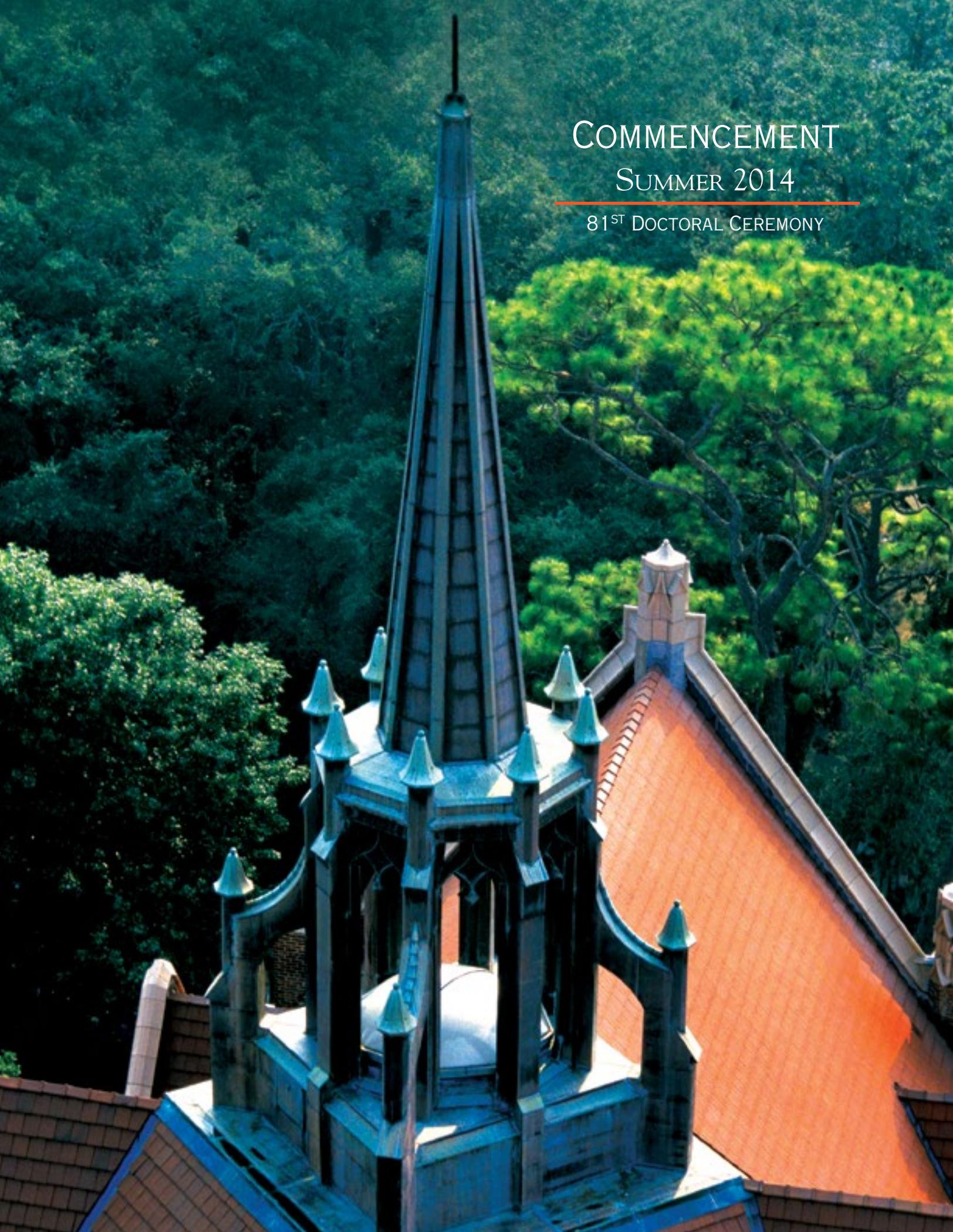


Commencement

UF | UNIVERSITY of
FLORIDA
The Foundation for The Gator Nation



COMMENCEMENT
SUMMER 2014

81ST DOCTORAL CEREMONY

Dr. J. Bernard Machen

In more than a decade as president of the University of Florida, Bernie Machen has grown and enhanced the university while putting it on a path to rise among the best public universities in the nation.

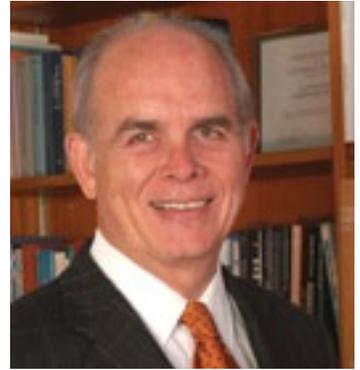
President Machen has expanded UF's research operation, elevated its educational programs and increased access for students from a diversity of economic backgrounds. He has bolstered the university's commitment to innovation, grown its endowment, and led a noted universitywide sustainability initiative.

Additionally, in 2013, President Machen launched UF on the nearly \$1 billion UF Preeminence Plan to rise among the nation's top public universities. As part of that plan, the university is hiring an estimated 120 new faculty members, with 40 hires already completed by summer 2014. The new faculty members, most of whom are at the midcareer level, are expected to help advance UF research in 26 areas of promise. The Preeminence Plan is supported by \$150 million in combined state-university dollars and an \$800-million fundraising campaign.

Milestones of President Machen's tenure include:

- Growth in annual research funding from \$470 million in 2003-04 to \$641 million in fiscal year 2013.
- More than 3.1 million square feet in new construction on campus, including more than 628,000 square feet of new research space.
- Completion of UF's \$1.7 billion capital campaign in 2012, at the time the sixth-largest public university campaign in history.
- The Machen Florida Opportunity Scholars program, enabling the enrollment of more than 2,900 first-generation college students, with about 1,500 graduates so far.
- Development of the 40-acre public private partnership known as Innovation Square and the Innovation Hub technology incubator now housing more than two dozen spinoffs.
- Creation of the Bob Graham Center for Public Service, Claude D. Pepper Older Americans Independence Center, the UF Water Institute and other key university institutes and centers.

President Machen also significantly strengthened UF's hospital and health science research operations, bringing together the UF Health Science Center and Shands Hospital under UF Health. He has added several major new medical research and care facilities, including the Biomedical Sciences Building, the Clinical and Translational Research Building and the UF Health Cancer Center. And he launched UF's first major medical research facility outside Gainesville, the UF Research



and Academic Center at Lake Nona's Medical City near Orlando.

His educational enhancements include the spring-summer Innovation Academy for entrepreneurially-minded undergraduates; "What is The Good Life?", the first of an anticipated four core classes forming a signature undergraduate curriculum; and the launch and growth of UF Online, one of the first programs in the nation to offer four-year fully online undergraduate degrees.

Prior to his arrival at UF, President Machen served for six years as president of the University of Utah, where he is credited with expanding the university's health sciences program, stabilizing the university's finances and bolstering diversity.

From 1995 to 1997, he was provost and executive vice president for academic affairs at the University of Michigan, and from 1989 until 1995, he served as dean of Michigan's School of Dentistry. From 1983 to 1989, he was professor and associate dean at the University of North Carolina Chapel Hill's School of Dentistry.

President Machen is a past president of the American Association of Dental Schools. He also served as a member of the board of trustees of the Salt Lake Olympic Organizing Committee. His additional positions in national higher education leadership include serving as a member of the National Security Higher Education Advisory Board; chairing the board of directors of the National Campus Compact and serving as president of the executive committee of the Southeastern Conference and chair of the Southeastern Conference Academic Consortium.

A native of Greenwood, Miss., President Machen grew up in St. Louis. After attending Vanderbilt University for his undergraduate studies, he earned his doctor of dental surgery degree from St. Louis University and his master's degree in pediatric dentistry and doctorate in educational psychology from the University of Iowa. He and his wife, Chris, a former neonatal intensive care nurse, have two sons, a daughter, and four grandchildren.

Greetings from the President



O

On 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 2014, 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!

J. Bernard Machen

University of Florida Leadership

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J. Bernard Machen, D.D.S., M.S., Ph.D.
President

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Provost and Senior Vice President - Academic Affairs

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Vice President - General Counsel

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

Thomas J. Mitchell, M.S.
Vice President - Development and Alumni Affairs

David Norton, Ph.D.
Vice President - Research

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

DEANS OF THE UNIVERSITY

R. Elaine Turner, Ph.D.
College of Agricultural and Life Sciences

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

Boyd Robinson, D.D.S., M.Ed.
Interim, College of Dentistry

Christopher Silver, Ph.D.
College of Design, Construction and Planning

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

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

Lucinda Lavelli, M.F.A.
College of the Arts

Henry T. Frierson, Ph.D.
Graduate School

Michael Reid, Ph.D.
College of Health and Human Performance

Nick Place, Ph.D.
IFAS Extension

Douglas Archer, Ph.D. / Mary Duryea, Ph.D.
Interim, IFAS Research

Leonardo Villalón, Ph.D.
International Center

Diane H. McFarlin, B.S.
College of Journalism and Communications

George L. Dawson, J.D.
Interim, Fredric G. Levin College of Law

David E. Richardson, Ph.D.
Interim, College of Liberal Arts and Sciences

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

Anna M. McDaniel, Ph.D., R.N.
College of Nursing

Julie A. Johnson, Pharm.D.
College of Pharmacy

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

James W. Lloyd, D.V.M., Ph.D.
College of Veterinary Medicine

Judith C. Russell, M.S.
University Libraries

Jen Day Shaw, Ph.D.
Dean of Students



Commencement Agenda – August 8, 2014, 4:00 p.m.

Presiding	J. Bernard Machen <i>President</i>
Processional.....	Gainesville Brass Quintet
National Anthem.....	Ronald Burrichter Gainesville Brass Quintet
Welcome and Introductions.....	J. Bernard Machen
Commencement Address	W. Craig Fugate <i>Administrator, Federal Emergency Management Agency</i>
Presenting Candidates for Doctoral Degrees	Paul Duncan <i>Associate Dean, Graduate School</i>
Conferring of Doctoral Degrees	J. Bernard Machen
Alma Mater	Ronald Burrichter Gainesville Brass Quintet
Recessional.....	Gainesville Brass Quintet
Postlude	Gainesville Brass Quintet



Additional copies of this commencement program are available while supplies last at the University of Florida Bookstore for a \$1 donation to the Machen Florida Opportunity Scholars program, which helps fund a UF education for low-income students who are first in the family to attend college. The bookstore is located in the UF Bookstore and Welcome Center on Museum Road and is open daily. For hours, please see the website at www.bsd.ufl.edu/bookstore. The commencement program can be ordered online with an additional charge for shipping and handling.

The University of Florida encourages you to add #UFGrad to your commencement-related conversations and images on social media. Select tweets will be featured on the video boards prior to and after the ceremony.

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.

W. Craig Fugate

Wildfires, mudslides, hurricanes, tornados, blizzards, floods, droughts — W. Craig Fugate knows firsthand the devastation caused by disasters. As administrator of the Federal Emergency Management Agency (FEMA), it is his job to help communities and families recover from catastrophes.

Mr. Fugate became FEMA's administrator in 2009. In that role, he has reshaped the once-maligned agency. Among his initiatives, Mr. Fugate has pushed for shared responsibility to emergency management, in which local, state and federal agencies collaborate with volunteers, churches and other groups. FEMA is implementing a National Preparedness System to address America's most significant risks and is working with all levels of government to adapt to climate change. In addition, FEMA has created a process for communities to rebuild stronger, smarter and safer after a disaster.

Prior to joining FEMA, Mr. Fugate was director of the Florida Division of Emergency Management, during which time he was the coordinating officer for 11 declared disasters and \$4.5 billion in federal disaster assistance. In 2004, he managed the largest federal disaster response in Florida's history when four major hurricanes — Charley, Frances, Ivan and Jeanne — made landfall. A year later, Katrina and two other storms hit the state. Hurricane Katrina's worst damage was to Florida's sister states along the Gulf of Mexico, and Mr. Fugate led Florida's massive mutual aid response. Under his leadership, the Florida Division of Emergency Management became the nation's first statewide program of its kind to receive full accreditation.



Mr. Fugate began his emergency management career as a volunteer firefighter, paramedic and lieutenant with the Alachua County Fire Rescue. Eventually, he moved from exclusive fire rescue operations to emergency manager for the county. He remained in that position for a decade until 1997 when he was appointed the Florida Division of Emergency Management's bureau chief for preparedness and response. In 1998, as chief of the State Emergency Response Team, his team was active for more than 200 days because of floods, tornados, wildfires and Hurricane Georges.

Mr. Fugate and his wife, Sheree, are from Gainesville.



UF Graduate School

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 19th 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.

Doctor of Nursing Practice

The Doctor of Nursing Practice degree is a professional doctoral program that began admitting students in 2006 at the University of Florida. The degree prepares advanced practice nurses with the knowledge, skills, and abilities needed in today's complex health care environment. It produces advanced practice nurses with educational background comparable to health care practitioners in other fields.

GRADUATE SCHOOL

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

DOCTOR OF PHILOSOPHY

Juan José Acosta Jaramillo, Titulo de Ingeniero Forestal, 2004, Universidad Nacional—Colombia

Major: *Forest Resources and Conservation*

Minor: *Statistics*

Dissertation: High-Throughput Genotyping by Target Sequence Enrichment, Genetic Diversity, and Genome-Wide Selection Studies in Pines and Eucalyptus

Dissertation Chair: M. Kirst

Ashima Aggarwal, Bachelor of Elementary Education, 2008, University of Delhi—India; Master of Arts, 2009, Jawaharlal Nehru University—India

Major: *Linguistics*

Dissertation: Testing Acquisition of L2 Hindi Voicing and Aspiration Contrasts: A Comparison From Multiple L1s

Dissertation Chair: C. R. Wiltshire

Sankaraleengam Alagapan, Bachelor of Engineering, 2007, Anna University—India; Master of Science, 2008, University of Florida

Major: *Biomedical Engineering*

Dissertation: Information Propagation in *In Vitro* Networks of Neurons with Engineered Feedforward Structures

Dissertation Chair: B. Wheeler

Dylan P. Alexander, Bachelor of Science in Aerospace Engineering *cum laude*, 2008, Master of Science, 2010, University of Florida

Major: *Aerospace Engineering*

Dissertation: Design, Reliability-Based Optimization, and Fabrication of a Piezoresistive Microelectromechanical Microphone with Back-Side Contacts for Aeroacoustics Applications

Dissertation Chair: M. Sheplak

Adele A. AlGhamedei, Bachelor of Arts in Special Education, 2001, King Saud University—Saudi Arabia; Master of Arts in Speech Therapy, 2004, University of Jordan

Major: *Communication Sciences and Disorders*

Dissertation: Stuttering-Related Knowledge, Feelings, and Practices Among Elementary School Teachers and School Counselors in Saudi Arabia

Dissertation Chair: K. J. Logan

Ryan J. Anderson, Artium Baccalaureus in Psychology, 1999, Washington University—Missouri; Master of Science, 2011, University of Florida

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Cognitive-Motivational Influences on Health Behavior Change in Chronic Pain

Dissertation Chair: M. E. Robinson

Christine Angelini, Bachelor of Science in Marine Biology, 2007, Brown University—Rhode Island

Major: *Zoology*

Dissertation: Foundation Species as Drivers of Ecosystem Structure, Multifunctionality, and Resilience

Dissertation Chair: B. Silliman

Kristen L. Apraiz, Bachelor of Science in Mathematics Education, 2003, Master of Science in Mathematics Education, 2004, Florida State University

Major: *Curriculum and Instruction*

Dissertation: The Effect of a Mathematical Task Focused Intervention on Prospective Elementary School Teachers Beliefs About Mathematics Instruction

Dissertation Chair: T. Jacobbe

- Akiko Arai, Bachelor of Law, 2007, Keio University—Japan; Master of Science, 2010, University of Florida
 Major: *Health and Human Performance*
 Minor: *Marketing*
 Dissertation: How Do Athlete Scandals Affect Consumers' Self-Concept? Self-Brand Connection and Self-Conceptual Perspective
 Dissertation Chair: Y. J. Ko
- Stephen Hugo Arce, Bachelor of Science, 2005, Master of Engineering, 2008, University of Florida
 Major: *Chemical Engineering*
 Dissertation: The Multidisciplinary Perspective of Cell Shape
 Dissertation Chair: Y. Tseng
- Mian Muhammad Asim, Master of Arts, 1996, University of the Punjab—Pakistan; Master of Arts in Communication, 2002, California State University at Fullerton
 Major: *Mass Communication*
 Dissertation: Cross Cultural Political Persuasion: Assessing the Moderating Role of Religiosity, Party Affiliation, and Ethnic Identification on Candidate Evaluation
 Dissertation Chair: T. R. Elias
 Dissertation Co-chair: J. D. Morris
- Khalid A. Askar, Bachelor of Science in Chemical Engineering, 2010, Purdue University—Indiana; Master of Science, 2013, University of Florida
 Major: *Chemical Engineering*
 Dissertation: Simple and Scalable Self-Assembly of Silica Nanoparticles
 Dissertation Chair: P. Jiang
- Burak Aydin, Lisans Diploması, 2006, Kocaeli Üniversitesi—Turkey; Master of Arts in Education, 2010, University of Florida
 Major: *Research and Evaluation Methodology*
 Minor: *Statistics*
 Dissertation: Statistical Power in Cluster Randomized Trials: An Evaluation of Observed and Latent Mean Covariate
 Dissertation Chair: W. Leite
- Dominique Carlo Badoer, Diploma in Mathematics, 2006, The Swiss Federal Institute of Technology at Zurich—Switzerland
 Major: *Business Administration—Finance*
 Dissertation: Essays in Debt Structure and Maturity Structure
 Dissertation Chair: C. M. James
- Jungah Bae, Bachelor of Arts, 1996, Master of Arts, 2001, Ewha Womans University—South Korea
 Major: *Special Education*
 Minor: *Research and Evaluation Methodology*
 Dissertation: Exploring Teacher Implementation of Reform-Oriented Mathematics Instruction Using the Early Childhood Longitudinal Study-Kindergarten Class of 1998-99
 Dissertation Chair: C. C. Griffin
- Sayan Banerjee, Bachelor of Engineering, 2006, University of Pune—India; Master of Science, 2010, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Thermo-Mechanical Characterization of Hybrid Composites Using Finite Element Based Micromechanics
 Dissertation Chair: B. V. Sankar
- Chumki Banik, Master of Science in Agriculture, 2007, Calcutta University—India
 Major: *Soil and Water Science*
 Dissertation: Mechanistic Linkages Between Water Saturation and Organo-Metal Interactions in Sandy Coastal Plain Soils
 Dissertation Chair: W. G. Harris
- Christian Alberto Barrientos, Licenciado en Biología, 1999, Universidad de San Carlos de Guatemala; Master of Science, 2005, University of Florida
 Major: *Fisheries and Aquatic Sciences*
 Dissertation: Life History Variation and Artisanal Fishery Assessment in Giant Cichlid (*Petenia Splendida* Gunther 1862) in Northern Mesoamerican Lakes
 Dissertation Chair: J. Hill

