

Commencement

UF UNIVERSITY of
FLORIDA
The Foundation for The Gator Nation



COMMENCEMENT

SUMMER 2015

University of Florida President

Dr. W. Kent Fuchs

Dr. W. Kent Fuchs became the University of Florida's 12th president in January 2015.

Most recently the provost of Cornell University, Dr. Fuchs' experience combines academic leadership as a provost, dean and department chair; a distinguished career as an engineering professor; and graduate education in both engineering and divinity. In accepting the presidency, Dr. Fuchs outlined his overarching goal for UF: to elevate its stature, as measured by quality and comparative excellence, to that of one of the nation's best public universities.

President Fuchs will pursue this objective by continuing to lead the university's preeminence plan, along with a campus-wide goal-setting effort to set objectives for the next five and ten years. He will seek to significantly increase UF's endowment; enhance the efficiency and effectiveness of university operations; and establish UF as a national leader and voice for higher education.

The UF presidency is a natural next step for Dr. Fuchs, who spent six years as Cornell's provost. There, he led the creation of a new technology campus in New York City, launched a university wide initiative to raise Cornell's academic stature and was a key leader of Cornell's fundraising efforts. He was appointed provost after serving as the university's Joseph Silbert Dean of Engineering from 2002 to 2008. He joined Cornell from Purdue University, where he headed the School of Electrical and Computer Engineering from 1996 to 2002. He was a professor in the Department of Electrical and Computer Engineering and the Coordinated Science Laboratory at the University of Illinois from 1985 to 1996.

He is a fellow of the American Academy of Arts and Sciences, the American Association of the Advancement of Science, the Institute of Electrical and Electronics Engineers, and the Association for Computing Machinery, and has received numerous awards for teaching and research.

President Fuchs earned his doctorate in electrical and computer engineering from the University of Illinois, and a master of divinity from Trinity Evangelical Divinity School in Chicago. He credits divinity school with teaching him communication and community-building skills, and to balance his innately analytic perspective with a deep appreciation for people and for human relationships. He also holds a master of science from the University of Illinois and a bachelor of science in engineering from Duke University.



Dr. Fuchs is married to Linda Moskeland Fuchs, an art historian whose scholarship centers on the sculpture of sarcophagi created in the first centuries of Christian art-making. Mrs. Fuchs has two master's degrees in art history, from the University of Chicago and Cornell, and a third in Biblical studies, from Trinity Evangelical Divinity School. She is active in campus and community life, including spending six years on the board of Chesterton House, a center for Christian studies at Cornell, the past three years as chair.

The Fuchses have three sons and a daughter, Micah, Eric, Isaac and Christine. Eric and their daughter-in-law, Mikaela, have a baby boy named Henry.

Born on an Oklahoma farm in 1954, President Fuchs spent much of his youth in Alaska before moving to Miami, where he graduated from Miami Killian Senior High School. His two younger brothers and stepmother live in South Florida.

Greetings from the President



*O*n behalf of the University of Florida, our faculty and our entire university community, I would like to extend my deepest congratulations to you, the Doctoral Graduates of 2015.

Today's ceremony celebrates your remarkable accomplishment in earning a doctoral degree from one of the world's leading research institutions. I applaud you for your years dedicated to in-depth scholarship, thoughtful analysis and meticulous presentation of your findings. I join you in thanking your faculty advisor, mentors and the family and friends who have supported you in your journey to reach this day.

Today is a day for celebration, and also for reflection on your future. Whether you choose to pursue a career in academe, the private sector, government or the nonprofit world, I am confident that the research and analysis skills you honed as a doctoral student will serve you well. The complexity and global nature of today's professional opportunities demand nothing less.

The university has benefited from your research work, teaching, insights and discoveries, and we are grateful to you for your time here. As the first doctoral students to graduate during my tenure as president, you will always hold a special place in my heart. We hope you will recall these years fondly, and that you will remain connected to UF as active members of our distinguished alumni.

Good luck, best wishes, and Go Gators!

W. Kent Fuchs

University of Florida Leadership

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PRESIDENT AND VICE PRESIDENTS OF THE UNIVERSITY

W. Kent Fuchs, Ph.D.
President

Joseph Glover, Ph.D.
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Vice President and Chief Information Officer - Information Technology

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Michael V. McKee, B.S.
Vice President and Chief Financial Officer - Finance

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

Jamie Lewis Keith, J.D.
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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

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

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

A. Isabel Garcia, D.D.S.
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

Henry T. Frierson, Ph.D.
Graduate School

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

Nick Place, Ph.D.
IFAS Extension

Jacqueline Burns, Ph.D.
IFAS Research

Leonardo Villalón, Ph.D.
International Center

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

Laura Rosenbury, J.D.
Fredric G. Levin College of Law

David E. Richardson, Ph.D.
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 7, 2015, 4:00 p.m.

Presiding	W. Kent Fuchs <i>President</i>
Processional.....	Gainesville Brass Quintet
National Anthem.....	Anthony Offerle Gainesville Brass Quintet
Welcome and Introductions.....	W. Kent Fuchs
Commencement Address	W. Kent Fuchs
Presenting Candidates for Doctoral Degrees	Henry Frierson <i>Dean, Graduate School</i>
Conferring of Doctoral Degrees	Anita G. Zucker <i>Member, UF Board of Trustees</i>
Alma Mater	Anthony Offerle 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.bsdufl.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.



2015 SUMMER
COMMENCEMENT



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 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.

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 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.

GRADUATE SCHOOL

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

DOCTOR OF PHILOSOPHY

Wajiha Z. Akhtar-Khaleel, Bachelor of Science in Biomedical Engineering, 2008, University of Miami–Florida;
Master of Public Health, 2010, University of Florida

Major: *Epidemiology*

Dissertation: Trends and Predictors of Cigarette Smoking and Its Association on Cognitive Performance among HIV Seropositive and Seronegative Men

Dissertation Chair: R. L. Cook

Ahmed Sulaiman Alalaiwe, Bachelor of Pharmaceutical Sciences, 2007, King Saud University–Saudi Arabia

Major: *Pharmaceutical Sciences–Pharmacy*

Dissertation: Investigating the Influence of Surface Chemistry and Particle Size Characteristics on the Oral Bioavailability of PEG-Coated Gold Nanoparticles

Dissertation Chair: R. F. Frye

Ahmed Abdulrahman Albassam, Bachelor of Pharmaceutical Sciences, 2007, King Saud University–Saudi Arabia

Major: *Pharmaceutical Sciences*

Dissertation: The Effect of Herbal and Phytochemical Dietary Supplements on Drug-Metabolizing Enzyme Activity

Dissertation Chair: R. F. Frye

Majid Alivand, Bachelor of Science in Civil Engineering, 2004, University of Tabriz–Iran; Master of Science in Civil Engineering, 2008, K. N. Toosi University of Technology–Iran

Major: *Forest Resources and Conservation*

Dissertation: Enhancing Scenic Route Choice Models Using Volunteered Geographic Information Data Sources

Dissertation Chair: H. H. Hochmair

Blake A. Allan, Bachelor of Arts, 2007, University of Western Ontario–Canada; Master of Science, 2012, University of Florida

Major: *Counseling Psychology*

Dissertation: Increasing Task Meaningfulness and Task Performance Through Prosocial Work

Dissertation Chair: R. D. Duffy

Daniel V. Amariutei, Licentiat in Fizica, 1998, Titlul de Magister Fizica, 1999, Universitatea Alexandru Ioan Cuza din Iasi–Romania

Major: *Physics*

Dissertation: Fast Alignment Control of an Optical Resonator

Dissertation Chair: D. B. Tanner

Benjamin David Anderson, Bachelor of Science *cum laude*, 2010, Master of Public Health, 2012, University of Florida

Major: *Public Health*

Dissertation: A One Health Approach for Studying Swine Virus Transmission in Pig Farms, China

Dissertation Chair: J. Lednicky

Jeremy J Anderson, Bachelor of Science in Electrical Engineering, 2000, Master of Science, 2003, University of Florida

Major: *Electrical and Computer Engineering*

Dissertation: A Long-Term Average Cepstral Enhancement Technique to Improve Single Microphone Automatic Speech Recognition

Dissertation Chair: J. G. Harris

Mert Arca, Lisans, 2009, Istanbul Technical University–Turkey; Master of Science in Chemical Engineering, 2011, Pennsylvania State University

Major: *Chemical Engineering*

Dissertation: Dynamics of Polyelectrolytes in Microfluidic Channels Induced by Flow and Electric Fields

