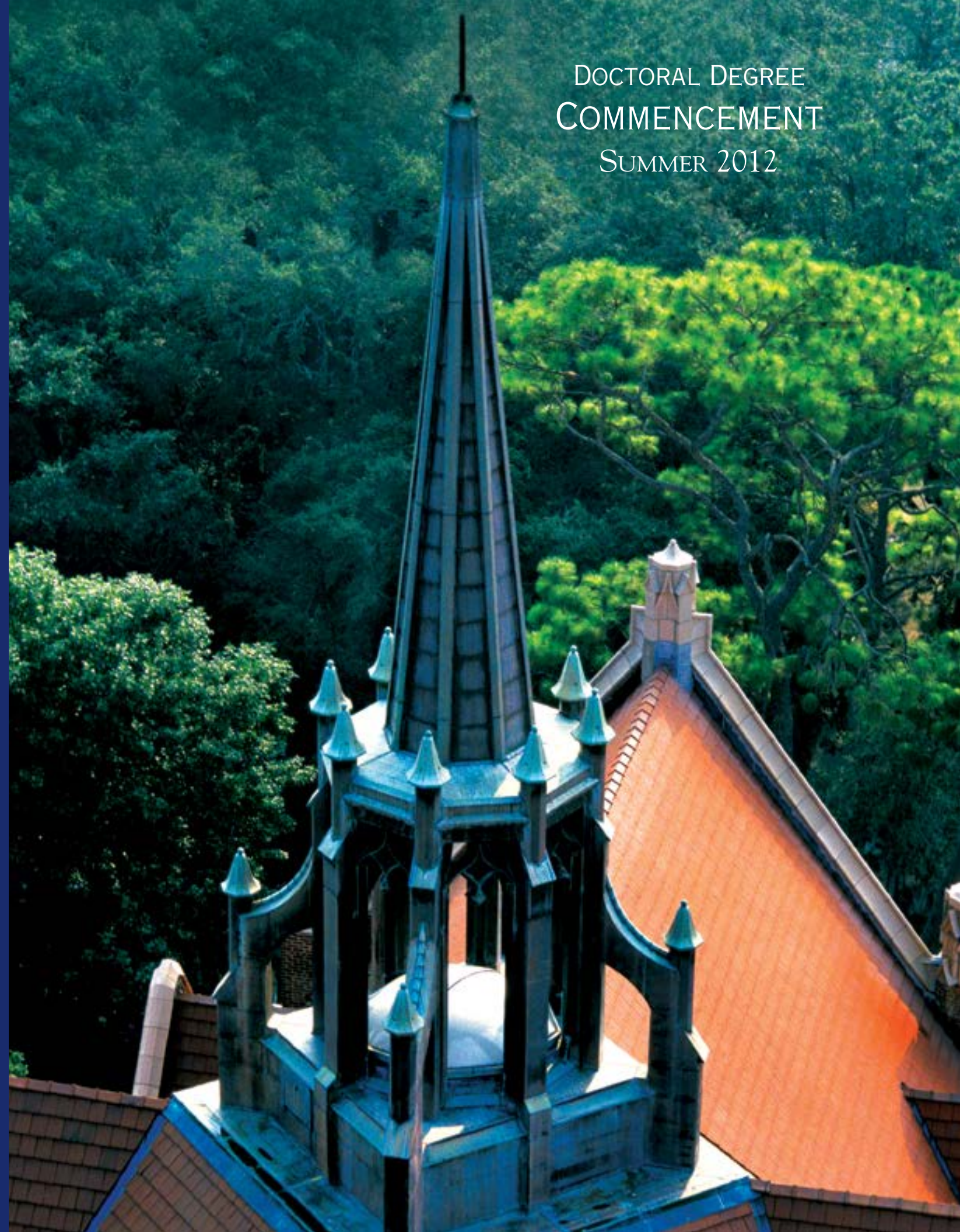


# Commencement

**UF** | UNIVERSITY of  
**FLORIDA**  
*The Foundation for The Gator Nation*

DOCTORAL DEGREE  
COMMENCEMENT  
SUMMER 2012



**Dr. J. Bernard Machen**

Bernie Machen was appointed Florida's 11<sup>th</sup> president in January, 2004. During his tenure, he has expanded the university's research and scholarship endeavors, elevated its educational programs and increased access to students from a diversity of economic backgrounds – all while shepherding the university through an era of growing financial challenges.

Under President Machen's leadership, UF's annual research funding has soared to \$678 million. He has presided over a major expansion of research facilities, grown UF's noted technology commercialization enterprise, and led the Florida Tomorrow capital campaign, a five-year effort that is nearing its goal of \$1.5 billion by 2012.

A longtime advocate for giving students from all walks of life the chance to attend college, Dr. Machen in 2005 pioneered the Florida Opportunity Scholars program, which pays tuition and room and board for students from disadvantaged backgrounds. Nearly 2,000 students have attended UF as recipients of the scholarship.

Like other universities nationwide, UF has faced several years of declining state support. Dr. Machen has led Florida's 11 public universities' response to these declines, successfully advocating lawmakers to step up statewide tuition increases while allowing universities greater flexibility in setting their own tuition. President Machen also launched a university-wide sustainability campaign considered a model in public higher education.

Prior to his appointment at UF, Dr. Machen served for six years as president of the University of Utah. His previous positions



include provost and executive vice president for academic affairs at the University of Michigan; dean of dentistry at the University of Michigan and associate dean at the University of North Carolina School of Dentistry.

A member of the Florida Council of 100, he has held several prominent positions in statewide and national higher education leadership – including as a member of the National Security Higher Education Advisory Board and the Board of Directors for the 2002 Winter Olympics in Salt Lake City. He earned his doctor of dental surgery from St. Louis University and doctorate in educational psychology from the University of Iowa, both of which have honored him with distinguished alumnus awards.

He and his wife, Chris, a former nurse who has been heavily involved in the university's environmental initiatives, have three children and four grandchildren.



*O*n behalf of the University of Florida administration, faculty and staff, I want to extend my heartfelt congratulations to you, the doctoral graduates of the Class of 2012, and to your family and friends.

At the University of Florida, doctoral education is our spirit and our soul. It is who we are as a university, and has been since UF graduated its first doctoral students in 1934. Today's ceremony celebrates your hard work and achievement in continuing this historic legacy. You should be proud, as should all who supported and assisted you in your efforts.

Today is a day of celebration, but it is also a day of reflection on what lies ahead. Whatever path you choose, I am confident you have acquired the skills and knowledge you need to be a success. Whether you pursue a career in public service, private industry, academe, the sciences or the arts, I know you will make a difference.

It has been a privilege and a pleasure to host you during your academic career. You have learned much, and this university has benefited in turn from your presence. I hope you will recall your years here with a sense that they were happy and productive. As members of UF's distinguished alumni, and as graduates who have earned our highest degrees, you will always be cherished at the University of Florida.

Good luck and best wishes!

A handwritten signature in black ink that reads "J. Bernard Machen". The signature is written in a cursive, flowing style.

J. Bernard Machen

# The University of Florida

The University of Florida traces its origins to a small seminary in 1853. After the Civil War, the seminary was moved to Gainesville. It was consolidated with the state's land-grant Florida Agricultural College, then in Lake City, to become the University of Florida in 1906. Until 1947, UF was designated for men and was one of only three state universities. Today, with nearly 50,000 students, the University of Florida is among the most populous universities in the nation.

UF, one of the largest of Florida's 11 state universities, is governed by the State Board of Education, the Florida Board of Governors and the University of Florida Board of Trustees.

The University of Florida joined the ranks of North America's best graduate research institutions with its admission in 1985 to the Association of American Universities, the most prestigious organization in higher education. The university also has been recognized by the

Carnegie Commission on Higher Education as one of the nation's leading research universities.

The University of Florida encompasses 16 colleges, five schools and more than 100 interdisciplinary research and education centers, bureaus and institutes. Students can choose majors from 100 undergraduate degree programs, approximately 200 graduate programs and 30 combined degree programs. Professional postbaccalaureate degrees are offered in dentistry, law, medicine, nursing, pharmacy, physical therapy and veterinary medicine. More than 32,000 people participate annually in noncredit courses, conferences, workshops, institutes and seminars.

The university employs more than 4,000 faculty members and approximately 7,500 administrative, professional and support staff. With operations in more than 900 buildings on 2,000 acres, the university has research centers, extension operations, clinics and/or other facilities and affiliates in every county in Florida.

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*Faculty Senate Chair*  
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**J. Bernard Machen, D.D.S., M.S., Ph.D.**  
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*Vice President - University Relations*

**Jamie Lewis Keith, J.D.**  
*Vice President - General Counsel*

**Joseph Glover, Ph.D.**  
*Provost and Senior Vice President - Academic Affairs*

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*Vice President and Chief Information Officer - Customer Technology Services*

**David Kratzer, M.S.**  
*Vice President - Student Affairs*

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*Senior Vice President - Health Affairs*

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*Vice President and Chief Financial Officer - University Bursar*

**David Norton, Ph.D.**  
*Vice President - Research*

**Winfred M. Phillips, D.Sc.**  
*Senior Vice President and Chief Operating Officer - Administration*

**Paula Varnes Fussell, M.B.A.**  
*Vice President - Human Resource Services*

**Curtis Reynolds, M.B.A., M.S.E.E.**  
*Vice President - Business Affairs*

## DEANS OF THE UNIVERSITY

**Teresa C. Balsler, Ph.D.**  
*College of Agricultural and Life Sciences*

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*Graduate School*

**Michael L. Good, M.D.**  
*College of Medicine*

**John Kraft, Ph.D.**  
*Warrington College of Business Administration*

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*College of Health and Human Performance*

**Kathleen Ann Long, Ph.D.**  
*College of Nursing*

**Teresa A. Dolan, D.D.S.**  
*College of Dentistry*

**Millie Ferrer-Chancy, Ph.D.**  
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**William H. Riffée, Ph.D.**  
*College of Pharmacy*

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*College of Design, Construction and Planning*

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**Michael G. Perri, Ph.D.**  
*College of Public Health and Health Professions*

**Glenn E. Good, Ph.D.**  
*College of Education*

**David J. Sammons, Ph.D.**  
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*College of Veterinary Medicine*

**Cammy R. Abernathy, Ph.D.**  
*College of Engineering*

**John W. Wright II, Ph.D.**  
*College of Journalism and Communications*

**Judith C. Russell, M.S.**  
*University Libraries*

**Lucinda Lavelli, M.E.A.**  
*College of Fine Arts*

**Robert Jerry, J.D.**  
*Fredric G. Levin College of Law*

**Jen Day Shaw, Ph.D.**  
*Dean of Students*

**Paul J. D'Anieri, Ph.D.**  
*College of Liberal Arts and Sciences*

**UF**

2012 SUMMER  
COMMENCEMENT

**UF**

2012 SUMMER  
COMMENCEMENT

PHOTOGRAPHS – The university requests that all commencement guests remain in their seats while taking photographs; no guests are permitted in the graduates' seating area. Photographs of the graduates as they cross the stage are available through companies that have contracts with the university. Color photographs are available from University Photography, PO Box 2454, Tuscaloosa, AL 35403-2454, 205-391-9500.

## Commencement Marshals

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### Chief Marshal

Ronald Spitznagel, Ed.D.

### Associate Chief Marshals

M. Harry Daniels, Ph.D.

F. Leslie Smith, Ph.D.

### Marshals At-Large

Edmund A. Kellerman, Ph.D.

Diana K. Nagy, M.A.M.C.

Theresa B. Vernetson, Ed.D.

Angela R. Lindner, Ph.D.

Kathryn R. Williams, Ph.D.

## MARSHALS FOR EACH COLLEGE

**Agricultural and Life Sciences:** Jerry Bennett, Ph.D.; Jeff Burkhardt, Ph.D.; Susan Cameron Devitt, Ph.D.; Jerry Culen, Ph.D.; Gail Kauwell, Ph.D.; Kelly Monaghan, M.S.; Andrew Ogram, Ph.D.; William Pine, Ph.D.; Sandra TenBroeck, Ph.D.

**Business Administration:** Farid AitSahlia, Ph.D.; Henry Anderson, B.S.; Sarah Hamersma, Ph.D.; Patrick Thompson, Ph.D.

**Design, Construction and Planning:** Steve Belton, M. of Architecture; Kathryn Frank, Ph.D.; Mary Padua, M.A.; Russell Walters, Ph.D.

**Education:** Maria Coady, Ph.D.; Suzanne Colvin, Ph.D.; Pilar Mendoza, Ph.D.; Stephanie Smith, Ph.D.; Kelly Whalon, Ph.D.

**Engineering:** Jennifer Andrew, Ph.D.; Treavor Boyer, Ph.D.; Bin Gao, Ph.D.; Garrett Hoflund, Ph.D.; Mrinal Kumar, Ph.D.; Guanghui Lan, Ph.D.; Fazil T. Najafi, Ph.D.; Eric Schwartz, Ph.D.; Hans VanOostrom, Ph.D.; Daisy Zhe Wang, Ph.D.

**Fine Arts:** Angelos Barmpoutis, Ph.D.; Stacey Galloway, M.F.A.; Sean Miller, M.A.; Scott Wilson, M.F.A.

**Health and Human Performance:** Josie Ahlgren, Ph.D.; Adam Barry, Ph.D.; Trevor Bopp, Ph.D.; Yong Jae Ko, Ph.D.

**Journalism and Communications:** Amy Belanger, A.A.; Jeremy Clark, B.S.; Jody Hedge; Sue Wagner, B.S.

**Liberal Arts and Sciences:** Sharon Austin, Ph.D.; Karen Bjorndal, Ph.D.; Eric Ford, Ph.D.; Terry Harpol, Ph.D.; Peter Hirschfeld, Ph.D.; Connie Mulligan, Ph.D.; Michael Perfit, Ph.D.; Jennifer Ann Rea, Ph.D.; Manuel Vasquez, Ph.D.; Kathryn R. Williams, Ph.D.

**Medicine:** Ed Chan, Ph.D.; Christiaan Leeuwenburgh, Ph.D.; Sara Jo Nixon, Ph.D.; Shannon Wallet, Ph.D.; Lei Zhou, Ph.D.

**Nursing:** Sandra Citty, Ph.D.; Jennifer Donelan, M.S.N.; Sandra Knapp, Ph.D.; Amber Logan, M.S.N.

**Pharmacy:** Katie Anderson, Pharm.D.; Dorette Ellis, Ph.D.; Michael Meldrum, Ph.D.; Thomas Munyer, M.S.

**Public Health and Health Professions:** Linda Cottler, Ph.D.; Emily Pugh, M.A.; Dorian Rose, P.T., Ph.D.; Tara Sabo-Atwood, Ph.D.

**Public Health and Health Professions/Audiology:** Lori Altmann, Ph.D.; Kenneth Logan, Ph.D., C.C.C.-S.L.P.; Stephanie Matthews, AuD.

**Veterinary Medicine:** Iske Larkin, Ph.D.; Roger Reep, Ph.D.; Thomas Wronski, Ph.D.

### COMMENCEMENT PLANNING COMMITTEE

Chairman Ronald Spitznagel, Ed.D.; Florida Bridgewater-Alford, B.S.; Jason Byrd, Ph.D.; Mary Kay Carodine, Ph.D.; M. Harry Daniels, Ph.D.; Lucinda DiLeo, M.B.A.; Bernard Mair, Ph.D.; Stephen J. Pritz Jr., B.S.; Lynda Reinhart, M.S.; F. Leslie Smith, Ph.D.; Donna Stricker, B.S.; Jay Watkins, M.M.E.; Students: Angela Ardian, Nicole Brakovich, David Devinney



# Commencement Ceremonies

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**Friday, August 10, 4:00 p.m.**

**Doctoral Degrees - Universitywide  
(Ph.D., Ed.D., Au.D., D.P.M., D.N.P., and D.P.T. degrees)**

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**Stephen C. O'Connell Center**

Candidates assemble at 2:30 p.m.  
Processional begins at 3:30 p.m.  
Ceremony begins at 4:00 p.m.

**Saturday, August 11, 10:00 a.m.**

**Masters/Specialist/Bachelor Degrees - Universitywide**

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**Stephen C. O'Connell Center**

Candidates assemble at 8:30 a.m.  
Processional begins at 9:30 a.m.  
Ceremony begins at 10:00 a.m.

College of Agricultural and Life Sciences

School of Natural Resources and Environment

Warrington College of Business Administration

Fisher School of Accounting

Heavener School of Business

College of Design, Construction and Planning

M. E. Rinker, Sr. School of Building Construction

College of Education

College of Engineering

College of Fine Arts

College of Health and Human Performance

College of Journalism and Communications

College of Liberal Arts and Sciences

College of Medicine

College of Nursing

College of Public Health and Health Professions

**Saturday, August 11, 10:00 a.m.**

**College of Pharmacy Ceremony**

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Health Professions, Nursing, Pharmacy (HPNP) Auditorium  
Doctor of Pharmacy and Masters candidates

# Commencement Agenda – August 10, 2012, 4:00 p.m.

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Presiding ..... J. Bernard Machen  
*President*

Processional..... Gainesville Brass Quintet

National Anthem..... Ronald Burrichter  
*Gainesville Brass Quintet*

Welcome and Introductions.....J. Bernard Machen

Awarding of Honorary Degree ..... J. Bernard Machen  
Presented by ..... Joseph Glover  
*Provost and Senior Vice President for Academic Affairs*

Presented to ..... Robert R. Lindgren  
*Virginia*

Commencement Address ..... Robert R. Lindgren  
*President, Randolph-Macon College*

Presenting Candidates for Doctoral Degrees ..... Kenneth Gerhardt  
*Senior Associate Dean, Graduate School*

Conferring of Doctoral Degrees ..... Alan Levine  
*Member, UF Board of Trustees*

Alma Mater ..... Ronald Burrichter  
*Gainesville Brass Quintet*

Recessional..... Gainesville Brass Quintet

Postlude ..... Gainesville Brass Quintet



The pre-commencement movies titled "Dream Machine" and "Voyage to Tomorrow" were created by the staff and students of the UF Digital Worlds Institute with original music by resident composer James Oliverio. For more information on these movies, which are available on DVD, please visit the institute's website at [www.digitalworlds.ufl.edu](http://www.digitalworlds.ufl.edu).