- Aline Bergesch Barth, Titulo de Farmaceutico, 2007, Titulo de Mestre em Ciencias Farmaceuticas, 2010, Universidade Federal do Rio Grande do Sul—Brazil
 Major: *Pharmaceutical Sciences—Pharmacy*
 Dissertation: Levofloxacin Dose Optimization for Multidrug-Resistant Tuberculosis Based on Lung Microdialysis in Patients
 Dissertation Chair: H. C. Derendorf
 Dissertation Co-chair: C. A. Peloquin
- Luke Allen Beggs, Bachelor of Science in Biology, 2008, Master of Science in Kinesiology, 2010, University of Kentucky
 Major: *Health and Human Performance*
 Dissertation: Anti-Sclerostin Antibody for the Treatment of Bone Loss in a Rodent Model of Spinal Cord Injury
 Dissertation Chair: S. E. Borst
- Amber E. Benedict, Bachelor of Arts in Elementary Education, 2004, Master of Arts in Education, 2006, University of Northern Iowa
 Major: *Special Education*
 Dissertation: Learning Together: How the Aligned Lesson Study Cycle Can Support the Development of Teachers' Holistic Knowledge
 Dissertation Chair: M. T. Brownell
- Crystal Gail Bennett, Bachelor of Nursing, 1997, University of West Florida; Master of Science in Nursing, 2003, University of South Alabama
 Major: *Nursing Sciences*
 Minor: *Aging*
 Dissertation: Effects of Line Dancing on Physical Function and Disability in Older Adults with Mobility Difficulty
 Dissertation Chair: B. L. Roberts
- Ekaterina Berezina, Diploma, 2006, Penza State University—Russia; Master of Science, 2010, University of Delaware
 Major: *Health and Human Performance*
 Dissertation: Flash Sales: An Inventory Distribution and Marketing Channel. Does It Work?
 Dissertation Chair: K. J. Semrad
- Sarah T. Berger, Bachelor of Science, 2007, Ohio Northern University; Master of Science, 2011, University of Florida
 Major: *Agronomy*
 Dissertation: Palmer Amaranth Competitive Physiology
 Dissertation Chair: J. A. Ferrell
 Dissertation Co-chair: D. Rowland
- Christopher Stewart Besser, Bachelor of Arts in History, 2000, University of Alaska at Fairbanks; Master of Health Administration, 2008, Baylor University—Texas
 Major: *Health Services Research*
 Dissertation: An Impact Assessment Including a Behavioral Health Provider Within the Structure of the Army Patient Centered Medical Home Model: A Longitudinal Study
 Dissertation Chair: J. S. Harman
- Hrishi Padmakar Bhave, Master of Science, 2010, University of Florida
 Major: *Chemistry*
 Dissertation: NMR Studies of Diffusion in Unidimensional Nanochannel Materials Using Hyperpolarized Tracer Exchange NMR
 Dissertation Chair: C. R. Bowers
- Mary Elizabeth Hallan Birkner, Bachelor of Arts, 2002, Denison University—Ohio; Master of Music, 2004, University of Florida
 Major: *Music Education*
 Dissertation: A Flute Skills Guidebook Based on Current Practices at Selected Colleges and Universities in the United States
 Dissertation Chair: R. L. Robinson
- Trent Duane Blare, Bachelor of Science, 2004, University of Nebraska at Lincoln; Master of Science, 2010, University of Florida
 Major: *Food and Resource Economics*
 Dissertation: Ecuadorian Cacao: Decision Making, Gender, and Sustainability
 Dissertation Chair: M. P. Useche

- Daniel Alan Blood, Bachelor of Science in Mechanical Engineering *magna cum laude*, 2010, Valparaiso University—Indiana; Master of Science, 2012, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Simulation, Part Path Correction, and Automated Process Parameter Selection for Ultrashort Pulsed Laser Micromachining of Sapphire
 Dissertation Chair: M. Sheplak
- Mary Caroline Boyd, Bachelor of Science in Natural Resources *magna cum laude*, 2004, North Carolina State University; Master of Science, 2009, University of Florida
 Major: *Environmental Engineering Sciences*
 Dissertation: The Ecology and Ecosystem Services of Gulf Coast Type *Phragmites Australis* (Common Reed) in Non-Tidal Freshwater Ecosystems.
 Dissertation Chair: M. T. Brown
- Shana L. Boyle, Bachelor of Science *summa cum laude*, 2008, Master of Science, 2011, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Influence of Patient and Healthcare Trainee Characteristics on Assessment and Treatment Decisions for Pediatric Chronic Pain Patients: A Virtual Human Technology Investigation
 Dissertation Chair: D. M. Janicke
- Robin Brooks, Bachelor of Arts in English *magna cum laude*, 2003, Florida State University; Master of Arts in African-American Studies, 2005, University of Wisconsin at Madison
 Major: *English*
 Dissertation: Class Interruptions: Cross-Class Relationships in Contemporary African American and Caribbean Women’s Literature
 Dissertation Chair: L. R. Rosenberg
- Julie Catherine Brown, Bachelor of Science in Animal Science, 2003, University of Rhode Island; Master of Education, 2006, University of Florida
 Major: *Curriculum and Instruction*
 Dissertation: Designing for Culturally Responsive Science Education Through Professional Development
 Dissertation Chair: K. J. Crippen
- Zachary Lee Bryan, Bachelor of Science in Materials Science and Engineering *summa cum laude*, 2009, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: Microstructural Design of Magnesium Alloys for Elevated Temperature Performance
 Dissertation Chair: M. V. Manuel
- Eva Ann Buckner, Bachelor of Science in Biology *summa cum laude*, 2006, Armstrong Atlantic State University—Georgia; Master of Science, 2009, University of Georgia
 Major: *Entomology and Nematology*
 Dissertation: The Larval Environment and Vector Competence of *Aedes Aegypti* and *Aedes Albopictus* Mosquitoes for Dengue-1 Virus
 Dissertation Chair: L. P. Lounibos
 Dissertation Co-chair: B. W. Alto
- Richard J. Buning Jr., Bachelor of Business Administration, 2007, Georgia State University; Master of Science, 2010, University of Florida
 Major: *Health and Human Performance*
 Minor: *Family, Youth, and Community Development*
 Dissertation: The Evolution of Active Sport Event Travel Careers Through Cycling Tourism
 Dissertation Chair: H. J. Gibson
- Erin Leigh Bunting, Bachelor of Science *cum laude*, 2006, Master of Science, 2009, University of Florida
 Major: *Geography*
 Minor: *Climate and Ecosystem Modeling*
 Dissertation: A Spatio-Temporal Analysis of Landscape Dynamics Under Changing Environmental Regimes in Southern African Savannas
 Dissertation Chair: J. Southworth

- Oliver Towns Burgess, Bachelor of Science in Marine Science, 2001, University of South Carolina at Columbia; Master of Science, 2008, University of Florida
 Major: *Fisheries and Aquatic Sciences*
 Dissertation: Response of Aquatic Communities to Pulp and Paper Discharge Relocation Into the St. Johns River, Florida
 Dissertation Chair: C. E. Cichra
- Margaret L. Burns, Bachelor of Science, 1982, Illinois State University; Master of Public Administration, 1990, University of West Florida; Master of Science in Nursing, 1996, University of South Alabama; Master of Business Administration, 1998, University of West Florida
 Major: *Nursing Sciences*
 Minor: *Pain and Aging*
 Dissertation: The Use of Self-Performed Acupressure for Osteoarthritis Knee Pain and Disability Reduction
 Dissertation Chair: B. L. Roberts
- Samridhhi Buxy, Bachelor of Engineering, 2008, Pandit Ravishankar Shukla University—India
 Major: *Agricultural and Biological Engineering*
 Dissertation: Anaerobic Digestion of Terrestrial and Aquatic Biomass
 Dissertation Chair: P. C. Pullammanappallil
 Dissertation Co-chair: J. S. Curtis
- Zhuangyu Cai, Bachelor of Science, 1985, Nanchang University—China; Master of Public Health, 2009, Master of Science, 2012, University of Florida
 Major: *Biostatistics*
 Dissertation: Conditional Pseudo-Likelihood and Generalized Linear Mixed Model Methods to Adjust for Confounding Due to Cluster
 Dissertation Chair: B. Brumback
- Jason A. Cain, Bachelor of Science, 2003, Middle Tennessee State University; Master of Arts in Mass Communication, 2008, Texas State University at San Marcos
 Major: *Mass Communication*
 Dissertation: Social Network Sites, Commerce, and Perceptions of Personal Information Online
 Dissertation Chair: C. Armstrong
- Edward Vincent Camp, Bachelor of Arts, 2005, Gordon College—Massachusetts; Master of Science, 2010, University of Florida
 Major: *Fisheries and Aquatic Sciences*
 Dissertation: An Integrated Evaluation of Stock Enhancement of Recreational Fisheries, Applied to Red Drum in Florida
 Dissertation Chair: K. Lorenzen
 Dissertation Co-chair: S. L. Larkin
- Mauro Carassai, Laurea in Lingue e Letterature Straniere Moderne, 2005, University of Macerata—Italy; Master of Arts, 2007, University of Leeds—United Kingdom
 Major: *English*
 Dissertation: A Digital Media Poetics
 Dissertation Chair: G. L. Ulmer
- Flávio Sêga Pereira Cardoso Sr., Bacharel em Quimica, 2009, Universidade Estadual de Campinas—Brazil
 Major: *Chemistry*
 Dissertation: Development of a New Class of Atropisomers
 Dissertation Chair: A. S. Aponick
- Roger Edward Carey, Bachelor of Arts, 1989, Earlham College—Indiana; Master of Arts in History, 2003, University of Nevada at Las Vegas
 Major: *History*
 Dissertation: Grinding It Out: Neoconservatives, Strategic Arms, and Protecting America, 1968-1980
 Dissertation Chair: M. Jacobs
- Haley E. Carpenter, Bachelor of Science *summa cum laude*, 2010, University of Florida
 Major: *Medical Sciences—Neuroscience*
 Dissertation: Age-Related Changes in the Cellular and Synaptic Physiology of Cortical Memory Networks
 Dissertation Chair: C. J. Frazier

- Rodrigo Castro-Raventos, Titulo de Arquitecto, 1998, Universidad Simon Bolivar—Venezuela; Master of Science in Building Construction, 2002, University of Florida
 Major: *Design, Construction and Planning*
 Dissertation: Life Cycle Characterization of the Impacts of the Built Environment on the Hydrologic Cycle
 Dissertation Chair: R. J. Ries
- Robert Lee Cavazos, Bachelor of Arts, 2005, Master of Arts, 2008, Texas Tech University
 Major: *Sociology*
 Dissertation: The Demise and Depletion of the Ogallala Aquifer Within the South Plains of Texas
 Dissertation Chair: S. G. Perz
- Pasicha Chaikaew, Bachelor of Business Administration, 2004, Maejo University—Thailand; Master of Science in Natural Resource Management, 2005, Mahidol University—Thailand
 Major: *Soil and Water Science*
 Dissertation: Assessment of Climate Regulation, Carbon Sequestration, and Nutrient Cycling Ecosystem Services Impacted by Multiple Stressors
 Dissertation Chair: S. Grunwald
- Srikar Chamala, Bachelor of Science in Bioinformatics university honors with thesis, 2006, Brigham Young University—Utah; Master of Science in Bioinformatics, 2008, University of Illinois at Urbana-Champaign
 Major: *Botany*
 Dissertation: The Amborella Genome and the Evolution of Alternative Splicing Across Eudicots
 Dissertation Chair: W. B. Barbazuk
- Nitin Chandola, Bachelor of Engineering, 2007, University of Pune—India; Master of Science, 2009, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Multi-Scale Modeling of Deformation of a Magnesium Alloy
 Dissertation Chair: O. Cazacu
- Eileen I-Ling Chang, Bachelor of Science in Chemistry, 2005, Georgia Institute of Technology
 Major: *Medical Sciences—Physiology and Pharmacology*
 Dissertation: The Role of Ketamine in Hypoxic Hypoxia Induced Inflammation and Apoptosis in Fetal Ovine Brain and Kidneys
 Dissertation Chair: C. E. Wood
- Bei Chen, Diploma of Specialist, 2008, Far Eastern National University—Russia
 Major: *Medical Sciences—Physiology and Pharmacology*
 Dissertation: The Impact of Aging and Exercise Training on the Coronary Circulation
 Dissertation Chair: J. M. Muller Delp
- Si Chen, Bachelor of Arts, 2008, Beijing International Studies University—China; Master of Arts, 2010, Master of Statistics, 2014, University of Florida
 Major: *Linguistics*
 Minor: *Statistics*
 Dissertation: A Phonetic and Phonological Investigation of the Tone System of Chongming Chinese
 Dissertation Chair: C. R. Wiltshire
 Dissertation Co-chair: R. Wayland
- Wenchao Chen, Bachelor of Engineering, 2006, Xi'an Jiao Tong University—China; Master of Engineering, 2009, Shanghai Jiaotong University—China
 Major: *Electrical and Computer Engineering*
 Dissertation: Modeling, Physics, and Simulation of Nano-Scale Electronic Devices
 Dissertation Chair: J. Guo
- Elsa Daniela Chevasco Molina, Licenciada en Ciencias Biologicas, 2006, Pontificia Universidad Catolica del Ecuador; Master of Arts, 2009, Brandeis University—Massachusetts
 Major: *Interdisciplinary Ecology*
 Dissertation: Pine Straw Harvesting and Fertilization Effects on Aspects of Nitrogen and Phosphorus Nutrition in Slash Pine (*Pinus elliottii* Engelm.) Plantations
 Dissertation Chair: P. J. Minogue

- Tsu-wu Chiang, Bachelor of Science, 2005, Master of Science, 2007, National Central University—Taiwan
 Major: *Materials Science and Engineering*
 Dissertation: Computation Studies of Vacancy and Void Defects Interactions in Polycrystalline UO₂
 Dissertation Chair: S. R. Phillpot
- Ryan K. Chilton, Bachelor of Science in Mechanical Engineering *cum laude*, 2008, Master of Science, 2010, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: An Intuitive Sensory Substitution System for the Visually Impaired Using Tactile Feedback
 Dissertation Chair: C. D. Crane
- Alyssa Heh-soon Cho, Bachelor of Science, 2008, University of Hawaii at Manoa; Master of Science, 2010, University of Florida
 Major: *Agronomy*
 Dissertation: Agronomic Improvement of Peanut (*Arachis Hypogaea L.*) and Cassava (*Manihot Esculenta Crantz*) Based Cropping Systems for Smallholder Farmers in Guyana and Vietnam
 Dissertation Chair: G. MacDonald
- Hee Min Choi, Bachelor of Science, 2009, Yonsei University—South Korea
 Major: *Statistics*
 Dissertation: Convergence Analysis of Gibbs Samplers for Bayesian Regression Models
 Dissertation Chair: J. P. Hobert
- Iek Heng Heng Chu, Master of Science, 2010, University of Florida
 Major: *Physics*
 Dissertation: Computational Studies of Excited States and Electron Transfer in Nanoscale Materials
 Dissertation Chair: H. Cheng
- Jessica L. Clawson, Bachelor of Arts in English, 2004, College of William and Mary—Virginia; Master of Arts, 2008, University of Florida
 Major: *Curriculum and Instruction*
 Minor: *History*
 Dissertation: Queers on Campus: LGBTQ Student Visibility at Three Public Universities in Florida, 1970-1985
 Dissertation Chair: S. G. Terzian
- Galaxia Andrea Cortés Hinojosa, Licenciado en Medicina Veterinaria, 2006, Titulo de Medico Veterinario, 2006, Universidad de Chile
 Major: *Veterinary Medical Sciences*
 Dissertation: Adenoviruses in Pinnipeds California Sea Lion Adenovirus 1 in California Sea Lions (*Zalophus Californianus*) and the Diversity of Adenoviruses in Otariid Seals
 Dissertation Chair: J. F. Wellehan
- Antonio Manuel Crespo Ampudia, Titulo de Biologo, 2001, Universidad del Azuay—Ecuador; Master of Science, 2004, Munich University of Technology—Germany
 Major: *Interdisciplinary Ecology*
 Dissertation: Direct Seeding with Native Trees in South Central Ecuador: Enhancing Restoration Potential with Local Knowledge
 Dissertation Chair: C. H. Reinhardt Adams
- Sharron L. Cuthbertson, Bachelor of Science in Early Childhood Endorsement, 1997, University of Michigan at Flint; Master of Science, 2004, Nova Southeastern University—Florida
 Major: *Special Education*
 Dissertation: Voluntary Prekindergarten Teachers' Judgments of the Acceptability, Feasibility, and Current Use of Social Skills Strategies in Inclusive Classrooms
 Dissertation Chair: H. A. Jones
- Cong Dinh Dang, Bang Tot Nghiep Dai Hoc, 2008, Hanoi University of Technology—Vietnam
 Major: *Industrial and Systems Engineering*
 Dissertation: First Order Methods for Convex and Nonconvex Optimization
 Dissertation Chair: G. Lan