Dissertation Chair: J. E. Butler

Dissertation Co-chair: A. J. Ladd

- Osama Osman Abd El-Aziz Atallah, Bachelor of Science in Agricultural Sciences, 2003, Magister Scientiarum, 2008, Zagazig University—Egypt
 Major: *Plant Pathology*
 Dissertation: Understanding the Roles of Viral Factors in Superinfection Exclusion Between Citrus Tristeza Virus Isolates
 Dissertation Chair: S. Y. Folimonova
- Richard Baidoo, Bachelor of Science in Agriculture, 2006, University of Cape Coast—Ghana; Master of Science in Nematology, 2011, University of Ghent—Belgium
 Major: *Entomology and Nematology*
 Dissertation: Root-Knot Nematodes (*Meloidogyne Spp.*) on Cutfoliage Crops in Florida
 Dissertation Chair: W. T. Crow
- Corey Earleon Baker, Bachelor of Science, 2008, San Jose State University—California; Master of Science in Electrical Engineering, 2010, California State University at Los Angeles; Master of Science, 2012, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Opportunistic Routing in Delay Tolerant Mobile Social Networks
 Dissertation Chair: J. Y. Mcnair
- Juan Antonio Balderrama García Méndez, Bachelor of Science in Civil Engineering, 2007, University of Notre Dame—Indiana; Master of Engineering, 2009, University of Florida
 Major: *Civil Engineering*
 Dissertation: A Comparative Study of Wind Tunnel Modeled Wind Loads on Low-Rise Structures with Atlantic Tropical Cyclone Field Data
 Dissertation Chair: F. J. Masters
 Dissertation Co-chair: D. Prevatt
- Marcel Barbier Andrino, Titulo de Ingeniero Agronomo, 1991, Maestria en Proteccion Vegetal en el Comercio Internacional, 2009, Universidad Rafael Landivar—Guatemala
 Major: *Soil and Water Science*
 Minor: *Plant Health Management*
 Dissertation: Characterization and Evaluation of Polyhalite Used as a Multinutritional Fertilizer for Maize (*Zea Mays L.*)
 Dissertation Chair: Y. Li
 Dissertation Co-chair: G. Liu
- Sara Bayramzadeh, Bachelor of Architectural Engineering, 2008, Islamic Azad University—Iran; Master of Architecture, 2011, Miami University—Ohio
 Major: *Design, Construction, and Planning*
 Dissertation: Towards a Model of Patient-Centered Design for Mental Health Facilities: Physical and Psychological Safety Outcomes
 Dissertation Chair: M. B. Portillo
- Linda A. Bean, Bachelor of Science in Biological Sciences, 2008, Eastern Illinois University
 Major: *Medical Sciences—Neuroscience*
 Dissertation: Estrogen Receptors, Memory, and the Closing of the Therapeutic Window
 Dissertation Chair: T. C. Foster
- Christopher Richard Beekman, Bachelor of Science in Chemistry *cum laude*, 2011, King's College—Pennsylvania
 Major: *Chemistry*
 Dissertation: Method Development of Drift-Tube Ion Mobility Mass Spectrometry and High-Field Asymmetric Waveform Ion Mobility Mass Spectrometry as Rapid Separation Techniques
 Dissertation Chair: R. A. Yost
- Adam W. Beharry, Bachelor of Science in Exercise Science, 2007, University of South Carolina; Master of Science in Health Exercise Sport Science, 2012, The Citadel, The Military College of South Carolina
 Major: *Rehabilitation Science*
 Dissertation: The Regulation of Foxo1 via Histone Deacetylases (Hdacs) During Cancer Cachexia
 Dissertation Chair: A. R. Judge
- Michael Ankamah Bekoe, Bachelor of Science in Civil Engineering, 2005, Kwame Nkrumah University of Science and Technology—Ghana; Master of Science, 2012, University of Florida
 Major: *Civil Engineering*
 Dissertation: Interstitial Component Characteristics and Their Effects on Mixture Properties
 Dissertation Chair: R. Roque

- Matthew Paul Benge, Bachelor of Science *cum laude*, 2007, Master of Science, 2009, University of Florida
 Major: *Agricultural Education and Communication*
 Dissertation: The Effects of Leader Member Exchanges and Trust on Extension Agent Job Satisfaction in Florida
 Dissertation Chair: A. M. Harder
- Elizabeth A. Bettini, Bachelor of Arts in Literature, 2004, University of California at San Diego;
 Master of Arts in Special Education, 2009, University of Arizona
 Major: *Special Education*
 Dissertation: Novice Special Educators' Perceptions of Workload Manageability, Do They Matter and Are They Influenced by Novice' Perceptions of Their Social Context
 Dissertation Chair: M. T. Brownell
 Dissertation Co-chair: M. A. Conroy
- Nadia N. Bhuiyan, Bachelor of Arts in Psychology *summa cum laude*, 2010, Auburn University—Alabama; Master of Science, 2012, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Improving Imitation Skills and Behavior of Children Diagnosed with Autism Spectrum Disorder Using Child Directed Interaction Therapy
 Dissertation Chair: B. A. Wiens
 Dissertation Co-chair: R. H. Rozensky
- Kristina M. Birnbrauer, Bachelor of Arts in Communication, 2003, Temple University—Pennsylvania;
 Master of Arts in Communications, 2008, West Chester University of Pennsylvania
 Major: *Mass Communication*
 Dissertation: Applying the Health Belief Model to Investigate the Effects of Facebook Participation on Diabetes Self-Management and Medication Adherence
 Dissertation Chair: D. M. Treise
- Fred Kofi Boateng, Bachelor of Arts, 2005, University of Ghana; Master in Higher Education, 2010, University of Oslo—Norway;
 Master of Administrative Sciences, 2010, University of Tampere—Finland
 Major: *Higher Education Administration*
 Dissertation: Dealing with the Ball and Chain: A Grounded Theory Study of the Experiences of Women in Stem Domains in Ghana
 Dissertation Chair: B. Oliver
 Dissertation Co-chair: M. E. Koro-Ljungberg
- Christian D. Bohling, Bachelor of Science in Chemical Engineering, 2011, University of Colorado at Boulder
 Major: *Materials Science and Engineering*
 Dissertation: Modification of Interfacial Properties through Micro-Scale and Nano-Scale Structures
 Dissertation Chair: W. M. Sigmund
- Jared J. Boock, Bachelor of Science in Chemistry, 2002, Florida State University; Master of Science, 2007, University of Florida
 Major: *Chemistry*
 Dissertation: Electrospray High-Field Asymmetric Waveform Ion Mobility Spectrometry Mass Spectrometry of Transition Metals
 Dissertation Chair: R. A. Yost
- Elizabeth M. Bott, Bachelor of Arts in Psychology, 2008, College of William and Mary—Virginia;
 Master of Arts in Counseling Psychology, 2010, Boston College—Massachusetts
 Major: *Counseling Psychology*
 Dissertation: Back to the Roots: Examination of Faith-Motivated Career Calling and Job Satisfaction
 Dissertation Chair: R. D. Duffy
- Raghida Milad Bou Zerdan, Maitrise es Sciences, 2007, Lebanese University; Master of Science, 2010,
 The American University of Beirut—Lebanon
 Major: *Chemistry*
 Dissertation: Structure-Property-Function Relationships of Information-Rich Pi-Conjugated Molecules for Organic Elcctronics
 Dissertation Chair: R. K. Castellano
- Pardeepinder Kaur Brar, Bachelor of Science in Agriculture, 2008, Punjab Agricultural University—India; Master of Science, 2011, University of Florida
 Major: *Food Science*
 Dissertation: Assessment of Risks Associated with the Consumption of North American Peanuts and Pecans
 Dissertation Chair: M. D. Danyluk

- Ted Anthony Broome, Doctor of Veterinary Medicine, 1986, North Carolina State University at Raleigh
 Major: *Veterinary Medical Sciences*
 Dissertation: Characterization of Cyclooxygenase Activity During *In Vitro* Equine Myogenesis
 Dissertation Chair: L. C. Sanchez
- Lyndsay A. Brown, Bachelor of Arts in English, 2003, Whitman College—Washington; Master of Arts, 2007, University of Florida
 Major: *English*
 Dissertation: Generation Through Appropriation: New Media and the Mashup Aesthetic
 Dissertation Chair: T. A. Harpold
- Amy Elizabeth Bumbaco, Bachelor of Science in Materials Science and Engineering, 2011, Virginia Polytechnic Institute and State University; Master of Science, 2013, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: Critical Thinking in Engineering and Humanities Students and Faculty
 Dissertation Chair: E. P. Douglas
- Stephanie Lynn Burrs, Bachelor of Science in Mechanical Engineering *magna cum laude*, 1996, Master of Science in Mechanical Engineering, 1998, Florida A&M University
 Major: *Agricultural and Biological Engineering*
 Dissertation: Development of Platinum Graphene Nanocomposite Biosensors for Amperometric Sensing
 Dissertation Chair: E. McLamore
- Brittany Renee Butler, Bachelor of Arts in Biology, 2010, University of Missouri at Kansas City
 Major: *Medical Sciences—Neuroscience*
 Dissertation: Alpha-Synuclein Overexpression Modulates Dopamine Neurotransmission via Interaction with the Dopamine Transporter
 Dissertation Chair: H. Khoshbouei
- Seongah Byeon, Bachelor of Arts, 1994, Ewha Womans University—South Korea; Master of Education, 2006, University of Florida
 Major: *Curriculum and Instruction*
 Dissertation: The Language Ideologies and Practices of Four Korean Heritage Language Teachers: Constructing What It Means to Teach Korean to Diverse Students in a Community Based Korean Heritage Language School
 Dissertation Chair: E. J. De Jong
- Irma D. Campos, Bachelor of Science *magna cum laude*, 2010, Master of Science, 2012, University of Florida
 Major: *Counseling Psychology*
 Dissertation: Acculturation, Enculturation, and Familismo as Moderators in the Links of General Racial Discrimination and Racial Microaggressions with Posttraumatic Stress Symptoms
 Dissertation Chair: M. Heesacker
- Saranya R. Canchi, Bachelor of Technology in Metallurgical and Materials Engineering, 2008, National Institute of Technology Karnataka—India
 Major: *Mechanical Engineering*
 Dissertation: Examining the Mechanisms of Primary Blast-Wave-Induced-Injury Using *Ex Vivo* Brain Tissue Slices
 Dissertation Chair: M. Sarntinoranont
 Dissertation Co-chair: G. Subhash
- Begum Senses Cannataro, Lisans, 2009, Istanbul Technical University—Turkey; Master of Science, 2011, University of Florida
 Major: *Aerospace Engineering*
 Dissertation: Graph Coarsening Methods for Karush-Kuhn-Tucker Matrices Arising in Orthogonal Collocation of Optimal Control Problems
 Dissertation Chair: A. Rao
- Baijing Cao, Bachelor of Arts, 2007, China Agricultural University; Master of Science, 2010, Tongji University—China
 Major: *Interdisciplinary Ecology*
 Dissertation: Soil Carbon Modeling Along Ecological, Climatic and Biotic Trajectories at Continental Scale
 Dissertation Chair: S. Grunwald
- Mauro J. Caraccioli, Bachelor of Arts in Philosophy, 2006, Master of Arts, 2009, Florida International University; Master of Arts, 2014, University of Florida
 Major: *Political Science*
 Dissertation: Naturalizing Empire: Missionary Science, Natural History, and the New World Narrative of Civilization
 Dissertation Chair: L. P. Thiele