DVD recordings of each commencement ceremony are available for purchase at [www.ufdvd.com](http://www.ufdvd.com)



## *Honorary Degree Award - Doctor of Education*

### Robert R. Lindgren

University of Florida alumnus Robert R. Lindgren is the recipient of an Honorary Doctorate of Education degree for his leadership in higher education administration.

Mr. Lindgren has been the president of Randolph-Macon College in Ashland, Va., since 2006. Randolph-Macon has celebrated its largest graduation in history; applications for the college have more than doubled; and total enrollment has hit record numbers since he began. He also is recognized as “the student’s president” because of his dedication to young scholars.

In 1976, he graduated from UF with a bachelor’s degree in business administration. He received his master of philosophy degree in management studies at the University of Oxford in 1978 before returning to UF for his law degree in 1981.

After graduating, he worked at UF from 1979 to 1994 in various positions. His last six years were spent as the vice president for development and alumni affairs, where he organized and directed the second-largest campaign for a public university in America at the time.

Mr. Lindgren then moved to the Johns Hopkins Institutions in Baltimore as vice president for development and alumni affairs. He led back-to-back campaigns that raised \$1.52 billion and \$1.84 billion, respectively. Johns Hopkins became one of only four institutions to have raised more than \$300 million in six consecutive years. This helped him earn a reputation as one of the nation’s leaders in the fields of development and alumni relations.



He serves on an extensive list of boards and councils, including the Greater Richmond Chamber of Commerce, the Virginia Foundation for Independent Colleges, and the Council for Advancement and Support of Education, known as CASE. He also was appointed by Virginia Gov. Robert McDonnell to represent private institutions of higher education to the Governor’s Commission on Higher Education Reform, Innovation and Investment in 2010.

“He has worked diligently and selflessly, not only on this particular commission but throughout his professional life to improve, study and contribute to the advancement of higher education,” Gov. McDonnell wrote in his letter of support.

A native of Muskegon, Mich., Mr. Lindgren and his wife, Cheryl, now live in Ashland with their three children.



## UF Graduate School

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The reputation of a research university is, in large part, measured by the excellence of its graduate faculty and graduate students. The University of Florida's graduate faculty and graduate students help to push the boundaries of research, develop the technologies of the future, improve the health of our citizenry, reshape our social and economic culture, expand scholarship, and create beauty in many forms.



### Doctor of Philosophy

The Doctor of Philosophy degree was established in the late 19<sup>th</sup> century as the highest earned degree in American graduate schools. This degree program, which stresses competence in research, awards the credential most commonly held by college professors and researchers. Although requirements of the doctorate vary from one institution to another, certain prerequisites are typical: coursework, a qualifying examination, an approved dissertation and a final examination. Doctoral students work closely with a major professor who serves as an advisor, mentor, critic, confidant and promoter.

### Doctor of Education

The Doctor of Education degree was introduced at the University of Florida in the mid-1940s. This degree is conferred in recognition of the development of sound scholarship in professional education and closely related fields, and demonstrated ability to apply that knowledge as an administrator, supervisor or teacher. Requirements vary by discipline but generally include coursework, a qualifying examination, the completion of a dissertation and final examinations. Students are mentored by a major professor and supported by a supervisory committee comprising members of the graduate faculty.

### Doctor of Audiology

The Doctor of Audiology degree was first awarded to students at the University of Florida in 2000. This degree is the highest university award given in this field in recognition of completion of academic preparation for the clinical practice of audiology. The degree requires four years of study beyond the bachelor's degree, including academic coursework, supervised clinical experiences, yearly academic and clinical evaluation by the faculty, and a final examination.

### Doctor of Plant Medicine

The Doctor of Plant Medicine degree was established at the University of Florida in 1999 to provide all segments of agriculture with rapid, accurate and scientifically sound diagnoses and management strategies for all types of plant health problems. This multidisciplinary program consists of courses and practical training in all relevant departments. Students are trained in the science, practice and business of the profession of plant medicine and complete coursework and written and oral comprehensive examinations.

### Doctor of Physical Therapy

The Doctor of Physical Therapy degree is a professional doctoral program that prepares graduates to become entry-level physical therapists and was established at the University of Florida in 2005. The degree requires three years of coursework and clinical practicum beyond the bachelor's degree. Completion of the program enables graduates to sit for the licensure examination to practice physical therapy.

## GRADUATE SCHOOL

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HENRY T. FRIERSON, ASSOCIATE VICE PRESIDENT AND DEAN OF THE GRADUATE SCHOOL

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### DOCTOR OF PHILOSOPHY

---

- Saeed Abbasi Moghaddam, Bachelor of Science, 2003, Amirkabir University of Technology—Iran; Master of Science, 2006, Iran University of Science and Technology  
Major: *Computer Engineering*  
Dissertation: Data-Driven Multi-Dimensional Analysis and Modeling of Mobile Online Activities and Traffic with Applications in Simulation and Networking Services Design  
Dissertation Chairperson: A. H. Helmy  
Dissertation Cochairperson: S. Ranka
- Luciano Absalonsen, Titulo de Oceanologo, 2004, Mestre em Geociencias, 2006, Fundacao Universidade Federal do Rio Grande—Brazil  
Major: *Coastal and Oceanographic Engineering*  
Dissertation: Sand Bars Behavior: Observation and Modeling  
Dissertation Chairperson: R. G. Dean
- Subodh Acharya, Bachelor of Science in Engineering, 2004, Tribhuvan University—Nepal; Master of Science, 2008, University of Florida  
Major: *Soil and Water Science*  
Minor: *Agricultural and Biological Engineering*  
Dissertation: New Analytical Expression for Drainable and Fillable Porosity in Shallow Unconfined Aquifers  
Dissertation Chairperson: R. S. Mylavarapu
- Antonio Guillermo Acosta III, Bachelor of Science in Electrical Engineering, 2005, Georgia Institute of Technology; Master of Science, 2009, University of Florida  
Major: *Electrical and Computer Engineering*  
Dissertation: Investigation of Stress Effects on Ferroelectric Capacitors for Performance Enhancement of Ferroelectric Random Access Memory  
Dissertation Chairperson: T. Nishida
- Kofi Adu-Brempong, Bachelor of Arts honours, 1999, Kwame Nkrumah University of Science and Technology—Ghana; Master of Arts in Geography, 2007, University of Toledo at Main Campus—Ohio  
Major: *Geography*  
Minor: *Urban and Regional Planning*  
Dissertation: Urban Economies and Globalization: Exploring Externally-Induced Urban Expansion and Impact on Peri-Urban Land in Accra, Ghana  
Dissertation Chairperson: T. J. Fik
- Yong Nam Ahn, Bachelor of Science, 2007, Seoul National University—South Korea  
Major: *Chemical Engineering*  
Dissertation: Development of Stochastic Models for Dynamics of Self-Assembled Surfactant Systems  
Dissertation Chairperson: D. I. Kopelevich
- Erin Nicole Alava, Bachelor of Science in Agriculture, 2006, Ohio State University; Master of Science, 2008, University of Florida  
Major: *Animal Sciences*  
Dissertation: Effects of Dried Distillers Grain as a Supplement to Round Bale Silage-Based Subtropical Forage Diets  
Dissertation Chairperson: M. J. Hersom  
Dissertation Cochairperson: J. V. Yelich



Abdullah Almutairi, Bachelor of Computer Engineering, 2003, Kuwait University; Master of Science in Computer Science, 2005, University of Southern California  
Major: *Computer Engineering*  
Dissertation: Efficient Algorithms for Learning Correlations in Large-Scale Wireless Data  
Dissertation Chairperson: S. Ranka

Fotouh Al-Ragom, Bachelor of Mechanical Engineering, 1990, Kuwait University; Master of Science in Mechanical Engineering, 1995, Northeastern University—Massachusetts; Master of Science, 2009, University of Florida  
Major: *Mechanical Engineering*  
Dissertation: Reactivity of Iron Powder Fluidized Bed for Solar Hydrogen Production  
Dissertation Chairperson: S. A. Sherif  
Dissertation Cochairperson: J. F. Klausner

Adel Alsaffar, Bachelor of Science in Civil Engineering, 1999, Bachelor of Science in Architecture Engineering, 1999, University of Miami—Florida; Master of Science in Building Construction, 2006, Master of Science, 2008, University of Florida  
Major: *Design, Construction, and Planning*  
Dissertation: Structural Behavior of Lightweight Concrete Wall Panels in Tilt-Up Construction  
Dissertation Chairperson: N. O. Nawari  
Dissertation Cochairperson: L. C. Muszynski

Rachel Andre Glenn, Bachelor of Science in Psychology, 2005, Howard University—District of Columbia; Master of Science, 2007, University of Florida  
Major: *Psychology—Clinical and Health Psychology*  
Dissertation: Race, Rurality, and Lifestyle Communication for Diet and Exercise in Primary Care  
Dissertation Chairperson: M. G. Perri

Michael Ladipo Edmundson Asgill, Bachelor of Science in Mechanical Engineering *magna cum laude*, 2008, Master of Science, 2009, University of Florida  
Major: *Mechanical Engineering*  
Dissertation: The Role of Plasma-Particle Interactions in Quantitative LIBS Analysis of Aerosols  
Dissertation Chairperson: D. W. Hahn

Adrienne Sarise Baggs, Bachelor of Science in Psychology *cum laude*, 2004, Florida State University; Master of Education, 2008, Specialist in Education, 2008, University of Florida  
Major: *Mental Health Counseling*  
Dissertation: We Are the Other: Understanding Self-Forgiveness Among Female Ex-Offenders  
Dissertation Chairperson: S. C. Echevarria-Doan

Wei Bai, Bachelor of Engineering, 2007, Jinan University—China; Master of Science, 2010, Master of Engineering, 2010, University of Florida  
Major: *Environmental Engineering Sciences*  
Dissertation: Transparent Photocatalytic Antimicrobial Coatings  
Dissertation Chairperson: B. L. Koopman  
Dissertation Cochairperson: B. M. Moudgil

Matthew Brandon Baker, Bachelor of Science in Physics, 2006, Clemson University—South Carolina  
Major: *Chemistry*  
Dissertation: Molecular Multifunctionalization via Electronically Coupled Lactones  
Dissertation Chairperson: R. K. Castellano

Shibdas Bandyopadhyay, Bachelor of Engineering, 2004, West Bengal University of Technology—India; Master of Technology, 2006, Indian Statistical Institute  
Major: *Computer Engineering*  
Dissertation: Parallel Sorting and Motif Search  
Dissertation Chairperson: S. Sahni

Kanad Basu, Bachelor of Engineering, 2007, Jadavpur University—India; Master of Science, 2012, University of Florida  
Major: *Computer Engineering*  
Dissertation: Efficient Observability Enhancement Techniques for Post-Silicon Validation and Debug  
Dissertation Chairperson: P. Mishra

Harsimran Singh Baweja, Bachelor of Physiotherapy, 2005, Sardar Patel University—India  
Major: *Health and Human Performance*  
Dissertation: Amount of Visual Feedback and Movement Control and Learning in Older Adults  
Dissertation Chairperson: E. A. Christou

Mehmet Onur Baykan, Bachelor of Science, 2007, Middle East Technical University—Turkey; Master of Science, 2009, University of Florida  
Major: *Electrical and Computer Engineering*  
Dissertation: Strain Effects in Low-Dimensional Silicon MOS and AlGaIn/GaN HEMT Devices  
Dissertation Chairperson: T. Nishida  
Dissertation Cochairperson: S. Thompson

Lucas Kyle Beagle, Bachelor of Science in Biological Sciences, 2005, Wright State University at Main Campus—Ohio; Master of Science in Chemistry, 2008, Youngstown State University—Ohio  
Major: *Chemistry*  
Dissertation: Innovative Strategies for the Synthesis of Heterocycles of Potential Interest in Medicinal Chemistry  
Dissertation Chairperson: A. R. Katritzky

Behnam Behdani, Bachelor of Industrial Engineering, 2005, Master of Science in Industrial Engineering, 2007, Sharif University of Technology—Iran; Master of Science, 2010, University of Florida  
Major: *Industrial and Systems Engineering*  
Dissertation: Discrete and Geometric Approaches to Lifetime Maximization in Wireless Sensor Networks  
Dissertation Chairperson: J. Smith

Stacey-Ann Yanique Benjamin, Bachelor of Arts in Chemistry, 2006, Wesleyan College—Georgia; Master of Science, 2011, University of Florida  
Major: *Chemistry*  
Dissertation: Membrane Binding and Lipid Extraction Studies of the GM2 Activator Protein  
Dissertation Chairperson: G. E. Fanucci

Brandon Louis Bertolucci, Bachelor of Science in Mechanical Engineering, 2005, Oregon State University; Master of Science, 2008, University of Florida  
Major: *Aerospace Engineering*  
Dissertation: An Experimental Investigation of the Grazing Flow Impedance Duct at the University of Florida for Acoustic Liner Applications  
Dissertation Chairperson: L. N. Cattafesta III  
Dissertation Cochairperson: M. Sheplak

Lori Ann Bilello, Bachelor of Health Science in Medical Technology, 1981, Master of Health Science, 1987, Master of Business Administration, 1987, University of Florida  
Major: *Health Services Research*  
Dissertation: Assessing the Implementation of Health Information Technology in Florida Hospitals: Process and Impact  
Dissertation Chairperson: R. P. Duncan  
Dissertation Cochairperson: C. A. Harle

Jeffrey Breier Boissoneault, Bachelor of Arts in Biology, 2007, New College of Florida  
Major: *Medical Sciences—Neuroscience*  
Dissertation: Neurophysiological Correlates of Moderate Alcohol Use in Older Adults  
Dissertation Chairperson: S. J. Nixon

Karlie Plaisance Bonstaff, Bachelor of Science in Biological Sciences, 2006, Louisiana State University and A&M College  
Major: *Medical Sciences—Genetics*  
Dissertation: Analysis of Kaposi's Sarcoma-Associated Herpesvirus Mirnas' Role in the Maintenance of Viral Latency  
Dissertation Chairperson: R. Renne

Cem Boyaci, Bachelor of Science, 2005, Bilkent University—Turkey; Master of Science, 2011, University of Florida  
Major: *Computer Engineering*  
Dissertation: Complexity and Delay Characterization of Wireless Scheduling Algorithms  
Dissertation Chairperson: Y. Xia  
Dissertation Cochairperson: A. Ungor

Mollie Elizabeth Brooks, Bachelor of Science in Mathematics, 2004, University of Pittsburgh—Pennsylvania

Major: *Zoology*

Dissertation: Four Permutations of Growth, Reproduction, and Survival

Dissertation Chairperson: B. M. Bolker

Dissertation Cochairperson: M. C. Christman

Cameron Jeffrey Browne, Bachelor of Science *cum laude*, 2007, Master of Science, 2011, University of Florida

Major: *Mathematics*

Dissertation: Two Extensions of a Classical Within-Host Virus Model

Dissertation Chairperson: S. Pilyugin

Dissertation Cochairperson: M. M. Salemi

Gill Daily Brubaker, Bachelor of Science, 1977, Master of Science, 2003, University of Florida

Major: *Physics*

Dissertation: Assembly of Spherical, Sub-Micron Stöber Silica Spheres into Hexagonal Arrays in Ethoxylated Trimethylolpropane Triacrylate

Dissertation Chairperson: D. B. Tanner

Eric Wayne Bucholz, Bachelor of Science in Ceramic and Materials Engineering, 2007, Clemson University—South Carolina; Master of Science, 2009, University of Florida

Major: *Materials Science and Engineering*

Dissertation: Fundamental Investigation of the Tribological and Mechanical Responses of Materials and Nanostructures

Dissertation Chairperson: S. B. Sinnott

David Gray Buck, Bachelor of Arts in Latin American Studies, 1996, University of North Carolina at Chapel Hill;

Master of Science, 2004, University of Florida

Major: *Interdisciplinary Ecology*

Dissertation: Linking Land Use-Land Cover Change and Ecosystem Function in Tropical Lowland Watersheds of Belize, Central America

Dissertation Chairperson: M. Brenner

Stephen Randall Burgin, Bachelor of Science *cum laude*, 2002, Master of Education, 2003, Specialist in Education, 2009, University of Florida

Major: *Curriculum and Instruction*

Dissertation: Development of Nature of Science Ideas Through Authentic Scientific Research

Dissertation Chairperson: R. M. Pringle

Ignatius Pulung Dwi Cahyanto, Sarjana Pendidikan, 2002, Universitas Sanata Dharma—Indonesia; Sarjana Sastra, 2005, Universitas Gadjah Mada—Indonesia; Master of Science, 2008, University of Florida

Major: *Health and Human Performance*

Dissertation: Modeling Tourists' Evacuation Decision While at the Destination: Effects of Individual Characteristics, Travel Related Variables, Information Search, and Risk Appraisal

Dissertation Chairperson: L. Pennington-Gray

Johnathan Anias Canton, Bachelor of Science, 2008, University of Florida

Major: *Microbiology and Cell Science*

Dissertation: Leishmania Parasitophorous Vacuoles: The Contribution of the Secretory Pathway to Parasitophorous Vacuole Biogenesis and Intracellular Parasite Replication

