Thomas Dispenza† Shanna M. DiStefano Anne-Marie Fala† Erin Mary Fay† Jessica Ann Fegan Daniel R. Fehl Dana L. Forberger Ryan J. Frampton Kevin David Francis Kelly Frankel Samiel M. Fuller† Troy Austin Garnes David Brian Gerba Peter Girgis Michael Joseph Grabianowski Jeffrey B. Groon† Jason R. Halvorsen Krister Hammar† Megan Sarah Hansell† Stephanie A. Holm\* Stephanie Lynn Hosford† Jen-Feng Hsieh Yun-Fei Hsu† Pei-Yi Huang Robert Brent Hughes Edward Michael Janes Dana Jones Rafael M. Kaplan† Dimitry Alexander Kaplun Alexandros G. Karagiannidis\* Robert Philip Keogh Susan Diane King† Thomas T. Koshy Justine C. Kosmoski Yen-Jung Lai

Yen-Ting Lai<sup>†</sup> Matthew Adam Levitsky<sup>†</sup> Che-Hsin Lin<sup>†</sup> Michael Jason Malatesta Michael Patrick Mann Jr.<sup>†</sup> William Edward McCorkle<sup>†</sup> Shawn Patrick McDonnell<sup>†</sup> Robert Gerald Mc Nally Abhijit Mukherjee<sup>†</sup> Jodi Allison Nass<sup>†</sup> Kara L. Nielsen Doo Jin Paik John Pehush<sup>\*</sup> Allwyn Vincent Pinto† James John Reynolds† Jennifer Ann Ruggiero† Michael R. Sacchetti† Jason Thomas Schaeffer\* Matthew James Schwartz Samir Shah James Howard Shields John C. Skiba\* Joseph Alexander Skladanek David R. Slobotkin\* Robert Louis Smith Jr.† Christa Speck Lee D. Spinella Charmian Elizabeth Stone† Laura Katherine Stratton\* Rupert Hd Swindells Juma Marcel Thorpe Jeffrey Allan Vanderslice Jeanne M. Viguers† David Michael Wheeler\* Douglas A. Williams† Matthew Pierce Williams Calvin Louis Wilson Chun Po Yang† Chungfai Zee\*

### Graduate School of Education

#### MASTER OF EDUCATION

Nicole Aguila Elementary and Early CHILDHOOD Eloisa Almanzar Language Alyse Hope Altman SPECIAL Lauren Marie Amato ENGLISH Danielle Marie Andriano MATHEMATICS Cathleen Ann Areman<sup>+</sup> Administration and SUPERVISION Darlene J. Asselin† Science Marika K. Autrand ENGLISH Sharyn Finno Auzinger\* Counseling **P**SYCHOLOGY Christine Marie Avenoso Science Pranati Bagchi Elementary and Early CHILDHOOD Lynne Ann Baldwin English Konstantina C. Barkas LANGUAGE Julia Rogers Barnes\* Administration and SUPERVISION Sacha Batra Elementary and Early CHILDHOOD Cheryl Faye Becker MATHEMATICS Seth Behler MATHEMATICS Robert Ian Berger Social Studies Kelly A. Bernstein<sup>†</sup> Social and Philosophical FOUNDATIONS Gregory R. Bing Counseling Psychology Diana A. Bivona Elementary and Early CHILDHOOD Ari Zev Blinder MATHEMATICS Janet E. Bond COUNSELING PSYCHOLOGY Carla Deborah Bourne READING Catharine Mary Brasch-Moore\* READING Kathleen Brennan LANGUAGE Bonnie S. Brienza MATHEMATICS Alfred Richard Broan III Administration AND SUPERVISION Debra M. Brockway† Statistics and MEASUREMENTS Laura Rose Burr Administration and SUPERVISION Megan Anne Butchko Elementary and Early CHILDHOOD Elizabeth K. Byham MATHEMATICS Lori Palmieri Candon\* SPECIAL

Melissa L. Cantiello Adult and Continuing Danielle Lyn Canton SPECIAL Diana J. Catanese Elementary and Early Снирноор Jennifer C. Chatmon Administration and SUPERVISION Ellen Cheikes Special Dorothy J. Chen LANGUAGE Shu-Fen Cheng Counseling Psychology Kay Lee Collins† Statistics and **MEASUREMENTS** Lisa M. Collins<sup>†</sup> Counseling Psychology Joseph Conroy LITERACY Jessica Lyn Constandelis Elementary and EARLY CHILDHOOD Kristyn D. Corace\* SPECIAL Stacy Ann Curcio† SPECIAL Jennifer Lynn D'Acunto Administration and SUPERVISION Shawn Leslie Davis READING Leah Rachel Dawer Elementary and Early Снирноор Erinn Marie De Andrea Administration and **SUPERVISION** Jennifer Marie DeAngelis† READING John G. DeLaurentis ENGLISH Heather A. DeLollis\* Administration and SUPERVISION Corinne M. DeMore Elementary and Early Снідноор John Peter DeRosa<sup>†</sup> Administration and **SUPERVISION** Yuri Arabeli Diaz Language Elvse Nadine Dick Social Studies Carol Ann Dobrowolski Administration AND SUPERVISION Kimberly C. Dolan SPECIAL Tiffany Ann Doltz SCIENCE Joy C. Dominic\* Special Timothy P. Donahue Administration and SUPERVISION William J. Donner Jr.\* SPECIAL Kathryn L. Donofrio Social Studies Lauren B. Dooley Science Barbara Dowbysz SPECIAL