- June Omadela Carrington, Bachelor of Arts in Anthropology *summa cum laude*, 2007, The City University of New York; Master of Arts, 2009, State University of New York at Buffalo; Master of Public Health, 2012, University of Florida
 Major: *Anthropology*
 Dissertation: Cultural Knowledge of Breast Cancer and Health Care in Puerto Rico
 Dissertation Chair: C. C. Gravlee
- William Sergio Cartas, Bachelor of Science in Chemical Engineering *cum laude*, 2007, University of Florida
 Major: *Chemical Engineering*
 Dissertation: Structural and Chemical Characterization of Terbium Thin Films Grown on Hexagonally Close Packed Metal Substrates
 Dissertation Chair: J. F. Weaver
- Kelvin T. Chang, Bachelor of Science in Mechanical Engineering *cum laude*, 2011, Master of Science, 2013, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Design of Flapping Wings for Application to Single Active Degree of Freedom Micro Air Vehicles
 Dissertation Chair: P. G. Ifju
- Yonghwan Hwan Chang, Bachelor of Sport Science, 2008, Seoul National University—South Korea; Master of Science, 2012, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Implicit Attitudes as Precursors of Sport Consumer Behavior: Predictive and Incremental Validity of Dual Attitude in Athlete Endorsement Evaluation
 Dissertation Chair: Y. J. Ko
- Roberto Chauca Tapia, Bachelor of Arts *cum laude*, 2004, Pontifical Catholic University of Peru; Master of Arts, 2009, University of Florida
 Major: *History*
 Dissertation: Science in the Jungle: Missionary Cartographic and Geographic Production of Early Modern Western Amazonia
 Dissertation Chair: M. W. Thurner
 Dissertation Co-chair: I. L. Altman
- Pei-Chun Chen, Bachelor of Education, 2002, Master of Education, 2008, National Changhua University of Education—Taiwan
 Major: *Counseling and Counselor Education*
 Dissertation: Development and Initial Validation of the Multicultural Counseling Self-Efficacy Scale for Counselors in Taiwan
 Dissertation Chair: E. S. Amatea
- Yen-Ting Chen, Bachelor of Science, 2003, Master of Science, 2008, National Cheng Kung University—Taiwan
 Major: *Health and Human Performance*
 Dissertation: Movement Estimation and Motor Learning in Older Adults
 Dissertation Chair: E. A. Christou
- Yin-Hsuen Chen, Bachelor of Arts, 2006, Master of Arts, 2008, National Taiwan Normal University
 Major: *Geography*
 Dissertation: Vulnerability Assessment in Coastal Communities: Fine Scale Hazard Management and Modeling
 Dissertation Chair: T. J. Fik
- Kristi Cheyney, Bachelor of Music in Vocal Performance, 1996, University of Miami—Florida; Master of Arts in Education in Curriculum and Instruction, 2007, University of Phoenix—Arizona
 Major: *Special Education*
 Minor: *Research and Evaluation Methodology*
 Dissertation: Friendly Street: A Photovoice Exploration of High-Poverty/High-Quality Childcare
 Dissertation Chair: H. Jones
 Dissertation Co-chair: H. B. Lane
- Yunmi Choi, Bachelor of Arts in Advertising, 2005, Master of Arts in Advertising, 2009, Michigan State University
 Major: *Mass Communication*
 Dissertation: The Positive and Negative Effects of Intrusive Mobile Advertising
 Dissertation Chair: W. M. Wanta

- Kamal Choudhary, Bachelor of Technology in Ceramic Technology, 2011, West Bengal University of Technology—India; Master of Science, 2013, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: Computational Design of Surfaces, Nanostructures, and Optoelectronic Materials
 Dissertation Chair: S. B. Sinnott
- Jae Ho Chung, Bachelor of Engineering, 2005, Kwangwoon University—South Korea; Master of Science in Civil Engineering, 2010, Columbia University—New York
 Major: *Civil Engineering*
 Dissertation: Optimizing Financial Structure of Transportation Public-Private Partnership Infrastructure Projects Based on Traffic Revenue Risks: Case Study of U.S. DBFOM Project
 Dissertation Chair: R. D. Ellis
- Kathleen E. Connelly, Bachelor of Arts in Interdisciplinary Political and Social Thought with Highest Distinction, 2009, University of Virginia; Master of Science, 2012, University of Florida
 Major: *Counseling Psychology*
 Dissertation: A Bibliotherapy Intervention for College Women's Positive Sexuality
 Dissertation Chair: L. Mintz
- Paul Thomas Corogin, Bachelor of Science in Zoology *cum laude*, 1981, Bachelor of Science, 2003, Master of Science, 2008, University of Florida
 Major: *Botany*
 Dissertation: Sideroxylon Section Frigoricola (*Sapotaceae*): A Clade Endemic to Temperate North America
 Dissertation Chair: W. S. Judd
- Michael Thomas Costanzo, Bachelor of Science in Chemistry *cum laude*, 2010, State University of New York at Buffalo
 Major: *Chemistry*
 Dissertation: Investigation and Development of Novel Methodologies for Disease Diagnosis and Drug Monitoring Utilizing Mass Spectrometry and Field Asymmetric Ion Mobility Spectrometry
 Dissertation Chair: R. A. Yost
- Scott D. Croxton, Bachelor of Science, 2005, Master of Science, 2008, Auburn University—Alabama
 Major: *Entomology and Nematology*
 Dissertation: Understanding and Exploiting Psyllid Dispersal Behavior in Florida Citrus
 Dissertation Chair: P. A. Stansly
- Zhongzhou Cui, Bachelor of History, 1998, Master of Law, 2005, Anhui University—China; Master of Arts, 2008, University of Florida
 Major: *Anthropology*
 Dissertation: Ethnicity, Religion, and State: Inter-marriage Between the Han and Muslim Hui in Eastern China
 Dissertation Chair: C. Shih
- Wei Dai, Bachelor of Natural Science, 2004, University of Science and Technology of China; Master of Natural Science Mechanics, 2007, Chinese Academy of Sciences—China
 Major: *Mechanical Engineering*
 Dissertation: Development of Computational Models of Drug Delivery in the Central Nervous System for Controlled Infusion Treatment of Temporal Lobe Epilepsy
 Dissertation Chair: M. Sarntinoranont
- Xiaoshuang Dai, Bachelor of Food Science and Engineering, 2011, Northwest A&F University—China
 Major: *Nutritional Sciences*
 Dissertation: The Mechanism by Which Lentinula Edodes Modulate Cytokine Production of Innate Immune Cells
 Dissertation Chair: S. S. Percival
- Matthew L. Daley, Bachelor of Arts in Psychology, 2007, University of South Florida; Master of Education, 2010, University of Florida
 Major: *School Psychology*
 Dissertation: Effects of Obesity on Neurocognitive Ability of Children with Early-Onset Morbid Obesity and Prader-Willi Syndrome
 Dissertation Chair: J. H. Kranzler
 Dissertation Co-chair: D. J. Driscoll

- Robert A. Damitz, Bachelor of Science in Chemical Engineering *magna cum laude*, 2009, University of Michigan
 Major: *Chemical Engineering*
 Dissertation: Novel Microemulsion and Macroemulsion Formulations for Propofol Therapy
 Dissertation Chair: A. Chauhan
- Biswanath Dari, Bachelor of Science in Agriculture, 2008, Bidhan Chandra Krishi Viswavidyalaya—India;
 Master of Science in Agricultural Meteorology, 2010, Punjab Agricultural University—India
 Major: *Soil and Water Science*
 Dissertation: Predicting Soil Phosphorus Loss and Its Potential Remediation Through Biochar Application
 Dissertation Chair: V. D. Nair
 Dissertation Co-chair: R. S. Mylavarapu
- Corey Ann Cottrell David de Souza, Bachelor of Arts Dance, 2005, Mills College—California; Mestre em Artes Cenicás,
 2008, Universidade Federal da Bahia—Brazil
 Major: *Anthropology*
 Dissertation: Samba, Mulatas and the Social Meaning of Carnival
 Dissertation Chair: F. V. Harrison
- Austin Glenn Davis-Richardson, Bachelor of Science, 2010, University of Florida
 Major: *Microbiology and Cell Science*
 Dissertation: Development of the Infant Gut Microbiome Preceding Type-1 Diabetes
 Dissertation Chair: E. Triplett
- Mriganka De, Bachelor of Science in Agriculture with honors, 2007, Bidhan Chandra Krishi Viswavidyalaya—India;
 Master of Science, 2009, Punjab Agricultural University—India
 Major: *Soil and Water Science*
 Dissertation: Fate and Transport of Effluent-Borne Nitrogen From Septic Drainfields to Shallow Groundwater
 Dissertation Chair: G. Toor
- Angelos I. Deltsidis, Ptychion, 2009, University of Thessaly—Greece; Master of Agribusiness, 2015, University of Florida
 Major: *Horticultural Sciences*
 Dissertation: Chilling Threshold Temperatures for Pink Tomato Aroma Volatiles and the Effect of Modified Atmosphere Packaging
 Dissertation Chair: J. K. Brecht
- Elizabeth Suzanne Dhummakupt, Bachelor of Arts in Chemistry, 2010, Vanderbilt University—Tennessee
 Major: *Chemistry*
 Dissertation: Direct Analysis of Dried Blood Spots by Mass Spectrometry
 Dissertation Chair: R. A. Yost
- Gianna N. Di Francesco, Bachelor of Science in Chemistry *cum laude*, 2010, Syracuse University—New York
 Major: *Chemistry*
 Dissertation: A Series of Tricopper Macrobicyclic Complexes: Reactivity and Tunability via Simple Modifications
 Dissertation Chair: L. J. Murray
- Vanessa Diaz, Bachelor of Arts in Psychology *summa cum laude*, 2008, Florida International University; Master of Science,
 2011, University of Florida
 Major: *Psychology*
 Dissertation: Cognitive and Linguistic Predictors of Theory of Mind in Bilingual and Monolingual Preschool Children: A
 Longitudinal Examination
 Dissertation Chair: M. J. Farrar
- Leylah Mary Drusbosky, Bachelor of Science in Molecular Biology and Microbiology, 2009, University of Central Florida
 Major: *Medical Sciences—Molecular Cell Biology*
 Dissertation: Adhesion of Acute Myeloid Leukemia to Bone Marrow Endothelial Cells Provides Protection From Chemotherapy
 Dissertation Chair: C. R. Cogle
- Shaunté Shamar Duggins, Bachelor of Science, 2007, Florida State University; Master of Education, 2010, University of Florida
 Major: *Special Education*
 Dissertation: Teacher Student Discourse During Read Alouds of Informational Texts in High Poverty Schools
 Dissertation Chair: H. B. Lane