Dissertation Chairperson: P. E. Kima

Rui Cao, Bachelor of Arts, 2001, Nankai University—China; Master of Arts, 2004, University of Toledo—Ohio

Major: *Linguistics*

Dissertation: Perception of Mandarin Chinese Tone 2 / Tone 3 and the Role of Creaky Voice

Dissertation Chairperson: R. Wayland

Dissertation Cochairperson: E. Kaan

Wendy C. Carcamo, Bachelor of Science, 2008, University of Florida

Major: *Medical Sciences—Molecular Cell Biology*

Dissertation: Hepatitis C Patients Treated with Interferon-Alpha/Ribavirin Therapy Develop Autoantibodies to Distinct Cytoplasmic Rod/Ring Structures Composed of CTP/GTP Nucleotide Biosynthetic Enzymes

Dissertation Chairperson: E. K. Chan

Joshua Stuart Carlton, Bachelor of Arts in English, 2001, Tulane University—Louisiana; Master of Science, 2004, University of Georgia

Major: *Interdisciplinary Ecology*

Dissertation: The Role of Science in Public Understanding of Environmental Controversies: Cognition, Media, and Resident Opinion in Coastal Florida

Dissertation Chairperson: S. K. Jacobson

Jeffrey David Carter, Bachelor of Science in Biochemistry, 2006, Virginia Polytechnic Institute and State University

Major: *Chemistry*

Dissertation: Characterization of the Mobile Loops in GM2 Activator Protein and an Electron Paramagnetic Resonance Study of HIV-1 Protease via Incorporation of the Unnatural Amino Acid Acetyl Phenylalanine

Dissertation Chairperson: G. E. Fanucci

Ryan E. Carter, Bachelor of Aerospace Engineering, 2003, Auburn University—Alabama; Master of Science, 2005, University of Florida

Major: *Aerospace Engineering*

Dissertation: System Identification and Trajectory Optimization for Guided Store Separation

Dissertation Chairperson: R. C. Lind

Miriam Salome Castillo Gil, Licenciatura en Matematicas, 2001, Universidad de Las Americas Puebla—Mexico; Master of Science, 2003, University of Toronto—Canada; Master of Science, 2007, University of Florida

Major: *Mathematics*

Dissertation: Functions of Positive Real Part of the Unit Ball of a Normed Space

Dissertation Chairperson: M. Jury

Dana Lynn Catalfamo, Bachelor of Arts in Biology, 2007, Florida Gulf Coast University

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: Altered Bone Resorption in Type 1 and Type 2 Diabetes

Dissertation Chairperson: S. Wallet

Kevin Philip Cattani, Bachelor of Science in Sport Management *cum laude*, 2006, Master of Science, 2008, University of Florida

Major: *Health and Human Performance*

Dissertation: The Effect of Athlete Brand Leadership on Psychological Attachment to an Athlete Among Fantasy Sport Consumers: Moderating Effects of Involvement, Competitiveness, Value Orientation, and Social Anxiety

Dissertation Chairperson: Y. J. Ko

Shourjo Chakravorty, Master of Arts in Economics, 2007, Jadavpur University—India

Major: *Economics*

Dissertation: Essays on the Negotiated-Settlement Practice in Public Utilities Regulation

Dissertation Chairperson: D. Sappington

Dissertation Cochairperson: S. V. Berg

Lisa Gardner Chambers, Bachelor of Science in Natural Resources, 2003, Ohio State University; Master of Science, 2008, Louisiana State University and A&M College

Major: *Soil and Water Science*

Dissertation: The Biogeochemical Effects of Sea Level Rise on Coastal Wetland Soil Carbon

Dissertation Chairperson: K. R. Reddy

Ling Fung Chan, Bachelor of Music, 2004, Hong Kong Academy for Performing Arts; Master of Music, 2006, Carnegie Mellon University—Pennsylvania

Major: *Music*

Dissertation: Class Struggle as Reflection of Spain's Socio-Cultural Identity in Enrique Granados's Opera Goyescas (1916)

Dissertation Chairperson: S. Dos Santos

Thomas Franklin Chancellor Jr., Bachelor of Science, 2005, University of Oklahoma at Norman

Major: *Chemical Engineering*

Dissertation: Actomyosin Tension Generation on the Nuclear Surface

Dissertation Chairperson: T. Lele

Yuan Chang, Bachelor of Management, 2004, Shijiazhuang Railway Institute—China; Master of Management, 2007, Beijing Institute of Civil Engineering and Architecture—China  
Major: *Design, Construction, and Planning*  
Dissertation: Double-Tier Computation of Input-Output Life Cycle Assessment Based on Sectoral Disaggregation and Process Data Integration  
Dissertation Chairperson: R. J. Ries  
Dissertation Cochairperson: C. J. Kibert

Vaibhav Uday Chaudhari, Bachelor of Chemical Engineering, 2004, University of Bombay—India; Master of Science in Engineering, 2006, University of Toledo at Main Campus—Ohio  
Major: *Chemical Engineering*  
Dissertation: Growth of Indium Nitride and Gallium Nitride on Silicon Using Metal Organic Hydride Vapor Phase Epitaxy  
Dissertation Chairperson: T. J. Anderson

Fuhua Chen, Bachelor of Science, 1988, Master of Science, 1991, Nanjing University—China; Master of Science in Mathematics, 2006, University of Windsor—Canada  
Major: *Mathematics*  
Dissertation: Multiphase Image Segmentation Based on Intensity Statistics: Modeling and Applications  
Dissertation Chairperson: Y. Chen

Tai-An Chen, Bachelor of Science, 2002, Ohio State University; Master of Science, 2008, University of Florida  
Major: *Electrical and Computer Engineering*  
Dissertation: A Micromachined Floating Element Shear Stress Sensor Using Moire Transduction for Harsh Environments  
Dissertation Chairperson: M. Sheplak

Tao Chen, Bachelor of Science in Construction Technology, 2006, Nanjing University—China; Master of Science, 2011, University of Florida  
Major: *Computer Engineering*  
Dissertation: Design, Implementation, and Integration of Data Types for Three-Dimensional Spatial Data in Databases  
Dissertation Chairperson: M. Schneider

Tianyi Chen, Bachelor of Science, 2008, Fudan University—China  
Major: *Environmental Engineering Sciences*  
Dissertation: Study of the Aerosol Formation from the Mixture of Isoprene and Dimethyl Sulfide in the Presence of NO<sub>x</sub>  
Dissertation Chairperson: M. Jang

Ankita Chiraniya, Master of Science, 2004, University of Delhi—India  
Major: *Medical Sciences—Biochemistry and Molecular Biology*  
Dissertation: Role of Different Residues Involved in ATP Interaction by the Clamp Loader  
Dissertation Chairperson: L. B. Bloom

Moon Hee Cho, Bachelor of Arts in Advertising and Public Relations, 2003, Bachelor of Arts in Psychology, 2003, Ewha Womans University—South Korea; Master of Arts in Mass Communication, 2009, University of Florida  
Major: *Mass Communication*  
Dissertation: Donor Empowerment: Enhancing Nonprofit-Donor Relationships and Supportive Behavior  
Dissertation Chairperson: K. S. Kelly

Panoat Chuchaisri, Bachelor of Engineering in Computer Engineering, 2001, Kasetsart University—Thailand; Master of Science, 2004, University of Southern California  
Major: *Computer Engineering*  
Dissertation: Improved Elliptic Curve Cryptography-Based Broadcast Authentication in Wireless Sensor Networks  
Dissertation Chairperson: R. E. Newman

Sanghyun Chun, Bachelor of Engineering, 2003, Master of Engineering, 2005, Kyung Hee University—South Korea  
Major: *Civil Engineering*  
Dissertation: Effect of Mixture Component Characteristics on Property and Performance of Superpave Mixtures  
Dissertation Chairperson: R. Roque

Leah Newlove Clionsky, Bachelor of Arts, 2007, Vassar College—New York; Master of Science, 2009, University of Florida  
Major: *Psychology—Clinical and Health Psychology*  
Dissertation: Child Directed Interaction Training for Young Children with Autism Spectrum Disorders: The Impact on Child Language, Social Skills, Adaptive Skills, and Problematic Behaviors  
Dissertation Chairperson: S. M. Eyberg

Zachary Douglas Cole, Bachelor of Science in Recreation, Parks and Tourism, 2005, University of Florida  
Major: *Health and Human Performance*  
Dissertation: Modeling Social Values of Ecosystem Services in Sarasota Bay  
Dissertation Chairperson: S. Holland

Knicole Dawn Colon, Bachelor of Science in Physics *magna cum laude*, 2007, College of New Jersey; Master of Science, 2009, University of Florida  
Major: *Astronomy*  
Dissertation: Characterizing Extrasolar Planets with Multi-Color Photometry  
Dissertation Chairperson: E. B. Ford

Corey Lee Cook, Bachelor of Science in Psychology, 2005, Arizona State University; Master of Science, 2009, University of Florida  
Major: *Psychology*  
Dissertation: Threats and Prejudice: Do Threat-Relevant Stimuli Increase Prejudices Toward Associated Outgroup Members?  
Dissertation Chairperson: C. Cottrell

Jennifer Sokas Cortes, Bachelor of Arts in Zoology, 2001, Miami University—Ohio; Master of Science in Education, 2004, Indiana University at Bloomington  
Major: *Higher Education Administration*  
Minor: *Research and Evaluation Methodology*  
Dissertation: Do Parents Matter? Examining the Role of Parental Influences on the Degree Aspirations of First-Generation Students  
Dissertation Chairperson: L. Ponjuan

Clayton Evan Cox, Bachelor of Science in Materials Science and Engineering, 2002, Bachelor of Arts in Business Administration *cum laude*, 2002, Master of Arts, 2004, Master of Science, 2005, University of Florida  
Major: *Interdisciplinary Ecology*  
Dissertation: The Role of Regulatory Changes and Quorum Sensing During Salmonella Colonization of Non-Traditional Hosts  
Dissertation Chairperson: M. Teplitski

Susan Alexandria Craft, Bachelor of Arts in Psychology, 2007, Bachelor of Arts in Religion, 2007, Miami University—Ohio; Master of Education, 2010, University of Florida  
Major: *School Psychology*  
Dissertation: Parents' Experiences with Data and Decision-Making in a Response to Intervention Process  
Dissertation Chairperson: N. L. Waldron

Kinjal Dasbiswas, Master of Science, 2007, Indian Institute of Technology at Kanpur  
Major: *Physics*  
Dissertation: Defects in Novel Superfluids: Supersolid Helium and Cold Gases  
Dissertation Chairperson: A. T. Dorsey

Todd Marshall Davis, Bachelor of Civil Engineering, 1995, Auburn University—Alabama; Master of Engineering, 2009, University of Florida  
Major: *Civil Engineering*  
Dissertation: Sustained Load Performance of Adhesive Anchor Systems in Concrete  
Dissertation Chairperson: R. A. Cook

Anthony Todd Delisle, Bachelor of Science in Exercise and Sport Sciences, 1992, Master of Exercise and Sport Sciences, 1995, Master of Science, 2008, University of Florida  
Major: *Health and Human Performance*  
Dissertation: Cardiovascular Disease Prevention in Firefighters  
Dissertation Chairperson: C. E. Stopka-Boyd  
Dissertation Cochairperson: R. Pigg

Matthew Arnold DiMaggio, Bachelor of Science in Biology, 2003, State University of New York at Geneseo;  
 Master of Science, 2008, University of Florida  
 Major: *Fisheries and Aquatic Sciences*  
 Dissertation: Evaluation of Culture Methods for Two Marine Baitfish Species, Pinfish, *Lagodon Rhomboides*, and Pigfish, *Orthopristis Chrysoptera*  
 Dissertation Chairperson: C. Ohs  
 Dissertation Cochairperson: D. Petty

Zongrui Ding, Bachelor of Engineering, 2006, Beijing University of Posts and Telecommunications—China;  
 Master of Science, 2010, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: Stochastic Optimization and Its Application to Communication Networks and the Smart Grid  
 Dissertation Chairperson: D. Wu

Huyen Thi Thanh Dinh, Bang Tot Nghiep Dai Hoc, 2006, Hanoi University of Technology—Vietnam; Master of Science,  
 2010, University of Florida  
 Major: *Mechanical Engineering*  
 Dissertation: Dynamic Neural Network-Based Robust Control Methods for Uncertain Nonlinear Systems  
 Dissertation Chairperson: W. E. Dixon

William LePage Donelan, Bachelor of Science in Biology, 2006, State University of New York at Potsdam  
 Major: *Medical Sciences—Molecular Cell Biology*  
 Dissertation: Exploring Molecular Mechanisms of Liver to Pancreatic Beta Cell Reprogramming  
 Dissertation Chairperson: L. Yang

Evan Peter Donoghue, Bachelor of Science in Physics, 2006, University of Notre Dame—Indiana; Master of Science,  
 2008, University of Florida  
 Major: *Physics*  
 Dissertation: Device Physics in Organic Electronic Devices Using Graphene and Highly Purified Single Walled Carbon  
 Nanotube Electrodes  
 Dissertation Chairperson: A. G. Rinzler

Debapriya Dutta, Bachelor of Technology, 2005, West Bengal University of Technology—India  
 Major: *Medical Sciences—Molecular Cell Biology*  
 Dissertation: The Role of Autophagy in Oxidative Stress-Mediated Dysfunction in Cardiac Cells and Rodent Hearts  
 Dissertation Chairperson: C. Leeuwenburgh  
 Dissertation Cochairperson: W. A. Dunn

Joseph Michael Dzierzewski, Bachelor of Arts in Psychology *magna cum laude*, 2005, University of Nevada at Las Vegas;  
 Master of Science, 2007, University of Florida  
 Major: *Psychology—Clinical and Health Psychology*  
 Dissertation: Cognitive Change in Older Adults: Practice Effects, Short-Term Variability, and Their Association with Sleep  
 Dissertation Chairperson: C. S. McCrae  
 Dissertation Cochairperson: M. Marsiske

Kofikuma Adzewoda Dzotsi, Diplome d'Ingenieur Agronome, 2002, University of Lome—Togo; Master of Science, 2007,  
 University of Florida  
 Major: *Agricultural and Biological Engineering*  
 Dissertation: Rainfall Variability Effects on Aggregate Crop Model Predictions  
 Dissertation Chairperson: J. W. Jones

Angel Ejiasi, Bachelor of Science in Biomedical Engineering, 2005, University of Iowa; Master of Science, 2010,  
 University of Florida  
 Major: *Materials Science and Engineering*  
 Dissertation: Physicochemical Properties of Hydrophilic and Amphiphilic Crosslinked Systems That Influence Biological  
 Responses  
 Dissertation Chairperson: A. B. Brennan

Mirna El Khatib, Bachelor of Science, 2006, Master of Science in Chemistry, 2008, American University of Beirut—Lebanon  
 Major: *Chemistry*  
 Dissertation: Novel Approaches in Azide and Peptide Synthesis  
 Dissertation Chairperson: A. R. Katritzky

Kimberly Shaliza Elliott, Bachelor of Arts in Biology, 2006, Wesleyan College—Georgia  
 Major: *Health Services Research*  
 Dissertation: The Effect of Having a Medical Home on Non-Clinical Outcomes of Care for Children with Special Health  
 Care Needs  
 Dissertation Chairperson: A. G. Hall

Noelle Marie Elliott, Bachelor of Science in Chemistry, 2008, Muhlenberg College—Pennsylvania  
 Major: *Chemistry*  
 Dissertation: LC/MS Optimization and Implementation for Metabolomic Applications  
 Dissertation Chairperson: R. A. Yost

Gabriel Luis Espinosa, Bachelor of Science in Mechanical Engineering *cum laude*, 2008, Master of Science, 2011,  
 University of Florida  
 Major: *Mechanical Engineering*  
 Dissertation: Experimental Evaluation of a Model Predicting the Performance of a Multiple-Stage Diffusion Based Solar Still  
 Dissertation Chairperson: H. A. Ingley

Santiago Rafael Espinosa-Andrade, Licenciada en Ciencias Biologicas, 2000, Pontificia Universidad Catolica del Ecuador;  
 Master of Science, 2004, University of Florida  
 Major: *Wildlife Ecology and Conservation*  
 Dissertation: Road Development, Bushmeat Extraction, and Jaguar Conservation in Yasuni Biosphere Reserve—Ecuador  
 Dissertation Chairperson: L. C. Branch

Christopher Michael Estep, Bachelor of Science in Animal Science, 1997, Master of Education, 2006, Texas A&M  
 University at College Station  
 Major: *Agricultural Education and Communication*  
 Dissertation: The Relationships Among Teacher Immediacy, Professor/Student Rapport, and Self-Regulated Learning  
 Dissertation Chairperson: T. G. Roberts

Tara Ann Fahmie, Bachelor of Science *cum laude*, 2005, University of Florida; Master of Arts in Applied Behavioral Science,  
 2007, University of Kansas  
 Major: *Psychology*  
 Dissertation: Comparison of Sensory and Edible Reinforcers  
 Dissertation Chairperson: B. Iwata

Laila Fares, Bachelor of Arts in Philosophy, 1981, Ashford University—Iowa; Master of Arts, 2009, University of Florida  
 Major: *Romance Languages—French and Francophone Studies*  
 Dissertation: Pour Une Poesie Chretienne A L Age Baroque: Mysticisme, Heroisme et Feminisme Chez Pierre Le Moyne  
 1602-1671  
 Dissertation Chairperson: W. C. Calin

John Cleveland Faver, Bachelor of Science in Chemistry, 2007, University of Arkansas at Main Campus  
 Major: *Chemistry*  
 Dissertation: Error Estimation in Biomolecular Modeling  
 Dissertation Chairperson: K. M. Merz