- Eileen Matias Davis, *Artium Baccalaureus* in Psychology, 2006, Harvard University—Massachusetts; Master of Science, 2010, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Perceived Barriers and Parental Adherence to Recommendations Following Child Psychological Assessment
 Dissertation Chair: B. A. Wiens
- Michelle C. Davis, Bachelor of Science, 2005, Eckerd College—Florida
 Major: *Veterinary Medical Sciences*
 Dissertation: Relatedness, Inbreeding, and Kinship of the Endangered Florida Manatee (*Trichechus Manatus Latiostris*)
 Dissertation Chair: R. K. Bonde
 Dissertation Co-chair: M. E. Kellogg Hunter
- Robert Joel Deacon, Bachelor of Arts in English, 2005, University of North Florida; Master of Arts, 2011, University of Florida
 Major: *Linguistics*
 Dissertation: Adpositions in Distributed Morphology: The Nature of Roots and Categorical Heads
 Dissertation Chair: B. M. Henderson
- Joseph T. Decker, Bachelor of Science in Biomedical Engineering, 2010, University of Wisconsin at Madison; Master of Science, 2012, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: A Predictive Model for the Antifouling Efficacy of Engineered Microtopographies
 Dissertation Chair: A. B. Brennan
- Philip Chris Delcher, Bachelor of Science in Biological Sciences, 1996, Florida State University; Master of Science in Environmental Science, 2003, University of North Carolina at Chapel Hill
 Major: *Epidemiology*
 Dissertation: Prescription Drug Monitoring Programs and Doctor Shopping: An Epidemiologic Perspective in Person, Place, and Time
 Dissertation Chair: M. Maldonado-Molina
- Bowen Deng, Bachelor of Engineering, 2009, Beijing University of Chemical Technology—China
 Major: *Materials Science and Engineering*
 Dissertation: Thermal Transport at Dislocation and Interfaces by Atomistic Simulation
 Dissertation Chair: S. R. Phillpot
- Anna Carolina Denicol, Titulo de Medico Veterinario, 2003, Universidade Federal do Rio Grande do Sul—Brazil; Master of Preventative Veterinary Medicine, 2009, University of California at Davis
 Major: *Animal Molecular and Cellular Biology*
 Dissertation: Regulation of Development and Survival of the Preimplantation Bovine Embryo by the Canonical Wnt Signaling Pathway and Its Secreted Antagonist Dickkopf 1
 Dissertation Chair: P. J. Hansen
- Ana Maria Diaz Collazos, Licenciada en Literatura, 2003, Universidad del Valle—Colombia; Magister en Linguistica Espanola, 2009, Instituto Caro y Cuervo—Colombia
 Major: *Romance Languages—Spanish*
 Dissertation: Sociolinguistic Development of the Voseo in the Colombian Highland (1555-1976)
 Dissertation Chair: D. A. Pharies
- Chao Ding, Bachelor of Science, 2008, Sun Yat-Sen University—China; Master of Science in Economics, 2009, Hong Kong University of Science and Technology
 Major: *Business Administration—Information Systems and Operations Management*
 Dissertation: Essays on E-Commerce
 Dissertation Chair: H. K. Cheng
- Yezhang Ding, Bachelor of Agronomy, 2002, Master of Agronomy, 2005, Nanjing Agricultural University—China
 Major: *Microbiology and Cell Science*
 Dissertation: Identification and Characterization of New Components of the Salicylic Acid Signaling Pathway in Arabidopsis
 Dissertation Chair: Z. Mou

- Nataliya Dmytrochenko, Diploma of Bachelor, 2003, Specialist Diploma, 2004, Taras Shevchenko National University of Kyiv—Ukraine; Master of Arts in Mass Communication, 2011, University of Florida
 Major: *Mass Communication*
 Dissertation: Media Use and Political Socialization of Ex-Soviet Immigrants in the U.S.
 Dissertation Chair: D. H. Ostroff
- Dmitri Alexandrovich Dranishnikov, Bachelor of Science *cum laude*, 2008, Master of Science, 2013, University of Florida
 Major: *Computer Engineering*
 Dissertation: Bayesian Hyperspectral Unmixing with Multivariate Beta Distributions
 Dissertation Chair: P. D. Gader
- Esmeralda Duarte, Bachelor of Arts in Psychology, 1999, University of California at Riverside; Master of Arts, 2001, Stanford University—California
 Major: *Romance Languages—Spanish*
 Dissertation: Resistencia al Neoliberalismo y la Mujer en las Cronicas de Cristina Pacheco
 Dissertation Chair: E. Barradas
- Nour Ezziddin El Bashiti, Bachelor of Arts in English for Specific Purposes, 2003, Jordan University of Science and Technology; Master of Arts in Speech Therapy, 2005, University of Jordan
 Major: *Communication Sciences and Disorders*
 Dissertation: The Effectiveness of the Acoustic Measure A1-Pn in Predicting Perceptual Judgments of Hypernasality
 Dissertation Chair: W. N. Williams
- Trenton Wayne Elkins, Bachelor of Science in Chemical Engineering *summa cum laude*, 2010, University of Alabama
 Major: *Chemical Engineering*
 Dissertation: Catalyst Development for the Oxidative Coupling of Methane Utilizing Rare-Earth Oxide Based Catalysts
 Dissertation Chair: H. E. Hagelin-Weaver
- Filiz Naz Erenguc, Bachelor of Science in Health Science Education, 2005, Master of Science, 2008, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Complementary and Alternative Medicine: Current Trends and Predicting Future Use
 Dissertation Chair: W. W. Chen
- Salim Erol, Lisans Diploması, 2006, Eskisehir Osmangazi University—Turkey; Master of Science, 2011, University of Florida
 Major: *Chemical Engineering*
 Dissertation: Influence of Failure Mechanisms on Electrochemical Impedance Spectroscopy of Lithium Cobalt Oxide/Carbon Batteries
 Dissertation Chair: M. E. Orazem
- Nathan L. Ewigman, Bachelor of Arts in Psychology, 2006, Knox College—Illinois; Master of Science, 2009, Master of Public Health, 2011, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: The Diagnosis and Treatment of Anger in Outpatient Medical Settings
 Dissertation Chair: J. A. Gylys
 Dissertation Co-chair: J. S. Harman
- Michael A. Faraone, Bachelor of Science in Civil Engineering, 2007, Master of Engineering, 2009, University of Florida
 Major: *Civil Engineering*
 Dissertation: Development of Geostatistical Analysis for Reliability Based Design of Foundations
 Dissertation Chair: M. C. McVay
- Joubert Fayette, Titulo de Ingeniero Agronomo, 2007, Universidad EARTH—Costa Rica; Master of Science, 2010, University of Florida
 Major: *Plant Pathology*
 Dissertation: The Epidemiology, Specific Detection, Genetic Variability, and Control of *Xanthomonas Campestris P.v. Vitians*, Causal Agent of Bacterial Leaf Spot of Lettuce
 Dissertation Chair: R. N. Raid
 Dissertation Co-chair: P. D. Roberts

- Jake Moran Ferguson, Bachelor of Science, 2002, University of Washington-Seattle; Master of Science in Physics, 2005, University of Massachusetts at Amherst; Master of Science, 2008, Montana State University–Bozeman
 Major: *Zoology*
 Dissertation: Stochastic Models for the Growth Rate of Animal Populations: Variance Scaling and Decomposition
 Dissertation Chair: J. M. Ponciano
 Dissertation Co-chair: S. McKinley
- Gabrielle Alexandra Ferro, Bachelor of Science in Business Administration, 2008, Master of Science, 2010, University of Florida
 Major: *Food and Resource Economics*
 Dissertation: Three Essays on the Impact of United States Welfare Programs on Individuals Behavior
 Dissertation Chair: J. D. Kropp
 Dissertation Co-chair: K. A. Grogan
- Erica Nan Feuerbacher, Bachelor of Arts in Spanish, 1997, Bachelor of Science in Biology, 1997, Arizona State University; Master of Science in Behavioral Services, 2009, University of North Texas
 Major: *Psychology*
 Dissertation: Functions of Human Social Interaction for Domestic Dog Behavior
 Dissertation Chair: C. D. Wynne
 Dissertation Co-chair: J. Dallery
- Pamela J. Fletcher, Bachelor of Science in Aquaculture and Fishery Technology, 1992, Bachelor of Arts in Marine Affairs, 1992, University of Rhode Island; Master of Science in Management, 1996, Rensselaer Polytechnic Institute–New York
 Major: *Soil and Water Science*
 Dissertation: Using Participatory Decision Support to Improve Coral Reef Management
 Dissertation Chair: Y. Li
 Dissertation Co-chair: G. Kiker
- Eric W. Franca, Bachelor of Science in Engineering, 2008, Tulane University–Louisiana
 Major: *Biomedical Engineering*
 Dissertation: Neural Adhesion, Growth, and Electrophysiology on Carbon Nanotubes and Carbonized Nanofibers
 Dissertation Chair: B. Wheeler
- Jackson Luc Frechette, Bachelor of Science, 2003, University of Wisconsin at Madison; Master of Arts, 2007, University of Florida
 Major: *Interdisciplinary Ecology*
 Dissertation: Constructing and Experimentally Testing the Impacts of Animal-Generated Dispersal Kernels in a Northeastern Cambodian Fruiting Tree
 Dissertation Chair: K. E. Sieving
 Dissertation Co-chair: D. J. Levey
- Christopher Allen Fuhrman, Bachelor of Science in Molecular Biology and Microbiology, 2005, Master of Science in Molecular Biology and Microbiology, 2007, University of Central Florida
 Major: *Medical Sciences–Immunology and Microbiology*
 Dissertation: Innate Cytokine and Costimulatory Receptor Influence on Regulatory T Cell Biology in the Pathogenesis of Type 1 Diabetes
 Dissertation Chair: T. M. Brusko
- Timothy J. Fullman, Bachelor of Science in Animal Biology, 2007, University of California at Davis; Master of Science, 2009, University of Florida
 Major: *Geography*
 Minor: *Spatial Wildlife Ecology*
 Dissertation: Spatial Assessment of Elephant Impacts on Large Herbivores and Vegetation in Southern Africa
 Dissertation Chair: B. Child
 Dissertation Co-chair: J. Southworth
- Justin Grant Gaddis, Bachelor of Arts in Education, 2008, University of Kentucky; Master of Education, 2011, University of Florida
 Major: *School Psychology*
 Dissertation: Reading Performance and High-Stakes Statewide Assessment in a Juvenile Corrections Facility
 Dissertation Chair: J. H. Kranzler
 Dissertation Co-chair: J. C. Gagnon

- Miao Gao, Bachelor of Science, 2007, Nanjing Normal University—China; Master of Education, 2008, Murdoch University—Australia; Master of Science in Biology, 2010, Central Washington University
 Major: *Research and Evaluation Methodology*
 Dissertation: Assessing the Model Fit and Classification Accuracy in Cognitive Diagnosis Models
 Dissertation Chair: M. D. Miller
- Christopher J. Garland, Bachelor of Arts, 2006, Master of Arts in Sociology, 2008, University of Auckland—New Zealand; Master of Arts, 2009, University of Florida
 Major: *English*
 Dissertation: Haiti Crisis, Western Imaginings, and Visual Rhetoric
 Dissertation Chair: S. I. Dobrin
- Christine M. Gault, Bachelor of Arts, 2009, Colgate University—New York
 Major: *Plant Molecular and Cellular Biology*
 Dissertation: The Role of the Rough Endosperm3 Splicing Factor in Maize Development
 Dissertation Chair: A. M. Settles
 Dissertation Co-chair: W. B. Barbazuk
- Charles Wysaw Gay, Bachelor of Science in Kinesiology, 2000, James Madison University—Virginia; Doctor of Chiropractic, 2006, Palmer College of Chiropractic—Florida
 Major: *Rehabilitation Science*
 Dissertation: Functional Connectivity Changes Within the Pain Processing and Modulatory Networks Following Exercise-Induced Muscular Injury and Manual Therapy
 Dissertation Chair: M. D. Bishop
- Saeed Ghadimi, Bachelor of Science in Industrial Engineering, 2007, Sharif University of Technology—Iran; Master of Science in Industrial Engineering, 2009, Amirkabir University of Technology—Iran; Master of Science, 2013, University of Florida
 Major: *Industrial and Systems Engineering*
 Minor: *Mathematics*
 Dissertation: Finite-Time Convergence Properties of Methods for Stochastic Programming
 Dissertation Chair: G. Lan
- Alberto Martin Gochez, Licenciado en Genetica, 2002, Magister Scientiae en Produccion Vegetal, 2007, Universidad Nacional de Misiones—Argentina
 Major: *Plant Pathology*
 Dissertation: Host Pathogen Interaction, and Copper Resistance in Xanthomonads Associated with Citrus Canker
 Dissertation Chair: J. B. Jones
 Dissertation Co-chair: J. H. Graham
- Sasmit Sadanand Gokhale, Bachelor of Engineering, 2009, University of Mumbai—India; Master of Science, 2011, University of Florida
 Major: *Nuclear Engineering Sciences*
 Dissertation: Bismuth Tri-Iodide Radiation Detector Development
 Dissertation Chair: K. Jordan
 Dissertation Co-chair: J. C. Nino
- Ellen Gopan, Bachelor of Arts in Mathematics, 2007, Bachelor of Arts in Physics, 2007, Northwestern University—Illinois; Master of Science, 2009, Wayne State University—Michigan
 Major: *Biomedical Engineering*
 Dissertation: Charge-Coupled Device-Based Detector Array for Dose Quantification at Diagnostic Energies
 Dissertation Chair: D. E. Hintenlang
- Olga Gopan, Bachelor of Arts in Mathematics, 2007, Bachelor of Applied Science Physics, 2007, Northwestern University—Illinois; Master of Science, 2009, Wayne State University—Michigan
 Major: *Biomedical Engineering*
 Dissertation: Design and Evaluation of the Variable-Angle Slant-Hole Collimator for 3D Molecular Imaging of the Breast
 Dissertation Chair: D. R. Gilland

- Danielle Marie Graef, Bachelor of Arts in Psychology, 2009, University of Missouri at Columbia; Master of Science, 2011, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Sleep and Social-Ecological Influences of Quality of Life in Overweight Rural Youth Using a Risk-Resistance Framework
 Dissertation Chair: D. M. Janicke
- Jason R. Graham, Bachelor of Science in Entomology, 2006, University of Delaware; Master of Science, 2009, University of Florida
 Major: *Entomology and Nematology*
 Minor: *Agricultural Education and Communication*
 Dissertation: Monitoring Tunnel Nesting, Solitary Bees and Wasps in North Central Florida Using Artificial Nesting Habitats
 Dissertation Chair: J. D. Ellis
- Sally Lauren Grapin, Bachelor of Arts in Psychology, 2009, Brown University—Rhode Island; Master of Education, 2012, University of Florida
 Major: *School Psychology*
 Dissertation: An Investigation of the Relationship Between Performance on Curriculum-Based Measures of Oral Reading Fluency and High-Stakes Tests of Reading Achievement
 Dissertation Chair: J. H. Kranzler
- Leandro F. Greco, Medico Veterinario, 2006, Federal Universidade Federal de Goias—Brazil; Mestre em Agronomia, 2008, Universidade de Sao Paulo—Brazil
 Major: *Animal Molecular and Cellular Biology*
 Dissertation: Fatty Acids in Dairy Cattle Nutrition: Insights on Productive and Reproductive Performances
 Dissertation Chair: J. Santos
- Adriane Kaye Grumbein, Bachelor of Science, 2005, Abilene Christian University—Texas; Master of Science in Journalism, 2010, University of Kansas
 Major: *Mass Communication*
 Dissertation: I Can Explain...It's Something About the Way You Look Tonight: Using Advertising Visuals to Transfer and Manipulate Multidimensional Brand Personality
 Dissertation Chair: J. R. Goodman
- Wenjing Guan, Bachelor of Agriculture, 2006, Southwest University—China; Master of Plant Pathology, 2009, Chinese Academy of Agricultural Sciences
 Major: *Horticultural Sciences*
 Minor: *Plant Pest Management*
 Dissertation: Integrated Using Grafting Technology in Specialty Melon Production: Grafting Techniques, Root-Knot Nematode Management, and Fruit Quality
 Dissertation Chair: X. Zhao
- Hayriye Gülbudak, Lisans Diploması, 2007, Suleyman Demirel University—Turkey; Master of Science, 2011, University of Florida
 Major: *Mathematics*
 Dissertation: Modeling Culling and Vaccination in Poultry with Application to Avian Influenza
 Dissertation Chair: M. Martcheva-Drashanska
- Linke Guo, Bachelor of Engineering, 2008, Beijing University of Posts and Telecommunications—China; Master of Science, 2011, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Security and Privacy Preservation for Information Sharing and Dissemination
 Dissertation Chair: Y. Fang
- Yuanxiong Guo, Bachelor of Engineering, 2009, Huazhong University of Science and Technology—China; Master of Science, 2012, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Energy Optimization and Control for Data Centers and Smart Grids
 Dissertation Chair: Y. Fang
 Dissertation Co-chair: P. Khargonekar

- Daniel Christopher Gwinn, Bachelor of Science in Biology, 1999, Master of Science in Biology, 2002, Towson University—Maryland
 Major: *Fisheries and Aquatic Sciences*
 Dissertation: Simulation Models for Informing the Conservation and Management of Aquatic Resources
 Dissertation Chair: M. S. Allen
- Clifford Forrest Haynes, Bachelor of Arts in Communication, 2002, University of Arkansas; Master of Arts, 2004, Virginia Polytechnic Institute and State University
 Major: *Higher Education Administration*
 Minor: *Research and Evaluation Methodology*
 Dissertation: From Starting Point to Support System: Experiences of Female Students' Involvement in an Engineering Living-Learning Program
 Dissertation Chair: D. F. Campbell
- Eric D. Hazelbaker, Bachelor of Science in Chemical Engineering, 2010, Purdue University—Indiana
 Major: *Chemical Engineering*
 Dissertation: Experimental Investigation of the Dynamics of Mixtures of Ionic Liquids, Carbon Dioxide, and Porous Materials
 Dissertation Chair: S. Vasenkov
- Fang He, Bachelor of Engineering, 2010, Tsinghua University—China; Master of Science, 2013, University of Florida
 Major: *Civil Engineering*
 Dissertation: Optimal Deployment and Operations of Public Charging Infrastructure for Plug-In Electric Vehicles
 Dissertation Chair: Y. Yin
- Robert Thomas Hensley, Bachelor of Science in Environmental Engineering, 2006, Master of Science, 2010, University of Florida
 Major: *Interdisciplinary Ecology*
 Dissertation: Hydraulic Controls on Spatial and Temporal Variation in Nitrogen Spiraling in Large Rivers
 Dissertation Chair: M. Cohen
- Albert B. Hicks III, Bachelor of Chemical Engineering, 2004, Auburn University—Alabama
 Major: *Chemical Engineering*
 Dissertation: Sputter Deposited Zinc-Magnesium Alloyed Transparent Conducting Oxides for Copper Indium Gallium Diselenide Solar Cells
 Dissertation Chair: T. J. Anderson
- Georgia K. Hinkley, Bachelor of Science in Biological Sciences, 2009, Florida State University
 Major: *Veterinary Medical Sciences*
 Dissertation: Investigating the Influence of *In Vivo* Agglomeration Behavior and Intestinal Inflammation on the Oral Bioavailability of Gold Nanoparticles in Mice
 Dissertation Chair: S. M. Roberts
- Yu Hong, Bachelor of Engineering, 2006, Dalian University of Technology—China; Master of Engineering, 2009, Huazhong University of Science and Technology—China; Master of Science, 2012, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Cavitation Induced Damage in Tissue and Surrogate
 Dissertation Chair: G. Subhash
 Dissertation Co-chair: M. Sarntinoranont
- Valerie J. Hoover, Bachelor of Arts in Psychology, 2005, Temple University—Pennsylvania; Master of Science, 2010, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Dietary Restraint and Weight Change in College Women Participating in a Weight Gain Prevention Program
 Dissertation Chair: M. G. Perri
- Joshua A. Horton, Bachelor of Science in Digital Arts and Sciences *cum laude*, 2007, Master of Science, 2013, University of Florida
 Major: *Computer Engineering*
 Dissertation: Normalized Maximum Likelihood on Variable-Length Sequence Datasets
 Dissertation Chair: P. D. Gader