- Nicholas J. Dunbar, Bachelor of Science in Mechanical Engineering *magna cum laude*, 2008, Master of Science, 2014, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Patient Customizable Knee Model for Intraoperative Planning of Uni- and Bi-Compartmental Knee Arthroplasty
 Dissertation Chair: S. A. Banks
- Callie Jo Beck Dunn, Bachelor of Science in Psychology *summa cum laude*, 2009, Brigham Young University–Utah; Master of Science, 2011, University of Florida
 Major: *Psychology–Clinical and Health Psychology*
 Dissertation: Human Search Behavior in the Computer-Generated Arena, a Virtual Morris Water Maze Task: Associations with Performance and Structural Neuroimaging in Aging, Mild Cognitive Impairment, and Alzheimer’s Disease
 Dissertation Chair: R. M. Bauer
- John Philip Erb Jr., Bachelor of Science in Psychology, 2006, Master of Arts, 2008, James Madison University–Virginia
 Major: *Psychology*
 Dissertation: Evaluation of the Effects of Choice-Framing on Temporal Discounting via Behavior-Behavior Relationships
 Dissertation Chair: J. Dallery
- Ebo Ewusi Annan, Bachelor of Science, 2006, Kwame Nkrumah University of Science and Technology–Ghana; Master of Science in Chemistry, 2010, Pennsylvania State University
 Major: *Chemistry*
 Dissertation: Laser-Induced Breakdown Spectroscopy: Diagnostic and Analytical Approaches Using Atomic and Molecular Emission Spectroscopy to Characterize the Quantitative Aspects of the Technique
 Dissertation Chair: N. Omenetto
- Neal Facciuto, Bachelor of Music, 2009, Eastern Oregon University; Master of Music, 2011, University of Nevada at Las Vegas
 Major: *Music*
 Dissertation: Kaija Saariaho’s L’Amour de loin: Axes and Synthesis
 Dissertation Chair: J. P. Sain
- Lei Fan, Bachelor of Engineering, 2009, Hefei University of Technology–China
 Major: *Industrial and Systems Engineering*
 Dissertation: Bidding Strategies and Reformulation Techniques for Gas Turbines Under Deregulated Electricity Markets
 Dissertation Chair: Y. Guan
- Tracy A. Fanara, Bachelor of Science in Environmental Engineering, 2003, Master of Engineering, 2010, University of Florida
 Major: *Environmental Engineering Sciences*
 Dissertation: Hydrological Restoration by Low Impact Development Retrofit and Low Impact Development Design Selection Analysis
 Dissertation Chair: M. D. Annable
 Dissertation Co-chair: M. A. Newman
- Lei Fang, Bachelor of Engineering, 2011, Zhejiang Gongshang University–China
 Major: *Food Science*
 Dissertation: *Vibrio Cholerae* in Florida: Risks and Mitigations
 Dissertation Chair: A. C. Wright
- Jeffrey Robert Fedenko, Bachelor of Science *cum laude*, 2009, Bachelor of Science *cum laude*, 2009, Master of Science, 2011, University of Florida
 Major: *Agronomy*
 Dissertation: Crop Rotations for Sweet Sorghum Production in the Southeastern United States
 Dissertation Chair: J. E. Erickson
- Joseph P. Feldman, Bachelor of Arts in Anthropology, 2007, University of Oregon; Master of Arts, 2010, University of Florida
 Major: *Anthropology*
 Dissertation: Memories before the State: An Ethnography of Peru’s Memorial Museum in the Making
 Dissertation Chair: F. E. Babb
- Chip S. Few, Bachelor of Science, 2009, Clemson University–South Carolina
 Major: *Chemistry*
 Dissertation: Approaching Tactic Precision Polyolefins via Acyclic Diene Metathesis (ADMET)
 Dissertation Chair: K. B. Wagener

- Delio Figueroa, Bachelor of Arts in Music, 2005, Conservatory of Music of Puerto Rico; Master of Arts in Music Education, 2009, New York University
 Major: *Music*
 Dissertation: *My Music, My Place: The Role of Jibaro Music in the Creation of Puerto Rican Identity in New York City*
 Dissertation Chair: L. N. Crook
- Rony A. François, Bachelor of Science, 2009, University of South Florida
 Major: *Medical Sciences—Molecular Cell Biology*
 Dissertation: *Overcoming Drug Resistance in Pancreatic Cancer: Role of Mammalian Target of Rapamycin*
 Dissertation Chair: M. Zajac-Kaye
- Haitham M. Gabr, Bachelor of Science in Computer Science and Automatic Control, 2007, Alexandria University—Egypt
 Major: *Computer Engineering*
 Dissertation: *Modeling and Characterization of Probabilistic Biological Networks*
 Dissertation Chair: T. Kahveci
- Geoffrey R. Gallice, Bachelor of Science, 2006, University of Maryland at College Park; Master of Science, 2011, University of Florida
 Major: *Entomology and Nematology*
 Dissertation: *Macroecology of Neotropical Clearwing Butterflies (*Nymphalidae: Ithomiini*)*
 Dissertation Chair: K. R. Willmott
- Haibing Gao, Bachelor of Science, 2001, Jiangsu University—China; Master of Science in Engineering, 2004, Huazhong University Science and Technology—China; Master of Science, 2007, Rensselaer Polytechnic Institute—New York; Master of Statistics, 2010, University of Florida
 Major: *Business Administration—Marketing*
 Dissertation: *Information Asymmetry in Marketing Finance Interface*
 Dissertation Chair: J. Xie
- Peng Gao, Bachelor of Engineering, 2010, Dalian University of Technology—China
 Major: *Chemistry*
 Minor: *Entrepreneurship*
 Dissertation: *Ionic Transport Properties of Template-Synthesized Gold Nanotube Membranes*
 Dissertation Chair: C. R. Martin
- Nicolas Garcia Berguecio, Titulo de Ingeniero en Recursos Naturales Renovables, 2006, Licenciado en Ciencias de Los Recursos Naturales Renovables, 2006, Universidad de Chile
 Major: *Botany*
 Dissertation: *Systematics and Evolution of *Amaryllidaceae* Tribe *Hippeastreae* (*Asparagales*)*
 Dissertation Chair: P. S. Soltis
- Adrienne E. Gauna, Bachelor of Science in Biology *magna cum laude*, 2009, West Virginia University
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: *Innate Immune Regulation and Microrna in Sjogrens Syndrome*
 Dissertation Chair: S. Cha
- Samuel B. Gause, Bachelor of Science in Chemical Engineering, 2011, University of Texas at Austin
 Major: *Chemical Engineering*
 Dissertation: *UV Blocking Micro and Nanoparticles for Biological Applications*
 Dissertation Chair: A. Chauhan
- Rajendra Gautam, Bachelor of Agriculture, 2003, Master of Science in Agriculture, 2007, Tribhuvan University—Nepal
 Major: *Soil and Water Science*
 Dissertation: *Environmental and Agronomic Aspects of Nitrogen Fertilizer Management in St. Augustinegrass Turfgrass During Summer Fertilizer Black-Out*
 Dissertation Chair: G. J. Hochmuth
- Amy M. Geyer, Bachelor of Science, 2010, Master of Science, 2012, University of Florida
 Major: *Biomedical Engineering*
 Dissertation: *Modeling Targeted Alpha Particle Therapy of Cancer: Image-Based Dosimetric Models of Bone and Kidney*
 Dissertation Chair: W. E. Bolch