Thomas M. Dunne\* Social Studies Kelli Nicole Dunston Elementary and Early Снідноор Barbara Willcox Dwyer Social Studies Natalie K. Egan LANGUAGE Maria Fontaine Eldridge Counseling **P**SYCHOLOGY Kate McLaren Eovino MATHEMATICS Yelda Erisken Statistics and Measurements Lauren L. Estevez Anania Elementary and EARLY CHILDHOOD Jessica Faith Fast MATHEMATICS Kelly Marie Favreau SPECIAL Svetlana Fayvelevich SCIENCE Donna A. Felezzola Administration and SUPERVISION Katherine Sara Ferges Elementary and Early CHILDHOOD Michelle L. Ferraro\* Elementary and Early Снирноор Victoria R. Formato Social Studies ROCCO J. FORNARO† ADMINISTRATION AND **SUPERVISION** Maryury Freyre\* Administration and SUPERVISION Alicia A. Frost DeMarco\* Counseling PSYCHOLOGY Jennifer Marie Fuge Elementary and Early Снігрноор Jessica Brooke Furman ENGLISH Kimberly Julia Garavente ENGLISH Amy T. Giamarino\* Reading Julie Beth Ginsberg SPECIAL Patrice Clark Gorman Social Studies Cindy Grace Gormish Social Studies Carlos Manuel Gramata Jr. Administration AND SUPERVISION JOANNA Graziani Elementary and Early Снирноор Laura Ellen Greenstein\* SPECIAL Matthew Gristina\* Administration and SUPERVISION Suhail Guerrero Language Chantal Marie Hagan ENGLISH Nana Han Elementary and Early Childhood

\* October 2006 Graduate

† January 2007 Graduate

Mahek Handiwala SPECIAL Laura A. Hargadon† Administration and SUPERVISION Kelly S. Harrity MATHEMATICS Jennifer L. Hawthorne SPECIAL Donald Curtis Heilman Social and PHILOSOPHICAL FOUNDATIONS Katherine Ruth Helfgott SPECIAL Colleen A. Henkin\* READING Ingrid Noemi Hernandez LANGUAGE Iris Nereyda Hernandez† SPECIAL Katherine Renee Horbatt ELEMENTARY AND EARLY CHILDHOOD Ho-Hsin Huang LANGUAGE Melissa L. Huberfeld Elementary and Early Снидноор Kathleen Ellen Hyland\* SPECIAL Noor Y. Ibrahim ENGLISH Lisa Marie Imbro† LITERACY Heather K. Ings Science Marie G. Isolda Language Yen-Fang Jenh LANGUAGE Sheba Rachel John LANGUAGE John R. Jones Jr.† Administration and SUPERVISION Karen Dianne Jones\* Administration and SUPERVISION Ching-Ching Kan SPECIAL Susan F. Kennedy MATHEMATICS Farheen Khan Elementary and Early CHILDHOOD Margaret U. Kim ENGLISH Yunhee Kim<sup>†</sup> Elementary and Early Снирноор Moira Theresa Kirby SPECIAL Jeanine Ann Kloss Elementary and Early Снирноор Leanne Jill Koch ENGLISH Edward J. Kopp Administration and SUPERVISION Beth Livingston Kops\* Social Studies Sarah C. Kornblum Elementary and Early CHILDHOOD Ewelina Kowalczuk† Counseling **PSYCHOLOGY** Jessica E. Labos Special Wendi E. LaBruno\* SPECIAL Stefanie A. Lachenauer Elementary and EARLY CHILDHOOD Christine Marie Landwehrle Administration AND SUPERVISION Luis Fernando Largo Gutierrez SCIENCE Tasha N. Leggard LANGUAGE Charity Ann Leonhardt COUNSELING PSYCHOLOGY Amanda C. Levine\* Administration and SUPERVISION Laurie J. Levine\* Special Stefanie Levine<sup>†</sup> READING Dominika Lewandowska† Counseling **P**SYCHOLOGY Jennifer Ann Lilgeberg MATHEMATICS Rebecca Lee Linton ENGLISH Jacquelyn L. Lipari SPECIAL Karen Marie Long Counseling Psychology Gina Jennifer Lovitch Counseling PSYCHOLOGY

Chih-Ann Grace Luan Science Kristen Anne Lunny† MATHEMATICS Brian K. Lvnch Jr. SCIENCE Megan Elizabeth Maguire Counseling PSYCHOLOGY Kathleen Olga Malkiewicz\* Adult and CONTINUING Tony John Martin Social Studies Rita I. Martins ENGLISH Tito Benjaimin Mason Administration and **SUPERVISION** Shahina Afzal Masood\* Administration and SUPERVISION Shirley Ann Mastowski† Administration AND SUPERVISION Kiran Masud Elementary and Early Снирноор Elio O. Mavo Science Bonnie Jean McDevitt Elementary and EARLY CHILDHOOD Hailey Lynn McGavisk Elementary and EARLY CHILDHOOD William Gabriel McGowan MATHEMATICS Jolene R. McGuirk Elementary and Early CHILDHOOD Christine Amanda Mederos Social Studies Jessica Ann Melamed Elementary and Early Снидноор William J. Merritt\* SCIENCE Theodore W. Meyer Elementary and Early CHILDHOOD Amy Goldberg Michael\* LANGUAGE Tracy Ann Michalak<sup>†</sup> SPECIAL Christine Ann Miller Elementary and Early Снирноор Joshua H. Miller SPECIAL Mercedes Leonor Minaya LITERACY Yurio Miyazawa Counseling Psychology Elizabeth P. Monahan LANGUAGE Christopher Morley MATHEMATICS Adrienne Kira Moscinski SCIENCE Tara M. Mov MATHEMATICS Allison Kate Mueller Elementary and Early CHILDHOOD Nadia Mule LANGUAGE Erin Elizabeth Mulligan† Administration AND SUPERVISION Robin K. Murphy Elementary and Early CHILDHOOD Harry Louis Musto Elementary and Early CHILDHOOD Carolyn Elizabeth Nagy LANGUAGE Maya N. Nayar\* Special Chihiro Ataka Negron LEARNING, COGNITION, AND DEVELOPMENT Aori Nevo Mathematics Michael Robert Newman\* Elementary and EARLY CHILDHOOD Ronalee Kandor Newman Science Hien T. Nguyen-Le† Learning, Cognition, AND DEVELOPMENT Annie Nikovics Elementary and Early Снидноор Colleen A. Oates Social Studies La' Nyia Jameelah Odoms MATHEMATICS Joseph A. Oettinger Science Gregory J. O'Reilly Social Studies