Matthew Alan Feltman, Bachelor of Arts *summa cum laude*, 2002, Indiana University of Pennsylvania; Master of Arts,  
 2004, University of Cincinnati—Ohio  
 Major: *English*  
 Dissertation: Iktomi Incorporated: Cinema as Trickster  
 Dissertation Chairperson: P. E. Wegner  
 Dissertation Cochairperson: N. M. Alter

Tianke Feng, Bachelor of Engineering, 2002, Master of Engineering, 2005, Beijing University of Technology—China;  
 Master of Science, 2010, University of Florida  
 Major: *Industrial and Systems Engineering*  
 Dissertation: Stochastic and Dynamic Sequential Decision Problems with Postponement Options  
 Dissertation Chairperson: J. C. Hartman

Gabriel Augusto Ferraz, Bachelor em Musica, 1999, Mestre em Artes, 2005, Universidade of Sao Paulo—Brazil; Master of Music in Music Performance, 2007, Miami University—Ohio  
Major: *Music*  
Dissertation: Heitor Villa-Lobos and Getulio Vargas: Constructing the “New Brazilian Nation” Through a Nationalistic System of Music Education  
Dissertation Chairperson: S. Dos Santos

Ana Cristina Ferreira Bassit, Medico Veterinario, 1985, Mestre em Ciencias, 2004, Universidade de Sao Paulo—Brazil  
Major: *Veterinary Medical Sciences*  
Dissertation: Role of IGF-I as a Potential Mediator for the Skeletal Effects of Bone Anabolic Agents  
Dissertation Chairperson: T. J. Wronski

Sunny Lynn Ferrero, Bachelor of Science in Biology, 2006, Rensselaer Polytechnic Institute—New York  
Major: *Medical Sciences—Neuroscience*  
Dissertation: Neural Circuitry and Afferent Characteristics of Urogenital Reflexes  
Dissertation Chairperson: R. D. Johnson

Brenda Marina Fields, Bachelor of Arts *summa cum laude*, 2005, Master of Arts, 2007, University of Florida  
Major: *Classical Studies*  
Dissertation: Fear Mongering in Late Republican Rome, 88-28 BCE  
Dissertation Chairperson: V. E. Pagan-Wolpert

Cindi Guadalupe Flores, Bachelor of Arts in Psychology and Human Development, 2005, California State University at San Bernardino; Master of Education, 2008, University of Florida  
Major: *School Psychology*  
Dissertation: An Examination of Repetitive and Restricted Behavior and Associated Characteristics Among Those with an Autism Spectrum Disorder  
Dissertation Chairperson: J. H. Kranzler

Kathryn E. Fredericks, Bachelor of Arts *magna cum laude*, 2002, Niagara University—New York; Master of Arts in Foreign Language and Literature, 2004, State University of New York at Buffalo  
Major: *Romance Languages—French and Francophone Studies*  
Dissertation: Geography in Voltaire's Philosophical Tales: Zadig, Micromegas, Candide, and Lingenu  
Dissertation Chairperson: B. Weltman-Aron

Zachariah Elijah Fuchs, Bachelor of Science in Electrical Engineering, 2007, University of Evansville—Indiana; Master of Science, 2009, University of Florida  
Major: *Electrical and Computer Engineering*  
Dissertation: Cooperative Control Strategies and Deception in Adversarial Systems  
Dissertation Chairperson: P. Khargonekar

Ryan Emily Fussell, Bachelor of Science in Human Development *magna cum laude*, 2006, Bachelor of Arts in Psychology *cum laude*, 2006, University of California at Davis; Master of Science, 2009, University of Florida  
Major: *Psychology—Clinical and Health Psychology*  
Dissertation: Emotional and Behavioral Functioning of Siblings of Pediatric Cancer Patients: Discordance Between Parent and Self-Report and Associations with Family Functioning  
Dissertation Chairperson: S. C. Heaton  
Dissertation Cochairperson: S. M. Eyberg

Janelle Teresa Garcia, Bachelor of Science in Biomedical Science, 2005, University of South Florida; Master of Science, 2008, University of Florida  
Major: *Health and Human Performance*  
Dissertation: Assessing Weight Bias as Nurses Toward Obese Patients and Its Effect on Quality of Care  
Dissertation Chairperson: C. E. Stopka-Boyd  
Dissertation Cochairperson: E. H. Chaney

Giuseppina Garofalo, Laurea di Dottore in Ingegneria Civile, 2003, Laurea Specialistica, 2006, Universita della Calabria—Italy; Master of Engineering, 2012, University of Florida  
Major: *Environmental Engineering Sciences*  
Dissertation: Physical and Computational Fluid Dynamics Modeling of Unit Operations Under Transient Hydraulic Loadings  
Dissertation Chairperson: J. Sansalone

Stephanie-Anne Girard, Bachelor of Science in Microbiology and Immunology, 2005, McGill University—Canada; Maitrise es Sciences Pharmacologie, 2009, Universite de Montreal—Canada  
Major: *Nutritional Sciences*  
Dissertation: Immunological and Gastrointestinal Effects of Galactooligosaccharides (GOS) Supplementation: A Randomized, Double-Blind Controlled Study in Healthy Aged Adults  
Dissertation Chairperson: B. Langkamp-Henken

Magda Mihaela Giurcanu, Diploma de Licenta, 1999, Universitatea don Bucuresti—Romania; Master of Arts, 2008, University of Florida  
Major: *Political Science*  
Dissertation: Democratization by Elections: A Case Study of the EU  
Dissertation Chairperson: A. D. Kreppel  
Dissertation Cochairperson: B. Moraski

David Robert Godwin, Bachelor of Science, 2003, Florida State University; Master of Science, 2008, University of Florida  
Major: *Forest Resources and Conservation*  
Dissertation: The Influence of Prescribed Fire and Mechanical Fuels Mastication on Soil Carbon Respiration Rates in Old-Field and Flatwoods Forests of Florida, USA  
Dissertation Chairperson: L. N. Kobziar

David Nathan Goldblatt, Bachelor of Music, 2000, University of Arizona; Master of Music, 2002, University of New Mexico  
Major: *Music*  
Dissertation: Julius Chajes (1910-1985): Defining His Post-1930 Style  
Dissertation Chairperson: D. Z. Kushner

Daniel Gonzalez, Doctor of Pharmacy, 2008, University of Florida  
Major: *Pharmaceutical Sciences—Pharmacy*  
Dissertation: Evaluating Sources of Pharmacokinetic Variability Using Breath Testing and Microdialysis  
Dissertation Chairperson: H. C. Derendorf

Patricia Elizabeth Grebenstein, Bachelor of Arts in Psychology *cum laude*, 2007, Wittenberg University—Ohio; Master of Science, 2010, University of Florida  
Major: *Psychology*  
Dissertation: Relationship Between Nicotine and Ingestive Behaviors in Rats  
Dissertation Chairperson: N. E. Rowland

Meixi Guo, Bachelor of Science, 2006, Beijing Normal University—China  
Major: *Statistics*  
Dissertation: Empirical Bayes and Likelihood Based Methods for Measurement Error  
Dissertation Chairperson: M. Ghosh

Donald Lee Hagan, Bachelor of Science in Meteorology *cum laude*, 2002, University of West Florida; Master of Science, 2008, University of Florida  
Major: *Forest Resources and Conservation*  
Minor: *Soil and Water Science*  
Dissertation: Plant-Soil Interactions in Cogongrass-Impacted Southern Pine Ecosystems  
Dissertation Chairperson: S. Jose  
Dissertation Cochairperson: F. J. Escobedo

Nichelle Lynn Hann, Bachelor of Science in Geology, 2006, Master of Science, 2008, Brigham Young University—Utah  
Major: *Geology*  
Dissertation: Geochemical Diversity of Near-Ridge Seamounts: Insights into Oceanic Magmatic Processes and Sources Through Trace Element and Isotopic Chemistry  
Dissertation Chairperson: M. R. Perfit

Jill Marie Harper, Bachelor of Science in Family Studies, 2003, Bachelor of Science in Psychology, 2003, University of New Hampshire; Master of Science in Applied Behavior Analysis, 2006, Northeastern University—Massachusetts  
Major: *Psychology*  
Dissertation: Patterns of Social Interaction During Group Contingencies  
Dissertation Chairperson: B. Iwata

Lauren Thornton Harshaw, Bachelor of Science in Biology, 2005, Davidson College—North Carolina

Major: *Veterinary Medical Sciences*  
Dissertation: Evaluation of the Nutrition of Florida Manatees (*Trichechus Manatus Latiostris*)  
Dissertation Chairperson: I. Larkin  
Dissertation Cochairperson: R. C. Hill

Md Sayed Hasan, Bachelor of Science, 2004, University of Dhaka—Bangladesh

Major: *Physics*  
Dissertation: Dynamics of a Gaussian Chain in the Gas Phase and in a Confined Geometry  
Dissertation Chairperson: S. Obukhov

Alexander Kane Hastings, Bachelor of Science in Geosciences, 2005, Pennsylvania State University

Major: *Geology*  
Dissertation: Early Paleogene Crocodyliform Evolution in the Neotropics: Evidence from Northeastern Colombia  
Dissertation Chairperson: J. I. Bloch

Zhulin He, Bachelor of Science, 2006, Nankai University—China; Master of Science, 2008, University of Calgary—Canada

Major: *Biostatistics*  
Dissertation: Causal Inference with Complex Sampling Designs  
Dissertation Chairperson: B. Brumback

Karina Kawall Reybitz Hensberry, Bachelor of Science *cum laude*, 2006, Master of Education, 2007, University of Florida

Major: *Curriculum and Instruction*  
Dissertation: The Instructional Practices and Perspectives of Highly Effective Teachers of Diverse Students: Case Studies from Mathematics Classrooms  
Dissertation Chairperson: S. J. Pape  
Dissertation Cochairperson: D. D. Ross

Jennifer Ann Heretick, Bachelor of Arts in Psychology, 2007, Villanova University—Pennsylvania; Master of Education, 2009, University of Florida

Major: *School Psychology*  
Dissertation: The Relationship Between Type of Bullying Experienced in Childhood and Psychosocial Functioning in Young Adulthood  
Dissertation Chairperson: N. L. Waldron  
Dissertation Cochairperson: D. Joyce

Jonathan Dustin Hill, Bachelor of Science in Electrical Engineering *cum laude*, 2007, Master of Science, 2009, University of Florida

Major: *Electrical and Computer Engineering*  
Dissertation: The Mechanisms of Lightning Leader Propagation and Ground Attachment  
Dissertation Chairperson: M. A. Uman  
Dissertation Cochairperson: V. A. Rakov

Gary M. Hink Jr., Bachelor of Arts in Literature, 2004, Richard Stockton College of New Jersey; Master of Arts in English, 2005, State University of New York at Buffalo

Major: *English*  
Dissertation: Apparatus Theory and Heuristics of Literary Encounters  
Dissertation Chairperson: G. L. Ulmer

Lacy Frances Hodges, Bachelor of Arts *cum laude*, 2003, Master of Arts, 2005, University of Florida

Major: *English*  
Dissertation: Generic Transgressions: Gender, Genre, and Hybridity in American Science Fiction Television  
Dissertation Chairperson: A. M. Gordon

Nathan Morley Holt, Bachelor of Science in Mathematics, 2004, Master of Science in Mathematics, 2006, University of Mississippi; Master of Statistics, 2009, University of Florida

Major: *Statistics*  
Dissertation: Tests of Hypotheses for Complex Data  
Dissertation Chairperson: L. Young

Katherine Michelle Honea, Bachelor of Science in Business Administration, 2001, Master of Arts, 2007, California State University at Sacramento

Major: *Romance Languages—Spanish*  
Dissertation: The Development of the Obligation System in Mexican Spanish; A Variationist Sociolinguistic Perspective  
Dissertation Chairperson: J. Aaron

Nabil Jalall Hossiney, Bachelor of Engineering in Civil Engineering, 2006, Shivaji University—India; Master of Science, 2008, University of Florida

Major: *Civil Engineering*  
Dissertation: Evaluation of Concrete Mixtures Containing RAP for Use in Concrete Pavements  
Dissertation Chairperson: M. Tia

Hao Hu, Bachelor of Technology, 2005, Master of Science, 2007, Chongqing University—China

Major: *Plant Pathology*  
Dissertation: Quantitative Determination of Selective Alternative Hosts of *Candidatus Liberibacter asiaticus* and Potential for Transmission to Citrus  
Dissertation Chairperson: R. H. Brlansky

Maria Daniela Hurtado Andrade, Titulo de Medica Cirujano, 2008, Pontificia Universidad Catolica del Ecuador

Major: *Medical Science—Physiology and Pharmacology*  
Dissertation: The NPY System: A Novel Physiological Domain  
Dissertation Chairperson: S. Zolotukhin

Grace Rhenae Huxtable-Mount, Bachelor of Arts in Education, 2002, Master of Education, 2003, Specialist in Education, 2006, University of Florida

Major: *Educational Leadership*  
Dissertation: African American Students' Self-Efficacy, Self-Regulatory Competence, and Academic Achievement in a Small Group Tutoring Program: A Mixed Methods Study  
Dissertation Chairperson: L. S. Behar-Horenstein

Jennifer Noelle Jackson, Bachelor of Science in Aerospace Engineering, 2003, Master of Science in Mechanical Engineering, 2005, University of Central Florida

Major: *Biomedical Engineering*  
Dissertation: Locomotion Pattern Prediction Based on Whole-Body Angular and Linear Momentum Variations  
Dissertation Chairperson: B. J. Fregly

Rajul Jain, Bachelor of Engineering, 2003, Bhopal Engineering College—India; Master of Technology, 2005, Dhirubhai Ambani Institute of Information and Communication Technology—India; Master of Arts in Mass Communication, 2009, Master of Arts, 2011, University of Florida

Major: *Mass Communication*  
Dissertation: Distinguishing Real from Fake: Developing and Testing a Theoretical Model and Measurement Scale for Perceived Organizational Authenticity  
Dissertation Chairperson: J. Molleda

Charles Michael Jenkins, Bachelor of Science in Chemical Engineering, 1983, University of South Alabama; Master of Aeronautical Science, 1993, Embry-Riddle Aeronautical University—Florida; Master of Environmental Engineering, 1998, University of South Florida

Major: *Environmental Engineering Sciences*  
Dissertation: Properties of Explosively Driven Aluminum Particle Fields and Their Inhalation Hazards  
Dissertation Chairperson: C. Wu

Yu Ji, Bachelor of Science, 2006, Fudan University—China

Major: *Physics*  
Dissertation: NMR Studies of Quantum Gases Confined in Mesoporous Materials  
Dissertation Chairperson: N. S. Sullivan

Jin Jin, Bachelor of Natural Sciences, 2006, University of Science and Technology of China; Master of Science, 2009, Master of Science, 2010, University of Florida

Major: *Geology*  
Dissertation: Natural Dissolved Organic Matter Dynamics in a Karstic Surface-Groundwater Exchange System  
Dissertation Chairperson: A. R. Zimmerman

Rong Jin, Bachelor of Engineering, 1997, Master of Engineering, 2000, Beijing University—China; Master of Engineering, 2004, Southern University and A&M College—Louisiana; Master of Education, 2009, University of Florida  
 Major: *Research and Evaluation Methodology*  
 Dissertation: Sample Size in Exploratory Factor Analysis with Ordinal Data  
 Dissertation Chairperson: J. J. Algina

Davit Jishkariani, Bakalavris Diplomi, 2005, Magistris Diplomi, 2007, Ivane Javakhishvili Tbilisi State University—Georgia  
 Major: *Chemistry*  
 Dissertation: Novel Strategies in the Chemistry of N-Amino Heterocycles  
 Dissertation Chairperson: A. R. Katritzky

Melissa Leigh Johnson, Bachelor of Arts in Classical Studies, 1999, Master of Education, 2000, University of North Carolina at Greensboro  
 Major: *Curriculum and Instruction*  
 Dissertation: Pioneers, Guinea Pigs, and Rebels: Perspectives of Early Adopters in Online Honors Education  
 Dissertation Chairperson: K. M. Dawson

Hyun-Jung Jung, Bachelor of Engineering, 2004, Sang Myung University—South Korea; Master of Engineering, 2006, Korea University—South Korea; Master of Science, 2008, University of Florida  
 Major: *Chemical Engineering*  
 Dissertation: Nanostructured Contact Lenses for Drug Delivery and UV Blocking  
 Dissertation Chairperson: A. Chauhan

Katherine Wells Junger, Bachelor of Arts in Psychology, 2004, University of Vermont; Master of Science, 2009, University of Florida  
 Major: *Psychology—Clinical and Health Psychology*  
 Dissertation: Examining the Contribution of Health Behaviors and Psychosocial Functioning in Anti-Epileptic Drug Induced Weight Gain Among Children with Epilepsy  
 Dissertation Chairperson: D. M. Janicke

Davie Mayeso Kadyampakeni, Bachelor of Science in Agriculture, 2002, Master of Science in Agronomy, 2005, University of Malawi  
 Major: *Soil and Water Science*  
 Dissertation: Citrus Advanced Production System: Modeling Uptake and Leaching in Florida Flatwoods and Ridge Soils  
 Dissertation Chairperson: K. T. Morgan  
 Dissertation Cochairperson: P. Nkedi-Kizza

Nicole Ashley Kahhan, Bachelor of Science *cum laude*, 2007, Master of Science, 2009, University of Florida  
 Major: *Psychology—Clinical and Health Psychology*  
 Dissertation: Lifestyle, Psychosocial, and Demographic Predictors of Metabolic Syndrome in Overweight and Obese Youth  
 Dissertation Chairperson: D. M. Janicke