- Thomas Kiros Ghebregiorgis, Bachelor of Science in Chemistry, 2006, University of Asmara—Eritrea
 Major: *Chemistry*
 Dissertation: I. Comparative and Mechanistic Studies of Metal-Catalyzed Dehydrative Cyclization of Monoallylic Diols; II. Gold-Catalyzed Diastereoselective Synthesis of 2,6-Disubstituted Dihydropyran
 Dissertation Chair: A. Aponick
- Jessica Lilia Gilbert, Bachelor of Science *cum laude*, 2011, University of Florida
 Major: *Horticultural Sciences*
 Dissertation: Genetic, Environmental, and Sensory Variation in Southern Highbush Blueberry (*Vaccinium corymbosum* hybrids) Flavor Biochemistry
 Dissertation Chair: J. W. Olmstead
 Dissertation Co-chair: D. G. Clark
- Lauren Rose Gilbert, Bachelor of Science in Biomedical Science, 2009, Marquette University—Wisconsin; Master of Arts, 2012, University of Florida
 Major: *Sociology*
 Dissertation: Prostate Cancer Advocacy in Black Communities: Reaching Communities, Disrupting Gender, and Leveraging Social Networks and Organizations
 Dissertation Chair: B. A. Zsembik
- Janine A. Gilkes, Bachelor of Science in Biology, 2007, Master of Science in Biology, 2010, California State University at Los Angeles
 Major: *Medical Sciences—Molecular Cell Biology*
 Dissertation: Optimizing Neonatal Gene Transfer in the MPS IIIB Model
 Dissertation Chair: C. D. Heldermon
- Elton Carvalho Gonçalves, Bacharel em Ciências Biológicas, 2010, Universidade Federal de Vicosa—Brazil
 Major: *Plant Molecular and Cellular Biology*
 Dissertation: Metabolic Regulation of Triacylglycerol Accumulation in Nitrogen-Starved Green Algae
 Dissertation Chair: B. Rathinasabapathi
- Vivian E. Gonsalves, Bachelor of Arts in Education *cum laude*, 2002, Master of Education, 2003, Specialist in Education, 2006, University of Florida
 Major: *Special Education*
 Dissertation: The Effects of a Professional Development Experience on the Pedagogical Knowledge and Practice of Classroom Reading Teachers
 Dissertation Chair: H. B. Lane
- David Michael Goss, Bachelor of Arts in Music, 2002, Montclair State University—New Jersey; Master of Music, 2010, Rutgers University at New Brunswick—New Jersey; Master of Arts in Educational Leadership, 2010, Montclair State University—New Jersey
 Major: *Music Education*
 Dissertation: A Mixed-Methods Examination of Expert Band Directors' Rehearsal Pedagogy
 Dissertation Chair: T. S. Brophy
- Subhadip Goswami, Master of Science in Chemistry, 2010, Indian Institute of Technology Kanpur—India
 Major: *Chemistry*
 Dissertation: Organometallic Pi-Conjugated Materials: A New Avenue Towards Optoelectronics
 Dissertation Chair: K. S. Schanze
- Marissa Ann Gowey, Bachelor of Arts in Psychology, 2008, University of Minnesota at Twin Cities; Master of Science, 2012, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Executive Function and Binge Eating in Overweight and Obese Youth
 Dissertation Chair: D. Janicke
- Anuj Goyal, Master of Technology, 2010, Bachelor of Technology, 2010, Indian Institute of Technology Madras—India; Master of Science, 2012, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: Multiscale Computational Modeling of Defects in Uranium Dioxide
 Dissertation Chair: S. R. Phillpot

- Numan Gözübenli, Lisans Diploması, 2004, T.R. Selçuk University—Turkey; Master of Engineering, 2012, University of Florida
 Major: *Chemical Engineering*
 Dissertation: Scalable Fabrication of Colloidal Monolayer Plasmonic Nanocrystals
 Dissertation Chair: P. Jiang
- James B. Graham II, Bachelor of Arts in Biology, 1996, La Salle University—Pennsylvania
 Major: *Medical Sciences—Neuroscience*
 Dissertation: Chondroitinase C Enhances Nerve Regeneration by Selectively Degrading Proteoglycans Within the Peripheral Nerve Fascicle
 Dissertation Chair: D. F. Muir
- Christan Earl Grant, Bachelor of Science in Computer Engineering, 2008, Master of Engineering, 2015, University of Florida
 Major: *Computer Engineering*
 Dissertation: Query-Driven Statistical Analytics for Knowledge Extraction, Resolution and Inference
 Dissertation Chair: Z. Wang
 Dissertation Co-chair: J. N. Wilson
- Uriah Michael Gravois, Bachelor of Science in Civil Engineering, 2007, Master of Science, 2010, University of Florida
 Major: *Coastal and Oceanographic Engineering*
 Dissertation: Validation Test Cases for Operational Wave Models
 Dissertation Chair: A. A. Sheremet
- Daniel A. Gray, Bachelor of Arts in Mathematics, 2008, Augusta State University—Georgia; Master of Arts in Marine Affairs, 2010, Georgia Southern University
 Major: *Mathematics*
 Dissertation: Bounds on the Lengths of Restricted Superpatterns
 Dissertation Chair: M. Bona
- Lauren Nichole Griffin, Bachelor of Arts in Political Science, 2008, Purdue University—Indiana; Master of Arts, 2013, University of Florida
 Major: *Sociology*
 Dissertation: No Ordinary Storm Disaster Films and the Media Culture of Climate Change
 Dissertation Chair: S. G. Perz
- Amanda Toyie Groff, Bachelor of Arts in Anthropology, 2003, Master of Arts in Anthropology, 2007, University of Central Florida
 Major: *Anthropology*
 Dissertation: Evaluating Migratory Aspects of Adults From Kellis 2 Cemetery, Dakhleh Oasis, Egypt, Through Oxygen Isotope Analysis to Address Social Organization and Disease Stigma
 Dissertation Chair: J. Krigbaum
- Sandie Uyen Ha, Bachelor of Science in Biology, 2008, University of Washington at Seattle; Master of Public Health, 2011, University of Florida
 Major: *Epidemiology*
 Dissertation: Environmental Determinants of Oral Clefts
 Dissertation Chair: X. Xu
- Syeda Zeerak Haider, Bachelor of Science in Health Education *cum laude*, 2009, Master of Science, 2010, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Understanding the Physical Activity Behaviors of Muslim Female College Students
 Dissertation Chair: C. B. Stopka
- Elizabeth Carmel Hamilton, Bachelor of Fine Arts, 2007, University of Wyoming; Master of Arts, 2013, University of Florida
 Major: *Art History*
 Dissertation: Unleashing the Black Fantastic: Afrofuturist Feminism in Contemporary Art
 Dissertation Chair: R. E. Poynor
- Alan J. Hamlet, Bachelor of Science in Mechanical Engineering *summa cum laude*, 2010, Master of Science, 2013, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: The Cognitive Driving Framework: Joint Intent and Belief Inference for Collision Prediction and Avoidance in Autonomous Vehicles
 Dissertation Chair: C. D. Crane

- Michelle Grant Harris, Bachelor of Arts in Education, 1997, Master of Education, 1998, University of Florida
 Major: *Special Education*
 Dissertation: This Will Be Your Opportunity, Your Opportunity to Tell Your Story. The Problematization of Quality in Early Childhood Programs. Black Directors' Perspectives
 Dissertation Chair: K. M. Kemple
- Colin F. Harte, Bachelor of Arts in Music, 2003, Bard College—New York; Master of Science in Elementary Education, 2007, The City University of New York
 Major: *Music*
 Dissertation: Music in a Brazilian Classroom Samba, Choro and the Role of Enculturation at Colegio Pedro II Sao Cristovao
 Dissertation Chair: L. N. Crook
- Michael T. Hartman, Bachelor of Science 2007, University of Florida
 Major: *Physics*
 Dissertation: Measurement of Thermal Noise in Dielectric Mirrors and Parallel Phase Modulation for Gravitational-Wave Detectors
 Dissertation Chair: G. Mueller
- Sarah Kathryn Pitcher Hayes, Bachelor of Arts in English *summa cum laude*, 2005, University of Minnesota at Twin Cities; Master of Arts in English, 2010, University of St. Thomas—Minnesota
 Major: *English*
 Dissertation: Penitential Education: The Spatial Imaginary of American Indian Boarding Schools
 Dissertation Chair: J. R. Schorb
- Audrey April Hazamy, Bachelor of Arts in Psychology, 2007, Florida Atlantic University; Master of Science in Psychology, 2009, Georgia Southern University
 Major: *Communication Sciences and Disorders*
 Dissertation: Sentence Level Emotional Language Processing and Production in Parkinson's Disease
 Dissertation Chair: L. J. Altmann
- Todd Andrew Holmes, Bachelor of Business Administration, 1995, James Madison University—Virginia; Master of Arts in Mass Communication, 2008, University of Florida
 Major: *Mass Communication*
 Dissertation: The Influence of Self-Brand Congruity, Ad Position, and Ad Duration on the Effectiveness of Online Video Advertising
 Dissertation Chair: D. H. Ostroff
- Sutatcha Hongsresawat, Bachelor of Science in Geological Sciences, 2001, University of Chicago—Illinois; Master of Arts, 2003, Princeton University—New Jersey; Master of Science, 2010, Northwestern University—Illinois
 Major: *Geology*
 Dissertation: Splitting Intensity Measurements of North America and Finite-Frequency Modeling of Upper Mantle Anisotropy
 Dissertation Chair: M. Panning
- Angela G. Hooser, Bachelor of Science in Mass Communication, 1991, Towson University—Maryland; Master of Arts in Education, 2011, Jacksonville University—Florida
 Major: *Curriculum and Instruction*
 Dissertation: Reconstructing the Lived Experiences of Practitioner Scholars Using Third Space Theory: A Phenomenological Interview Study
 Dissertation Chair: N. L. Dana
- Fraser E. Houston, Bachelor of Science in Sport Exercise Science, 2008, Master of Science in Exercise and Sport, 2009, Manchester Metropolitan University—United Kingdom
 Major: *Health and Human Performance*
 Dissertation: Proteolytic Mechanisms of Botulinum Neurotoxin Type A-Induced Skeletal Muscle Atrophy
 Dissertation Chair: S. Dodd
- Patty Williams Hovis, Bachelor of Science in Physical Education, 1988, University of South Florida; Master of Science in Exercise and Sport Sciences, 1993, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Impact of Shoulder Pain on Wheelchair Propulsion Type: Muscle Synergies, Kinematics, and Pain
 Dissertation Chair: M. D. Tillman