Rachel Lynn Ostanski Social Studies Julie Theresa Owen ENGLISH Justine Katherine Owsik MATHEMATICS Valerie Jill Pachter LANGUAGE Rachel Courtney Palmer† SPECIAL Thomas M. Pasko MATHEMATICS Kaitlyn Anne Penkalski MATHEMATICS Jill Catherine Perez Social and Philosophical FOUNDATIONS Christine Perratore Elementary and Early CHILDHOOD Javier Peter Persad ENGLISH David Matthew Persily Administration and SUPERVISION JOANNE L. Petillo ELEMENTARY AND EARLY Снидноор Kristina Zukauskas Phelan\* READING Melissa Catherine Poland SCIENCE Lauren A. Pooley Special Francesca Vanessa Pugliese SCIENCE Patricia Catherine Quinn\* ELEMENTARY AND EARLY CHILDHOOD Ana M. Ramos-Saenz Language Jennifer A. Raphaels Social Studies Tara E. Raso English Krystal M. Reddick Elementary and Early CHILDHOOD Daniel V. Reppert Social Studies Elisabeth A. Rex<sup>†</sup> Elementary and Early Снидноор Brenda I. Reves Elementary and Early CHILDHOOD Leigh Adriana Ricciardi English Agnes T. Richie<sup>†</sup> SPECIAL Matthew Thomas Ritchie<sup>†</sup> Administration AND SUPERVISION Elsa N. Rivera Special Tina Zorrilla Rivera LEARNING, COGNITION, AND DEVELOPMENT Brian A. Rock Social Studies Evelyn Judith Rosa\* Adult and Continuing Dana Michelle Rosen\* **R**EADING Jill Risa Rosenthal MATHEMATICS Jessica Erin Rosevear English Jessica A. Ruegnitz Language Jeffrey R. Rumen MATHEMATICS Mary-Jo Sabatino Elementary and Early CHILDHOOD Neha Saha Elementary and Early Childhood Barry Jon Saide<sup>†</sup> Administration and SUPERVISION Mary Terese Salama SCIENCE Daven Cory Sanders\* Counseling PSYCHOLOGY Jaime Lauren Sanders Counseling **P**SYCHOLOGY Sherry N. Saperstein Elementary and Early CHILDHOOD Michael Kenneth Saulnier<sup>†</sup> Counseling PSYCHOLOGY Natalie J. Scarano\* SPECIAL Laura Anne Scerbo\* Administration and SUPERVISION William George Schlavis Social Studies Tracy L. Schottanes Elementary and Early CHILDHOOD

Gretchen Marie Schwinghammer ELEMENTARY AND EARLY CHILDHOOD Stephanie Marie Seppy ENGLISH Neepa K. Shah ENGLISH Jodie N. Shutt Elementary and Early CHILDHOOD Jordan Todd Siegel Counseling Psychology Keriann Frances Sierfeld ENGLISH Michael Kenneth Silverman Administration AND SUPERVISION Dana Marie Slater LANGUAGE Moira Anne Smith MATHEMATICS Lauren Marie Snyder\* MATHEMATICS Ashley Nichole Soden Elementary and Early CHILDHOOD Hani M. Soliman MATHEMATICS Sheldon Thomas Soper Elementary and EARLY CHILDHOOD Bonnie Michelle Spencer† LITERACY Julia Nicole Stark† Special Alison Heather Starker SPECIAL Hsia-Ping Sung Language Karen A. Sweet Special Juan M. Swist Social Studies Frederick James Taffy COUNSELING **P**SYCHOLOGY

Christopher Taillefer English Natalie Taranto SCIENCE Blessy Thomas Special Jill Andrea Toborowsky\* Counseling **PSYCHOLOGY** Jessica K. Tomkins\* Adult and Continuing Michael Edward Tresslar<sup>†</sup> Counseling **P**SYCHOLOGY Sarah Tyberg Elementary and Early CHILDHOOD Jamie R. Tzeiler SPECIAL Yuliya Uchitel Elementary and Early Снирноор James R. Urbaniak ENGLISH Alin Vaks English Mary Elizabeth Valdivia Administration and SUPERVISION Joshua David Valvano Social Studies Sommer Lee VanDeBoe MATHEMATICS Brian Vanicky Administration and SUPERVISION Yamini Varma Science Loly Amari Verastegui Adult and CONTINUING Michael Robert Volonnino Administration AND SUPERVISION

Francis Thomas Wagenblast Social Studies Agnieszka M. Walus Elementary and Early CHILDHOOD Lisa Alexandra Warden SCIENCE Elisabeth Mary Webb ELEMENTARY AND EARLY CHILDHOOD Melissa Lauren Weinberg SPECIAL Christa Eddinger Wesley MATHEMATICS Ryan James Westman ELEMENTARY AND EARLY CHILDHOOD Christine Laura Wetzel MATHEMATICS David J. Whitman Social Studies JoAnn K. Wong Special Karen S. Wong Language Larissa Nicole Wudmaska MATHEMATICS Marta Olha Yacykewych SPECIAL Boris A. Yakubchik MATHEMATICS Zhitong Yang<sup>†</sup> Learning, Cognition, and DEVELOPMENT Malikata R. Young\* SPECIAL Linda Yu SPECIAL Tina L. Zagha Elementary and Early CHILDHOOD Allison C. Zamparelli† READING Emily D'Anna Ziccardi Elementary and EARLY CHILDHOOD