- Hsien-Yi Hsu, Bachelor of Science, 2002, National Chung Hsing University—Taiwan; Master of Science, 2004, National Taiwan University
 Major: *Chemistry*
 Dissertation: Exciton Diffusion and Electron Transfer of Platinum- Acetylide Polymers and Their Solid State Photophysics
 Dissertation Chair: K. S. Schanze
- Jinxiang Xiang Hu, Bachelor of Arts, 2001, Master of Arts, 2004, Tianjin Foreign Studies University—China
 Major: *Research and Evaluation Methodology*
 Dissertation: Evaluation of Model Fit in Cognitive Diagnosis Modeling
 Dissertation Chair: M. D. Miller
- Moon Hyon Hwang, Bachelor of Physical Education, 1999, Master of Physical Education, 2001, Korea University—South Korea
 Major: *Health and Human Performance*
 Dissertation: Effects of High-Intensity Interval Training vs. Moderate Continuous Exercise on Vascular Endothelial Function and Arterial Stiffness in Human Aging
 Dissertation Chair: D. D. Christou
- Matthew Clay Inman, Bachelor of Science in Aerospace Engineering, 2010, Master of Science, 2011, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Molecular Dynamics as a Foundation for Flux Prediction Through Nanoporous Membranes: A Vectorized, Constraint-Free Approach to Conservative Simulations
 Dissertation Chair: W. E. Lear
- Alex Jadidian, Bachelor of Science *cum laude*, 2009, Master of Science, 2011, University of Florida
 Major: *Counseling Psychology*
 Dissertation: Work Volition in United States Veterans
 Dissertation Chair: R. D. Duffy
 Dissertation Co-chair: J. Chambers
- Wen Ji, Bachelor of Engineering, 2009, Sichuan University—China
 Major: *Agricultural and Biological Engineering*
 Minor: *New Venture Creation*
 Dissertation: Application of Hollow Fiber Membrane Bioreactor (HFMBR)
 Dissertation Chair: P. C. Pullammanappallil
- Liyan Jin, Bachelor of Science in Management, 2007, Jinan University—China; Master of Science, 2010, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Planned Behavior and College Football Consumers' Intention to Donate to Green Stadium Initiatives
 Dissertation Chair: D. P. Connaughton
- Douglas T. Jones, Bachelor of Arts, 2000, University of Notre Dame—Indiana; Master of Education, 2011, University of Florida
 Major: *School Psychology*
 Dissertation: The Relationship Between Performance-Based and Behavior Rated Measures of Executive Functioning and Achievement in a Clinical Sample of Children and Adolescents with ADHD
 Dissertation Chair: T. D. Oakland
- Lizabeth L. Jordan, Bachelor of Science in Brain and Cognitive Sciences, 2008, Massachusetts Institute of Technology; Master of Science, 2010, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Cognitive Factors Contributing to Verbal Memory Performance in Clinical Pediatric Populations
 Dissertation Chair: S. C. Heaton
- Ahmed Jorge, Bachelor of Science in Aerospace Engineering *summa cum laude*, 2010, University of Florida
 Major: *Aerospace Engineering*
 Minor: *Statistics*
 Dissertation: Control of a Stochastic Model of an Aeroelastic MAV in Turbulence
 Dissertation Chair: R. C. Lind
 Dissertation Co-chair: M. Kumar

- Gungeet Joshi, Bachelor of Science in Home Science, 2002, Bachelor of Education, 2006, Master of Science in Food and Nutrition, 2006, Punjab Agricultural University—India; Master of Science, 2011, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Caregiving Preparedness, and Attitudes Towards Their Older Relatives Among College Students
 Dissertation Chair: C. E. Stopka-Boyd
 Dissertation Co-chair: R. Pigg
- Badal R. Juneja, Bachelor of Science in Nuclear Engineering *cum laude*, 2009, Master of Science, 2011, University of Florida
 Major: *Biomedical Engineering*
 Dissertation: Compton Backscatter Imaging for Medical Applications: Obtaining Information at Multiple Depths From a Single View
 Dissertation Chair: F. J. Bova
- Abena Lucie Kadjo, Licence es Sciences Economiques, 2006, University of Hassan Ier Faculte des Sciences Juridiques Economiques et Sociales—Morocco; Master of Science, 2010, University of Florida
 Major: *Food and Resource Economics*
 Dissertation: Import Demand, International Trade, Food Safety, and Price Analysis Relative to the Cocoa Sector
 Dissertation Chair: J. L. Seale
 Dissertation Co-chair: J. J. Vansickle
- Rushikesh Lambodar Kamalapurkar, Bachelor of Technology in Mechanical Engineering, 2007, Visvesvaraya National Institute of Technology—India; Master of Science, 2011, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Model-Based Reinforcement Learning for Online Approximate Optimal Control
 Dissertation Chair: W. E. Dixon
- Lucy Ward Keith Diagne, Bachelor of Science in Biology, 1987, St. Lawrence University—New York; Master of Arts in Biology, 1999, Boston University—Massachusetts
 Major: *Veterinary Medical Sciences*
 Dissertation: Phylogenetics Genetics and Feeding Ecology of the African Manatee (*Trichechus Senegalensis*)
 Dissertation Chair: R. L. Reep
- Cheolbok Kim, Bachelor of Science in Engineering, 2006, Master of Engineering, 2008, Gyeongsang National University—South Korea
 Major: *Electrical and Computer Engineering*
 Dissertation: Integrated Microwave Antennas and Passive Filters Using 3D Microfabrication and Metamaterial Architectures
 Dissertation Chair: Y. Yoon
- Junga Kim, Bachelor of Arts, 1999, Bachelor of Home Economics, 1999, Master of Arts in Mass Communication, 2001, Ewha Womans University—South Korea; Master of Arts, 2010, University of Minnesota
 Major: *Mass Communication*
 Dissertation: Does Electronic Word of Mouth Really Influence Their Friends in Social Media: Applying Balance Theory to Predict eWOM Effectiveness
 Dissertation Chair: D. M. Treise
 Dissertation Co-chair: T. R. Elias
- Ka Young Kim, Bachelor of Physical Education, 2006, Korea National Sport University—South Korea; Master of Science, 2009, University of Florida
 Major: *Health and Human Performance*
 Minor: *Mass Communication*
 Dissertation: The Ideal Body Image of Female Athletes and Their Perspectives to the Sexualized Media Images of Athletes: In Depth Interviews with Collegiate Female Athletes
 Dissertation Chair: M. B. Sagas
- Tae Ho Kim, Bachelor of Science in Physical Education, 2003, Yonsei University—South Korea; Master of Science, 2010, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Customer Engagement Framework Endemic to the Fitness Industry
 Dissertation Chair: Y. J. Ko

- Nkaku Robert Kisaalita, Bachelor of Science in Psychology, 2007, University of North Carolina at Chapel Hill; Master of Science, 2011, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Placebo Acceptability in Patients with Chronic Musculoskeletal Pain: The Effects of a Mechanism-Based Educational Intervention
 Dissertation Chair: M. E. Robinson
- Caitlin A. Knox, Bachelor of Science, 2007, Master of Public Health, 2009, University of Florida
 Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*
 Dissertation: The Comparative Safety of Anti-Diabetic Treatment in Pregnant Women with Preexisting Diabetes
 Dissertation Chair: A. G. Winterstein
- Sarabdeep K. Kochhar, Master of Mass Communication, 2005, Post-Graduate Diploma in Personnel Management and Labour Welfare, 2007, Panjab University—India; Master of Arts in Journalism and Mass Communication, 2009, University of Oklahoma at Norman
 Major: *Mass Communication*
 Dissertation: Corporate Diplomacy, the Art and Science of Managing a Multinational Corporation's Non-Market Environment
 Dissertation Chair: J. Molleda
- Aparna Krishnamurthy, Bachelor of Science in Agriculture, 2005, Master of Science in Genetics and Plant Breeding, 2007, University of Agricultural Sciences—India
 Major: *Horticultural Sciences*
 Minor: *Plant Molecular and Cellular Biology*
 Dissertation: Understanding Oxidative Stress Tolerance in Plants: Mechanisms for Tolerance to Arsenic and High Temperature Stress in *Arabidopsis Thaliana* and *Oryza Sativa*
 Dissertation Chair: B. Rathinasabapathi
- Taylor P. Kuhn, Bachelor of Science *magna cum laude*, 2008, Master of Science, 2011, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Structural and Functional Correlates of Adjacent Temporal Lobe Circuits: Associations with Memory Performance and Structural Neuroimaging in Temporal Lobe Epilepsy
 Dissertation Chair: R. M. Bauer
- Allison N. Kurti, Bachelor of Arts in Psychology *magna cum laude*, 2008, Wake Forest University—North Carolina; Master of Science in Psychology, 2010, Villanova University—Pennsylvania
 Major: *Psychology*
 Dissertation: Effects of Exercise and Contingency Management on Craving and Cigarette Smoking in the Human Laboratory
 Dissertation Chair: J. Dallery
- Prithviraj Lakkakula, Bachelor of Science in Agriculture, 2007, Acharya N. G. Ranga Agricultural University—India; Master of Science in Agricultural Economics, 2010, University of Arkansas
 Major: *Food and Resource Economics*
 Dissertation: Sugar and High Fructose Corn Syrup Consumption Shifts: A Case of the United States and Mexico
 Dissertation Chair: A. Schmitz
- Anna Lankina, Bachelor of Arts in History, 2007, Hillsdale College—Michigan; Master of Arts, 2011, University of Florida
 Major: *History*
 Dissertation: Reassessing Historiography in Late Antiquity: Philostorgius on Religion and Empire
 Dissertation Chair: A. L. Sterk
- Brittany M. Larkin, Bachelor of Arts in Education, 2000, Master of Education, 2001, University of Florida
 Major: *Educational Leadership*
 Dissertation: The Effects of Autonomy on Florida Public Schools: A Disaggregated Comparison of Charter Schools and Traditional Schools
 Dissertation Chair: R. Wood
- Emily V. Leary, Bachelor of Science in Mathematics, 2006, Master of Science in Biostatistics, 2006, University of Oklahoma at Norman; Master of Statistics, 2010, University of Florida
 Major: *Interdisciplinary Ecology*
 Dissertation: Climate Change and Heat Impacts on Health for Florida: A New Methodology and Analysis
 Dissertation Chair: L. Young

- Kyungyong Lee, Bachelor of Science in Electrical and Computer Engineering, 2004, Sungkyunkwan University—South Korea; Master of Science, 2010, University of Florida
Major: *Electrical and Computer Engineering*
Dissertation: Scalable and Fault-Tolerant Decentralized Resource Discovery for Large-Scale Distributed Computing Systems
Dissertation Chair: R. J. Figueiredo
- Flávia Lana Leite, Bacharel, 2003, Fundacao Joao Pinheiro—Brazil; Master of Public Affairs, 2006, University of Texas at Austin; Master of Arts, 2009, University of Florida
Major: *Sociology*
Dissertation: Modern Conflicts Over Conservation and Development of the Amazon: The Case of the Conflict Over the Construction of the Belo Monte Hydroelectric Dam in Brazil
Dissertation Chair: S. G. Perz
- Jorge Armando Leiva-Sanabria, Titulo de Ingeniero Forestal, 2002, Instituto Tecnologico de Costa Rica; Magister Scientiae en Ciencias Agrícolas y Recursos Naturales, 2007, Universidad de Costa Rica
Major: *Soil and Water Science*
Dissertation: Imidacloprid Fate and Transport in Florida Flatwoods Soils and Plants During Control of the Asian Citrus Psyllid
Dissertation Chair: P. Nkedi-Kizza
Dissertation Co-chair: K. T. Morgan
- Megan A. Leroy, Bachelor of Arts in English and History *cum laude*, 2005, University of Georgia; Master of Arts, 2007, University of Florida
Major: *English*
Dissertation: Cooking up Poetry: Housekeeping Manuals and Women Poets From Emily Dickinson to Cathy Song
Dissertation Chair: M. C. Bryant
- Dadria Renada Lewis, Bachelor of Science, 1999, University of the West Indies; Master of Education, 2008, Specialist in Education, 2008, University of Florida
Major: *Counseling and Counselor Education*
Dissertation: Influence of School Counselor Social Justice Advocacy and Multicultural Counseling Competencies on Counselor Engagement in School-Family-Community Collaboration
Dissertation Chair: E. S. Amatea
- Jason Martin Lewis, Bachelor of Science in Mechanical Engineering, 2004, University of California at Santa Barbara; Master of Science, 2012, University of Florida
Major: *Nuclear Engineering Sciences*
Dissertation: Active Neutron Methods for Nuclear Safeguards Applications Using Helium-4 Gas Scintillation Detectors
Dissertation Chair: K. Jordan
- Chao Li, Bachelor of Engineering, 2009, Zhejiang University—China; Master of Science, 2012, University of Florida
Major: *Electrical and Computer Engineering*
Dissertation: Enabling Renewable Energy Powered Sustainable High-Performance Computing
Dissertation Chair: T. Li
Dissertation Co-chair: J. A. Fortes
- Jiaying Li, Bachelor of Science, 2009, Peking University—China
Major: *Environmental Engineering Sciences*
Dissertation: Organosulfate Formation in Aerosol
Dissertation Chair: M. Jang
- Shijie Li, Bachelor of Engineering, 2010, Huazhong University of Science and Technology—China; Master of Science, 2014, University of Florida
Major: *Electrical and Computer Engineering*
Dissertation: Machine Learning Techniques and Their Applications to Computer Vision
Dissertation Chair: D. Wu
- Yangzhong Li, Bachelor of Science in Chemical Engineering, 2006, Master of Science in Materials, 2007, University of California at Santa Barbara
Major: *Materials Science and Engineering*
Minor: *Nuclear Engineering Sciences*
Dissertation: Molecular Dynamics Simulation of Defected Structures by COMB and EAM Potentials
Dissertation Chair: S. R. Phillpot

- Zhi Li, Bachelor of Management, 2008, Huazhong University of Science and Technology—China
 Major: *Business Administration—Information Systems and Operations Management*
 Dissertation: Economics of Cloud Computing
 Dissertation Chair: H. K. Cheng
- Xiaofei Liang, Bachelor of Science, 2007, Master of Agriculture, 2010, Northwest Agriculture and Forestry University—China
 Major: *Plant Pathology*
 Dissertation: Genetic Regulation of Oxalic Acid Metabolism and Pathogenesis in the Broad Host Range Necrotrophic Fungal Plant Pathogen *Sclerotinia Sclerotiorum* (Lib.) De Bary
 Dissertation Chair: J. A. Rollins
- Woo Taek Lim, Bachelor of Physical Therapy, 2008, Yonsei University—South Korea
 Major: *Rehabilitation Science*
 Minor: *Applied Physiology and Kinesiology*
 Dissertation: Magnetic Resonance Characterization of Muscle and Spinal Cord in a New Model of Severe Contusion Spinal Cord Injury
 Dissertation Chair: K. Vandeborne
- Huang Lin, Bachelor of Engineering, 2004, Master of Engineering, 2006, Harbin Institute of Technology—China; Doctor of Philosophy in Engineering, 2010, Shanghai Jiaotong University—China
 Major: *Electrical and Computer Engineering*
 Dissertation: Privacy Preserving Protocols Design in Distributed Computing Environments
 Dissertation Chair: Y. Fang
- Leming Lin, Bachelor of Economics, 2006, Harbin Institute of Technology—China; Master of Science in Finance, 2009, Singapore Management University
 Major: *Business Administration—Finance*
 Dissertation: Essays in Capital Structure
 Dissertation Chair: J. R. Ritter
 Dissertation Co-chair: M. J. Flannery
- Yashen Lin, Bachelor of Engineering, 2009, University of Science and Technology—China; Master of Science, 2012, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Application of Smart Control of Commercial Building HVAC System in Power Grid Ancillary Service: Modeling, Design, and Implementation
 Dissertation Chair: P. Barooah
- Gillian Escalada Lipari, Bachelor of Science *cum laude*, 2008, Master of Education, 2011, University of Florida
 Major: *School Psychology*
 Dissertation: Reading Comprehension Intervention: Metacognitive Strategy Instruction with Sixth Grade Students
 Dissertation Chair: N. L. Waldron
- Chao Liu, Bachelor of Biological Science, 2008, Nankai University—China; Master of Statistics, 2014, University of Florida
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: Indispensable Role of Reactive Oxygen Species in the Pathogenesis of Type 1 Diabetes
 Dissertation Chair: C. E. Mathews
- Minzhao Liu, Bachelor of Science, 2008, Fudan University—China
 Major: *Statistics*
 Dissertation: New Approaches for Quantile Regression
 Dissertation Chair: M. J. Daniels
- Wei Liu, Bachelor of Medicine, 1997, Shanghai Medical University—China; Master of Science, 2009, Harvard University—Massachusetts
 Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*
 Dissertation: Phosphodiesterase Type 5 Inhibitors and Risk of Sudden Sensorineural Hearing Loss: A Post-Marketing Safety Study
 Dissertation Chair: A. G. Winterstein