Kelly Larkin Kaiser, Bachelor of Science, 2006, University of Guelph—Canada; Master of Science, 2008, University of Florida  
 Major: *Health and Human Performance*  
 Dissertation: Age-Associated Modulation of Motor Control and Skeletal Muscle Fatigue by Near-Infrared Light Therapy  
 Dissertation Chairperson: P. A. Borsa

Kostas Nektarios Karadakis, Bachelor of Science in Social Science, 2005, University of Ottawa—Canada; Master in Business Studies, 2008, Liverpool John Moores University—United Kingdom  
 Major: *Health and Human Performance*  
 Dissertation: The Influence of Small-Scale Sport Event Impacts on Personal and Community Quality of Life and Support for Sport Event Tourism  
 Dissertation Chairperson: K. Kaplanidou

Jason Hansen Karnes, Doctor of Pharmacy, 2008, University of Florida  
 Major: *Pharmaceutical Sciences—Pharmacy*  
 Dissertation: Genetic, Pharmacogenetic, and Pharmacotherapeutic Risk Factors for Thiazide-Induced Dysglycemia  
 Dissertation Chairperson: R. M. Cooper-DeHoff  
 Dissertation Cochairperson: J. A. Johnson

James Michael Kasper, Bachelor of Science, 2006, University of Wisconsin at Eau Claire  
 Major: *Pharmaceutical Sciences—Pharmacodynamics*  
 Dissertation: Characterization of the Effects of Novel 5-Ht2c Receptor Agonists on Neurotransmission and Voluntary Alcohol Consumption in Rats  
 Dissertation Chairperson: J. N. Peris

Lillian Boynton Kaye, Bachelor of Science *summa cum laude*, 2005, Bachelor of Arts *cum laude*, 2005, Master of Science, 2008, University of Florida  
 Major: *Counseling Psychology*  
 Dissertation: Influence of the Belief That God Controls One's Health on the Relationship Between Religiosity/Spirituality and Healthy Eating Behaviors Among Black Men  
 Dissertation Chairperson: C. M. Tucker

Sean Benjamin Kelly, Bachelor of Mechanical Engineering, 2007, Auburn University—Alabama  
 Major: *Aerospace Engineering*  
 Dissertation: Experiments in Thermosensitive Cavitation of a Cryogenic Rocket Propellant Surrogate  
 Dissertation Chairperson: C. Segal

Ji Young Kim, Bachelor of Business Administration, 2005, Sogang University—South Korea; Master of Science, 2006, Syracuse University—New York  
 Major: *Mass Communication*  
 Dissertation: Exploring Linkages Among Public Relations, Attribute Agenda-Building, Trust, and Corporate Reputation Mediated by Emotion  
 Dissertation Chairperson: S. K. Kiousis

Kyeong-Won Kim, Bachelor of Science in Engineering, 2000, Master of Science in Materials Science and Engineering, 2002, Seoul National University—South Korea  
 Major: *Materials Science and Engineering*  
 Dissertation: Growth and Characterizations of Complex Oxide Thin Film Heterostructures via Pulsed Laser Deposition  
 Dissertation Chairperson: D. P. Norton

Sunjung Kim, Bachelor of Arts in Psychology, 2003, Master of Speech-Language Pathology, 2005, Ewha Womans University—South Korea  
 Major: *Communication Sciences and Disorders*  
 Dissertation: Visuals in the Mind's Eye: Investigating Graph Comprehension in Students with Dyslexia  
 Dissertation Chairperson: L. J. Lombardino  
 Dissertation Cochairperson: H. Cowles

Sean Alan King, Bachelor of Science in Environmental Engineering *cum laude*, 2005, Master of Engineering, 2008, University of Florida  
 Major: *Environmental Engineering Sciences*  
 Dissertation: Effects of Flow on Filamentous Algae and Nutrient Limitation in Lotic Systems  
 Dissertation Chairperson: M. T. Brown

Atay Kizilaslan, Bachelor of Science, 2002, Middle East Technical University—Turkey; Master of Science in Economics, 2006, Georgia Institute of Technology  
 Major: *Business Administration—Finance*  
 Dissertation: Asset Specificity, Industry Driven Recovery Risk, and Loan Pricing  
 Dissertation Chairperson: C. M. James

Ryan L. Klinger, Bachelor of Science *cum laude*, 2004, Master of Science, 2004, University of Florida  
 Major: *Business Administration—Management*  
 Dissertation: Examining the Role of Observer Characteristics on the Predictive Validity of Reputational Personality Ratings Across Workplace Outcomes  
 Dissertation Chairperson: T. A. Judge  
 Dissertation Cochairperson: J. D. Kammeyer-Mueller

Jennifer Miner Knippen, Bachelor of Science in Multinational Business, 2001, Florida State University; Master of Business Administration, 2005, Thunderbird, the Garvin School of International Management—Arizona  
Major: *Business Administration—Management*  
Dissertation: Twisting the Hand That Feeds You: Power Contestation Between Firms and Their Institutional Environment  
Dissertation Chairperson: H. Tosi

Andrea Elizabeth Knowlton, Bachelor of Science, 2005, University of Florida  
Major: *Medical Sciences—Immunology and Microbiology*  
Dissertation: Infection with Chlamydia trachomatis Results in Detrimental Host Cell Defects Dependent Upon Cell Cycle Progression  
Dissertation Chairperson: S. S. Grieshaber

Namwook Koo, Bachelor of Arts, 2004, Master of Education, 2006, Sung Kyun Kwan University—South Korea  
Major: *Research and Evaluation Methodology*  
Dissertation: Accuracy of Estimates, Empirical Type I Error Rates, and Statistical Power Rates for Testing Mediation in Latent Growth Modeling in the Presence of Nonnormal Data  
Dissertation Chairperson: J. J. Algina

Clay Michael Koschnick, Bachelor of Science, 1998, United States Air Force Academy—Colorado; Master of Science in Operations Research, 2007, Georgia Institute of Technology  
Major: *Industrial and Systems Engineering*  
Dissertation: Designing Performance Guarantee Contracts  
Dissertation Chairperson: J. C. Hartman

Cory Jon Krediet, Bachelor of Arts in German *summa cum laude*, 2006, Bachelor of Arts in Biology, 2006, Drew University—New Jersey; Master of Science, 2008, University of Florida  
Major: *Interdisciplinary Ecology*  
Dissertation: Resilience of the Coral Holobiont: Dynamic Interactions Between Coral Commensal Bacteria and Opportunistic Pathogens  
Dissertation Chairperson: M. Teplitski

Jesse K. Kreye, Bachelor of Science in Forestry *summa cum laude*, 2004, Master of Science, 2008, Humboldt State University—California  
Major: *Forest Resources and Conservation*  
Dissertation: Efficacy and Ecological Effects of Fuel Treatments in Pine Flatwoods Ecosystems of Florida, USA  
Dissertation Chairperson: L. N. Kobziar

Rangarajan Krishnan, Bachelor of Chemical Engineering, 2004, University of Mumbai—India; Master of Science in Chemical Engineering, 2007, University of Toledo at Main Campus—Ohio  
Major: *Chemical Engineering*  
Dissertation: Rapid Routes for Synthesis of CIGS Absorbers  
Dissertation Chairperson: T. J. Anderson

Frederick Ayenme Kweh, Bachelor of Science, 2004, University of Florida  
Major: *Medical Sciences—Genetics*  
Dissertation: Hormonal Analysis in Individuals with Prader-Willi Syndrome and Others with Early-Onset Morbid Obesity  
Dissertation Chairperson: D. J. Driscoll

Corinne A. Labyak, Bachelor of Science in Dietetics, 1996, Florida State University; Master of Science in Health Science, 1998, University of North Florida  
Major: *Nutritional Sciences*  
Dissertation: Sagittal Abdominal Diameter as a Marker of Cardiometabolic Disease Risk in Overweight and Obese Children  
Dissertation Chairperson: A. Mathews  
Dissertation Cochairperson: G. P. Kauwell

Delano Sydney Lamy, Bachelor of Arts in International Studies, 2006, Bachelor of Arts in Spanish, 2006, University of South Florida; Master of Arts, 2009, University of Florida  
Major: *Romance Languages—Spanish*  
Dissertation: A Variationist Account of Voice Onset Time Among Bilingual West Indians in Panama  
Dissertation Chairperson: J. Aaron

Nestor Miguel Lasso Cabrera, Ingeniero Electronica, 2006, Universidad de La Laguna—Spain; Master of Science, 2009, University of Florida  
Major: *Astronomy*  
Dissertation: High-Speed Flickering and Jet Formation in Grs 1915+105  
Dissertation Chairperson: S. S. Eikenberry

Christine Shin Chia Lee, Doctor of Pharmacy, 2007, State University of New York at Buffalo  
Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*  
Dissertation: The Development of a Pharmacist Model of Professional Obligation Using Bandura's Theory of Moral Disengagement  
Dissertation Chairperson: R. Segal

Wei-Hua Lee, Bachelor of Science, 2003, National Taiwan Normal University; Master of Science in Biology, 2006, University of Iowa  
Major: *Medical Sciences—Neuroscience*  
Dissertation: The Influence of Viral Vector Delivery of Superoxide Dismutase and Catalase to the Hippocampus on Spatial Learning, Memory and NMDA Receptor Function During Aging  
Dissertation Chairperson: T. Foster

Jason Thomas Lessl, Bachelor of Science, 2000, Master of Science, 2004, University of Georgia  
Major: *Soil and Water Science*  
Minor: *Horticultural Science*  
Dissertation: Improved Arsenic Accumulation in *Pteris Vittata* and Its Unique Ability to Acquire Phosphorus  
Dissertation Chairperson: L. Q. Ma  
Dissertation Cochairperson: M. Teplitski

Jamal Sana Lewis, Bachelor of Science in Chemistry, 2004, Florida A&M University; Master of Science in Biomedical Engineering, 2006, North Carolina State University  
Major: *Biomedical Engineering*  
Dissertation: Development of a Dendritic Cell-Targeting, Synthetic Biomaterial Microparticle Vaccine for the Prevention of Type 1 Diabetes  
Dissertation Chairperson: B. Keselowsky

Bo Li, Bachelor of Engineering, 2004, Master of Engineering, 2006, Huazhong University of Science and Technology—China  
Major: *Computer Engineering*  
Dissertation: Performance of Greedy Scheduling Algorithm in Wireless Networks  
Dissertation Chairperson: Y. Xia  
Dissertation Cochairperson: M. T. Thai

Chen Li, Bachelor of Science, 2002, Doctor of Natural Science Applied Mathematics, 2007, Tongji University—China  
Major: *Statistics*  
Dissertation: Linear Mixed Model Estimation with Dirichlet Process Random Effects  
Dissertation Chairperson: G. Casella

Jing Li, Bachelor of Engineering, 2004, Master of Engineering, 2008, Beijing Jiaotong University—China; Master of Science, 2011, University of Florida  
Major: *Civil Engineering*  
Dissertation: Two-Lane Highway Simulation and Analysis  
Dissertation Chairperson: S. S. Washburn

Xiaolin Liao, Bachelor of Engineering, 2006, University of Science and Technology Beijing—China; Master of Engineering, 2009, Beijing Normal University—China  
Major: *Soil and Water Science*  
Dissertation: Nitrogen Dynamics During the Restoration of Calcareous Wetlands in the Florida Everglades  
Dissertation Chairperson: P. Inglett

Hyun-Ji Lim, Bachelor of Arts, 2006, Ewha Womans University—South Korea; Master of Arts in Mass Communication, 2008, University of Florida  
Major: *Mass Communication*  
Dissertation: A Quantitative Experiment of the Effects of Transnational Crises on Corporate and Country Reputation and Strategic Responses  
Dissertation Chairperson: J. Molleda



Shuibin Lin, Bachelor of Science, 2004, Master of Science, 2007, Xiamen University—China

Major: *Medical Sciences—Genetics*  
Dissertation: Transcriptional Regulation of Notch Signaling  
Dissertation Chairperson: L. Wu

Rui Liu, Bachelor of Management, 2005, Bachelor of Science, 2005, Master of Management, 2007, Tianjin University—China; Master of Science, 2010, University of Florida

Major: *Design, Construction, and Planning*  
Dissertation: BIM-Based Life Cycle Information Management: Integrating Knowledge of Facility Management into Design  
Dissertation Chairperson: R. Issa  
Dissertation Cochairperson: S. Olbina

Xiaoding Liu, Bachelor of Science in Computer Engineering *cum laude*, 2005, Bachelor of Science in Business Administration *summa cum laude*, 2005, Master of Science, 2006, University of Florida

Major: *Business Administration—Finance*  
Dissertation: Essays in Corporate Finance  
Dissertation Chairperson: J. R. Ritter

Yue Liu, Bachelor of Science, 2005, Beijing Forestry University—China; Master of Science, 2007, University of New South Wales—Australia

Major: *Pharmaceutical Sciences—Pharmacodynamics*  
Dissertation: Complex Ii of the Mitochondrial Respiratory Chain Is the Key Mediator of Divalent Manganese-Induced Hydrogen Peroxide Production in Microglia  
Dissertation Chairperson: B. Liu

Linda Anne Lombardi-Carlson, Bachelor of Science, 1996, University of North Carolina at Wilmington; Master of Science in Biological Sciences, 2001, University of Mississippi

Major: *Fisheries and Aquatic Sciences*  
Dissertation: Life History, Population Dynamics, and Fishery Management of the Golden Tilefish, *Lopholatilus chamaeleonticeps*, from the Southeast Atlantic and Gulf of Mexico  
Dissertation Chairperson: M. S. Allen  
Dissertation Cochairperson: W. Pine

Susanne Kristine Long, Bachelor of Science in Psychology *summa cum laude*, 2007, Missouri State University; Master of Education, 2008, University of Florida

Major: *School Psychology*  
Dissertation: Social Skills Interventions for Children with Autism Spectrum Disorders: Teachers' Acceptability and Likelihood to Keep and Use Progress Monitoring Data  
Dissertation Chairperson: J. H. Kranzler

Kenneth Kyle Lopiano, Bachelor of Science *cum laude*, 2007, Master of Statistics, 2009, University of Florida

Major: *Statistics*  
Dissertation: Regression Models with Spatially Misaligned Data  
Dissertation Chairperson: L. Young

Drew Tyler Lucas, Bachelor of Science in Mechanical Engineering, 2006, Master of Science, 2009, University of Florida

Major: *Mechanical Engineering*  
Dissertation: Development of a Multi-Resolution Parallel Genetic Algorithm for Autonomous Robotic Path Planning  
Dissertation Chairperson: C. D. Crane  
Dissertation Cochairperson: A. A. Arroyo

Jared James Lynch, Bachelor of Science in Chemistry, 2006, Florida State University

Major: *Chemistry*  
Dissertation: Colloidal Inorganic Nanocrystals: Nucleation, Growth, and Biological Applications  
Dissertation Chairperson: Y. W. Cao

Richard Allen MacKenzie III, Bachelor of Science in Physical Geography, 2005, University of Michigan at Flint; Master of Science in Geology, 2008, Bowling Green State University—Ohio

Major: *Geology*  
Minor: *Geography*  
Dissertation: Extraction Strategies and Uncertainties Associated with Visual Based Shoreline (Vbsl) and Datum Based Shoreline (Dbsl) Proxies on a Wave Dominated Simple (Concave up Morphology) and Complex (Cuspate and Berm Morphologies) Wave Dominated Sandy Coastlines: Ca  
Dissertation Chairperson: J. M. Jaeger  
Dissertation Cochairperson: P. N. Adams

Lucas C. Majure, Bachelor of Science in Biological Sciences, 2003, Master of Science in Biological Sciences, 2007, Mississippi State University

Major: *Botany*  
Dissertation: The Evolution and Systematics of the *Opuntia Humifusa* Complex  
Dissertation Chairperson: D. E. Soltis

Md Shahid Mamun, Bachelor of Science in Civil Engineering, 2000, Bangladesh University; Master of Science in Applied Plant Sciences, 2003, University of Toronto—Canada

Major: *Civil Engineering*  
Dissertation: Impact Analysis of Site Development and Mileage Fee  
Dissertation Chairperson: Y. Yin

Keri Ani Manakyan, Bachelor of Science in Finance, 2007, University of Maryland at College Park

Major: *Business Administration—Finance*  
Dissertation: Strategic Credit Line Usage and Performance  
Dissertation Chairperson: C. M. James

Twyla Lucinda Mancil, Bachelor of Science in Psychology *summa cum laude*, 2003, Georgia Southern University; Master of Education, 2008, University of Florida

Major: *School Psychology*  
Dissertation: Executive Functioning, Language, Visual Abstract Reasoning, and Gender as Predictors of Relational and Physical Aggression Among Young Children  
Dissertation Chairperson: T. M. Smith-Bonahue

Guilherme Horta de Lima Marquezini, Grau de Medico Veterinario, 2004, Universidade Estadual Paulista Julio de Mesquita Filho—Brazil; Master of Science, 2009, University of Florida

Major: *Animal Sciences*  
Dissertation: Use of Equine Chorionic Gonadotropin, Temporary Calf Removal, and Progesterone for Estrous Cycle Control of Suckled Beef Cows and Replacement Heifers  
Dissertation Chairperson: G. Lamb

Federico Martin, Bachelor of Science in Molecular Biology, 2005, Arizona State University

Major: *Plant Molecular and Cellular Biology*  
Dissertation: Alternative Splicing of Rough endosperm3 (Rgh3) Transcript Regulates Protein Abundance in the Spliceosome  
Dissertation Chairperson: A. M. Settles

Patrick John McHenry, Bachelor of Arts in English *magna cum laude*, 2002, University of Central Florida; Master of Arts, 2005, University of Florida