- Jennifer Lee Howell, Bachelor of Arts in Psychology *cum laude*, 2009, Southwestern University—Texas; Master of Science, 2011, University of Florida
 Major: *Psychology*
 Dissertation: Self-Resources, Psychological Threat Management, and Information Avoidance
 Dissertation Chair: J. A. Shepperd
- Kuan-Hui Hsu, Bachelor of Science, 2010, National Tsing-Hua University—Taiwan
 Major: *Chemical Engineering*
 Dissertation: Novel Therapeutic Contact Lenses for Improving Safety, Compliance, and Efficacy
 Dissertation Chair: A. Chauhan
- Michael E. Hudson-Vassell, Bachelor of Science in Business Administration, 2009, Master of Education, 2011, University of Florida
 Major: *Educational Leadership*
 Dissertation: Pygmalion, Golem, and Galatea in the 10th Grade: Teacher Expectations and Black Student Outcomes in Mathematics
 Dissertation Chair: L. S. Behar-Horenstein
- Justin L. Hugon, Bachelor of Science in Physics *cum laude*, 2009, Rhodes College—Tennessee; Master of Science, 2011, University of Florida
 Major: *Physics*
 Dissertation: A Search for the Standard Model Higgs Boson Decaying to Muons in LHC Data with the CMS Experiment
 Dissertation Chair: D. E. Acosta
- Kevin J. Hull, Bachelor of Science in Journalism, 2000, Boston University—Massachusetts; Master of Arts in Teaching, 2012, North Carolina A&T State University
 Major: *Mass Communication*
 Dissertation: How Local Television Sports Broadcasters Are Using Twitter: Informing and Engaging Their Followers, Using Self-Presentation Techniques, and Increasing Their Viewers for Their Evening Sportscasts
 Dissertation Chair: J. E. Dodd
- Ching-I Hung, Bachelor of Arts, 2006, National Cheng Kung University—Taiwan; Master of Science in Speech & Language Pathology, 2010, University of Tennessee Health Science Center
 Major: *Communication Sciences and Disorders*
 Dissertation: Modality-Specific Semantic Processing of Action Concepts: An Eyetracking Investigation
 Dissertation Chair: J. J. Reilly
- Jooyun Hwang, Bachelor of Arts, 2000, Ewha Womens University—South Korea; Master of Arts in Journalism, 2002, University of Missouri at Columbia
 Major: *Mass Communication*
 Dissertation: Exploring Communication Platform Effects: The Interplay Effects of Crisis Responsibility Attributions, Crisis Type, and Crisis Responses on Attitudes and Behavioral Intentions for Food and Recall Crisis
 Dissertation Chair: S. K. Kiousis
- Erin Nikesha Jackson, Bachelor of Science in Chemistry, 2010, Howard University—District of Columbia
 Major: *Pharmaceutical Sciences—Medicinal Chemistry*
 Dissertation: Interaction of Triclosan with Human and Sheep Phase II Enzymes
 Dissertation Chair: M. O. James
- Kirsten M. Jackson, Master of Science in Biomedical Engineering, 2011, Bachelor of Science in Biomedical Engineering, 2011, California Polytechnic State University at San Luis Obispo
 Major: *Biomedical Engineering*
 Dissertation: Design and Fabrication of Miniaturized Continuous-Exchange and Continuous-Flow Systems for Cell-Free Protein Synthesis
 Dissertation Chair: Z. H. Fan
- Suguna Jairam, Bachelor of Technology in Bio-Technology Engineering, 2009, Sastra University—India; Master of Science, 2011, North Carolina State University
 Major: *Agricultural and Biological Engineering*
 Dissertation: Value Added, Multifunctional Biocomposites From Biorefinery Residue (Lignin and Glycerol) via Emulsion and Miniemulsion Polymerization
 Dissertation Chair: Z. Tong

- Brantley Phillip Jarvis, Bachelor of Arts *cum laude*, 2008, Bachelor of Science *cum laude*, 2008, Master of Arts, 2010, James Madison University—Virginia
 Major: *Psychology*
 Dissertation: Monetary Commitment Contracts to Promote Smoking Cessation
 Dissertation Chair: J. Dallery
- Yang Jiao, Bachelor of Philosophy, 2005, Fudan University—China; Master of Arts, 2007, University of Florida
 Major: *Anthropology*
 Dissertation: Migration and Social Life of the Chinese Entrepreneurs in Ghana
 Dissertation Chair: C. Shih
 Dissertation Co-chair: A. Spring
- Ahyea Jo, Bachelor of Arts, 2002, Hongik University—South Korea; Master of Science, 2007, State University of New York at Albany
 Major: *Curriculum and Instruction*
 Dissertation: Bilingual Elementary Mainstream Teachers' Voices of Their Bilingual Experiences for Their Work in Linguistically and Culturally Diverse Classrooms
 Dissertation Chair: E. J. De Jong
- Nat Johns, Bachelor of Science *summa cum laude*, 2008, University of Florida
 Major: *Medical Sciences—Genetics*
 Dissertation: Creation and Initial Characterization of a Herpes Simplex Virus 1 Recombinant Deleted for a CTCF-Associated Putative Viral Chromatin Insulator
 Dissertation Chair: D. C. Bloom
- Bridgette Georgia Johnson, Bachelor of Arts in English *cum laude*, 2002, South Carolina State University; Master of Education in Early Childhood Education, 2010, Montclair State University—New Jersey
 Major: *Special Education*
 Dissertation: An Investigation of the Self-Efficacy Beliefs of Teachers Serving Students with Significant Disabilities
 Dissertation Chair: P. T. Sindelar
 Dissertation Co-chair: E. D. McCray
- Shelly A. Johnson, Bachelor of Science in Wildlife Resources, 1998, University of Idaho; Master of Science in Forestry, 2008, Northern Arizona University
 Major: *Forest Resources and Conservation*
 Minor: *Wildlife Ecology and Conservation*
 Dissertation: Tradeoffs Among Wildlife Diversity, Social Values, and Ecosystem Services: Considerations for Wildlife Habitat Management
 Dissertation Chair: D. Adams
 Dissertation Co-chair: H. K. Ober
- Jaron L. Jones, Bachelor of Science, 2009, Master of Science, 2010, North Carolina Agricultural and Technical State University
 Major: *Agricultural Education and Communication*
 Dissertation: A Self-Narrative Process as a Vehicle for Personal Hardiness and Self-Efficacy in Undergraduate Leadership Students
 Dissertation Chair: A. C. Andenoro
- Shweta Kailasan, Bachelor of Science in Biotechnology *summa cum laude*, 2009, Claflin University—South Carolina; Master of Science in Biotechnology, 2010, Johns Hopkins University—Maryland
 Major: *Medical Sciences—Biochemistry and Molecular Biology*
 Dissertation: Structure-Function Characterization of Bocaparvoviruses
 Dissertation Chair: M. Agbandje-McKenna
- Garima Kakkar, Master of Science, 2006, University of Delhi—India; Master of Science, 2010, University of Florida
 Major: *Entomology and Nematology*
 Dissertation: Temporal and Spatial Assessment of Molting in Workers of *Coptotermes Formosanus Shiraki*: An Approach to Speed up the Colony Elimination with the Use of Chitin Synthesis Inhibitor Baits
 Dissertation Chair: N. Su
- Manasi N. Kamat, Master of Science, 2007, University of Mumbai—India; Master of Science, 2012, University of Florida
 Major: *Chemistry*
 Dissertation: Study of Traumatic Brain Injury Biomarkers by Mass Spectrometry
 Dissertation Chair: R. A. Yost

- Nyeonju Kang, Bachelor of Physical Education, 2005, Master of Physical Education, 2009, Kyungpook National University—South Korea
 Major: *Health and Human Performance*
 Dissertation: Force Control and Motor Rehabilitation in Chronic Stroke
 Dissertation Chair: J. H. Cauraugh
- Yasemin Kaya, Bachelor of Arts, 2006, Pamukkale University—Turkey; Master of Arts in Education, 2010, University of Florida
 Major: *Research and Evaluation Methodology*
 Dissertation: Latent Transition Analysis for Longitudinal Cognitive Diagnosis Modeling
 Dissertation Chair: W. L. Leite
- Hope Yvonne Kelly, Bachelor of Arts, 2000, University of Florida; Master of Science in Information Studies, 2005, Florida State University
 Major: *Curriculum and Instruction*
 Dissertation: Open Educational Resource Use in K-12: Prevalent Practices of Teachers Engaged in Educational Technology Communities
 Dissertation Chair: K. M. Dawson
 Dissertation Co-chair: A. D. Ritzhaupt
- Jihye Kim, Bachelor of Science in Nursing, 2005, Korea University—South Korea; Master of Advertising, 2010, University of Florida
 Major: *Mass Communication*
 Dissertation: The Effect of Message Framing on Health-Related Decisions: The Moderating Role of Severity and Temporal Outcome and the Mediating Role of Repose Efficacy
 Dissertation Chair: D. M. Treise
- Soonki Ki Kim, Bachelor Degree in Landscape Architecture, 2008, University of Seoul—South Korea; Master of Landscape Architecture, 2010, Seoul National University—South Korea
 Major: *Design, Construction, and Planning*
 Dissertation: A Place to Live or a Destination to Travel? The World Heritage Tourism Impact on Historic Landscapes Focusing on Hahoe Village, a Historic Village of Korea
 Dissertation Chair: C. Silver
- Alexander Sergejevich Kirpich, Diplom-Kaufmann, 2006, Belarusian State University—Belarus; Master of Statistics, 2011, University of Florida
 Major: *Biostatistics*
 Dissertation: Dynamic Infectious Disease Modeling Challenges Influenced by Real Life Problems
 Dissertation Chair: I. M. Longini
- Brent Michael Kitchens, Bachelor of Business Administration, 2005, University of Mississippi
 Major: *Business Administration—Information Systems and Operations Management*
 Dissertation: Essays on Analytics for Firm Value and Competition
 Dissertation Chair: P. A. Pathak
- Amanda Joy Kleinheksel, Bachelor of Arts, 2004, Bachelor of Arts, 2004, Michigan State University; Master of Education, 2009, University of Florida
 Major: *Curriculum and Instruction*
 Dissertation: Measuring the Adoption and Integration of Virtual Patient Simulations in Nursing Education: An Exploratory Factor Analysis
 Dissertation Chair: A. D. Ritzhaupt
- Page H. Klitzman, Bachelor of Arts, 2010, University of North Carolina at Chapel Hill; Master of Science, 2012, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Individual and Family Factors Associated with Pharmacological and Behavioral Adherence in Pediatric Sickle Cell Disease
 Dissertation Chair: D. Janicke
- Nicholas David Knowlton, Bachelor of Arts in Political Science, 2005, Master of Arts, 2008, University of Utah; Master of Arts, 2012, University of Florida
 Major: *Political Science*
 Dissertation: The Legacies of Democratic Experiments in Africa: Ghana's Democratic Trajectory in Comparative Perspective
 Dissertation Chair: L. A. Villalon