### School of Communication, Information and Library Studies

#### Master of Library and Information Science

Kathleen Y. Agno\* Linda M. Ahern Cassandra J. Alpaugh<sup>†</sup> Katherine Elson Anderson Emily Jeannette Andresini Elizabeth O'Dea Andrews† Jared B. Ash\* Thomas M. Ayars† Amy B. Babcock† Douglas J. Baldwin John P. Bangert<sup>+</sup> Jeffrey Samuel Bennett<sup>†</sup> Erica J. Bess Michael James Bobish Salvatore Cardinale\* Marshall Philp Carroll<sup>†</sup> Kimberly Ann Cashman Martha Legg Christophe Kathleen F. Cipollone† Marci B. Cooke Bethany M. Cramer† Christine P. Crawford Joye A. Crowe-Logan Andrea Carrol Cruise Peter James Cutrera<sup>†</sup> Krista Dandurand Rebecca Ann Dean Jeanette de Richemond† Amy C. DiPasquale<sup>†</sup> Sylvia A. Dixon-McInerney Alaina N. Dowd

Adrian Bruce Emerson Michael J. Ferrante<sup>†</sup> Elizabeth H. Fineberg Constance J. Fontana<sup>†</sup> Stephanie Ellen Fox<sup>†</sup> Anna Marie Frederick Leah H. Gass† Peter F. Gigante John W. Gorman Wen Gu\* Ingrid C. Guentert<sup>†</sup> Maria Romina Gutierrez† Mary Christine Megan Hartley\* Katherine Diane Harto Janet Lynn Hauge Allison Leigh Hausladen\* Yu Jiang<sup>†</sup> Frank Jolliffe Stephen Kent Jones Linda Monica Fritz Keane† **Robert Paul Keith** Stephanie Jane Kip† Sarah Abigail Larochelle Tamara Lee Andrea F. Lenhardt<sup>†</sup> Felicia A. Lichter<sup>+</sup> Chien-Ju Lin\* Jill K. Locascio† Lisa Ann Manganello

Laurie Matassa Michael A. Maziekien Paula Griskey McGraw\* Jennifer Lynn McLarney\* Arthur H. Merchant<sup>†</sup> Tracy Johnson Miceli Susyn Y. Mihalasky\* Robyn N. Miller† Linda Wien Murray\* Elizabeth Buckley Nicholson\* Christen Lynn Orbanus Jacqueline Theresa Oswald James Nolan Peek\* Victoria L. Petrock<sup>†</sup> Maxine F. Pilavin Christine Marie Poser\* Christine A. Rabbath<sup>+</sup> Chitra Ravichandran\* Kumiko Reichert† Mary A. Reilly Amelia L. Renna<sup>†</sup> Linda Melick Reynolds\* Rosemary Wilson Rich† Christina Marie Roest† Veronica B. Rutter\* Ellen M. Ryan Joshua J. Samber\* Marco Schembari Eric C. Schwarz<sup>†</sup> Karen D. Simon

Maureen M. Smyth Alissa Reeves Steinhoff Jacinda Karrie Stephens† Rochelle L. Stern Julie Ann Strange\* Edward Suarez\* Caroline Elizabeth Tesauro\* Camille Joy Thompson Elizabeth Lee Thompson Jeanette R. Torres-Hanley<sup>†</sup> Jesse Colin Christopher Traquair\* Elena Tsomaeva Wai-Shang Tung<sup>†</sup> Karen E. Vaias† Elizabeth Anne Velez\* Lucille Victoria Vidal Douglas Damien Walden David Carle Walker<sup>†</sup> Joycelyn Nikia West† Ann E. Williams† Ingrid O. Williams Pham Wolfe Leigh A. Woznick<sup>†</sup> Zhi Hong Xu Guanhong Yao† Kuei-Ju Yeh Paul Joseph Young<sup>+</sup> Shazia Zaman† Linda Theresa Zuckerman

### School of Communication, Information and Library Studies

#### Master of Communication and Information Studies

Esther Akousa Agyeman-Budu\* Cynthia Helen Bates† Melissa J. Bator Nat Turner Bender† Justin P. Borowsky Jaswinder Kaur Dhillon† Jessica T. Giangaspero† Jessica Starr Hersh Izabela Agnieszka Kuzma† Yuan Lin

Jessica Lynn Frenkian

Toni Louise Peterson† Marisa M. Randall† Robert Christian Sunga

### School of Social Work

#### MASTER OF SOCIAL WORK

Wahiba M. Abu-Ras Kemi Folasade Adelakun-Pinheiro Ana Beatriz Aguilar Kristine M. Aguilar-Aasted Alison L. Ahrens Adrienne M. Alessandroni Azubike Innocent Aliche Natalie Aloyets Artel Brooke Aliza Angelozzi D'edra Y. Armstrong Jacqueline Marie Arteglier Gwyn Y. Ashmore Christina M. Ayres Brieony E. Baierlein Ougeri Ron Baptiste Jennifer Lynn Barnett Cesar M. Barrantes† Priya Basak Kiyana L. Bass† Ferdinand Joseph Battiato Tracy Lynn Bean Mike Bellamy Jennifer Rose Benedetti Robin L. Benjamin Emily K. Berger Rachel Berzok Sondra Lois Blackman<sup>†</sup> Michelle L. Blauschild Noemi Aurelio Bolton Kristine M. Bonagura Stacy-Ann Ayshia Bovell Karen D. Bresinger Nicole Brito Carol M. Britton Melissa Ann Brockway Samantha-Jo S. Broderick<sup>†</sup> Bernice Michelle Brooks Shelly P. Brooks<sup>†</sup> Tara L. Brophy Pamela Celeste Brown\* Mary Elizabeth Bruso **Bianca Marie Byers** Leslie M. Campo Michelle L. Carter Michele Tina Casel Jennifer C. Cayer Angela K. Cedar-Randion Jeanmarie Chang