Major: *English*  
Dissertation: Modernist Totalities and the Aesthetics of Social Possibility  
Dissertation Chairperson: J. P. Leavey

Sarah Lindley McKune, Bachelor of Arts, 1999, Wofford College—South Carolina; Master of Public Health, 2002, Emory University—Georgia

Major: *Interdisciplinary Ecology*  
Dissertation: Climate Change, Livelihood, and Household Vulnerability in Eastern Niger  
Dissertation Chairperson: S. L. Russo  
Dissertation Cochairperson: B. M. Mayer

Cassandra Anne Medvedeff, Bachelor of Science in Biology, 2005, Master of Science in Biology, 2008, University of North Carolina at Greensboro  
 Major: *Soil and Water Science*  
 Dissertation: The Effect of an Extreme Restoration Approach on Microbial Carbon Cycling in a Restored Subtropical Wetland  
 Dissertation Chairperson: P. Inglett

Jessica Caitlin Meloy, Bachelor of Science in Electrical Engineering, 2007, Master of Science, 2009, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: An Instrumentation-Grade Differential Capacitive MEMS Shear Stress Sensor System for Wind Tunnel Applications  
 Dissertation Chairperson: M. Sheplak

Dimitra Michalaka, Ptychion in Civil Engineering, 2006, National Technical University of Athens—Greece; Master of Science, 2009, University of Florida  
 Major: *Civil Engineering*  
 Dissertation: Enhancement and Evaluation of Dynamic Pricing Strategies of Managed Toll Lanes  
 Dissertation Chairperson: Y. Yin

Seyyedeh Mahsa Mirzargar, Bachelor of Science, 2008, Sharif University of Technology—Iran; Master of Science, 2011, University of Florida  
 Major: *Computer Engineering*  
 Dissertation: A Reconstruction Framework for Common Sampling Lattices  
 Dissertation Chairperson: A. Entezari

Marci Rae Mitchell, Bachelor of Science, 2008, University of Michigan at Ann Arbor  
 Major: *Medical Sciences—Neuroscience*  
 Dissertation: Adolescent Risk Taking, Dopamine Signaling, and Cocaine Self-Administration: A Vicious Cycle  
 Dissertation Chairperson: B. Setlow

Jue Mo, Bachelor of Engineering, 2007, Zhejiang University—China  
 Major: *Biomedical Engineering*  
 Dissertation: Multi-Modal Imaging of Brain Oscillation  
 Dissertation Chairperson: M. Ding

Titilayo Moloye, Bachelor of Science, 2006, Florida A&M University  
 Major: *Biomedical Engineering*  
 Dissertation: Composite Scaffolds for Bone Tissue Engineering  
 Dissertation Chairperson: C. D. Batich

Sarah Elizabeth Mondello, Bachelor of Arts, 2006, McGill University—Canada  
 Major: *Medical Sciences—Neuroscience*  
 Dissertation: Assessment and Promotion of Plasticity and Locomotor Recovery Following Spinal Cord Injury in the Domestic Cat  
 Dissertation Chairperson: D. R. Howland

Kelly Anne Mongiovi, Bachelor of Arts, 2000, Master of Education, 2006, University of Florida  
 Major: *Higher Education Administration*  
 Dissertation: Faculty Provisions of Accommodations for Students with Disabilities in Higher Education: An Analysis of Community College Faculty in the Traditional, Hybrid, and Online Mathematics Course Teaching Environments  
 Dissertation Chairperson: D. F. Campbell

Karienn Antoniuk Souza Montgomery, Bachelor of Science in Biochemistry, 2006, Texas A&M University at College Station  
 Major: *Medical Sciences—Neuroscience*  
 Dissertation: Detecting Early Cognitive and Synaptic Changes in an Amyloid Beta Mouse Model of Alzheimer's Disease  
 Dissertation Chairperson: J. L. Bizon

Mariellen Jeannie Moore, Doctor of Pharmacy, 2007, University of Florida  
 Major: *Pharmaceutical Sciences—Pharmacy*  
 Dissertation: Dysglycemic Effects of Antihypertensive Medications: Clinical, Genetic, and Molecular Predictors  
 Dissertation Chairperson: J. A. Johnson

Augustine Muwamba, Bachelor of Science in Agriculture, 2005, Makerere University—Uganda; Master of Science, 2007, University of Florida  
 Major: *Soil and Water Science*  
 Minor: *Agricultural and Biological Engineering*  
 Dissertation: Effect of Water Table Depth on Phosphorus and Nitrogen Movement in Dominant Mineral Soils Used for Sugarcane Production in Southwest Florida  
 Dissertation Chairperson: K. T. Morgan  
 Dissertation Cochairperson: P. Nkedi-Kizza

Lisa Marie Nackers, Bachelor of Arts in Psychology *summa cum laude*, 2004, University of Wisconsin at Eau Claire; Master of Science, 2008, Master of Public Health, 2010, University of Florida  
 Major: *Psychology: Clinical and Health Psychology*  
 Dissertation: Is a Fast or Slow Rate of Weight Loss Associated with Greater Long-Term Weight Loss Maintenance? The Effects of Prescribing Mild or Moderate Calorie Restriction Goals  
 Dissertation Chairperson: M. G. Perri

Sara Nash, Bachelor of Arts *cum laude*, 2002, Master of Education, 2007, Specialist in Education, 2007, University of Florida  
 Major: *Mental Health Counseling*  
 Dissertation: Exploring Relational Health and Comfort with Closeness in Student Counselor Development  
 Dissertation Chairperson: S. Smith  
 Dissertation Cochairperson: W. D. Griffin

Frederick Leonard Nelson, Bachelor of Science in Education, 1997, Master of Science in Secondary Education, 2003, Kansas State University  
 Major: *Curriculum and Instruction*  
 Dissertation: Conceptions of and Intentions for the Teaching of Reflection by Science Teacher Educators in University-Based Science Teacher Education Programs  
 Dissertation Chairperson: R. M. Pringle

Derrick Richard Newkirk, Bachelor of Science in Geology, 2004, Indiana University-Purdue University Indianapolis; Master of Science, 2007, University of Florida  
 Major: *Geology*  
 Dissertation: The Impact of Climate Change and Tectonic Events on Ocean Circulation in the Miocene to Pliocene  
 Dissertation Chairperson: E. E. Martin

Robert Ng, Bachelor of Science, 2006, National Taiwan University  
 Major: *Medical Sciences—Biochemistry and Molecular Biology*  
 Dissertation: Structural Characterization of Adeno-Associated Viruses Serotype 1 and 6 Glycan Binding Interactions: Implication for Gene Delivery Vector  
 Dissertation Chairperson: M. Agbandje-McKenna

Corinne Allison Novell, Bachelor of Science in Psychology, 2007, University of Georgia; Master of Science, 2010, University of Florida  
 Major: *Psychology*  
 Dissertation: The Effects of Theories of Intelligence and Task Outcome on Avoidance of Performance Feedback  
 Dissertation Chairperson: J. A. Shepperd

Teresia Wanjiru Nyoike, Bachelor of Science in Agriculture, 2001, University of Nairobi—Kenya; Master of Science, 2007, University of Florida  
 Major: *Entomology and Nematology*  
 Dissertation: Incorporating Economic Thresholds and Geospatial Information Technology (GIT) into Pest Management for Twospotted Spider Mites in Strawberries  
 Dissertation Chairperson: O. E. Liburd

Amanda May N'zi, Bachelor of Science in Psychology, 2007, Milligan College—Tennessee; Master of Science, 2009, University of Florida  
 Major: *Psychology—Clinical and Health Psychology*  
 Dissertation: Child Directed Interaction Training with Kinship Foster Caregivers: An Evaluation of Parenting Outcomes and Caregiver Benefits  
 Dissertation Chairperson: S. M. Eyberg

Starlyn Leinani Mitsuko Okada, Bachelor of Science in Microbiology, 2005, Bachelor of Arts in Japanese, 2005, University of Washington at Seattle  
 Major: *Medical Sciences—Immunology and Microbiology*  
 Dissertation: Characterization of Human IL-15-Induced Dendritic Cells and Molecular Signaling Mechanisms Involved in Dendritic Cell Maturation and Immune Functions  
 Dissertation Chairperson: L. Chang

Sean Samuel O'Neil, Bachelor of Arts, 1999, Dalhousie University—Canada; Master of Arts in Latin American Studies, 2003, Ohio University  
 Major: *Religion*  
 Dissertation: Contested Combinations: Evangelical, Pentecostal, and Catholic Convergence Among Latin Americans and U.S. Latinos in the Anglican Communion  
 Dissertation Chairperson: A. L. Peterson  
 Dissertation Cochairperson: M. A. Vasquez

Jason Southall Orrock, Bachelor of Science in Family and Child Development, 1999, Virginia Polytechnic Institute and State University; Master of Education, 2008, University of Virginia  
 Major: *Marriage and Family Counseling*  
 Dissertation: Understanding the Lived Experiences of At-Risk Black Males as It Relates to Their Academic Success  
 Dissertation Chairperson: M. Clark

Laura Padilla, Bachelor of Science in Nuclear Engineering *summa cum laude*, 2006, Master of Science, 2008, University of Florida  
 Major: *Biomedical Engineering*  
 Dissertation: A 3D Canine Hybrid Phantom and Software for Radiopharmaceutical Therapy Dosimetry  
 Dissertation Chairperson: W. E. Bolch

Hridis Kumar Pal, Master of Science in Physics, 2006, Indian Institute of Technology Bombay; Master of Science, 2009, University of Florida  
 Major: *Physics*  
 Dissertation: Some Aspects of Electronic Transport in Graphite and Other Materials  
 Dissertation Chairperson: D. Maslov

Jean Alcaraz Palmes, Bachelor of Science in Chemistry, 1998, University of the Philippines at Los Banos  
 Major: *Chemistry*  
 Dissertation: Metal-Catalyzed Spiroketalizations of Monoallylic Ketodiols  
 Dissertation Chairperson: A. S. Aponick

Miao Pan, Bachelor of Engineering, 2004, Dalian University of Technology—China; Master of Engineering, 2007, Beijing University of Posts and Telecommunications—China  
 Major: *Electrical and Computer Engineering*  
 Dissertation: Spectrum Management in Multi-Hop Cognitive Radio Networks: Architecture, Modeling, and Design  
 Dissertation Chairperson: Y. Fang

Hanna Park, Bachelor of Political Science, 2006, Master of Arts in Communication, 2008, Hankuk University of Foreign Studies—South Korea; Master of Arts in Mass Communication, 2009, University of Florida  
 Major: *Mass Communication*  
 Dissertation: The Effect of CSR-Crisis Relevance on Consumers' Blame Attributions and Effective Post-Crisis Response Strategies  
 Dissertation Chairperson: L. L. Hon

Sohyun Park, Bachelor of Science in Mathematics, 1998, Master of Science in Biology, 2000, Master of Science in Physics, 2004, Pusan National University—South Korea  
 Major: *Physics*  
 Dissertation: Scalar Contribution to the Graviton Self-Energy During Inflation  
 Dissertation Chairperson: R. P. Woodard

Nicolette Maria Luney Parr, Bachelor of Arts *summa cum laude*, 2002, University of Florida; Master of Science in Human Biology, 2005, University of Indianapolis—Indiana  
 Major: *Anthropology*  
 Dissertation: A Diachronic Assessment of Health and Disease from the Adult Dentition of the Naton Beach Burial Complex in Tumon Bay, Guam  
 Dissertation Chairperson: M. W. Warren

Srivatsan Parthasarathy, Bachelor of Engineering in Electrical and Electronics Engineering, 2003, University of Madras—India; Master of Science, 2007, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: Strain Effects in Long to Short Channel MOSFETs: From Drift-Diffusion to Quasi-Ballistic Transport  
 Dissertation Chairperson: S. Thompson  
 Dissertation Cochairperson: T. Nishida

Michelle Andrea Phillips, Bachelor of Science in Business Administration, 2007, University of Central Florida; Master of Arts, 2011, University of Florida  
 Major: *Economics*  
 Dissertation: Government Involvement on Limiting Choice in Schools and on Firm Performance Through Subsidies  
 Dissertation Chairperson: L. W. Kenny

Ysabel Polanco Lopez de Mesa, Titulo de Medico y Cirujano, 1999, Universidad de Antioquia—Colombia; Master of Arts, 2003, University of Florida  
 Major: *Public Health*  
 Dissertation: Factors Related to the Use of Synthestic Pesticides Among Agricultural Rural Communities in Colombia: Implications for Human Health, Rural Development, and Conservation  
 Dissertation Chairperson: B. Curbow

Leslie Kemp Poole, Master of Liberal Studies, 1991, Rollins College—Florida  
 Major: *History*  
 Dissertation: Let Florida Be Green: Women, Activism, and the Environmental Century, 1900-2000  
 Dissertation Chairperson: J. E. Davis

Sammy J. Popwell, Bachelor of Science in Chemistry, 2005, University of Southern Mississippi; Master of Science, 2009, University of Florida  
 Major: *Materials Science and Engineering*  
 Dissertation: Polymer Therapies for Treating Pediatric Osteosarcoma  
 Dissertation Chairperson: C. D. Batich  
 Dissertation Cochairperson: K. B. Wagener

Angie Christine Querim, Bachelor of Arts in Psychology, 2003, University of Rhode Island; Master of Science, 2006, Northeastern University—Massachusetts  
 Major: *Psychology*  
 Dissertation: Functional Analysis Screening for Problem Behavior Maintained by Automatic Reinforcement  
 Dissertation Chairperson: B. Iwata

Emiliano Esterici Ramalho, Titulo de Biologo, 2004, Universidade Federal do Rio de Janeiro—Brazil; Mestre em Ciencias Biologicas, 2006, Universidade Federal do Amazonas—Brazil  
 Major: *Wildlife Ecology and Conservation*  
 Dissertation: Jaguar (*Panthera Onca*) Population Dynamics, Feeding Ecology, Human Induced Mortality, and Conservation in the Varzea Floodplain Forests of Amazonia  
 Dissertation Chairperson: M. B. Main

Deepak Rangarajan, Bachelor of Technology in Chemical Engineering, 2008, National Institute of Technology—India; Master of Science, 2010, University of Florida  
 Major: *Chemical Engineering*  
 Dissertation: Predicting Gas-Solid Bubbling Bed Flows Using Continuum Modeling  
 Dissertation Chairperson: J. S. Curtis