- Wei-Yang Lo, Bachelor of Science, 2003, Master of Science, 2005, National Tsing Hua University—Taiwan
 Major: *Nuclear Engineering Sciences*
 Dissertation: Minimizing the Fcc Between Metallic Sfr Fuel and Advanced F/M Claddings by Pack Cementation Diffusion
 Coating of Vanadium
 Dissertation Chair: Y. Yang
- Francisco Ernesto Loayza Davila, Grado de Bachiller en Ciencias Industrias Alimentarias, 2004, Universidad Nacional Agraria la Molina—Peru; Grade de Master, 2008, Institut National Polytechnique de Toulouse—Peru; Master of Agribusiness, 2013, University of Florida
 Major: *Horticultural Sciences*
 Dissertation: Application of Heat Stress and the Effect on the Antioxidant Composition of Fresh Tomatoes
 Dissertation Chair: J. K. Brecht
 Dissertation Co-chair: A. H. Simonne
- Yang Lu, Bachelor of Engineering, 2005, Master of Engineering, 2008, Shanghai Jiao Tong University—China
 Major: *Electrical and Computer Engineering*
 Dissertation: Modeling and Simulation of Nano-Scale Electronics Based on Novel Low Dimensional Materials
 Dissertation Chair: J. Guo
- Jing Ma, Bachelor of Science, 2010, University of Michigan at Ann Arbor; Master of Science, 2013, University of Florida
 Major: *Industrial and Systems Engineering*
 Dissertation: Coordination Schemes for Two-Echelon Supply Chain and Plug-In Hybrid Electric Vehicles
 Dissertation Chair: Y. Guan
 Dissertation Co-chair: J. P. Geunes
- Mihaela Marcu, Diploma de Licenta, 1998, University Babes-Bolyai University—Romania
 Major: *Food and Resource Economics*
 Dissertation: Privatization Effects on Efficiency in the Water and Waste Water Industry in Former Socialist Countries
 Dissertation Chair: C. B. Moss
- Meredith Gretz Marten, Bachelor of Arts in Anthropology, 2002, Michigan State University; Master of Arts in Anthropology, 2005, Florida State University; Master of Science in Public Health, 2008, Tulane University—Louisiana
 Major: *Anthropology*
 Dissertation: Aid Withdrawal and Health Care Sustainability: Shifting Mandates in Health Institutions and HIV/AIDS Programs in Tanzania
 Dissertation Chair: A. Young
- Ann Katherine Matzen, Bachelor of Science in Psychology, 2002, University of Iowa; Master of Education, 2007, University of Florida
 Major: *School Psychology*
 Dissertation: Developing Competence in Service Provision by School Psychologists Working with Students with Severe Disabilities
 Dissertation Chair: N. L. Waldron
 Dissertation Co-chair: D. Ryndak
- Emily S. McCann, Bachelor of Arts in English *summa cum laude*, 2006, Auburn University—Alabama; Master of Arts, 2008, University of Florida
 Major: *English*
 Dissertation: Gothic Futures: Modernist Gothic, Women's Modernism
 Dissertation Chair: M. C. Bryant
- Shannon N. McCarthy, Bachelor of Arts in Sociology, 2001, Pennsylvania State University; Master of Arts in Counselor Education, 2008, University of Central Florida
 Major: *Counseling and Counselor Education*
 Dissertation: The Evolution of School Counseling Students Perspectives Concerning Family-School Involvement Throughout Their Field Experience
 Dissertation Chair: E. S. Amatea
- K. Randall McClain, Bachelor of Science in Chemistry, 2007, University of Central Florida
 Major: *Chemistry*
 Dissertation: Design, Synthesis, Characterization, and Application of Molecular Precursors for Deposition of Conformal WNX and WNXCY Thin Films
 Dissertation Chair: L. A. McElwee-White

- Elizabeth Menton McGinnis Deweese, Bachelor of Science in Psychology, 2009, Millsaps College—Mississippi; Master of Science, 2011, University of Florida
 Major: *Psychology*
 Dissertation: Attention and Emotion: Extent and Time Course of Competition Between Task Stimuli and Affective Pictures in Human Visual Cortex
 Dissertation Chair: A. Keil
- Cheryl Althea McLaughlin, Bachelor of Science, 1994, Master of Philosophy in Botany, 1998, University of the West Indies; Master of Science in Education, 2010, St. Johns University—New York
 Major: *Curriculum and Instruction*
 Dissertation: The Negotiation of Meaning and Exercise of Power in Professional Learning Communities: An Investigation of Middle School Science Teachers
 Dissertation Chair: E. Bondy
 Dissertation Co-chair: K. J. Crippen
- Denyse Maria Mello, Titulo de Engenheiro Agrônomo, 1991, Universidade Federal do Acre—Brazil; Mestre em Agricultras Familiares Amazonicas e Desenvolvimento Agro-Ambiental, 2009, Universidade Federal do Para—Brazil
 Major: *Interdisciplinary Ecology*
 Dissertation: Collective Microenterprises and Rural Women’s Economic Empowerment in Brazilian Amazonia
 Dissertation Chair: M. C. Schmink
- Julie Williams Merten, Bachelor of Arts in Psychology, 2002, Master of Science in Health, 2005, University of North Florida
 Major: *Public Health*
 Dissertation: Prevalence and Correlates of Skin Cancer Risk Behaviors Among College Students
 Dissertation Chair: J. L. Pomeranz
- Harald G.P. Messer Jr., Bachelor of Science, 1997, Master of Science, 2005, University of Florida
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: The Role of JMJD3 and UTX Histone Demethylases in Hsv-1 Latency and Reactivation
 Dissertation Chair: D. C. Bloom
- Brad M. Messmer, Bachelor of Science in Chemical Engineering, 2010, Purdue University—Indiana
 Major: *Chemical Engineering*
 Dissertation: The Effects of Wavy Boundaries on Flow Structures and Fluid Instabilities
 Dissertation Chair: R. Narayanan
- Atanas A. Mihov, Bachelor of Science in Business Administration *summa cum laude*, 2008, Ramapo College of New Jersey
 Major: *Business Administration—Finance*
 Dissertation: Three Essays in Financial Economics
 Dissertation Chair: M. J. Flannery
 Dissertation Co-chair: A. Naranjo
- Shauna Tamara Marion Miller, Bachelor of Science, 1996, University of the West Indies; Master of Arts, 2000, Tufts University—Massachusetts
 Major: *School Psychology*
 Dissertation: Preschool Teacher Response to Challenging Behavior: The Role of Organizational Climate in Referrals and Expulsions
 Dissertation Chair: T. M. Smith-Bonahue
- David A. Mills, Bachelor of Science in Mechanical Engineering, 2008, University of Evansville—Indiana; Master of Science, 2010, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: A Sapphire MEMS-Based Optical Shear Stress Sensor for High-Temperature Applications
 Dissertation Chair: M. Sheplak
- Alison M. Montgomery, Bachelor of Arts, 2003, Master of Arts, 2007, University of Oklahoma at Norman
 Major: *Anthropology*
 Dissertation: Negotiating the Spaces of Fair Trade in South Africa’s Wine Industry
 Dissertation Chair: B. H. Chalfin
 Dissertation Co-chair: M. M. Stoilkova

- Austen C. Moore, Bachelor of Arts in History, 2003, Yale University—Connecticut; Master of Arts, 2011,
New Mexico State University
Major: *Agricultural Education and Communication*
Dissertation: Challenges and Opportunities for Improving the Delivery of Agricultural Extension Services to Small-Scale
Farmers in Post-Conflict Liberia
Dissertation Chair: A. M. Harder
- Thomas Edward Moore, Bachelor of Science, 2006, Norfolk State University—Virginia; Master of Urban and Regional Planning,
2010, Virginia Polytechnic Institute and State University
Major: *Higher Education Administration*
Dissertation: A Race Conscious Perspective on Academic Advising: Counternarratives of Black Doctoral Students in a College
of Education
Dissertation Chair: D. F. Campbell
Dissertation Co-chair: E. Bondy
- Pedro J. Mora, Bachelor of Science in Physics, 2004, Master of Science, 2007, University of Puerto Rico at Rio Piedras
Major: *Physics*
Dissertation: Graviton Propagation During Inflation
Dissertation Chair: R. P. Woodard
- Miguel Alfredo Morales, Bachelor of Science in Environmental Engineering *summa cum laude*, 2008, Master of Engineering,
2010, University of Florida
Major: *Environmental Engineering Sciences*
Dissertation: Innovative Water and Energy Demand Management Practices in the Public Water Supply Sectors
Dissertation Chair: J. Heaney
- Cesar Miguel Moreira, Bachelor of Science in Agricultural and Biological Engineering *cum laude*, 2007, Master of Science,
2009, University of Florida
Major: *Agricultural and Biological Engineering*
Minor: *Mechanical Engineering*
Dissertation: Development of an Integrated Algal Bio-Refinery for Extracellular Biomaterial and Biofuel Production
Dissertation Chair: P. C. Pullammanappallil
Dissertation Co-chair: S. Svoronos
- Wayne Kenneth Morrow, Bachelor of Science in Engineering (Materials Science and Engineering), 1987, University of Florida;
Master of Science in Engineering, 1996, Arizona State University; Master of Business Administration,
2001, University of Florida
Major: *Materials Science and Engineering*
Dissertation: The Use of Graphene as a Solid State Diffusion Barrier
Dissertation Chair: S. J. Pearton
- Christopher L. Mueller, Bachelor of Science *cum laude*, 2009, Bachelor of Arts *cum laude*, 2009, Master of Science, 2011,
University of Florida
Major: *Physics*
Dissertation: Techniques for Resonant Optical Interferometry with Applications to the Advanced LIGO Gravitational Wave
Detectors
Dissertation Chair: G. Muller
- Oscar Enrique Murillo García, Titulo de Biologo-Zoologia, 1997, Magister en Ciencias-Biologia, 2004,
Universidad del Valle—Colombia
Major: *Interdisciplinary Ecology*
Dissertation: Demography of Population Recovery: Discerning Pesticide Effects on Survival, Territory Occupancy, and
Breeding Success of Peregrine Falcons (*Falco Peregrinus*) in South Scotland
Dissertation Chair: M. K. Oli
- Emily A. Murphy, Bachelor of Arts *magna cum laude*, 2008, Master of Arts, 2010, University of Florida
Major: *English*
Dissertation: Growing Up With America: Myth, Childhood, and National Identity From 1945-2011
Dissertation Chair: P. E. Wegner
Dissertation Co-chair: A. Ulanowicz

- Kristin Marie Murphy, Bachelor of Arts in Psychology, 2003, Ithaca College—New York; Master of Science in Extension Education, 2005, Mercy College—New York; Master of Education, 2008, Harvard University—Massachusetts
 Major: *Special Education*
 Dissertation: Understanding the Experience of Teaching in a Juvenile Corrections School
 Dissertation Chair: M. T. Brownell
- Rasool Nasr Isfahani, Bachelor of Science, 2007, Master of Mechanical Engineering, 2010, University of Tehran—Iran
 Major: *Mechanical Engineering*
 Dissertation: Physical Mechanisms of Heat and Mass Transfer in Nanoengineered Membrane-Based Absorption Cooling System
 Dissertation Chair: S. Moghaddam
- Charles A. Nettleman III, Bachelor of Science, 2008, New Mexico State University; Master of Science, 2009, Texas A&M University at Corpus Christi
 Major: *Forest Resources and Conservation*
 Dissertation: GIS Modeling of Coastal Policies in Response to Sea Level Rise in Florida
 Dissertation Chair: A. H. Abd-Elrahman
 Dissertation Co-chair: G. Barnes
- Kelesha A. Nevers, Bachelor of Science in Criminal Justice *cum laude*, 2003, Old Dominion University—Virginia; Master of Arts in Criminology, 2005, University of Maryland at College Park
 Major: *Criminology, Law and Society*
 Dissertation: The Impact of Background/Demographics on Selection Standards and Academy Performance
 Dissertation Chair: L. M. Lanza-Kaduce
- Tu Ngoc Nguyen, Bachelor of Science in Chemistry, 2006, Vietnam National University; Master of Science, 2008, National University of Singapore
 Major: *Chemistry*
 Dissertation: Supramolecular Aggregates of Single-Molecule Magnets
 Dissertation Chair: G. Christou
- James Clyde Nifong, Bachelor of Science *summa cum laude*, 2007, University of Florida
 Major: *Zoology*
 Dissertation: Use of Marine Habitat and Food Resources by Coastal Inhabiting Alligator *Mississippiensis* (American Alligator): Implications for Food Web and Community Dynamics
 Dissertation Chair: B. Silliman
- Chandylen Nightingale, Bachelor of Science *cum laude*, 2006, Master of Public Health, 2010, University of Florida
 Major: *Public Health*
 Dissertation: A Prospective Biopsychosocial Investigation Into Head and Neck Cancer Caregiving
 Dissertation Chair: G. D. Carnaby
- Jia Niu, Bachelor of Management, 2005, Chang'an University; Master of Management, 2008, Xi'an University of Architecture and Technology
 Major: *Design, Construction and Planning*
 Minor: *Computer Engineering*
 Dissertation: Ontology-Based Semantic Interpretation Framework for Legal Analysis in Construction Claims
 Dissertation Chair: R. Issa
- Mark J. Noordhoek, Bachelor of Science in Engineering, 2009, University of Michigan at Ann Arbor
 Major: *Materials Science and Engineering*
 Dissertation: Development of Classical Interatomic Potentials for Applications in Corrosion and Phase Transitions
 Dissertation Chair: S. R. Phillpot
- Kamil W. Nowicki, Bachelor of Science *summa cum laude*, 2008, University of Florida
 Major: *Medical Sciences—Molecular Cell Biology*
 Dissertation: Role of Shear Stress Mediated Inflammation, ELR+ CXC Chemokines and Peroxisomal Proliferator Activated Receptor (PPAR) Pathway in Cerebral Aneurysm Formation
 Dissertation Chair: B. L. Hoh

- Roosbeh Nowrouzian, Bachelor of Science, 2006, Master of Science, 2008, Sharif University of Technology—Iran; Master of Science, 2013, University of Florida
 Major: *Civil Engineering*
 Minor: *Statistics*
 Dissertation: Spatial Models for Analyzing the Effects of Land Use Patterns on Automobile Ownership and Usage
 Dissertation Chair: S. Srinivasan
- Collins Rawlings Nunynameh, Bachelor of Science in Tourism, 2003, University of Cape Coast—Ghana; Master of Arts in International Studies, 2006, Morgan State University—Maryland
 Major: *Interdisciplinary Ecology*
 Dissertation: Mining and Community Development in Ghana
 Dissertation Chair: C. A. Overdeest
- Christopher Thomas O'Donohue, Bachelor of Science in Engineering in Chemical Engineering, 2008, University of Pittsburgh
 Major: *Chemical Engineering*
 Dissertation: Chemical Vapor Deposition of Tungsten Based Thin Films From Single Source Nitrido Complexes for Copper Metallization Applications
 Dissertation Chair: T. J. Anderson
- Wesley Newell Oehmig Jr., Bachelor of Science in Environmental Engineering *cum laude*, 2010, Master of Engineering, 2013, University of Florida
 Major: *Environmental Engineering Sciences*
 Dissertation: Emerging Practices of Thermal Solid Waste Treatment and the Beneficial Use of Residuals
 Dissertation Chair: T. G. Townsend
- Jessica A. Oswald, Bachelor of Science in Zoology, 2007, Michigan State University
 Major: *Zoology*
 Dissertation: The Historical Biogeography of Dry Forest Birds in Northwestern Peru
 Dissertation Chair: D. W. Steadman
- Keqin Ou, Bachelor of Science, 2007, Master of Engineering, 2010, China Agricultural University
 Major: *Food Science*
 Dissertation: Bioavailability and Catabolism of Cranberry Procyanidins
 Dissertation Chair: L. Gu
- Aysegül Özkan, Bachelor of Science, 2007, Bilkent University—Turkey
 Major: *Computer Engineering*
 Dissertation: EASAL: Algorithms and Software for Analyzing Entropy-Driven Assembly Landscapes
 Dissertation Chair: M. Sitharam
- Seckin Ozkul, Bachelor of Civil Engineering *magna cum laude*, 2006, Auburn University—Alabama
 Major: *Civil Engineering*
 Dissertation: Advanced Vehicle Dynamics Modeling Approach in Traffic Microsimulation with Emphasis on Commercial Truck Performance and On-Board-Diagnostics Data
 Dissertation Chair: S. S. Washburn
- Anup Surendra Pandkar, Bachelor of Engineering, 2009, Maharashtra Institute of Technology—India; Master of Science, 2011, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: A Microstructure Sensitive Study of Rolling Contact Fatigue in Bearing Steels: A Numerical and Experimental Approach
 Dissertation Chair: N. K. Arakere
 Dissertation Co-chair: G. Subhash
- Winifred V. Pankani Lindberg, Bachelor of Arts, 1998, University of Ghana; Master of Arts in International Studies, 2004, University of Oregon; Master of Arts, 2009, University of Florida
 Major: *Political Science*
 Dissertation: System Overload: A Reversed Collective Action Dilemma and Bureaucratic Capacity in Two African Countries
 Dissertation Chair: C. O'Dwyer

- Hyejin Jin Park, Bachelor of Arts in Communication Media, 2003, Bachelor of Arts in Korean Language and Literature, 2003, Seoul Women's University—South Korea; Master of Science in Speech and Language Pathology, 2007, Yonsei University—South Korea
 Major: *Communication Sciences and Disorders*
 Dissertation: The Contribution of Location Context on Verb and Thematic Role Association: Evidence From Eye Tracking in Younger and Older Adults
 Dissertation Chair: L. A. Edmonds
- Sinyoung Park, Bachelor of Arts, 2005, Sungshin Women's University—South Korea; Master of Public Health, 2007, Seoul National University—South Korea; Master of Science in Health Administration, 2009, University of Colorado at Denver
 Major: *Health Services Research*
 Dissertation: An Evaluation of the Impact of Provider Service Networks in Florida Medicaid Managed Care on Healthcare Process and Outcomes
 Dissertation Chair: J. S. Harman
- Grigory Pastukhov, Bakalavr Diploma, 2008, Diplom Magistra, 2010, Moscow Institute of Physics and Technology—Russia
 Major: *Industrial and Systems Engineering*
 Dissertation: Low Diameter Attack-Tolerant Clusters in Complex Networks
 Dissertation Chair: V. L. Boginski
- Iris Elaine Patten, Bachelor of Science, 2004, University of Maryland at College Park; Master of Arts in Urban and Regional Planning, 2007, University of Florida
 Major: *Design, Construction and Planning*
 Dissertation: Measuring Regional and Local Innovative Opportunity
 Dissertation Chair: P. D. Zwick
 Dissertation Co-chair: M. H. Carr
- Konstantin I. Pavlikov, Diplom Kvalifikatsiya, 2007, Moscow State University—Russia
 Major: *Industrial and Systems Engineering*
 Dissertation: Optimization Topics in Risk Management
 Dissertation Chair: S. Uryasev
- Rachel J. Pawlitz, Bachelor of Arts in Biology, 1997, Truman State University—Missouri; Master of Arts, 2002, Macquarie University—Australia
 Major: *Interdisciplinary Ecology*
 Dissertation: War of Words: Ecosystems, Equity, and Adaptive Management in America's Southeastern Water War
 Dissertation Chair: K. Z. Schwartz
 Dissertation Co-chair: W. Pine
- Caroline Maree Payne-Purvis, Bachelor of Science *cum laude*, 2007, Master of Science, 2009, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Assessing Risk Behaviors Associated with Disordered Eating Behaviors
 Dissertation Chair: C. E. Stopka-Boyd
 Dissertation Co-chair: E. H. Chaney
- Sabra D. Pelham, Bachelor of Arts in Linguistics, 1996, Bachelor of Arts in Anthropology, 1999, Master of Arts in Linguistics, 2000, University of Kansas; Master of Science, 2012, University of Florida
 Major: *Psychology*
 Dissertation: Bilinguals, Monolinguals, and Bilinguals' Attentional Control in the Presence of Cognitive and Emotional Distraction
 Dissertation Chair: L. Abrams
- Amanda L. Pendleton, Bachelor of Science *summa cum laude*, 2010, University of Florida
 Major: *Plant Molecular and Cellular Biology*
 Dissertation: Evolution of a Modern Pathogen: Genomic Mechanisms, Innovations, and Molecular Warfare
 Dissertation Chair: J. M. Davis