Shannon Cheri Charles Teri A. Cheresnick Courtney Beth Chileen Dhanwantie Chuli Lisa Anne Churinskas Sharonda Louise Clark Azilla Natasha Clarke Elizabeth A. Connell Jessica Nicole Correa Maria Cosentino Jose Alberto Cruz Naomi Y. Dalal Ann Marie Dampier† Tammy Denise Dash<sup>†</sup> Michelle Ann Dattada Theresa Charlene Dawson Kristin Nicole De Angelo Nilda S. Delgado Mark J. Del Mauro Kathleen DeMaio Jill Dembowski\* Melissa Denisi Arthur Baker Dennis Jessica Dara Deutsch<sup>†</sup> Patricia J. Dickey Simon E. Dike† Tammy M. Dooley Karen M. Dorfman Jacqueline B. Dorner Leigh Ann Duca Jennifer Lee Ellis Eileen Joy Estacio Esporo Shannon L. Evans Tykeyia Nicole Evans Marissa Fahsbender Lara P. Farrokh Selena B. Faulknor Pamela G. Feig Elizabeth Winder Ferguson Jennifer Eileen Fernandez Pamela J. Fernandez Joyce S. Fields Sarah Melissa Fisher Marianne Fontela<sup>†</sup> Ann Marie Forestiere Karen S. Fox\* Elfriede M. Francis Stella Anne Freid Lily Elizabeth Freier

Nancy A. Fuentes Stephanie L. Furness Susan A. Gaffney Nancy Galabi Katherine L. Gallante Gladys Garcia Gabrielle Leigh Gault Frances R. Gaysek Jennifer Lynn Gazafi Mariam Gerges Sara E. Gifford Melanie S. Glass Shanna M. Goldstein Lisette Melissa Gonzalez Melissa M. Gonzalez Migna Ivette Gonzalez Michelle Lucille Graves Matthew James Graziano Kelly Ann Gresko Jane M. Griess† Kristin Anne Groenhoff† Christina Lori Groh Lauraine A. Gumbs Heather L. Hafer Lisa M. Haines† Jessica Kathleen Hale Kathleen E. Hancock La Donnia Michelle Harris Michelle L. Harris Roshenna Lucinda Harris Abigale Sara Hassel† Tomica A. Haynes<sup>†</sup> Tara Leigh Hengstenberg Tracey Marie Hetherton Paula Valeria Hill Christine R. Hines<sup>†</sup> Jessica Ann Hollander Jennifer G. Hooyman Timothy Ryan Hughes Shari L. Hurst Jessica May Husko Stephanie Marie Iglesias Dawn R. Ingram Seema Iqbal Heidi Andrea Ison Mary Williams Jenkins† Sandra Valerie Jensen-Kanner Melody Michelle Johansson

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# Graduate School of Applied and Professional Psychology

#### MASTER OF PSYCHOLOGY

Melissa Lynn Batista\* CLINICAL Brenton Joseph Burke\* Organizational Candice Rae Burke School Amber Ronai Cargill\* Clinical Daniela B. Colognori\* Clinical Angela Marie Curry School Denise M. Dreitlein School Ayorkor L. Gaba\* Clinical Graham Jeffrey Hartke School Nathan Vincent Hilton\* Clinical Patrick Jean-Pierre Organizational Monica Marianne Knopf Organizational Stephanie A. Lee School Laura J. Lokker Clinical Amanda Hope Martin\* Clinical Talia Miriam Master\* Clinical Dana Lorraine Millstein\* Clinical Paraskevi Noulas\* Clinical Erica R. Pass\* Clinical Damian Petino School Marissa E. Randazzo School Christopher Smith\* Clinical Robert N. Stroud Organizational Priyanka Upadhyaya\* Clinical Renee Marie Vieira Organizational Brian David Welch\* Clinical Aurelie Welterlin\* Clinical Svetlana Yedreshteyn Organizational Rose Antoinette Zayco\* Clinical

# Selected Faculty Honors

Listed below are some of the numerous prestigious awards received by Rutgers faculty members this year in recognition of their extraordinary achievements. The recipients have distinguished themselves in research and scholarly excellence, teaching, and public service on the local, national, and international levels.