- Andrea Erika Krafft, Bachelor of Arts in English, 2009, Master of Arts in English, 2011, University of South Carolina at Columbia
 Major: *English*
 Dissertation: *The Domestic Fantastic: Postwar American Fiction From Bradbury to Plath*
 Dissertation Chair: M. C. Bryant
- Jessica Letizia Lancia, Bachelor of Arts in History *summa cum laude*, 2005, Adelphi University—New York; Master of Arts in History, 2007, College of Charleston—South Carolina
 Major: *History*
 Dissertation: *Gloria Steinem: The Transnational Life of an American Feminist*
 Dissertation Chair: L. M. Newman
- Roberto Laos, Bachiller en Ciencias con Mencion en Quimica, 2001, Licenciado en Quimica, 2001, Pontificia University Catolica del Peru; Master of Science, 2003, University of Massachusetts at Amherst
 Major: *Chemistry*
 Dissertation: *Directed Evolution of Polymerases to Accept Nucleotides with Non-Standard Hydrogen-Bond Patterns*
 Dissertation Chair: J. D. Stewart
- Nicholas Alexander Larsen, Bachelor of Arts, 2005, University of Florida; Master of Science in Agronomy, 2009, Iowa State University
 Major: *Horticultural Sciences—Environmental Horticulture*
 Dissertation: *Sugarcane Filter Press Mud as a Substrate for Nursery Hardening of Tissue Culture Bananas*
 Dissertation Chair: K. A. Moore
- David K. Lawrimore, Bachelor of Arts, 2005, University of North Carolina at Chapel Hill; Master of Arts, 2010, University of Florida
 Major: *English*
 Dissertation: *The Natural Aristocracy: Class, Intellectuals, and the American Novel, 1789-1819*
 Dissertation Chair: J. R. Schorb
- Leif Ericson Layton, Bachelor of Science in Civil Engineering *cum laude*, 2010, University of Florida
 Major: *Civil Engineering*
 Dissertation: *Development of a Passive Sensor for Measuring Water and Contaminant Mass Flux in Lake Sediments and Streambeds*
 Dissertation Chair: K. Hatfield
- Jae Woong Lee, Bachelor of Engineering, 2003, Handong Global University—South Korea; Master of Science, 2009, University of Florida
 Major: *Computer Engineering*
 Dissertation: *Context-Driven Approach for High Realism, Scalable Simulation of Human Activities in Smart Spaces*
 Dissertation Chair: A. A. Helal
- Soyoung Lee, Bachelor in Radiological Sciences, 2006, Master in Radiological Sciences, 2009, Yonsei University—South Korea
 Major: *Biomedical Engineering*
 Dissertation: *Quantitative Image Quality Assessment and Quality Assurance of Advanced Imaging Systems for Igrt*
 Dissertation Chair: S. S. Samant
- Yousoon Lee, Bachelor of Science, 2007, Master of Science, 2009, Chungnam National University—South Korea
 Major: *Chemistry*
 Dissertation: *Functional Model Clusters for Iron-Molybdenum Cofactor: Reduction of N₂ and CO₂ and Synthesis of Iron-Sulfur Clusters*
 Dissertation Chair: L. J. Murray
- Danielle Marie Lespinasse, Bachelor of Arts in Psychology, 2007, Yale University—Connecticut; Master of Science, 2012, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: *Outcomes of a Commercially Based Online Weight Management Program*
 Dissertation Chair: M. G. Perri

- Luping Li, Bachelor of Engineering, 2007, Tianjin University—China; Master of Science in Mechanical Engineering, 2010, Louisiana State University and A&M College; Master of Science, 2012, University of Florida
 Major: *Chemical Engineering*
 Dissertation: Optimizing the Charge Transport in the Photoanode of Dye Sensitized Solar Cells Using Nanowires
 Dissertation Chair: K. J. Ziegler
- Zhuofei Li, Bachelor of Engineering, 2009, Tsinghua University—China; Master of Science, 2012, University of Florida
 Major: *Civil Engineering*
 Dissertation: Intersection Control Optimization and Simulation for Automated Vehicles at Isolated Intersections
 Dissertation Chair: A. Elefteriadou
- Yoonjeong Lim, Bachelor of Occupational Therapy, 2006, Master of Science in Occupational Therapy, 2008, Yonsei University—South Korea
 Major: *Rehabilitation Science*
 Dissertation: Impact of Child, Family, and Healthcare Service Satisfaction on Families of Children with Rare Diseases
 Dissertation Chair: W. C. Mann
- Antonio Richardo Linero, Bachelor of Science in Business Administration *cum laude*, 2009, University of Florida
 Major: *Statistics*
 Dissertation: Nonparametric Bayes: Inference Under Nonignorable Missingness and Model Selection
 Dissertation Chair: M. J. Daniels
 Dissertation Co-chair: J. Doss
- Bridget K. Lins, Bachelor of Science in Biology, 2009, James Madison University—Virginia
 Major: *Medical Sciences - Biochemistry and Molecular Biology*
 Dissertation: AAV Capsid Transitions in the Endolysosomal Pathway
 Dissertation Chair: M. Agbandje-Mckenna
- Claudia Tyemi Kusano Lissåker, Bachelor of Science in Telecommunication, 2008, Master of Public Health, 2010, University of Florida
 Major: *Epidemiology*
 Dissertation: The Impact of Endocrine-Disrupting Pesticides on Overweight/Obesity
 Dissertation Chair: X. Xu
- Haiyan Liu, Bachelor of Science, 2009, China Agricultural University; Master of Science, 2011, University of Florida
 Major: *Food Science*
 Dissertation: Bioactivity and Bioavailability of Cranberry Procyanidins
 Dissertation Chair: L. Gu
- Kaikai Liu, Bachelor of Engineering, 2008, Nanjing University of Science and Technology—China; Master of Engineering, 2011, University of Science and Technology of China; Master of Science, 2013, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Towards Smart Life via Mobile Sensing Systems
 Dissertation Chair: X. Li
- Leitao Liu, Bachelor of Engineering, 2010, Zhejiang University—China; Master of Science, 2012, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Dissipative Quantum Transport in Devices with Two-Dimensional Channel Materials
 Dissertation Chair: J. Guo
- Elisa J. Livengood, Bachelor of Science, 2005, East Carolina University—North Carolina; Master of Science, 2007, University of Florida
 Major: *Interdisciplinary Ecology*
 Dissertation: The Sustainability of the Global Ornamental Fish Trade Through Management, Resource Health, and Education
 Dissertation Chair: F. A. Chapman
- Andrea Kae Long, Bachelor of Science in Wildlife Ecology *summa cum laude*, 2009, University of Maine; Master of Science in Forest Resources, 2011, University of Arkansas at Monticello
 Major: *Wildlife Ecology and Conservation*
 Dissertation: Effects of an Invasive Ant on Vertebrates in the Southeastern United States
 Dissertation Chair: R. A. McCleery