- Linh Thuy Pham, Bang Tot Nghiep Dai Hoc, 2007, Hanoi University of Technology–Vietnam
 Major: *Chemistry*
 Minor: *Biochemistry and Molecular Biology*
 Dissertation: Exploring the Topologies and Magnetic Exchange Interactions in New Hybrid Molecular 3D-4F Single-Molecule Magnet Families
 Dissertation Chair: G. Christou
- Michael Phillips, Bachelor of Music in Music Education, 1992, State University of New York at Potsdam;
 Master of Science in Music Education, 1996, University of Illinois at Urbana-Champaign
 Major: *Music Education*
 Dissertation: Expert Wind Band Directors' Perceptions of the Purpose and Value of Transcriptions in the Wind Band Repertoire
 Dissertation Chair: W. Bauer
 Dissertation Co-chair: D. A. Waybright
- Jill Lynn Pineda, Bachelor of Science *cum laude*, 2009, Master of Education, 2011, University of Florida
 Major: *School Psychology*
 Dissertation: Understanding Parents Decision Making Process When Choosing Treatments for Their Children with Autism Spectrum Disorders
 Dissertation Chair: N. L. Waldron
- Orapat Pookkawes, Bachelor of Arts, 2001, Srinakharinwirot University–Thailand; Master of Arts, 2003, Chulalongkorn University–Thailand
 Major: *Linguistics*
 Dissertation: Social and Stylistic Variation of (R) in Bangkok Thai
 Dissertation Chair: H. Blondeau
- Katherine M. Poole, Bachelor of Science in Psychology, 2008, Bachelor of Science in Chemistry, 2008, Indiana University at Indianapolis; Master of Science, 2014, University of Florida
 Major: *Chemistry*
 Dissertation: Theoretical and Experimental Exploration of 3D Transition Metal Clusters and Their Magnetic Properties
 Dissertation Chair: G. Christou
- Rishi Prasad, Bachelor of Science in Agriculture, 2007, Govind Ballabh Plant University of Agriculture and Technology–India; Master of Science, 2008, West Virginia University
 Major: *Soil and Water Science*
 Minor: *Agronomy*
 Dissertation: Using Nitrogen and Phosphorus Budgets and Crop System Model as Effective Tools for Assessing Nitrogen and Phosphorus Losses From Agricultural Systems
 Dissertation Chair: G. J. Hochmuth
 Dissertation Co-chair: C. J. Martinez
- Hanyao Qiu, Bachelor of Law, 2008, Renmin University; Master of Arts, 2011, University of Florida
 Major: *Sociology*
 Minor: *Statistics*
 Dissertation: Early Socioeconomic Attainment and the Lasting Effects of Adult Health for Employment Stability
 Dissertation Chair: R. G. White
 Dissertation Co-chair: C. L. Shehan
- Marcela Quintero Tabares Jr., Titulo de Ecologia, 2001, Pontifica Universidad Javeriana–Colombia; Master of Science, 2009, University of Florida
 Major: *Agronomy*
 Dissertation: Mixed Crop-Livestock Systems and Conservation Tillage: Farm Profitability, Adoption Potential, and Environmental Impacts
 Dissertation Chair: D. L. Wright
 Dissertation Co-chair: J. A. Ferrell

- Katalin Franciska Rac, Bachelor of Arts, 1999, Hebrew University of Jerusalem—Israel; Master of Arts in Nationalism Studies, 2005, Central European University—Hungary; Master of International Studies, 2005, Corvinus University of Budapest—Hungary
- Major: *History*
 Dissertation: Orientalism for the Nation Jews and Oriental Scholarship in Modern Hungary
 Dissertation Chair: A. Freifeld
 Dissertation Co-chair: M. B. Hart
- Adeeba A. Raheem, Bachelor of Science in Architectural Engineering and Design, 2006, University of Engineering and Technology at Lahore—Pakistan; Master of Science in Building Construction, 2010, Master of Science, 2012, Master of Science, 2013, University of Florida
- Major: *Design, Construction, and Planning*
 Dissertation: Developing a Framework for a Reciprocal Safety Implementation System (RSIS) in the Pakistani Construction Industry
 Dissertation Chair: R. Issa
- Shivakeshavan G. Ratnadurai Giridharan, Bachelor of Engineering in Electrical and Electronics Engineering, 2008, Anna University at Chennai—India; Master of Science, 2010, University of Florida
- Major: *Biomedical Engineering*
 Dissertation: Influence of Synaptic Changes on Synchronization in Neuronal Networks
 Dissertation Chair: S. Talathi
 Dissertation Co-chair: P. Khargonekar
- Abolfazl Ravanshad, Bachelor of Civil Engineering, 2005, Iran University of Science and Technology; Master of Science, 2008, Sharif University of Technology—Iran; Master of Science, 2012, University of Florida
- Major: *Civil Engineering*
 Dissertation: Image Texture Analysis to Evaluate Frictional Characteristics of Aggregates
 Dissertation Chair: R. Roque
- Janine Marie Raze, Bachelor of Arts in Environmental Science, 2008, New College of Florida; Master of Science in Entomology, 2010, University of Delaware
- Major: *Entomology and Nematology*
 Dissertation: Investigating IPM Tactics to Reduce Pest and Disease Pressure and Increase Marketable Yields in Organic Squash Production
 Dissertation Chair: O. E. Liburd
- Brian Engebos Reichert, Bachelor of Science in Fisheries and Wildlife, 2005, University of Minnesota; Master of Science, 2009, University of Florida
- Major: *Wildlife Ecology and Conservation*
 Dissertation: Spatial Structure in Demography and Movements of the Endangered Snail Kite: Revealing Multi-Scale Patterns and Their Implications for Conservation
 Dissertation Chair: W. M. Kitchens
 Dissertation Co-chair: R. J. Fletcher Jr.
- Jenna Brittany Renfroe, Bachelor of Arts *magna cum laude*, 2008, University of Delaware; Master of Science, 2010, University of Florida
- Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Psychophysiology of Emotion in Parkinson's Disease: Electrocortical Correlates of Emotional Perception, Preparation for Action and Anticipation
 Dissertation Chair: D. Bowers
 Dissertation Co-chair: M. M. Bradley
- Cintia Leite Ribeiro, Bacharel em Ciências Biológicas, 2009, Universidade Estadual Paulista—Brazil
- Major: *Plant Molecular and Cellular Biology*
 Dissertation: Molecular Characterization of Candidate Genes for Quantitative Traits in Populus
 Dissertation Chair: M. Kirst
- Jacob Richards, Bachelor of Science, 2010, Palm Beach Atlantic University—Florida
- Major: *Medical Sciences—Biochemistry and Molecular Biology*
 Dissertation: Pharmacological Modulation of the Circadian Protein Per1 and Its Action in the Kidney and Blood Pressure
 Dissertation Chair: M. L. Gumz

- Jeffrey Kyle Riley, Bachelor of Arts in Journalism, 2010, University of Central Florida; Master of Science, 2011, Ohio University
 Major: *Mass Communication*
 Dissertation: Shares, Likes, and Endorsement: Examining the Influence of Facebook Friends on Online Distribution of Misinformation
 Dissertation Chair: J. E. Dodd
- Paul Andrew Charles Robinson II, Bachelor of Science in Materials Science and Engineering *cum laude*, 2007, Master of Science, 2010, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: Fractal Analysis of Hydroxyapatite-Polysulfone Laminated Composites
 Dissertation Chair: J. J. Mecholsky
- Daniela Roditi, Bachelor of Arts in Psychology *summa cum laude*, 2008, Stetson University—Florida; Master of Science, 2010, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Deception: Is It a Necessary Component of the Placebo Response? An Empirical Investigation of the Role of Deception in Placebo Analgesia
 Dissertation Chair: M. E. Robinson
- Rafael Rodrigues de Oliveira, Bacherel em Ciencias Biologicas, 2007, Mestre em Genetica e Biologia Molecular, 2010, Universidade Federal do Rio Grande do Sul—Brazil
 Major: *Microbiology and Cell Science*
 Dissertation: Production of 2,3-Butanediol in *Escherichia coli* and *Bacillus subtilis*
 Dissertation Chair: W. L. Nicholson
- Vermalí Rodríguez De Jesús, Bachelor of Science in Biotechnology, 2006, University of Puerto Rico at Mayaguez
 Major: *Medical Sciences—Physiology and Pharmacology*
 Dissertation: Understanding Prorenin-induced Hypothalamic Astrocyte Activation and the Role of Astrogliosis During Neurogenic Hypertension
 Dissertation Chair: C. Sumners
- Ana Maria Rogers, Bachelor of Science in Civil Engineering, 2005, University of Rhode Island; Master of Science in Civil Engineering, 2007, Georgia Institute of Technology
 Major: *Environmental Engineering Sciences*
 Dissertation: Ultraviolet Activated Treatment of Mercury Wastewater in the Presence of Selected Competing Ligands
 Dissertation Chair: D. W. Mazyck
- Andrew Justin Ropicki, Bachelor of Science in Business Administration with honors, 2002, Master of Science, 2004, Master of Science, 2009, University of Florida
 Major: *Food and Resource Economics*
 Dissertation: An Analysis of IFQ Trading in the Gulf of Mexico Commercial Red Snapper Fishery: Three Essays
 Dissertation Chair: S. L. Larkin
- Alex Lewis Rubenstein, Bachelor of Arts in Business Administration, 2009, University of Washington at Seattle
 Major: *Business Administration—Management*
 Dissertation: The Comparative Effects of Insider Helping Motives on Newcomer Adjustment
 Dissertation Chair: J. D. Kammeyer-Mueller
- Nick Warren Ruktanonchai, Bachelor of Science in Biology, 2008, Centre College—Kentucky
 Major: *Zoology*
 Dissertation: Mosquitoes in Space: How Movement and Landscape Influence Mosquito Distribution and Disease Transmission
 Dissertation Chair: D. L. Smith
 Dissertation Co-chair: P. De Leenheer
- Joseph A. Rukus Jr., Bachelor of Science in Business Administration and Finance, 1990, Xavier University—Ohio; Bachelor of Arts, 2007, San Francisco State University—California; Master of Regional Planning, 2009, Cornell University—New York
 Major: *Criminology, Law, and Society*
 Dissertation: Paving a Positive Path: An Evaluation of the Alachua County Work Release Program
 Dissertation Chair: J. S. Lane

- Renee Christine Ryals, Bachelor of Science *cum laude*, 2009, University of Florida
 Major: *Medical Sciences—Molecular Cell Biology*
 Dissertation: Expanding the Utility of AAV Gene Therapy for CEP290-Leber Congenital Amaurosis
 Dissertation Chair: W. W. Hauswirth
- Norma Ramona Samuel, Bachelor of Science in Plant Protection, 1997, Master in Plant Protection and Pest Management, 1999, University of Georgia
 Major: *Agricultural Education and Communication*
 Minor: *Nonprofit Organizations*
 Dissertation: An Examination of the Competencies and Professional Development Needs of Extension Officers in the Caribbean Community (Caricom)
 Dissertation Chair: A. M. Harder
- Generosa A. Sangco-Jackson, Bachelor of Arts, 2003, Master of Arts, 2006, University of Florida
 Major: *Classical Studies*
 Dissertation: Horace's Roman Odes: A Therapeutic Reading
 Dissertation Chair: T. S. Johnson
- Nicolas Francois Sauty, Licence de Sciences et Technologies Mention Chime, 2008, Master de Sciences et Technologies Mention Chime Fondamentale et Appliquee, 2010, Universitie Pierre et Marie Curie—France
 Major: *Chemistry*
 Dissertation: Precision Polyolefins Containing Aromatic Moieties
 Dissertation Chair: K. B. Wagener
 Dissertation Co-chair: B. S. Sumerlin
- Jonathan E. Schelfhout, Bachelor of Science, 2009, Bachelor of Arts, 2009, University of Florida
 Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*
 Dissertation: Comparative Safety and Effectiveness of Total Hip Arthroplasty Articulating Surfaces
 Dissertation Chair: A. G. Hartzema
- Melody Karen Schiaffino-Castro, Bachelor of Arts in Spanish, 2001, Bachelor of Arts in Interdisciplinary Studies, 2001, University of Missouri at Columbia; Master of Arts, 2008, University of South Florida
 Major: *Health Services Research*
 Dissertation: A Spatial and Organizational Approach to Measuring Disparities in Hospital Language Services
 Dissertation Chair: R. P. Duncan
- Sarah Kiley Schoff, Bachelor of Arts in Anthropology, 2000, University of Maine; Master of Science in Human Biology, 2007, University of Indianapolis—Indiana
 Major: *Anthropology*
 Dissertation: Estimating the Postmortem Interval in Florida: A Regional Validation Study Using Geospatial Analysis
 Dissertation Chair: M. W. Warren
- Alan Frank Schultz, Bachelor of Arts in Anthropology, 2004, Master of Public Health, 2006, University of Iowa
 Major: *Anthropology*
 Dissertation: Biocultural Analyses of Social Status, Cultural Meaning, and Chronic Stress Among Tsimane' Forager-Horticulturalists in Lowland Bolivia and Urban Puerto Ricans
 Dissertation Chair: C. C. Gravlee
- Michael D. Schulz, Bachelor of Science in Chemistry, 2010, University of Iowa
 Major: *Chemistry*
 Dissertation: From Metathesis to Metastases: Developing Applications of Insertion Metathesis and Polymeric Radionuclide-Delivery Vehicles
 Dissertation Chair: K. B. Wagener
- Gyungseon Seol, Bachelor of Science, 2005, Hanyang University—South Korea; Master of Science, 2007, Seoul National University—South Korea
 Major: *Electrical and Computer Engineering*
 Dissertation: Device Simulation of Functionalized 2D Material
 Dissertation Chair: J. Guo

- Stephanie Lynn Shaw, Bachelor of Arts in Zoology, 2004, Ohio Wesleyan University; Master of Science in Wildlife and Fisheries Sciences, 2010, South Dakota State University
 Major: *Fisheries and Aquatic Sciences*
 Dissertation: Reproduction and Recruitment of Florida Bass *Micropterus Floridanus*
 Dissertation Chair: M. S. Allen
- Isaac Shearn, Bachelor of Arts in Anthropology, 2004, University of Vermont; Master of Arts, 2009, University of Florida
 Major: *Anthropology*
 Dissertation: Pre-Columbian Regional Community Integration in Dominica, West Indies
 Dissertation Chair: M. J. Heckenberger
- Ravi Shekhar, Bachelor of Technology in Information and Communication Technology, 2006, Dhirubhai Ambani Institute of Information and Communication Technology–India; Master of Science, 2009, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: The Adaptive Time Machine
 Dissertation Chair: J. G. Harris
- Yu Shen, Bachelor of Science, 2009, Nanjing University–China
 Major: *Physics*
 Dissertation: Ultra-Thin, Highly Uniform, Sprayed Single Wall Carbon Nanotubes for Vertical Field Effect Transistors
 Dissertation Chair: A. G. Rinzler
- Herschel E. Shepard III, Bachelor in English Literature, 1995, University of North Florida; Master of Arts, 2003, University of Florida
 Major: *English*
 Dissertation: Saved by Zero: Sovereignty and (Super)Heroics after 9/11
 Dissertation Chair: J. P. Leavey
- Soim Shin, Bachelor of Science, 1999, Yonsei University–South Korea; Bachelor of Arts, 2002, Korea University; Master of Arts, 2005, Ohio State University
 Major: *Curriculum and Instruction*
 Dissertation: Three Native English-Speaking Teachers Construction of Their Identities as Instructors While Teaching in South Korean Middle and High Schools
 Dissertation Chair: D. Fu
- Caleb B. Simmons, Bachelor of Arts in Religious Studies, 2005, Missouri State University; Master of Arts in Religion, 2008, Florida State University
 Major: *Religion*
 Dissertation: The Goddess and the King: Camundesvari and the Fashioning of the Wodeyar Court of Mysore
 Dissertation Chair: V. R. Narayanan
 Dissertation Co-chair: T. L. Smith
- Savyasachi Singh, Bachelor of Technology in Electronics and Communication Engineering, 2005, Vellore Institute of Technology; Master of Science, 2007, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Automatic Assessment of Disordered Speech Intelligibility
 Dissertation Chair: J. G. Harris
- Corbitt Stace Sirmans, Bachelor of Science in Finance, 2009, Florida State University
 Major: *Business Administration–Finance*
 Dissertation: Credit Risk Effects in Corporate Finance and Investments
 Dissertation Chair: A. Naranjo
- Alfredo L. Sklar, Bachelor of Arts with honors in Psychology, 2007, Haverford College–Pennsylvania
 Major: *Medical Sciences–Neuroscience*
 Dissertation: Early Processing Deficits Following Moderate Alcohol Consumption
 Dissertation Chair: S. J. Nixon