- Eric Allender, Computer Science, School of Arts and Sciences 2006 Fellow, Association for Computing Machinery
- Eileen Appelbaum, Labor Studies and Employment Relations, School of Management and Labor Relations President's Award for Research in Service to New Jersey
- Edward V. Arnold, Center for Advanced Biotechnology and Medicine Fellow, American Academy of Microbiology
- Gail M. Ashley, Geological Sciences, School of Arts and Sciences Honorary Membership, Society of Sedimentary Geology, American Association of Petroleum Geologists
- Herman L. Bennett, History, School of Arts and Sciences Frederick Burkhardt Residential Fellowship for Recently Tenured Scholars, American Council of Learned Societies National Endowment for the Humanities Fellowship
- Joan W. Bennett, Plant Biology and Pathology, School of Environmental and Biological Sciences Alice C. Evans Award, American Society of Microbiology
- Karima E. Bennoune, School of Law-Newark 2006 Derrick A. Bell Jr. Award, Association of American Law Schools' Section on Minority Groups
- Helen M. Berman, Chemistry and Chemical Biology, School of Arts and Sciences *M.J. Buerger Award, American Crystallographic Association*
- Lee K. Blessing, Theater Arts, Mason Gross School of the Arts Steinberg/American Theatre Critics Association New Play Award
- József M. Böröcz, Sociology, School of Arts and Sciences 2006 Immanuel Wallerstein Chair of the World Systems Analysis Research Group
- Mary Bravo, Psychology, Faculty of Arts and Sciences–Camden Provost's Award for Teaching Excellence
- Sherri-Ann Butterfield, Sociology and Anthropology, Faculty of Arts and Sciences–Newark 2006–2007 Fellow, Social Science Research Council
- György Buzsáki, Center for Molecular and Behavioral Neuroscience Distinguished Lecturer in Neuroscience, University of Toronto
- Susan J. Carroll, Center for American Women and Politics, Eagleton Institute of Politics 2006 Outstanding Professional Achievement Award, Midwest Women's Caucus for Political Science
- Art Chaovalitwongse, Industrial and Systems Engineering, School of Engineering 2006 Faculty Early Career Development Award, National Science Foundation
- Manish Chhowalla, Materials Science and Engineering, School of Engineering Board of Trustees Research Fellowship for Scholarly Excellence

<b>Bruce B. Clarke,</b> Plant Biology and Pathology, School of Environmental and Biological Sciences Fellow, Crop Science Society of America, American Society of Agronomy-Soil Science Society of America-CSSA
Sang-Wook Cheong, Physics and Astronomy, School of Arts and Sciences Ho-Am Foundation Prize for Science
Paul Clemens, History, School of Arts and Sciences Warren I. Susman Award for Excellence in Teaching
Amy Cohen, Mathematics, School of Arts and Sciences Fellow, American Association for the Advancement of Science
Bernard D. Coleman, Mechanical and Materials Science, School of Engineering Engineering Science Medal, Society of Engineering Science
Dorothy Sue Cobble, Labor Studies and Employment Relations, School of Management and Labor Relations <i>Charles Warren Fellowship, Harvard University</i>
E. Roger Cowley, Physics, Faculty of Arts and Sciences–Camden Warren I. Susman Award for Excellence in Teaching
Warren Crown, Learning and Teaching, Graduate School of Education 2006 Max Sobel Outstanding Mathematics Educator Award, Association of Mathematics Teachers of New Jersey
Eric M. Davis, Political Science, School of Arts and Sciences 2007–2008 Carnegie Scholar, Carnegie Corporation of New York City 2005–2006 AAUP Outstanding Faculty Research Award
Belinda Edmondson, English, Faculty of Arts and Sciences-Newark Fellow, Society for the Humanities, Cornell University
Ahmed M. Elgammal, Computer Science, School of Arts and Sciences National Science Foundation Career Award
Maurice Elias, Psychology, School of Arts and Sciences Ernest E. McMahon Class of 1930 Award
<b>Douglas E. Eveleigh,</b> Biochemistry and Microbiology, School of Environmental and Biological Sciences <i>Waksman Award, Theobald Smith Society</i>
Kate Flint, English, School of Arts and Sciences Board of Trustees Award for Excellence in Research
Richard S. Falk, Mathematics, School of Arts and Sciences Daniel Gorenstein Memorial Award
<b>Charles R. Gallistel,</b> Psychology, School of Arts and Sciences; Rutgers University Center for Cognitive Science 2006 Howard Crosby Warren Medal for Outstanding Research in Psychology, Society of Experimental Psychologists
Rajiv Gandhi, Computer Science, Faculty of Arts and Sciences–Camden Provost's Award for Teaching Excellence
Lloyd C. Gardner, History, School of Arts and Sciences Award for Lifetime Achievement, American Historical Association

Patrick G. Gardner, Music, Mason Gross School of the Arts President's Award for Distinguished Service to the Arts Rochel Gelman, Psychology, School of Arts and Sciences; Rutgers University Center for Cognitive Science Member, National Academy of Sciences Distinguished Scientific Contributions to Child Development Award, Society for Research in Child Development

- J. Frederick Grassle, Director, Institute of Marine and Coastal Sciences Grand Prix des Sciences de la Mer Albert 1er de Monaco
- Michael R. Greenberg, Edward J. Bloustein School of Planning and Public Policy *Faculty Scholar-Teacher Award*
- Elizabeth A. Grosz, Women's and Gender Studies, School of Arts and Sciences Board of Trustees Award for Excellence in Research
- Jochen Hellbeck, History, School of Arts and Sciences Board of Trustees Research Fellowship for Scholarly Excellence
- Kimberly DaCosta Holton, Classical and Modern Languages and Literatures, Faculty of Arts and Sciences–Newark Faculty Scholar-Teacher Award Board of Trustees Research Fellowship for Scholarly Excellence
- Marc Holzer, School of Public Affairs and Administration Presidential Leadership Award, Conference of Minority Public Administrators
- Allan V. Horwitz, Sociology, School of Arts and Sciences Leonard W. Pearlin Award for Outstanding Lifetime Contributions to the Sociology of Mental Health, American Sociological Association
- David Hughes, Human Ecology, School of Environmental and Biological Sciences Board of Trustees Research Fellowship for Scholarly Excellence
- James W. Hughes, Dean, Edward J. Bloustein School of Planning and Public Policy President's Award for Distinguished Leadership in Planning Education, New Jersey Chapter of the American Planning Association
- Lev B. Ioffe, Physics and Astronomy, School of Arts and Sciences Fellow, American Physical Society
- Henryk Iwaniec, Mathematics, School of Arts and Sciences Member, National Academy of Sciences
- Temma Kaplan, History, School of Arts and Sciences Senior Fellow, American Council of Learned Societies
- Dennis V. Kent, Geological Sciences, School of Arts and Sciences 2006 European Geosciences Union Petrus Peregrinus Medal
- Jozef L. Kokini, Center for Advanced Food Technology; Food Science, School of Environmental and Biological Sciences *Fellow, International Academy of Food Science and Technology*
- Arthur J. Klinghoffer, Political Science, Faculty of Arts and Sciences–Camden Fulbright Scholar
- Joel L. Lebowitz, Mathematics, School of Arts and Sciences 2007 Max Planck Medal for Extraordinary Achievements in Theoretical Physics, German Physical Society
- Anant Madabhushi, Biomedical Engineering, School of Engineering Wallace H. Coulter Foundation Early Career Translation Research Award in Biomedical Engineering