- Robert William Regenhardt, Bachelor of Science, 2008, University of Florida  
Major: *Medical Sciences—Physiology and Pharmacology*  
Dissertation: Understanding the Cerebroprotective Actions of the Ace2/Ang-(1-7)/Mas Axis During Ischemic and Hemorrhagic Stroke  
Dissertation Chairperson: C. Sumners
- Craig Thomas Rinne, Bachelor of Arts in English, 1993, Carleton College—Minnesota; Master of Arts in Communication, 1996, University of Iowa  
Major: *English*  
Dissertation: The End of History and America First: 1990s Hollywood Westerns and Post-Cold War America  
Dissertation Chairperson: P. E. Wegner
- Raul Eduardo Riveros, Bachelor of Science in Mechanical Engineering, 2007, Master of Science, 2009, University of Florida  
Major: *Mechanical Engineering*  
Dissertation: Magnetic Field-Assisted Finishing of Micropore X-Ray Optics  
Dissertation Chairperson: H. Greenslet
- Sarah Beth Rockwell, Bachelor of Arts in Education *cum laude*, 2004, Master of Education, 2007, University of Florida  
Major: *Special Education*  
Dissertation: Teaching Students with Autism to Solve Additive Word Problems Using Schema-Based Strategy Instruction  
Dissertation Chairperson: C. C. Griffin
- Alana Marie Rojewski, Bachelor of Arts in Psychology *magna cum laude*, 2006, Denison University—Ohio; Master of Science, 2009, University of Florida  
Major: *Psychology*  
Dissertation: An Internet-Based Tailored Feedback Intervention for Smoking Cessation  
Dissertation Chairperson: J. Dallery
- Brandon E. Ross, Bachelor of Science in Architectural Engineering, 2001, Master of Science in Civil Engineering, 2002, University of Wyoming  
Major: *Civil Engineering*  
Dissertation: Function and Design of Confinement Reinforcement in Pretensioned Concrete I-Girders  
Dissertation Chairperson: H. R. Hamilton  
Dissertation Cochairperson: G. R. Consolazio
- Arnab Roy, Bachelor of Mechanical Engineering, 2007, Jadavpur University—India  
Major: *Aerospace Engineering*  
Dissertation: Subcritical and Supercritical Fuel Injection and Mixing in Multi-Species Systems  
Dissertation Chairperson: C. Segal
- Brandon Keith Sack, Bachelor of Science, 2006, University of Florida  
Major: *Medical Sciences—Immunology and Microbiology*  
Dissertation: Strategies for Tolerance Induction and Correction of Mouse Model of Hemophilia A Using Liver Directed AAV-Mediated Gene Therapy and B Cell Depletion  
Dissertation Chairperson: R. Herzog
- Cihan Sahin, Muhendis Diplomasi, 2005, Yuksek Lisans Diplomasi, 2007, Yildiz Teknik Universitesi—Turkey  
Major: *Coastal and Oceanographic Engineering*  
Dissertation: Muddy Sea-Floor Response to Wave Action, Atchafalaya Shelf, Louisiana, USA  
Dissertation Chairperson: A. Sheremet
- Luis Gonzalo Sanchez Giraldo, Titulo de Ingeniera Electronico, 2005, Magister en Ingenieria Automatizacion Industrial, 2008, Universidad Nacional de Colombia  
Major: *Electrical and Computer Engineering*  
Dissertation: Reproducing Kernel Hilbert Space Methods for Information Theoretic Learning  
Dissertation Chairperson: J. C. Principe
- Pio Saqui, Bachelor of Science, 1996, Master of Science, 1998, Colorado State University  
Major: *Anthropology*  
Dissertation: The Transmission of Traditional Ecological Knowledge Drivers Within Mopan Maya Milpa Communities of Belize  
Dissertation Chairperson: A. F. Burns
- Daniel J. Sargeant, Bachelor of Arts, 1989, Providence College—Rhode Island; Master of Arts, 1992, University of Rhode Island; Master of Arts, 2006, University of Florida  
Major: *Health and Human Performance*  
Minor: *History*  
Dissertation: Place Bonding, Fan Identification, Nostalgia, and Fenway's Future: An Investigation of Red Sox Nation  
Dissertation Chairperson: H. J. Gibson
- Dabraj Sarkar, Bachelor of Science in Electrical and Electronic Engineering, 2003, Bangladesh University of Engineering and Technology at Dhaka  
Major: *Electrical and Computer Engineering*  
Dissertation: Design Optimization of Thin Crystalline-Silicon Solar Cells  
Dissertation Chairperson: J. G. Fossum
- Oleksandr Savenkov, Diplom Bakalavra, 2005, Donetsk National University—Ukraine  
Major: *Statistics*  
Dissertation: Novel Methods for Time Series Data in Clinical Studies  
Dissertation Chairperson: S. S. Wu
- Edward Camaligan See, Bachelor of Science in Applied Economics, 1998, Master of Science in Economics, 2004, De La Salle University—Philippines  
Major: *Economics*  
Dissertation: Essays on the Economics of Higher Education  
Dissertation Chairperson: L. W. Kenny
- Quisto Dossey Settle, Bachelor of Arts, 2007, Angelo State University—Texas; Master of Science, 2008, Texas Tech University  
Major: *Agricultural Education and Communication*  
Dissertation: Florida Residents' Perceptions of the Florida Forest Service Brand  
Dissertation Chairperson: R. W. Telg
- Ajay Sharma, Bachelor of Science in Forestry, 2001, Dr. Yashwant Singh Parmar University of Horticulture and Forestry—India; Master of Science in Forestry, 2005, Gujarat Agricultural University—India  
Major: *Forest Resources and Conservation*  
Dissertation: Role of Uneven-Aged Silviculture and the Soil Seed Bank in Restoration of Longleaf Pine-Slash Pine Ecosystems  
Dissertation Chairperson: S. Jose  
Dissertation Cochairperson: K. K. Bohn
- Lijia Shi, Bachelor of Engineering, 2006, Shanghai Jiaotong University—China; Master of Science in Applied Economics, 2008, City University of Hong Kong  
Major: *Food and Resource Economics*  
Dissertation: Three Essays on the Elicitation of Willingness-To-Pay  
Dissertation Chairperson: L. O. House  
Dissertation Cochairperson: Z. Gao
- Shannon Marie Sisco, Bachelor of Arts in Psychology, 2004, Calvin College—Michigan; Master of Science, 2008, University of Florida  
Major: *Psychology—Clinical and Health Psychology*  
Dissertation: Neighborhood Influences on Cognitive Level and Training Gains in the Active Study  
Dissertation Chairperson: M. Marsiske
- Jung Eun Son, Bachelor of Engineering, 2001, Chosun University—South Korea; Master of Science, 2004, University of Florida  
Major: *Electrical and Computer Engineering*  
Dissertation: Adaptive and Robust Controls for Uncertain Linear and Nonlinear Systems  
Dissertation Chairperson: H. A. Latchman  
Dissertation Cochairperson: P. Khargonekar
- Min Cheol Song, Bachelor of Engineering, 1998, Chung Ang University—South Korea; Master of Science in Mechanical Engineering, 2001, Korea Advanced Institute of Science and Technology—South Korea  
Major: *Mechanical Engineering*  
Dissertation: Effect of Translaminar Reinforcements and Hybridization on Damage Resistance and Tolerance of Composite Laminates  
Dissertation Chairperson: B. V. Sankar  
Dissertation Cochairperson: G. Subhash

Sibel Bilge Sonuc, Bachelor of Science in Industrial Engineering, 2005, Master of Science in Industrial Engineering, 2007, Koc University—Turkey

Major: *Industrial and Systems Engineering*

Dissertation: Multi-Stage MIP Formulation and Exact Solution Approaches for Large Scale Network Problems

Dissertation Chairperson: J. Smith

Alexey Valentinovich Sorokin, Qualification of Engineer, 2008, Voronezh State Technical University—Russia;

Master of Science, 2010, University of Florida

Major: *Industrial and Systems Engineering*

Dissertation: Modeling and Optimization Techniques for Ensuring Resilience in Heterogeneous Networked Systems

Dissertation Chairperson: P. M. Pardalos

Dissertation Cochairperson: V. L. Boginski

Douglas Kyle Sparks, Bachelor of Science, 2006, Bachelor of Arts *cum laude*, 2006, University of Florida

Major: *Statistics*

Dissertation: Posterior Consistency of Bayesian Regression Models

Dissertation Chairperson: M. Ghosh

Dissertation Cochairperson: K. Khare

Donald John Spence, Bachelor of Science in Biology, 1994, Stetson University—Florida; Master of Science in Biology, 1998, University of Central Florida

Major: *Plant Pathology*

Dissertation: The Survival and Longevity of *Raffaella Lauricola* and the Redbay Ambrosia Beetle (*Xyleborus Glabratus*) in Chipped and Intact Wood

Dissertation Chairperson: J. A. Smith

Mary Louise Steffel, Bachelor of Arts in Psychology, 2004, Columbia University—New York; Master of Arts, 2006, Doctor of Philosophy in Psychology, 2009, Princeton University—New Jersey

Major: *Business Administration—Marketing*

Dissertation: Social Comparison in Decisions for Others: Considering Multiple Gift Recipients Leads to Over-Individualized and Less Liked Gifts

Dissertation Chairperson: R. A. LeBoeuf

Mary Anne Steinberg, Bachelor of Arts in Education, 1989, Master of Education, 1990, University of Florida

Major: *Special Education*

Dissertation: Secondary Special Education Teachers' Usage of Technology for Instruction

Dissertation Chairperson: H. B. Lane

Misty Michele Stroud, Bachelor of Science in Geology, 2004, University of Houston—Texas; Master of Science, 2007, Boston College—Massachusetts

Major: *Geology*

Dissertation: Paleoproterozoic Tectonic Evolution of the SW Laurentian Margin: A Combined Geochronological, Isotopic, and Geochemical Study of the Farmington Canyon Complex and Grouse Creek Block

Dissertation Chairperson: D. A. Foster

Dissertation Cochairperson: P. A. Mueller

Marisa Ramirez Stukey, Bachelor of Arts in Education, 1998, Master of Education, 1999, University of Florida

Major: *Curriculum and Instruction*

Dissertation: Understanding Professional Learning in Action: A Case Study of a Research-Based Professional Learning Program

Dissertation Chairperson: N. L. Dana

Dissertation Cochairperson: A. Adams

Yu-Min Su, Bachelor of Science in Civil Engineering, 1997, Master of Science, 2002, National Central University—Taiwan

Major: *Civil Engineering*

Dissertation: Characterization of Concrete Containing Reclaimed Asphalt Pavement by Creep Test, Superpave Indirect Tensile Test, and X-Ray Computed Tomography

Dissertation Chairperson: M. Tia

Sankrith Subramanian, Bachelor of Engineering, 2006, Anna University—India; Master of Science, 2009, University of Florida

Major: *Electrical and Computer Engineering*

Dissertation: Control Techniques in Dynamic Communication Networks

Dissertation Chairperson: W. E. Dixon

Dissertation Cochairperson: J. M. Shea

Kelly Michael Sullivan, Bachelor of Science in Industrial Engineering *summa cum laude*, 2006,

Master of Science in Industrial Engineering, 2008, University of Arkansas

Major: *Industrial and Systems Engineering*

Dissertation: Two-Level System Interdiction

Dissertation Chairperson: J. Smith

Dylan McCord Sweeney, Bachelor of Science, 2006, University of Hawaii at Manoa

Major: *Physics*

Dissertation: Laser Communications for LISA and the University of Florida LISA Interferometry Simulator

Dissertation Chairperson: G. Muller

Sha Tao, Bachelor of Agriculture, 2004, Master of Agriculture, 2007, Henan University of Technology—China

Major: *Animal Molecular and Cellular Biology*

Dissertation: Effect of Heat Stress During the Dry Period on Dairy Cattle

Dissertation Chairperson: G. E. Dahl

Mohamad Tarifi, Bachelor of Engineering, 2004, American University of Beirut—Lebanon; Master of Science, 2007, University of Florida

Major: *Computer Engineering*

Dissertation: Foundations Towards an Integrated Theory of Intelligence

Dissertation Chairperson: M. Sitharam

Gregory Gordon Taylor, Bachelor of Arts in Education *cum laude*, 1997, Master of Education, 1998, University of Florida

Major: *Special Education*

Dissertation: Teacher Reports of Verbal Aggression in School Settings Among Students with Emotional and Behavioral Disorders

Dissertation Chairperson: S. W. Smith

Isabel Appleton Thompson, Bachelor of Arts, 2002, New College of Florida; Master of Arts, 2006,

University of Central Florida

Major: *Mental Health Counseling*

Dissertation: Perceived Working Conditions and Personal Resources Predicting Mental Health Counselor Well-Being

Dissertation Chairperson: E. S. Amatea

Kyle Joseph Thompson, Bachelor of Science, 2006, University of Massachusetts at Amherst

Major: *Physics*

Dissertation: Energy Decay in Superfluid Helium 4

Dissertation Chairperson: G. G. Ihas

Yuan Tian, Bachelor of Engineering, 2005, Huazhong University of Science and Technology—China; Master of Engineering, 2008, Nanjing University—China

Major: *Agricultural and Biological Engineering*

Dissertation: Transport and Environmental Applications of Carbon Nanotubes in Porous Media

Dissertation Chairperson: B. Gao

Dissertation Cochairperson: G. Kiker

Allison Leigh Timbs, Bachelor of Arts in Criminology, 2001, Arkansas State University; Master of Science in Criminology, 2003, Florida State University; Master of Arts in Humanities and Social Sciences, 2006,

Arkansas State University

Major: *Criminology, Law, and Society*

Dissertation: The Year of the Ox: Social Bonding Theory and Juvenile Delinquency in a 1973 Chinese Birth Cohort

Dissertation Chairperson: R. L. Akers

Marcus Eusebio Tirado, Bachelor of Arts in Chemistry, 1994, Rutgers, The State University of New Jersey

Major: *Chemistry*

Dissertation: Gas-Phase Rearrangement Chemistry of bn Peptide Fragment Ions Probed via Synthetic Strategies and Mass Spectroscopic Techniques: Effect of Size and Residues

Dissertation Chairperson: N. C. Polfer

Edgardo Javier Toro-Quiones, Bachelor of Arts in Biology, 1998, University of Missouri at Kansas City;  
 Doctor of Dental Medicine, 2004, University of Puerto Rico at Medical Sciences Campus  
 Major: *Medical Sciences—Molecular Cell Biology*  
 Dissertation: Characterization of Enoxacin: A Novel Vacuolar H<sup>+</sup> ATPase-Directed Osteoclast Inhibitor  
 Dissertation Chairperson: L. S. Holliday

Zehra Tosun, Lisans, 2007, Ankara Universitesi—Turkey  
 Major: *Biomedical Engineering*  
 Dissertation: Evaluation of Improved Recellularization Strategies and the Influence of Physiological Mechanical Stimuli on Remodeling Events of Engineered Vascular Tissues  
 Dissertation Chairperson: P. McFetridge

Katie Marie Tricarico, Bachelor of Science in Elementary Education, 2000, University of South Florida;  
 Master of Arts in Education, 2007, University of Florida  
 Major: *Curriculum and Instruction*  
 Dissertation: Perspectives and Practices of Graduates of an Urban Teacher Residency Program  
 Dissertation Chairperson: D. D. Ross

Jennifer Lynn Twyman, Bachelor of Science in Agricultural Economics, 2002, Master of Science in Agricultural Economics, 2005, University of Missouri at Columbia  
 Major: *Food and Resource Economics*  
 Dissertation: Intra-Household Distribution of Assets and Wealth in Ecuador  
 Dissertation Chairperson: C. Deere

Kamuran Erdem Uguz, Bachelor of Science in Chemical Engineering, 2004, Yildiz Technical University—Turkey;  
 Master of Science in Chemical Engineering, 2007, Bogazici University—Turkey  
 Major: *Chemical Engineering*  
 Dissertation: Evaporative Instability in Binary Mixtures  
 Dissertation Chairperson: R. Narayanan

Christina Johanna Van Houten, Bachelor of Arts in English and History *magna cum laude*, 2005, Stetson University—Florida;  
 Master of Arts, 2007, University of Florida  
 Major: *English*  
 Dissertation: Global Villages: Modernism and the Regional Framework for the American Century  
 Dissertation Chairperson: S. E. Hegeman

Dimitri O. Van Simaey, Industriel Ingenieur in Chemie, 2004, Hogeschool West-Vlaanderen—Belgium;  
 Master of Molecular Biotechnology, 2005, University of Ghent—Belgium  
 Major: *Chemistry*  
 Dissertation: DNA Aptamers for Biomarker Discovery in Ovarian Cancer  
 Dissertation Chairperson: W. Tan

Hannah Beth Vander Zanden, Bachelor of Arts in Biology, 2003, Pomona College—California  
 Major: *Zoology*  
 Dissertation: Interpreting Sea Turtle Trophic Ecology Through Stable Isotope Analysis  
 Dissertation Chairperson: K. Bjorndal

Louise S. Venne, Bachelor of Science in Chemistry, 2003, Bachelor of Science in Wildlife, 2003, University of Wisconsin at Stevens Point; Master of Science in Environmental Toxicology, 2006, Texas Tech University  
 Major: *Wildlife Ecology and Conservation*  
 Dissertation: Wading Bird (*Ciconiiformes*) Response to Fire and the Effects of Fire in the Everglades  
 Dissertation Chairperson: P. C. Frederick

Audrey Severine Viguier, Master of Arts in French, 2007, University of South Florida  
 Major: *Romance Languages—French and Francophone Studies*  
 Dissertation: Litterature(s) Radicale(s) de la Revolution Francaise: Exemples et Representations dans le Theatre d'Olympe de Gouges et les Pamphlets de Paris et de Toulouse (1789-1791)  
 Dissertation Chairperson: W. C. Calin  
 Dissertation Cochairperson: R. I. Bloom

Jonathan Paul Walter, Bachelor of Science in Aerospace Engineering *magna cum laude*, 2007, Master of Science, 2011, University of Florida  
 Major: *Mechanical Engineering*  
 Dissertation: EMG-Based Muscle Force Estimation  
 Dissertation Chairperson: B. J. Fregly

Laura H. Waltrip, Bachelor of Science in Marketing, 1988, University of West Florida; Master of Science in Higher Education, 1993, Florida State University  
 Major: *Higher Education Administration*  
 Dissertation: Voices from the Field: Stories of Women Who Chose to Leave Their Careers as Student Affairs Professionals  
 Dissertation Chairperson: L. Ponjuan

Bin Wan, Bachelor of Science in Agriculture, 1984, Southwest Agricultural College—China;  
 Master of Arts in Visual and Performing Arts, 1998, Purdue University—Indiana  
 Major: *Forest Resources and Conservation*  
 Dissertation: Assessing Sustainability of Nature-Based Tourism/Recreation Along Florida National Scenic Trail  
 Dissertation Chairperson: T. V. Stein

Ji Wang, Bachelor of Natural Science, 2006, University of Science and Technology of China; Master of Science, 2008, University of Florida  
 Major: *Astronomy*  
 Dissertation: Toward Massive Detection of Planets Around M Dwarfs Using the Radial Velocity Technique  
 Dissertation Chairperson: J. Ge

Xiaohong Wang, Bachelor of Arts in Finance, 2004, Dongbei University of Finance and Economics—China;  
 Master of Science in Applied Statistics, 2007, Master of Arts in Economics, 2007, Bowling Green State University—Ohio  
 Major: *Business Administration—Finance*  
 Dissertation: Three Essays on Bank Loans  
 Dissertation Chairperson: M. J. Flannery

Ye Wang, Bachelor of Philosophy, 2007, Peking University—China; Master of Arts in Education, 2010, University of Florida  
 Major: *Educational Psychology*  
 Minor: *Research and Evaluation Methodology*  
 Dissertation: The Relationship Between Working Memory and Intelligence: Deconstructing the Working Memory Task  
 Dissertation Chairperson: D. Theriault

Zhe Wang, Bachelor of Engineering in Electronics and Information Engineering, 2007, Huazhong University of Science and Technology—China; Master of Science, 2012, University of Florida  
 Major: *Computer Engineering*  
 Dissertation: Thermal-Aware Task Scheduling on Multicore Processors  
 Dissertation Chairperson: S. Ranka

Bethany Caitlin Wangelin, Bachelor of Science in Psychology, 2004, University of North Carolina at Chapel Hill;  
 Master of Science, 2008, University of Florida  
 Major: *Psychology—Clinical and Health Psychology*  
 Dissertation: Attention Capture and Affective Engagement by Emotional Facial Expressions and Naturalistic Scenes: Implications for Social Anxiety  
 Dissertation Chairperson: P. J. Lang

Dawn Teresa Ward, Bachelor of Arts in Anthropology, 1998, New York University; Magister en Anthropologia y Desarrollo, 2003, Universidad de Chile  
 Major: *Interdisciplinary Ecology*  
 Dissertation: Why Should We Certify Our Forests? Factors That Influence the Adoption and Maintenance of Forest Certification in Quintana Roo, Mexico  
 Dissertation Chairperson: C. McCarty  
 Dissertation Cochairperson: J. R. Stepp