- Katherine E. Skorpinski, Bachelor of Science in Anthropology, 2006, Michigan State University; Master of Arts, 2009, University of Florida
Major: *Anthropology*
Dissertation: Investigating the Role of Diet in U.S. Craniofacial Secular Trends
Dissertation Chair: D. Daegling
- Daniel Jeffry Smith, Bachelor of Science in Civil Engineering *magna cum laude*, 2010, Master of Engineering, 2014, University of Florida
Major: *Civil Engineering*
Dissertation: The Wind Resistance of Clay and Concrete Roofing Tiles
Dissertation Chair: F. Masters
- Inkyung Song, Bachelor of Arts, 2007, Ewha Womans University—South Korea; Master of Arts, 2009, New York University
Major: *Psychology*
Dissertation: Sensory Gain Changes During Visual Fear Conditioning: Evidence From Electrophysiology and Psychophysics
Dissertation Chair: A. Keil
- Xuyang Song, Bachelors of Economics, 2005, Shenyang Pharmaceutical University—China
Major: *Pharmaceutical Sciences—Pharmacy*
Dissertation: Meta-Analysis of Sex Impact on Rheumatoid Arthritis Treatment Response with Biologics
Dissertation Chair: H. C. Derendorf
- Eric Kendall Soule Jr., Bachelor of Arts *cum laude*, 2007, Master of Public Health, 2010, University of Florida
Major: *Public Health*
Dissertation: An In-Depth Examination of Hookah and Alcohol Concurrent Use Among Young Adults
Dissertation Chair: T. E. Barnett
- Matthew Edward Souther, Bachelor of Science in Business Administration, 2006, Auburn University—Alabama; Master of Science, 2008, University of North Carolina at Charlotte
Major: *Business Administration—Finance*
Dissertation: Essays in Corporate Governance
Dissertation Chair: M. D. Ryngaert
- Shantih M. Spanton, Bachelor of Science, 2006, University of Wisconsin at Eau Claire
Major: *Industrial and Systems Engineering*
Dissertation: Network Models for Performance Analysis and Optimization
Dissertation Chair: J. P. Geunes
Dissertation Co-chair: J. Smith
- Sridhar Srinivasan, Bachelor of Engineering, 2004, Bharathiar University—India; Master of Science, 2006, Master of Science, 2011, University of Florida
Major: *Psychology*
Dissertation: Selective Attention Modulates Peripheral Auditory Function
Dissertation Chair: D. W. Smith
- Jennifer Joy Stamps, Bachelor of Arts in Psychology, 2001, Vanderbilt University—Tennessee
Major: *Medical Sciences—Neuroscience*
Dissertation: Chemosensory Function During Healthy Aging, Alzheimer's, and Parkinson's Disease
Dissertation Chair: L. M. Bartoshuk
Dissertation Co-chair: K. M. Heilman
- Jessica Elizabeth Steele, Bachelor of Science, 2001, Michigan Technological University; Master of Arts, 2005, Clark University—Massachusetts
Major: *Geography*
Dissertation: Examining Spatiotemporal Landscape Variability Through Hyperspectral, Multispectral, and Field Spectroscopy Analyses
Dissertation Chair: J. Southworth
Dissertation Co-chair: G. Kiker

- Forrest Robert Stevens, Bachelor of Arts, 1998, University of Chicago—Illinois; Master of Science, 2009, University of Florida
 Major: *Geography*
 Dissertation: Sensing Change: Methodologies of Scale and Analyzing Interactions of Land Cover, Land Use and Forest Changes in Wallowa County, Oregon
 Dissertation Chair: J. Southworth
 Dissertation Co-chair: G. Kiker
- Stuart Kenneth Strome, Bachelor of Arts in Political Science, 2005, Florida Atlantic University; Master of Arts, 2011, University of Florida
 Major: *Political Science*
 Dissertation: Englands Answer Identity and Legitimation in British Foreign Policy
 Dissertation Chair: M. Brown
- Gregory S. Stupp, Bachelor of Science, 2009, University of Florida
 Major: *Medical Sciences—Biochemistry and Molecular Biology*
 Dissertation: Metabolomics as a Tool for Understanding Stress Responses in *Caenorhabditis Elegans*
 Dissertation Chair: A. S. Edison
 Dissertation Co-chair: P. A. Gulig
- Dhivya R. Sudhan, Master of Science, 2008, University of Mumbai—India
 Major: *Medical Sciences—Physiology and Pharmacology*
 Dissertation: Cathepsin L Targeting in Metastatic Disease
 Dissertation Chair: D. W. Siemann
- Dong Hee Suh, Bachelor of Economics, 2005, Korea University; Master of Arts in Economics, 2008, University of California at Irvine
 Major: *Food and Resource Economics*
 Dissertation: The Unintended Consequences of the Ethanol Mandate in the Agricultural and Energy Sectors
 Dissertation Chair: C. B. Moss
- Yanglan Tan, Bachelor of Science, 2009, Nanjing University—China
 Major: *Chemistry*
 Dissertation: Infrared Multiple Photon Dissociation—Mass Spectrometry of Monosaccharides, Disaccharides, Trisaccharides and Their Derivatives for Isomeric Differentiation
 Dissertation Chair: N. C. Polfer
- Ming Tang, Bachelor of Science, 2008, Shanghai Jiao Tong University—China
 Major: *Genetics and Genomics*
 Dissertation: Epigenetic Regulations of Cancer
 Dissertation Chair: J. Lu
- Nii Adjetej Tawiah, Bachelor of Arts, 1999, University of Ghana; Master of Arts in Sociology *magna cum laude*, 2010, North Carolina Central University
 Major: *Sociology*
 Dissertation: Maternal Job Loss and Inequalities in Child Academic Achievement
 Dissertation Chair: R. G. White
- Daniel Ernesto Taylor Rodriguez, Diploma de Economista, 2003, Universidad de Los Andes—Colombia; Especialista en Estadística, 2007, Universidad Nacional de Colombia; Master of Statistics, 2011, University of Florida
 Major: *Interdisciplinary Ecology*
 Dissertation: Objective Bayesian Methods for Occupancy Model Estimation and Selection
 Dissertation Chair: L. Young
 Dissertation Co-chair: N. A. Bliznyuk
- Patrick Charles Thiaville, Bachelor of Science in Biological Sciences, 2000, Southeastern Louisiana University
 Major: *Genetics and Genomics*
 Dissertation: Cellular Responses to Threonylcarbamoyladenine (t6A) Deficiency in *Saccharomyces cerevisiae*
 Dissertation Chair: V. De Crecy-Lagard

- Sadie A. Thomas, *Artium Baccalaureus cum laude*, 2000, Cornell University–New York; Master of Science, 2005, University of West Florida
 Major: *Industrial and Systems Engineering*
 Dissertation: Survival Probability on Networks with Memory and Fortification
 Dissertation Chair: J. Smith
- Di Tian, Bachelor of Engineering, 2005, Master of Management, 2010, China University of Geosciences
 Major: *Agricultural and Biological Engineering*
 Dissertation: Improving Medium-Range and Seasonal Hydroclimate Forecasts in the Southeast U.S.
 Dissertation Chair: C. J. Martinez
- Rujira Tisarum, Bachelor of Science, 2002, Chulalongkorn University–Thailand; Master of Science in Agriculture, 2006, Kasetsart University–Thailand
 Major: *Soil and Water Science*
 Dissertation: Antimony Uptake, Efflux and Speciation in Arsenic Hyperaccumulator *Pteris Vittata*
 Dissertation Chair: L. Q. Ma
 Dissertation Co-chair: B. Rathinasabapathi
- Lana Dia Tolaymat, Bachelor of Science *summa cum laude*, 2007, Master of Science, 2011, University of Florida
 Major: *Counseling Psychology*
 Dissertation: U.S. Muslim Women and Body Image: Links Among Objectification Theory Constructs, Experiences of Discrimination, and the Hijab
 Dissertation Chair: B. Moradi
- Carrie Lisa Torrey, Bachelor of Arts in Psychology *summa cum laude*, 2006, Marist College–New York; Master of Science, 2011, University of Florida
 Major: *Counseling Psychology*
 Dissertation: Calling in Retirement: A Mixed Methods Study
 Dissertation Chair: R. D. Duffy
- Jose Antonio Tovar Aguilar, Licenciado en Filosofia, 1997, Universidad de Guanajuato–Mexico; Master of Arts, 2008, University of Florida
 Major: *Anthropology*
 Dissertation: Strategies of Safety and Health Among Citrus Farmworkers in Florida: A Cultural and Social Network Approach
 Dissertation Chair: C. McCarty
- Sarah Katelyn Traphagen, Bachelor of Arts in English *magna cum laude*, 2008, Niagara University–New York; Master of Arts in English, 2010, State University of New York at Buffalo
 Major: *English*
 Dissertation: Bite the Belt: The Surgeon in Civil War Literature
 Dissertation Chair: S. A. Smith
- Nazli Zeynep Turken, Bachelor of Science in Industrial Engineering, 2006, Pennsylvania State University; Master of Engineering, 2008, University of Florida
 Major: *Business Administration–Information Systems and Operations Management*
 Dissertation: Environmentally and Socially Responsible Operations
 Dissertation Chair: J. E. Carrillo
- Callie Elizabeth Tyner, Master of Science, 2010, University of Florida
 Major: *Psychology–Clinical and Health Psychology*
 Dissertation: Applications of Item Response Theory and Rasch Analysis to Neuropsychological Assessment of Attention
 Dissertation Chair: S. C. Heaton
- Janna Lynn Underhill, Bachelor of Science, 1990, Master of Forest Resources and Conservation, 1994, Master of Education, 2002, University of Florida
 Major: *Research and Evaluation Methodology*
 Dissertation: The Robustness of Kernel Equating as Non-Normality Occurs Under the Equivalent Groups Design
 Dissertation Chair: M. D. Miller

- Christine O. Valcarce, Bachelor of Science in Environmental Engineering *summa cum laude*, 2010, Master of Engineering, 2011, University of Florida
 Major: *Environmental Engineering Sciences*
 Dissertation: Multi-Variable Linear Regression Analysis of Powdered Activated Carbon Performance for the Removal of Trace Concentrations of 2-Methylisoborneol and Atrazine From Natural Waters
 Dissertation Chair: D. W. Mazyck
- Billy Valderrama, Bachelor of Science in Materials Science and Engineering *cum laude*, 2010, Master of Science, 2012, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: Investigations of Ion-Irradiated Uranium Dioxide Nuclear Fuel with Laser-Assisted Atom Probe Tomography
 Dissertation Chair: M. V. Manuel
- James Robert Van Scotter II, Bachelor of Arts *summa cum laude*, 2006, Master of Business Administration, 2007, University of Florida
 Major: *Business Administration–Management*
 Dissertation: CEO Personality in Strategic Research: An Alternative Approach
 Dissertation Chair: H. Tosi
- Brandon L. Velez, Bachelor of Science *summa cum laude*, 2009, Bachelor of Arts *cum laude*, 2009, Master of Science, 2011, University of Florida
 Major: *Counseling Psychology*
 Dissertation: Testing the Moderating Role of Collective Identity in the Link of Heterosexist Discrimination with Mental Health
 Dissertation Chair: B. Moradi
- Tristan C. Vellinga, Bachelor of Science in Political Science, 2007, University of Iowa; Master of Arts, 2010, University of Florida
 Major: *Political Science*
 Dissertation: Controlling the Agenda: EU Accession and Political Competition in Turkey
 Dissertation Chair: A. D. Kreppel
- Prasanna Kumar Venuvanalingam, Bachelor of Engineering, 2005, Anna University–India; Master of Science, 2009, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Bubble Sliding Heat Transfer Enhancement in Forced Convective Flow: Liquid Crystal Thermography and Computational Study
 Dissertation Chair: J. F. Klausner
 Dissertation Co-chair: R. Mei
- Matthew Martin Vernon, Bachelor of Science in Biomedical Engineering, 2007, University of Texas at Austin; Master of Engineering, 2010, University of Florida
 Major: *Biomedical Engineering*
 Dissertation: Enhancing Magnetic Nanoparticle Based-DNA Transfection: Intracellular-Active Cassette Features
 Dissertation Chair: J. Dobson
- Chrysafis Vogiatzis, Diploma, 2009, Aristotle University of Thessaloniki–Greece ; Master of Science, 2012, University of Florida
 Major: *Industrial and Systems Engineering*
 Dissertation: Exact and Heuristic Approaches to Solving Sensor Placement, Routing, and Tracking Problems
 Dissertation Chair: P. M. Pardalos
- Michael E. von Fricken, Bachelor of Science in Health Science, 2008, James Madison University–Virginia; Master of Public Health, 2011, University of Florida
 Major: *Public Health*
 Dissertation: Malaria Treatment Policy, Management, and Epidemiology in Haiti
 Dissertation Chair: B. A. Okech
- Ekaterina A. Vorotnikova, Bachelor of Science in Computer Engineering, 2005, Master of Arts, 2009, University of South Florida; Master of Science, 2013, University of Florida
 Major: *Food and Resource Economics*
 Dissertation: Risk Management and Allocation in Dynamic Systems
 Dissertation Chair: J. J. Vansickle
 Dissertation Co-chair: T. Borisova

- David Robert Earl Walker, Bachelor of Science in Mechanical Engineering, 2009, Master of Science, 2012, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Patient Specific Computational Modeling to Assess Reverse Shoulder Arthroplasty
 Dissertation Chair: S. A. Banks
- Jose Luis Walteros, Ingeniero Industrial, 2006, Magister en Ingenieria Industrial, 2007, Universidad de Los Andes—Colombia
 Major: *Industrial and Systems Engineering*
 Dissertation: Integer Programming Models for Solving Critical Element Detection and Data Association Problems
 Dissertation Chair: P. M. Pardalos
- Laura D. Wandner, Bachelor of Arts in Government summa cum laude, 2007, Connecticut College; Master of Science, 2011, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Effect of a Perspective Taking Intervention on Consideration of Race, Sex, and Age in Pain Assessment and Treatment Decisions
 Dissertation Chair: M. E. Robinson
- Bo Wang, Bachelor of Science, 2006, Master of Science, 2009, Tsinghua University—China
 Major: *Biomedical Engineering*
 Dissertation: Photoacoustic Technologies and Their Application in the Study of Epileptic Seizures in Rats
 Dissertation Chair: H. Jiang
- Lan Wang, Bachelor of Engineering, 2009, Tsinghua University—China
 Major: *Business Administration—Information Systems and Operations Management*
 Dissertation: Essays on Supply Chain Management
 Dissertation Chair: A. J. Vakharia
 Dissertation Co-chair: T. Rajapakshe
- Letian Wang, Master of Engineering in Chemical Engineering, 2009, University College London—United Kingdom
 Major: *Agricultural and Biological Engineering*
 Dissertation: Polymer Composites Reinforced by Inorganic Nanoparticles and Lignocellulose
 Dissertation Chair: Z. Tong
- Ruoxuan Wang, Bachelor of Engineering, 2008, Tsinghua University—China
 Major: *Business Administration—Information Systems and Operations Management*
 Dissertation: Essays on Supply Chain Coordination
 Dissertation Chair: J. E. Carrillo
- Yi-Chung Wang, Bachelor of Science, 2005, National Cheng Kung University—Taiwan; Master of Science, 2009, University of Florida
 Major: *Chemistry*
 Dissertation: Plasmonics: The Enhanced Electromagnetic Field and Applications
 Dissertation Chair: W. Wei
- Samantha Marie Waters, Bachelor of Science in Biology, 2006, University of Central Florida
 Major: *Microbiology and Cell Science*
 Dissertation: How Does *Bacillus subtilis* Respond and Adapt to Low-Pressure Growth?
 Dissertation Chair: W. L. Nicholson
- Johann Everton Christopher Weekes, Bachelor of Science in Civil Engineering *cum laude*, 2004, Master of Engineering, 2006, University of Florida
 Major: *Civil Engineering*
 Dissertation: Predicting the Vulnerability of Typical Commercial and Single Family Residential Buildings to Hurricane Damage
 Dissertation Chair: K. R. Gurley
- Jared Wayne Westbrook, Master of Science, 2009, University of Florida
 Major: *Plant Molecular and Cellular Biology*
 Dissertation: Genomic Analysis of Stem Terpene Traits in Loblolly Pine
 Dissertation Chair: J. M. Davis

- Sarah Haverty White, Bachelor of Science *summa cum laude*, 2007, Master of Science, 2010, University of Florida
 Major: *Animal Sciences*
 Minor: *Applied Physiology and Kinesiology*
 Dissertation: Adaptations to Skeletal Muscle and Antioxidant Status in Response to Exercise Training and Diet in Equine Athletes
 Dissertation Chair: L. Warren
- Christopher Erik Wilson, Bachelor of Arts in Communication, 1999, Master of Arts in Communication, 2009, Brigham Young University—Utah
 Major: *Mass Communication*
 Dissertation: The Impact of Dominant Coalition Environmental Values and Perceptions on Public Relations Management
 Dissertation Chair: K. S. Kelly
- Tenisha D. Wilson, Bachelor of Science *summa cum laude*, 2008, University of Florida
 Major: *Microbiology and Cell Science*
 Dissertation: Alterations in T Cell Functions Mediated by SOCS1 Deficiency: Implications for SLE Development and Revelation of a Novel Biological Target
 Dissertation Chair: J. Larkin III
- Timothy J. Wilson, Bachelor of Science in Criminology *cum laude*, 1997, Master of Arts, 2002, Ball State University—Indiana
 Major: *Higher Education Administration*
 Dissertation: Assessing Internationalization Efforts: Utilizing Item Response Theory to Validate Intercultural Competency and Global Awareness in Postsecondary Undergraduate Students
 Dissertation Chair: D. F. Campbell
 Dissertation Co-chair: M. D. Miller
- Christopher James Witulski, Bachelor of Music *magna cum laude*, 2004, Master of Music, 2007, State University of New York at Potsdam; Master of Music, 2009, University of Florida
 Major: *Music*
 Dissertation: “Because the People Will Like It”: The Changing Gnawa Ritual in Morocco
 Dissertation Chair: L. N. Crook
- Ryan Matthew Wood, Bachelor of Science in Chemistry *cum laude*, 2008, Virginia Commonwealth University
 Major: *Chemistry*
 Dissertation: Strain Enhanced Optically Pumped Nuclear Magnetic Resonance in Bulk and Quantum Confined III-V Semiconductors
 Dissertation Chair: C. R. Bowers
- Walton E. Wood, Bachelor of Arts *summa cum laude*, 2008, Master of Arts, 2011, University of Florida
 Major: *English*
 Dissertation: Fractal Poetics in William Blake’s Urizen Trilogy
 Dissertation Chair: D. D. Ault
- Shelton Lavelle Wright Jr., Bachelor of Science in Chemical Engineering, 2002, Bachelor of Science, 2005, University of Florida
 Major: *Agricultural and Biological Engineering*
 Minor: *Environmental Engineering Sciences*
 Dissertation: A Dynamic Mathematical Model to Predict Fed-Batch Growth and Lipid Productivity in the Diatom *Phaeodactylum Tricornutum* Under a Potentially Multi-Nutrient Limiting Environment
 Dissertation Chair: B. A. Welt
- Ruijin Wu, Bachelor of Engineering, 2009, Shanghai Jiao Tong University—China
 Major: *Computer Engineering*
 Dissertation: Confining and Sampling Applied to Computer Graphics And Molecular Science
 Dissertation Chair: J. Peters
 Dissertation Co-chair: M. Sitharam
- Jing Xie, Bachelor of Economics, 2006, Zhongnan University of Economics and Law—China; Master of Economics, 2009, Xiamen University—China; Master of Science in Economics, 2009, Singapore Management University
 Major: *Food and Resource Economics*
 Dissertation: Three Essays on Consumer Preferences and Behavior Analysis
 Dissertation Chair: Z. Gao
 Dissertation Co-chair: L. O. House