William Meyer, Plant Biology and Pathology, School of Environmental and Biological Sciences 2007 Golf Course Superintendents Association of America's Distinguished Service Award

Gerald J. Miller, Public Administration, School of Public Affairs and Administration Fulbright Scholar

Gaetano T. Montelione, Center for Advanced Biotechnology and Medicine; Molecular Biology and Biochemistry, School of Arts and Sciences *Member, American Association for the Advancement of Science* 

Anton Nelessen, Edward J. Bloustein School of Planning and Public Policy President's Award for Distinguished Leadership in Planning, New Jersey Chapter of the American Planning Association

Thomas E. Nozkowski, Visual Arts, Mason Gross School of the Arts Award of Merit for Painting, American Academy of Arts and Letters

Angela O'Donnell, Educational Psychology, Graduate School of Education Faculty Scholar-Teacher Award

Elwin R. Orton, Plant Biology and Pathology, School of Environmental and Biological Sciences Luther Burbank Award, American Society for Horticultural Sciences

Imani Perry, School of Law–Camden Board of Trustees Research Fellowship for Scholarly Excellence

- Byron Price, School of Public Affairs and Administration Conference of Public Administrators Public Service Award
- Alan Prince, Linguistics, School of Arts and Sciences Board of Trustees Award for Excellence in Research
- Barry V. Qualls, English, School of Arts and Sciences New Jersey CASE Professor of the Year

Marlene Rankin, College of Nursing Warren I. Susman Award for Excellence in Teaching

- Peter A. Rona, Institute of Marine and Coastal Sciences Fellow, American Geophysical Union
- Norma Riccucci, School of Public Affairs and Administration Hatfield Scholar, Mark O. Hatfield School of Government, Portland State University

Dipak K. Sarkar, Animal Sciences, School of Environmental and Biological Sciences Gold Medal and Silver Medal for Significant Research Contributions in the Field of Physiological Sciences, Physiological Society of India

Manish Singh, Psychology, School of Arts and Sciences; Rutgers University Center for Cognitive Science Board of Trustees Research Fellowship for Scholarly Excellence

- Genese M. Sodikoff, Sociology and Anthropology, Faculty of Arts and Sciences–Newark Richard Carley Hunt Memorial Fellowship, Wenner-Gren Foundation for Anthropological Research
- Jacob S. Soll, History, Faculty of Arts and Sciences–Camden Fernand Braudel Senior Fellowship, European University Institute in Florence, Italy
- Evan Stark, School of Public Affairs and Administration New Jersey Coalition for Battered Women Award

Arlene Stein, Sociology, School of Arts and Sciences 2006 Simon and Gagnon Award for Career Contributions to Sexuality Studies, American Sociological Association
Lea P. Stewart, Communication, School of Communication, Information and Library Studies Board of Trustees Award for Excellence in Research
Stephen Stich, Philosophy, School of Arts and Sciences 2007 Jean Nicod Prize, Paris
Dorothy Strickland, Learning and Teaching, Graduate School of Education Alpha Kappa Alpha National Sorority Award for Outstanding Contributions to Education
Daniel Tanner, Educational Theory, Policy, and Administration, Graduate School of Education American Educational Research Association, Curriculum Studies Division, Lifetime Achievement Award
<b>G. Alan Tarr,</b> Director, Center for Constitutional Studies; Political Science, Faculty of Arts and Sciences–Camden <i>Rutgers College Class of 1962 Presidential Public Service Award</i>
Charlott Thomas-Hawkins, College of Nursing Northern New Jersey Black Nurses Association Nurse Researcher Award
Gail Triner, History, School of Arts and Sciences Fulbright Scholar
Robert Trivers, Anthropology, School of Arts and Sciences Royal Swedish Academy of Sciences 2007 Crafoord Prize in Biosciences
Keith A. Wailoo, History, School of Arts and Sciences Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford University
Stephen Westfall, Visual Arts, Mason Gross School of the Arts

Guggenheim Fellowship

Allen Woll, History, Faculty of Arts and Sciences–Camden Lindback Foundation Award for Distinguished Teaching



A stained glass window with the university's motto, "Sun of righteousness, shine upon the West also." Kirkpatrick Chapel, Old Queen's Campus.



# The University Seal

The university seal is the official imprimatur of Rutgers, The State University of New Jersey. As such, it appears on official documents, such as contracts and deeds, and, most notably, on the diplomas issued to graduates of the university.

The outer ring contains the name of the university. The inner ring includes the date of Rutgers' founding, 1766, as Queen's College, the eighth institution of higher learning established in the American colonies. The university's motto, "Sun of righteousness, shine upon the West also," appears in Latin in the inner ring, surrounding a stylized sunburst. The motto is an adaptation of the motto of the University of Utrecht in the Netherlands, connoting the original college's early affiliation with the Dutch Reformed Church. It is today interpreted as a request for the enlightenment of learning to shine equally upon the New World.



# The University Coat of Arms

The shield of the Rutgers coat of arms appears on the university gonfalon, which is borne by a faculty member at the head of all university processions.

The shield is quartered to represent in armorial bearings the founding and the growth of the 241-year-old university.