Thomas James Watson Jr., Bachelor of Science in Mathematics, 2007, Bachelor of Science in Chemistry, 2007, Rhode Island College  
Major: *Chemistry*  
Dissertation: Extending the Capabilities of Accurate Ab Initio Methods: Novel Algorithms and Massively Parallelizable Implementations for Feasible Calculations  
Dissertation Chairperson: R. J. Bartlett

Adam Courtney Watts, Bachelor of Science in Biology, 1999, Emory University—Georgia; Master of Science, 2002, University of Florida  
Major: *Interdisciplinary Ecology*  
Dissertation: Wildfire Ecology of Big Cypress National Preserve: Process and Disturbance in a Wetland Landscape  
Dissertation Chairperson: L. N. Kobziar

Michael Brice Wayson, Bachelor of Science in Nuclear Engineering *cum laude*, 2007, Master of Science, 2009, University of Florida  
Major: *Biomedical Engineering*  
Dissertation: Computational Internal Dosimetry Methods as Applied to the University of Florida Series of Hybrid Phantoms  
Dissertation Chairperson: W. E. Bolch

Dayne Marco West, Bachelor of Science in Chemistry, 2008, Delaware State University  
Major: *Medical Sciences—Biochemistry and Molecular Biology*  
Dissertation: Structural Modification of Human Carbonic Anhydrase II (HCAII) and Its Impact on Catalysis  
Dissertation Chairperson: R. McKenna  
Dissertation Cochairperson: D. N. Silverman

Cristina Maria Whitehouse, Artium Baccalaureus in Psychology *magna cum laude*, 1995, Rollins College—Florida; Master of Science, 2010, University of Florida  
Major: *Psychology*  
Dissertation: Evaluations of Placement and Activity Preferences in Foster Care  
Dissertation Chairperson: T. R. Vollmer

Kiara Sage Winans, Bachelor of Arts, 1998, University of Florida; Master of Arts, 2004, Antioch University Seattle—Washington; Master of Science, 2008, University of Florida  
Major: *Soil and Water Science*  
Minor: *Agricultural and Biological Engineering*  
Dissertation: Soil Organic Carbon Studies in Semi-Arid Tropical India  
Dissertation Chairperson: K. R. Reddy  
Dissertation Cochairperson: E. A. Hanlon

Karrune Veeraprasert Woan, Bachelor of Science in Biochemistry and Microbiology, 2006, University of Miami—Florida  
Major: *Medical Sciences—Immunology and Microbiology*  
Dissertation: The Role of HDAC6 and HDAC11 in Shaping Anti-Tumor—Insights into Epigenetic Regulation of Tumor and T-Cell Immunobiology  
Dissertation Chairperson: W. T. McCormack

Edward J Wrzesniewski, Bachelor of Science in Materials Science and Engineering, 2008, Carnegie Mellon University—Pennsylvania; Master of Science, 2009, University of Florida  
Major: *Materials Science and Engineering*  
Dissertation: Structural and Optical Enhancement of Organic Light Emitting Diodes  
Dissertation Chairperson: J. Xue

Yuning Wu, Bachelor of Natural Science, 2006, University of Science and Technology of China  
Major: *Physics*  
Dissertation: First-Principles Simulations in Multiple Dimensions: Nano-Particles, Surface, and Bulk  
Dissertation Chairperson: H. Cheng  
Dissertation Cochairperson: A. Biswas

Zheng Xiang, Bachelor of Literature, 2004, Sichuan University—China; Master of Science in Journalism and Mass Communication, 2007, Iowa State University  
Major: *Mass Communication*  
Dissertation: The Internet and Political Liberalization: From a Historical Perspective  
Dissertation Chairperson: S. K. Kiouis

Yuchen Xie, Bachelor of Science, 2006, Peking University—China; Master of Science, 2012, University of Florida  
Major: *Computer Engineering*  
Dissertation: Geometric Approaches to Group-Wise Image Analysis  
Dissertation Chairperson: B. C. Vemuri

Hongsheng Xu, Bachelor of Engineering, 2002, Tsinghua University—China; Master of Science, 2008, University of Florida  
Major: *Industrial and Systems Engineering*  
Dissertation: Electricity Blackout and Power Security: Survey and Analysis  
Dissertation Chairperson: P. M. Pardalos

Ming-Che Yang, Bachelor of Science in Applied Chemistry, 1999, National Chiao Tung University—Taiwan; Master of Science, 2001, National Tsing-Hua University—Taiwan  
Major: *Materials Science and Engineering*  
Dissertation: Strategies to Improve the Electrochemical Performance of Electrodes for Li-Ion Batteries  
Dissertation Chairperson: Y. S. Meng  
Dissertation Cochairperson: R. K. Singh

QiaoLi Yang, Bachelor of Science, 2002, Nanjing University—China; Master of Science, 2007, University of Kentucky  
Major: *Physics*  
Dissertation: Axion BEC: A Model Beyond CDM  
Dissertation Chairperson: P. Sikivie

Bing Yao, Bachelor of Science, 2002, Master of Science, 2005, Ocean University of China  
Major: *Medical Sciences—Molecular Cell Biology*  
Dissertation: Gw182 Silences MicroRNA Targets by Divergent Functional Domains and Regulates MicroRNA Stability  
Dissertation Chairperson: E. K. Chan

Gonca Yildirim, Bachelor of Science in Industrial Engineering, 1998, Master of Science, 2001, Bilkent University—Turkey  
Major: *Industrial and Systems Engineering*  
Dissertation: A Demanufacturer's Optimal Acquisition, Pricing, and Inspection Planning Problems Under the Trade-Off Between Environmental Fees and Operational Costs  
Dissertation Chairperson: E. Akcali

Laura B. Zahodne, Bachelor of Science, 2005, University of Michigan at Ann Arbor; Master of Science, 2008, University of Florida  
Major: *Psychology—Clinical and Health Psychology*  
Dissertation: Components of Depression in Parkinson Disease: Relation to Psychophysiology and Affective Chronometry  
Dissertation Chairperson: D. Bowers

Mari Luz Zapata Ramos, Bachelor of Science in Business Administration, 2006, University of Puerto Rico at Mayaguez; Master of Advertising, 2009, University of Florida  
Major: *Mass Communication*  
Dissertation: Health and Nutritional Food Advertising Claims Influence on Advertising Communication Effectiveness: A Study of Hispanic and Non-Hispanic White Populations in the United States  
Dissertation Chairperson: J. R. Goodman

Can Zhang, Bachelor of Science, 2005, Ocean University of China  
Major: *Medical Sciences—Genetics*  
Dissertation: Epigenetic Regulation of Apoptosis During Development and Tumorigenesis in *Drosophila*  
Dissertation Chairperson: L. Zhou

Le Zhang, Bachelor of Management, 2005, Master of Management, 2007, Tianjin University—China; Master of Science, 2012, University of Florida  
Major: *Design, Construction, and Planning*  
Dissertation: Ontology-Based Web Services and Cloud Computing Frameworks for Building Information Modeling  
Dissertation Chairperson: R. Issa

Ou Zhang, Bachelor of Science in Computer Science, 1997, Chengdu University of Technology—China; Master of Education, 2007, Boston College—Massachusetts; Master of Arts in Education, 2010, University of Florida

Major: *Research and Evaluation Methodology*

Dissertation: Observed Score and True Score Equating for Multidimensional Item Response Theory Under Nonequivalent Group Anchor Test Design

Dissertation Chairperson: M. D. Miller

Dissertation Cochairperson: J. J. Algina

Tingting Zhang, Bachelor of Arts, 2008, Northwest A&F University—China

Major: *Horticultural Science—Horticultural Sciences*

Dissertation: Genetic and Environmental Control of Plant Architecture in *Arabidopsis* and Strawberry

Dissertation Chairperson: K. M. Folta

Yue Zhong, Bachelor of Medicine, 2008, Sichuan University—China

Major: *Health Services Research*

Dissertation: State Community Benefits Requirements and Private Hospitals Provision of Uncompensated Care

Dissertation Chairperson: N. L. McKay

Jiaqing Zhou, Bachelor of Engineering, 2006, Tongji University—China

Major: *Materials Science and Engineering*

Dissertation: The Application of Flow Synthesis System and Quality Control in the Nano Particle Manufacturing

Dissertation Chairperson: K. W. Powers

Zvinka Zoe Zlatar Ryan, Bachelor of Arts in Psychology *summa cum laude*, 2005, University of Nevada at Las Vegas; Master of Science, 2009, University of Florida

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Cognitive and Structural Brain Correlates of Physical Activity and Fitness in Aging: A Cross-Sectional Voxel-Based Morphometry Study

Dissertation Chairperson: B. A. Crosson

## DOCTOR OF EDUCATION

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Anna Louise Brown, Bachelor of Arts in Education *magna cum laude*, 1989, Master of Education, 1990, University of Florida

Major: *Educational Leadership*

Dissertation: The Cost Effectiveness of a Bonus Pay Plan for National Board Certified Teachers in High Poverty Elementary Schools in an Urban School District in Florida

Dissertation Chairperson: R. Wood

Amy Marie Eitzen, Bachelor of Science in Elementary Education, 2005, Wesley College—Delaware; Master of Education, 2007, Stetson University—Florida

Major: *Higher Education Administration*

Dissertation: Teacher Reading Certification Effects on Elementary Reading Outcomes: An Exploratory Multilevel Study of Teacher Preparation

Dissertation Chairperson: L. S. Behar-Horenstein

Allison Stewart Foster, Bachelor of Science in Business, 1995, Wake Forest University—North Carolina; Bachelor of Science in Elementary Education, 1997, Indiana University-Purdue University Indianapolis; Master of Arts in Elementary Education, 1999, University of South Florida

Major: *Educational Leadership*

Dissertation: A Public Policy Analysis Regarding the Expectation of Florida's Class Size Reduction Amendment

Dissertation Chairperson: R. Wood

Ginno Paoli Kelley, Bachelor of Science, 1998, Florida State University; Master of Education, 2005, Specialist in Education, 2005, University of Florida

Major: *Curriculum and Instruction*

Dissertation: Factors That Have an Effect on Students Scores on the Florida Algebra 1 End-of-Course Assessment in Algebra 1 Classrooms Using Interactive Whiteboard Tools

Dissertation Chairperson: K. M. Dawson

Dissertation Cochairperson: A. D. Ritzhaupt

Susan R. McNally, Bachelor of Science in Business Administration, 1980, Morehead State University—Kentucky; Master of Science, 2003, Florida State University

Major: *Educational Leadership*

Dissertation: The Effectiveness of Florida Virtual School in Terms of Cost and Student Achievement in a Selected Florida School District

Dissertation Chairperson: R. Wood

Michele Marie Meyer, Bachelor of Arts in Economics and Business, 1980, Loras College—Iowa; Master in Student Counseling and Personnel Services, 1998, University of South Florida; Specialist in Education, 2009, University of Florida

Major: *Educational Leadership*

Dissertation: Response to Intervention: A Teacher Team's Experiences and Challenges for District and School Leadership

Dissertation Chairperson: L. S. Behar-Horenstein

Sheryl Dale Rogers, Bachelor of Arts in Psychology, 1986, University of Virginia; Master of Education in Educational Leadership, 2003, Florida Gulf Coast University

Major: *Educational Leadership*

Dissertation: Limitations and Analysis of FERPA Policies Within Florida Public School Districts

Dissertation Chairperson: R. Wood

Katrina Graham Short, Bachelor of Arts in Literature, 1977, Master of Education, 1991, University of North Florida; Specialist in Education, 2007, University of Florida

Major: *Curriculum and Instruction*

Dissertation: The Perceptions of Peer Mentors and Mentees About the Process and Impact of Peer Mentoring

Dissertation Chairperson: D. D. Ross



**DOCTOR OF AUDIOLOGY**

Rebecca Joseph Blaha  
Barbara Nissen Foster  
Cherilyn Louise Kolling Larson  
Amy Ann Lears

Vesna Maric  
Cindy VanStrydonck McManus  
Alicia Collins Murphy

Vikrant Patil  
Connie Sieracki  
Dayse Távora-Vieira  
Roya Ziarati

**DOCTOR OF JURIDICAL SCIENCES IN TAXATION**

Hugo Anoms Hurtado

**DOCTOR OF NURSING PRACTICE**

Catherine G. Coyle

Julie Totterdale Anderson

René Walberto Zambrana



*Chain of Office*

An ornament worn with the president’s academic regalia symbolizing the authority and responsibilities incumbent with the office. The chain was presented in 2004 during the installation ceremony of President J. Bernard Machen. The medallion centerpiece is a 1.3-carat orange diamond engraved with the portraits, names and service years of the university’s 11 presidents. The Major Analytical Instruments Center at UF used ion beam engraving technology on the medallion. Also on the medallion are three .025-carat blue diamonds placed around the silhouette of the Century Tower and University Auditorium, signifying teaching, research and service. All four diamonds, donated by Gemesis Corp. of Sarasota, Florida, were grown using a process developed and patented by UF’s Department of Materials Science and Engineering.

*Academic Mace*

“Honoring the Past, Shaping the Future” was the signature of the University of Florida’s sesquicentennial celebration in 2003. It also was the inspiration for the ceremonial mace created and dedicated to mark this historic event. The mace dates back to the Middle Ages and symbolizes strength and authority; each is unique and reflects the values and characteristics of the institution. The university’s chief marshal, who leads all academic processions, carries the mace. Designed and crafted on the University of Florida campus, the mace artfully symbolizes those elements important to the university’s identity and history.



The 70-inch ceremonial staff combines traditional elements with modern styling. The stylized alligator rests on the globe signifying the University of Florida as an adaptable global leader in teaching, research and service. The four pillars supporting the globe represent the four original colleges; Agriculture, Engineering, Liberal Arts and Law. The cone holds the University of Florida Seal and words to the Alma Mater. The staff is carved from native cherry wood. The acorn finial depicts the adage “from tiny acorns mighty oaks do grow,” a commitment to life long learning. The brick pattern on the handle symbolizes higher education tradition and structure. Like the institution it represents, the mace is not static; growth and movement are expressed with loose rings engraved with the names of the university’s presidents and their years in office.

*University of Florida Tassels*

|   |                       |
|---|-----------------------|
| Fisher School of Accounting .....                     | Aqua                  |
| College of Agricultural and Life Sciences .....       | Maize                 |
| M.E. Rinker Sr. School of Building Construction ..... | Burnt Orange and Opal |
| Warrington College of Business .....                  | Drab                  |
| College of Dentistry .....                            | Lilac                 |
| College of Design, Construction and Planning.....     | Blue-Violet           |
| College of Education.....                             | Light Blue            |
| College of Engineering .....                          | Orange                |
| College of Fine Arts.....                             | Brown                 |
| The Graduate School .....                             | Black                 |
| College of Health and Human Performance .....         | Sage Green            |
| College of Journalism and Communications.....         | Black and White       |
| Fredric G. Levin College of Law.....                  | Purple                |
| College of Liberal Arts and Sciences, Arts .....      | White                 |
| College of Liberal Arts and Sciences, Sciences.....   | Gold-Yellow           |
| College of Medicine.....                              | Green                 |
| College of Nursing .....                              | Apricot               |
| College of Pharmacy .....                             | Olive Green           |
| College of Public Health and Health Professions ..... | Salmon                |
| College of Veterinary Medicine.....                   | Gray                  |



*Diplomas*

Diplomas will be mailed to the graduate’s permanent home mailing address in late October 2012. The permanent home mailing address can be verified through “My Account” – update my directory profile at my.ufl.edu.



## *Caps and Gowns, An Explanation*

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The academic costume worn by graduating students and faculty at today's commencement ceremonies evolved from a style of dress worn by members of guilds and religious orders in medieval times. The black academic gown is worn by individuals who have earned a degree in higher education. In addition, hoods are worn by graduate degree candidates, but not by undergraduate degree candidates.

At the University of Florida, the lining of the hood has a blue chevron on an orange background to represent the university colors. University faculty members who hold degrees from another college or university wear the colors of their alma mater.

The velvet edging on the academic hood is the color that represents the particular degree held by the wearer. Agricultural and Life Sciences and Forest Resources and Conservation share maize edging; Design, Construction and Planning and Building Construction are blue-violet; Audiology degrees have colonial blue edging; Business Administration and Accounting are drab; Dentistry is lilac; Education is light blue; Engineering degrees are represented by orange edging; Fine Arts degrees have brown edging; Journalism and Communications is garnet; Law is purple; Liberal Arts is white and Liberal Sciences is gold-yellow; Medicine is green; Music is pink; Natural Resources and Environment is antique gold; Pharmacy is olive; Philosophy is royal blue; Public Health degrees have salmon-pink edging; and Rehabilitation Counseling degrees have Nile green edging.

Distinctions among sleeves indicate the type of degree held by the wearer. A long, pointed sleeve indicates a bachelor's degree, while a long, closed sleeve with a slit near the upper part of the arm designates a master's degree. A round, open sleeve identifies a doctoral degree.

The doctoral costume also has velvet running on the rest of the gown, including cross bars on the sleeve. The trimming may be black or it may match the color of the velvet hood edging. Colored tassels on the degree candidates' caps indicate a candidate's school or college.



## Alma Mater

*Florida, our Alma Mater  
Thy glorious name we praise  
All thy loyal sons and daughters  
A joyous song shall raise.  
Where palm and pine are blowing,  
Where southern seas are flowing,  
Shine forth thy noble Gothic walls,  
Thy lovely vine-clad halls.  
Neath the Orange and Blue victorious  
Our love shall never fail.  
There's no other name so glorious—  
All hail, Florida, Hail!*

Milton Yeats