- Changmou Xu, Bachelor of Engineering, 2007, Jiangxi Agricultural University—China; Master of Engineering Science, 2010, China Agricultural University
 Major: *Food Science*
 Minor: *Food and Resource Economics*
 Dissertation: Quality Assessment, Antioxidant and Antimicrobial Activities and Acrylamide Inhibition in Muscadine Grapes
 Dissertation Chair: M. R. Marshall
- Xiaofan Xu, Bachelor of Science, 2009, Fudan University—China
 Major: *Statistics*
 Dissertation: Bayesian Variable Selection and Estimation
 Dissertation Chair: M. Ghosh
- Anna Yam, Bachelor of Arts in Linguistics, 2003, University of California at San Diego; Master of Science, 2010, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: The Effects of Spatially Demanding Videogame Training on Mental Rotation Performance and Confidence in Older Adults
 Dissertation Chair: M. Marsiske
- Maryam Yashtini, Diploma of Bachelor's Degree, 2004, University of Tabriz—Iran; Diploma of Master's Degree, 2007, Tarbiat Modares University—Iran; Master of Science, 2012, University of Florida
 Major: *Mathematics*
 Dissertation: Fast TV-Regularized Large-Scale and Ill-Conditioned Linear Inversion with Application to Partially Parallel Imaging
 Dissertation Chair: W. W. Hager
- Jeffrey Paul Yeakel, Bachelor of Arts in Classics, 2007, Davidson College—North Carolina; Master of Arts, 2009, University of Florida
 Major: *Classical Studies*
 Dissertation: Population Dynamics in Ancient Greek Civil Wars, Insurgencies, and Revolts: A Systems Approach to Stasis
 Dissertation Chair: A. O. Wolpert
- Sencer Nuri Yeralan, Bachelor of Science in Computer Engineering *cum laude*, 2006, University of Florida
 Major: *Computer Engineering*
 Dissertation: High Performance Computing with Sparse Matrices and GPU Accelerators
 Dissertation Chair: T. A. Davis
- Yiming Yin, Bachelor of Science, 2009, Peking University—China
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: Systemic Lupus Erythematosus Is Associated with Enhanced CD4 T Cell Metabolism and Can Be Normalized by Metabolic Modulators
 Dissertation Chair: L. Morel
- Young Mee Yoon, Bachelor of Science, 2005, Kyung Hee University—South Korea; Master of Science, 2007, Hanyang University—South Korea
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: Development of a Tolerogenic, Hydrogel Microparticle Matrix for the Prevention of Type 1 Diabetes in Nod Mice
 Dissertation Chair: M. A. Atkinson
- Jordan Ryan Youngblood, Bachelor of Arts in Literary Studies *summa cum laude*, 2008, University of Texas at Dallas; Master of Arts in English, 2010, University of Mississippi
 Major: *English*
 Dissertation: Inter-Acting with Games: A Dialogue Between Queer and Game Studies
 Dissertation Chair: K. L. Emery
- Hao Yue, Bachelor of Engineering, 2009, Xidian University—China
 Major: *Electrical and Computer Engineering*
 Dissertation: Protocol Design and Optimization for Future Wireless Systems
 Dissertation Chair: Y. Fang

- Mahmood Zangui, Bachelor of Science, 2007, Master of Science, 2010, Sharif University of Technology—Iran; Master of Science, 2014, University of Florida
 Major: *Civil Engineering*
 Dissertation: Differentiated Congestion Pricing of Transportation Networks
 Dissertation Chair: Y. Yin
 Dissertation Co-chair: S. Lawphongpanich
- Jue Zhang, Bachelor of Natural Science, 2008, University of Science and Technology of China
 Major: *Physics*
 Dissertation: Attempts to Understand the Flavor Puzzles
 Dissertation Chair: P. Ramond
- Ming Zhang, Bachelor of Engineering, 2004, East China University of Science and Technology; Master of Natural Science Chemistry, 2008, University of Science and Technology of China; Master of Science, 2011, University of Georgia; Master of Science, 2014, University of Florida
 Major: *Agricultural and Biological Engineering*
 Dissertation: Preparation and Characterization of Nanostructured Functional Carbon Materials and Their Environmental Applications
 Dissertation Chair: B. Gao
 Dissertation Co-chair: J. L. Ullman
- Chaoyue Zhao, Bachelor of Science, 2010, Fudan University—China
 Major: *Industrial and Systems Engineering*
 Dissertation: Data-Driven Risk-Averse Stochastic Program and Renewable Energy Integration
 Dissertation Chair: Y. Guan
- Chenxi Zhou, Bachelor of Management, 2005, Nanchang University—China; Master of Management, 2007, Tianjin University—China
 Major: *Business Administration—Marketing*
 Dissertation: Three Essays on Marketing Decision Making Under Uncertainties
 Dissertation Chair: J. Xie
- Le Zhou, Bachelor of Science, 2009, Peking University—China; Master of Science in Psychology, 2011, University of Maryland at College Park
 Major: *Business Administration—Management*
 Dissertation: A Formal Model of Leadership in Team Goal Pursuit: Team Design, Team Composition, and Dynamic Leader Regulatory Processes
 Dissertation Chair: M. Wang
- Ying Zhou, Bachelor of Science, 2007, Fudan University—China; Master of Science, 2009, Master of Science, 2009, University of Florida
 Major: *Business Administration—Accounting*
 Dissertation: Economic Consequences of Disclosure Regulation: The Case of Segment Reporting
 Dissertation Chair: J. Tucker
- Likai Zhu, Bachelor of Science, 2007, Qufu Normal University—China; Master of Science, 2010, Peking University—China
 Major: *Geography*
 Minor: *Landscape Ecology Modeling*
 Dissertation: Remote Sensing Based Vegetation Dynamics in Southern Africa: Physiographic Gradients Determine the Relative Importance of Environmental Controls on Savanna Vegetation
 Dissertation Chair: J. Southworth
- Luning Zhuang, Bachelor of Engineering, 2006, Tianjin University—China; Master of Statistics, 2013, University of Florida
 Major: *Pharmaceutical Sciences—Pharmacy*
 Dissertation: Dose Optimization of Vertilicin Using Pharmacokinetic/Pharmacodynamic Modeling and Simulation
 Dissertation Chair: H. C. Derendorf
- Lisa Anne Zukowski, Bachelor of Arts in Anthropology, 2005, University of Texas at Austin; Master of Arts, 2009, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Wheelchair Propulsion Style After a Bout of Fatiguing Propulsion May Contribute to Wrist Overuse Injuries in Terms of Wrist Movement Variability Changes, Extreme Wrist Orientation Changes, and the Relationship to Propulsion Performance
 Dissertation Chair: M. D. Tillman

DOCTOR OF EDUCATION

- Laura Angela Alvarez, Bachelor of Science in Child Development, 2003, Florida State University;
Master of Education in Educational Leadership, 2009, Stetson University—Florida
Major: *Educational Leadership*
Dissertation: Exploring the Perceptions and Experiences of Temporary Certified Teachers in Mentoring Relationships
Dissertation Chair: B. Oliver
- Joseph Stanley Bzenas, Bachelor of Arts in Education, 1989, Master of Education, 1989, Specialist in Education, 2001,
University of Florida
Major: *Educational Leadership*
Dissertation: Student and Teacher Perceptions of Student Engagement in the Classroom
Dissertation Chair: B. Oliver
- Sarah Elizabeth Burd, Bachelor of Science in Education, 2000, Master of Science in Education in Elementary Education,
2001, Samford University—Alabama; Specialist in Education, 2009, University of Florida
Major: *Educational Leadership*
Dissertation: Relationship Between Selected School and Student Characteristics and Principal Turnover in One Florida
School District
Dissertation Chair: B. Oliver
- Kathy I. Christensen, Bachelor of Science in Education, 1979, Miami University—Ohio; Master of Arts, 1993,
University of South Florida; Specialist in Education, 2008, University of Florida
Major: *Curriculum and Instruction*
Dissertation: Using Collaborative Writing to Help English Language Learners Actualize the Common Core State Standards
Dissertation Chair: N. L. Dana
Dissertation Co-chair: B. L. Kennedy-Lewis
- Kevin Lee Clarke, Bachelor of Science in Marketing, 1988, University of Central Florida; Master of Education, 2007,
University of Florida
Major: *Higher Education Administration*
Dissertation: Analysis of the Transition of the Role of the Chief Human Resource Officer at a Research Extensive University:
A Qualitative Study
Dissertation Chair: D. F. Campbell
- Mary R. Conage, Bachelor of Arts in Elementary Education, 1986, Eckerd College—Florida; Master of Arts in Elementary
Education, 2002, University of South Florida at St. Petersburg
Major: *Curriculum and Instruction*
Dissertation: Constructing Knowledge and Practice of Culturally Responsive Teaching in an Early Childhood Context
Dissertation Chair: N. L. Dana
Dissertation Co-chair: B. L. Kennedy-Lewis
- Jazmyn Alston Davis, Bachelor of Arts *cum laude*, 2005, University of Florida; Master of Science, 2007, Florida State
University
Major: *Higher Education Administration*
Dissertation: Precollege Counseling in Georgia State Prisons: A Case Study
Dissertation Chair: D. F. Campbell
- Ann Fradkin-Hayslip, Bachelor of Arts, 1978, Hampshire College—Massachusetts; Master of Education in Leadership, 1990,
Stetson University—Florida; Specialist in Education, 2012, University of Florida
Major: *Educational Leadership*
Dissertation: Exploratory Study of Teacher Autonomy in Elementary School Teachers
Dissertation Chair: B. Oliver
- Susan M. Jordan, Bachelor of Science, 1989, Master of Education, 1992, University of South Florida; Specialist in Education,
2009, University of Florida
Major: *Educational Leadership*
Dissertation: Lenses on Instructional Coaching: Exploring the Professional Practices of Elementary School Reading Coaches
Dissertation Chair: L. S. Behar-Horenstein

- Charmyn M. Kirton, Bachelor of Music in Music Education, 1979, Master of Arts in Music, 1979, Andrews University—Michigan
 Major: *Curriculum and Instruction*
 Dissertation: The Perspectives of Novice Principals in High-Poverty, Low-Performing Schools: Challenges Faced and Support Needed
 Dissertation Chair: E. Bondy
- Michelle Fiore Licata, Bachelor of Science, 1996, Florida State University; Master of Science in Psychology, 2001, Nova Southeastern University—Florida; Specialist in Education, 2012, University of Florida
 Major: *Educational Leadership*
 Dissertation: An Analysis of Teacher Communication Patterns with Parents Whose Children Attend an Online School
 Dissertation Chair: B. Oliver
- Karen L. Mallory, Bachelor of Arts in English, 2002, University of South Florida; Master of Reading Education, 2007, University of South Florida at St. Petersburg
 Major: *Curriculum and Instruction*
 Dissertation: Instructional Leadership to Enhance Implementation of Common Core State Standards in Secondary English
 Dissertation Chair: A. Adams
- Rebecca S. Merhar, Bachelor of Arts in Psychology, 1993, Providence College—Rhode Island; Master of Arts in Education and Human Development, 2001, George Washington University—District of Columbia; Specialist in Education, 2012, University of Florida
 Major: *Educational Leadership*
 Dissertation: Administrator and Coaches Concerns Regarding Use of School Data to Select Teachers for the Coaching Cycle in One Florida District
 Dissertation Chair: B. Oliver
 Dissertation Co-chair: L. Eldridge
- Kimberly L. Miccichi, Bachelor of Science in Elementary Education, 1996, University of South Florida; Master of Education, 2002, Edinboro University of Pennsylvania
 Major: *Curriculum and Instruction*
 Dissertation: Facilitating Culturally Responsive Classroom Management: Professional Development for Novice Teachers in an Urban School
 Dissertation Chair: A. Adams
- Eleanor Maureen Miller, Bachelor of Science in Health Science Education, 2000, Master of Public Health, 2002, University of Florida
 Major: *Higher Education Administration*
 Dissertation: Undergraduate Student Alcohol Use: Implications for Student Affairs Health Promotion Practice
 Dissertation Chair: D. F. Campbell
- Jonathan Paul Mundorf, Bachelor of Science in Education, 2001, Bowling Green State University—Ohio; Master of Education in Curriculum and Instruction, 2007, Florida Gulf Coast University
 Major: *Curriculum and Instruction*
 Dissertation: Teaching Reading to a Student with Blindness Using Universal Design for Learning: A Practitioner Inquiry
 Dissertation Chair: B. L. Kennedy-Lewis
 Dissertation Co-chair: N. L. Dana
- Erin B. O'Guinn, Bachelor of Science in Education, 2004, Florida State University; Master of Arts in Educational Leadership, 2010, Florida Gulf Coast University
 Major: *Educational Leadership*
 Dissertation: The Effectiveness of Teacher Selection for Underrepresented Students in Gifted Programming
 Dissertation Chair: B. Oliver
- Sarah Christina Robertson Chatel, Bachelor of Arts, 2003, Florida Atlantic University; Master of Education, 2009, University of Florida
 Major: *Curriculum and Instruction*
 Dissertation: Informing Educator Professional Development Based on the School Experiences of LGBTQ Students
 Dissertation Chair: E. Bondy

- Rebecca A. Shields, Bachelor of Arts, 2005, University of Alabama; Master of Arts in Education, 2008, University of Alabama at Birmingham
Major: *Curriculum and Instruction*
Dissertation: Academic Outcomes and New Literacies Evident During a Digital Storytelling Unit Within a Secondary English Class: A Case Study
Dissertation Chair: K. M. Dawson
Dissertation Co-chair: B. G. Pace
- Rebecca Ann Stempel, Bachelor of Science in Elementary Education, 2007, University of Central Florida; Master of Science in Educational Leadership, 2009, Florida State University
Major: *Educational Leadership*
Dissertation: Common Core Concerns for Teachers of the Gifted
Dissertation Chair: B. Oliver
- Celeste Henry Thomas, Bachelor of Science in Psychology, 1993, Master of Education, 1996, Florida A&M University; Master of Arts in Guidance and Counseling Education, 2004, University of South Florida; Education Specialist, 2010, National Louis University–Illinois
Major: *Curriculum and Instruction*
Dissertation: Understanding the Successes and Failures of African American High School Boys
Dissertation Chair: E. Bondy
- Cara A. Walsh, Bachelor of Arts in Special Education *cum laude*, 1992, University of South Florida; Master of Education in Educational Leadership, 2000, Nova Southeastern University–Florida
Major: *Curriculum and Instruction*
Dissertation: Life in School: The Academic Identity Stories of Fifth Grade African American Boys
Dissertation Chair: E. Bondy
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DOCTOR OF AUDIOLOGY

Nigel Patrick Bonello
Nancy M. Bowen-Hicks
Deanna Coral Connor

Eileen E. Davis-Roesler
Heather Boland Dickey
Susan D Hamilton

Jennifer Mildred Parsons
Kathleen Joan Sawaya
Pak-Hung Wong

DOCTOR OF PLANT MEDICINE

Carmen Yamila Collazo-González

DOCTOR OF NURSING PRACTICE

Yana Nicole Blaise
Patricia B. Clarke

Christina Flint-Lowe
Samuel Busa Realista
Heather Schafer

Shauna Lynn Vaughan
Li Wang





What Makes a University Great?

Some interesting facts about the University of Florida

Educational Excellence

UF is consistently ranked among the nation's top universities: No. 14 in U.S. News & World Report "Top Public Universities" (August 2013); No. 3 in Kiplinger's "Best Values in Public Colleges" (2013); No. 3 in the Fiske Guide to Colleges' list of Best Buys Among Publics (2014); No. 15 on the Forbes' list of best public universities (2013); and No. 1 on Washington Monthly magazine's list of national universities that offer the best bang for the buck (2013).

Job recruiters ranked UF ninth on the list of places where corporations prefer to recruit new employees (2010) and No. 2 on SmartMoney magazine's list of universities whose graduates get the highest salary return for their tuition dollars (2012).

Faculty

- UF has nearly 4,000 faculty members with distinguished records in teaching, research and service, including 37 Eminent Scholar chairs and 42 faculty elections to the National Academy of Sciences, Engineering, the Institute of Medicine, or the American Academy of Arts and Sciences.
- Awards include a Fields Medal, two Pulitzer Prizes, NASA's top award for research, and Smithsonian Institution's conservation award.

Students

- More than 96 percent of incoming freshmen score above the national average on standardized exams. Students admitted for the fall 2014 freshman class had an average 4.4 GPA and an average SAT score of 1960.
- More than 1,260 International Baccalaureate students were enrolled in UF in February 2014 – more than any other university in the United States. The freshman retention rate of 96 percent is among the highest in the country.
- Among AAU public universities, UF ranked first in master's degrees and second in bachelor's degrees awarded to Hispanic students in 2013.
- Sixty-seven percent of UF freshmen graduate within four years, and 85 percent of UF freshmen graduate within six years.
- Nearly two-thirds of UF graduates leave the university with no student loan debt. For the remaining third, their average indebtedness is about \$20,708, as compared with the national average of roughly \$29,400.

UF

2014 SUMMER
COMMENCEMENT



Chain of Office

The chain of office is 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 carries the mace at all academic processions. 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.

Caps and Gowns, An Explanation

The academic attire worn by faculty and graduating students at today's commencement ceremony evolved from a style of dress worn by members of guilds and religious orders in medieval times. The black academic gown signifies that the individual wearing it has earned a degree in higher education.

Distinctions in the sleeve shape indicate the type of degree held by the wearer of the black gown. A round, open sleeve identifies a doctoral degree; by comparison, 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.

The doctoral costume also has velvet bands down the front of the gown and velvet cross bars on the sleeves. 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.



Graduate candidates also wear a hood. At the University of Florida the lining of the hood has a blue chevron on an orange background.

In keeping with standards established for American universities in the late 19th century, the color of the velvet edging on the academic hood represents the wearer's particular degree. White, used for the study of arts and letters, was inspired by the white fur trimming of the Oxford and Cambridge bachelor of arts hoods. Green was selected for medicine to reflect the color of medieval herbs, while golden yellow was chosen for the sciences to represent the wealth crated by scientific research.

The following colors are specific to the University of Florida:

Agriculture and Life Sciences; Forest Resources and Conservation – Maize
Design, Construction and Planning; Construction Management – Blue Violet

Audiology – Colonial Blue

Business Administration, Accounting – Drab

Dentistry – Lilac

Education – Light Blue

Engineering – Orange

Arts – Brown

Journalism and Communications – Garnet

Law – Purple

Liberal Arts – White

Liberal Sciences – Golden Yellow

Medicine – Green

Music – Pink

Natural Resources and Environment – Antique Gold

Philosophy – Royal Blue

Public Health – Salmon Pink

Rehabilitation Counseling – Nile Green



UF

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