The first quarter (dexter, or right upper quarter of the shield as one would carry it) bears the arms of Nassau, the House of Orange, and recognizes the Dutch settlers who founded the college under the aegis of the Dutch Reformed Church.

The armorial devices in the upper sinister quarter are those of George III combined with Queen Charlotte's. George's arms represent his dominions of England, Scotland, and Ireland; and the two small escutcheons, centered, his ancestral right to bear the arms of Brunswick and Saxony. The crest on the dexter small escutcheon is the Crown of Charlemagne, which George III as Treasurer of the Holy Roman Empire was entitled to show. It was George III who granted the Charter of 1766 to Queen's College, named in honor of Charlotte of Mecklenburg, King George's consort.

The arms shown on the sinister half of this quarter are Queen Charlotte's and represent the German states ruled by the House of Mecklenburg.

The third quarter, dexter, is the emblem from the Great Seal of the State of New Jersey, which Rutgers as the state university is entitled to show. Fittingly, the plows depicted also symbolize Rutgers' designation as one of the original land-grant colleges.

The fourth quarter, sinister, is the coat of arms of Colonel Henry Rutgers, an early benefactor of what was then known as Queen's College. Colonel Rutgers was a descendant of Rutger Van Schoenderwoerdt, who settled in New York in the seventeenth century. The family name was changed to Rutgers in 1636. The name of the college was changed in 1825 to honor Colonel Rutgers, trustee and benefactor.

# The Academic Costume

The wearing of academic dress dates back to the early days of the oldest universities in the world. In the American Council on Education's book entitled *American Universities and Colleges*, it is suggested that "Gowns may have been counted necessary for warmth in the unheated buildings frequented by medieval scholars. Hoods seem to

have served to cover the tonsured head. . . . "

Throughout the years, European universities have continued to show great diversity in their academic dress. American universities, on the other hand, when they decided to adopt academic dress, immediately established a code of regulations that today is followed by almost all American institutions. The establishment of this code has made it possible to distinguish the bachelors, masters, and doctors and, at the same time, recognize the university that has given them the degree.

**Gowns:** The bachelor's gown has pointed sleeves and is worn closed. The master's gown, worn open or closed, has oblong sleeves, the front part of which frequently is cut away at the elbow. The doctor's gown has bell-shaped sleeves. It is worn open or closed. Cotton poplin or similar material is used for the bachelor's and master's degrees, and rayon or silk ribbed material is used for the doctor's degree.

At Rutgers, members of the Board of Governors and Board of Trustees, as well as those who hold a doctoral degree from the university, wear the Rutgers gown, which is scarlet with black velvet front panels framed on the outer edge with gold cord braid. The velvet panels are embroidered with a crown and the year 1766 at the neck, signifying the

university's founding as one of the original colonial colleges under King George III of England.

Hoods: The hoods vary in size: 48 inches for the doctor's degree, 42 inches for the master's, and 36 inches for the bachelor's. All hoods are lined in silk in the academic color or colors of the institution conferring the degree. If the institution has more than one color, the colors are shown in divisions using chevrons. The binding or edge of the hood is usually made of velvet in the color designating the subject in which the degree was granted.

The Rutgers presidential gown.

Below is a list of some of the faculty colors as prescribed by the Intercollegiate Code for the binding of the hood:

Law / Purple Agriculture / Maize Library Service / Lemon Arts, Letters, Humanities / White Business Administration, Commerce / Drab Medicine / Green City and Regional Planning / Brown Music / Pink Communication and Information Nursing / Apricot Studies / Gray Oratory-Speech / Silver Gray Economics / Copper Pharmacy / Olive Green Education / Light Blue Philosophy / Blue Physical Education / Sage Green Engineering / Orange Fine Arts, Architecture / Brown Public Administration / Peacock Blue Human Resources Management / Dusk Science / Golden Yellow Journalism / Dark Crimson Social Service / Citron Labor and Employment Relations / Peacock Blue Theology and Divinity / Scarlet

The color or colors of the lining of the hood for the nine colonial colleges are: scarlet, Rutgers; crimson, Harvard; green-gold-silver, William and Mary; blue, Yale; red-blue, Pennsylvania; orange-black, Princeton; light blue-white, Columbia; brown, Brown; and green-white, Dartmouth.

**Caps:** Black mortarboards or soft hats are worn for all degrees. The gold tassel signifies a doctoral degree.

### The University Mace

The university mace, an ornamental staff symbolizing the authority of the president, is borne before the president in academic processions by the secretary of the university.

The design of the Rutgers mace incorporates signs of the institution's traditions and present status as New Jersey's state university. The head of the mace bears the university's coat of arms and its seal worked in colored enamel and gold on silver, all surmounted by a facsimile of the crown of Queen Charlotte, for whom the university was originally named "Queen's." The long shaft is made of stained wood and silver on which are engraved intertwining ivy leaves, symbolizing learning; red oak leaves, representing New Jersey's state tree; and violets, the state flower.

# On the Banks of the Old Raritan

My father sent me to old Rutgers, And resolv'd that I should be a man; And so I settled down, in that noisy college town, On the banks of the old Raritan.

Then sing aloud to *alma mater*, And keep the Scarlet in the van; For with our motto high, Rutgers' name shall never die On the banks of the old Raritan.

From New Jersey's northern lakes and mountains, To our southern pines and gleaming shore; Learning's fair and hallowed place, joins us, every creed and race, And we praise the name of Rutgers evermore.

#### Chorus:

On the banks of the old Raritan, my friends, Where old Rutgers evermore shall stand; For has she not stood since the time of the flood, On the banks of the old Raritan.



Following the Alma Mater, members of the audience are requested to resume their seats and to remain seated until the recessional has concluded.

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