- Jose R. Lopez-Bobeda, Titulo de Ingeniero en Agroindustria Alimentaria, 2008, Escuela Agricola Panamericana—Honduras
Major: *Agronomy*
Dissertation: Sorghum Traits Associated with Plant Water Uptake: Physiology and Genetics
Dissertation Chair: J. E. Erickson
- Melissa Ann Loucks, Bachelor of Arts in English, 2007, Florida Atlantic University; Master of Arts in English Literature, 2011, University of Oklahoma at Norman
Major: *English*
Dissertation: Not Quite Newsworthy: Comic Strips, Political Cartoons, and Neglected Narratives of the Long Civil Rights Period
Dissertation Chair: D. D. Ault
- Miguel Angel Lugo Ortiz, Bachelor of Science in Civil Engineering, 2010, University of Puerto Rico at Mayaguez; Master of Engineering, 2013, University of Florida
Major: *Civil Engineering*
Dissertation: Walking and Healthy? On the Relationships Among Utilitarian Walking, Health, and Residential Choice
Dissertation Chair: S. Srinivasan
- Jiexuan Luo, Bachelor of Agronomy, 2008, Huazhong Agricultural University—China; Master of Fisheries and Aquatic Sciences, 2010, University of Florida
Major: *Interdisciplinary Ecology*
Dissertation: Nitrogen Fluxes and Dynamics in an Urban Watershed
Dissertation Chair: G. J. Hochmuth
- Mary G. Lusk, Bachelor of Science in Agronomy, 1994, Brigham Young University—Utah; Master of Science in Crop and Soil Environmental Science, 1998, Virginia Polytechnic Institute and State University; Master of Science in Geology, 2003, Brigham Young University—Utah
Major: *Soil and Water Science*
Dissertation: Characterization of the Sources, Chemical Composition, and Bioavailability of Organic Nitrogen in an Urban Coastal Watershed
Dissertation Chair: G. Toor
Dissertation Co-chair: P. W. Inglett
- Bo Ma, Bachelor of Science, 2006, Master of Science, 2009, Nanjing University—China; Master of Science, 2011, University of Florida
Major: *Astronomy*
Dissertation: A Statistical Study of Binaries, Brown Dwarfs and Giant Planets From MARVELS Survey
Dissertation Chair: J. Ge
- Chong Ma, Bachelor of Engineering, 2008, Hefei University of Technology—China; Master of Natural Science, 2011, Graduate University of Chinese Academy of Sciences
Major: *Geology*
Dissertation: Structure, Depositional Age, and Magmatism in the Sawtooth Metamorphic Complex, Idaho: Implications for Cordilleran Tectonics in the Northern U.S.A.
Dissertation Chair: D. A. Foster
Dissertation Co-chair: P. A. Mueller
- Camee N. Maddox, Bachelor of Science, 2008, Towson University—Maryland; Master of Arts, 2010, University of Florida
Major: *Anthropology*
Dissertation: Drum, Dance, and the Defense of Cultural Citizenship: Bele's Rebirth in Contemporary Martinique
Dissertation Chair: F. V. Harrison
- Xiang Mao, Bachelor of Engineering, 2008, Nanjing University of Aeronautics and Astronautics—China; Master of Science, 2010, University of Florida
Major: *Electrical and Computer Engineering*
Dissertation: Frame Structure Optimization and Co-Service of Real-Time and Non-Realtime Traffic in Cognitive Radio Network
Dissertation Chair: J. Y. McNair
- Jadon Josiah Marianetti, Bachelor of Arts, 2010, University of West Georgia; Master of Arts, 2012, University of Florida
Major: *Political Science*
Dissertation: The Chinese Communist Party's Changing Faces: The Role of the International Community and Its Domestic Population in Shaping China's Policy
Dissertation Chair: L. E. Sjoberg

- Jonathan Martin, Bachelor of Science in Microbiology *cum laude*, 2009, University of South Florida
 Major: *Microbiology and Cell Science*
 Dissertation: GlpR Functions as a Global Deor Type Regulator of Metabolic Gene Transcription in the *Haloarchaeon Haloferax Volcanii*
 Dissertation Chair: J. A. Maupin
- Amy C. Martinelli, Bachelor of Arts, 2005, Master of Arts in Education, 2007, University of Florida
 Major: *Curriculum and Instruction*
 Dissertation: The Powerful Pull of Suncoast High School: How Magnet Schools Turned Desegregation Into Choice, 1969-2000
 Dissertation Chair: S. G. Terzian
- Regina T. Martuscello, Bachelor of Science, 2008, Master of Arts, 2010, State University of New York at Buffalo
 Major: *Medical Sciences–Neuroscience*
 Dissertation: Metabolic Intervention for the Treatment of Glioblastoma
 Dissertation Chair: B. A. Reynolds
- Stacey Nicole Maurer, Bachelor of Science *cum laude*, 2009, Master of Science, 2012, University of Florida
 Major: *Psychology–Clinical and Health Psychology*
 Dissertation: Choosing Health: An Online Intervention to Change Eating/Exercise (Project CHOICE)
 Dissertation Chair: M. G. Perri
- Germain Aime Mavah, Master of Science, 2011, University of Florida
 Major: *Interdisciplinary Ecology*
 Dissertation: Integrating Rural People Into Natural Resources and Wildlife Management in the Republic of the Congo
 Dissertation Chair: B. A. Child
 Dissertation Co-chair: M. E. Swisher
- Michelle M. F. McDonald, Bachelor of Arts in Elementary Education, 2001, State University of New York at Cortland;
 Master of Science in School Psychology, 2008, St. Johns University–New York
 Major: *School Psychology*
 Dissertation: School Psychologists' Perceptions of Their Role in Transition Into Effective Change Agents in the Response to Intervention Model
 Dissertation Chair: N. L. Waldron
 Dissertation Co-chair: D. J. Beaulieu
- Asmeret Ghebreigziabihir Mehari, Bachelor of Arts in Archaeology, 2000, University of Asmara–Eritrea; Master of Arts, 2005, University of Florida
 Major: *Anthropology*
 Dissertation: Teaching and Practicing Archaeology in East African Universities: Tanzania and Uganda
 Dissertation Chair: P. R. Schmidt
 Dissertation Co-chair: F. V. Harrison
- Mona S. Minkara, Bachelor of Arts, 2009, Wellesley College–Massachusetts
 Major: *Chemistry*
 Dissertation: Design of a Novel Inhibitor for Helicobacter Pylori Urease
 Dissertation Chair: K. M. Merz
 Dissertation Co-chair: E. Deumens
- Andonis Mitidis, Bachelor of Science in Physics, 1999, University of Bristol–United Kingdom; Master of Science, 2009, Master of Science, 2010, University of Florida
 Major: *Physics*
 Dissertation: Constraining the R-Mode Saturation Amplitude From a Hypothetical Detection of R-Mode Gravitational Waves From a Newborn Neutron Star: Detection Strategies and Machine Learning Algorithms
 Dissertation Chair: B. F. Whiting
- Melissa Molloy, Bachelor of Arts *summa cum laude*, 2006, Marlboro College–Vermont; Master of Arts in English, 2009, University of Utah
 Major: *English*
 Dissertation: Contemporary Cinematic Maternities, Ethics, and Biopolitics
 Dissertation Chair: M. C. Turim

Adam Gustavo Monsalve, Bachelor of Science in Biological Sciences, 2011, Virginia Polytechnic Institute and State University;
Master of Science, 2012, University of Florida

Major: *Materials Science and Engineering*
Dissertation: Magnetic Particles to Control Cellular Signaling Molecules
Dissertation Chair: J. P. Dobson

Kelly N. Moore, Bachelor of Science *cum laude*, 2009, Master of Science, 2010, University of Florida

Major: *Interdisciplinary Ecology*
Dissertation: “You Are What You Eat”: The Food Movement as a Source of Self-Evaluation and Social Comparison
Dissertation Chair: M. E. Swisher

Aurelio Federico Morales Villanueva, Bachiller en Ciencias con mención en Ingeniería Eléctrica, 1985, Título de Ingeniero
Electrónico, 1988, Maestro en Ciencias con mención en Ingeniería Electrónica, 1991, Universidad
Nacional de Ingeniería—Peru; Master of Science, 1994, State University of New York at Buffalo

Major: *Electrical and Computer Engineering*
Dissertation: On-Chip Software Tools for Hardware Multitasking on Partially Reconfigurable FPGAs
Dissertation Chair: A. M. Gordon-Ross

† Brélan Eytan Moritz, Bachelor of Science *cum laude*, 2008, University of Florida

Major: *Microbiology and Cell Science*
Dissertation: Metabolic Engineering of *Escherichia coli* for Butyric Production
Dissertation Chair: K. T. Shanmugam

Joel A. Mousseau, Bachelor of Science in Physics, 2007, University of Michigan at Ann Arbor

Major: *Physics*
Dissertation: First Search for the EMC Effect and Nuclear Shadowing in Neutrino Nucleus Deep Inelastic Scattering at Minerva
Dissertation Chair: H. Ray

Soma Mukherjee, Bachelor of Technology, 2005, University of Calcutta—India

Major: *Chemistry*
Dissertation: Dynamic-Covalent Macromolecular Architectures Composed of Reversible Oxime Bonds
Dissertation Chair: B. S. Sumerlin

Amrita B. Mullick, Master of Science in Chemistry, 2004, Indian Institute of Technology at Madras—India;
Master of Science in Chemistry, 2007, Boston College—Massachusetts

Major: *Chemistry*
Dissertation: Applications of Metal Organic Frameworks and N-Heterocyclic Carbene Metal Complexes
Dissertation Chair: L. J. Murray

Milton Garry Newberry III, Bachelor of Science, 2007, Pennsylvania State University; Master of Agricultural Leadership,
2012, University of Georgia

Major: *Agricultural Education and Communication*
Dissertation: The Florida Master Naturalist Program: The Motivations, Psychological Benefits, and Climate Change
Perceptions of Program Participants
Dissertation Chair: G. D. Israel

Steve M. Newell, Bachelor of Arts in Psychology, 2008, University of North Carolina at Chapel Hill; Master of Science,
2012, University of Florida

Major: *Psychology*
Dissertation: Disgust and Defensive Responding: Avoidance of Screenings and Risk Feedback in Disgust-Relevant Health Contexts
Dissertation Chair: J. A. Shepperd

Peter Thanh Trieu Nguyen, Bachelor of Arts in Psychology, 2007, University of California at Los Angeles; Master of Science,
2011, University of Florida

Major: *Psychology—Clinical and Health Psychology*
Dissertation: Functional and Structural Connectivity of the Frontoparietal Network as Predictors of Working Memory Performance
Dissertation Chair: C. E. Price

† Degree Awarded Posthumously

Trang T. Nguyen, Bằng Tốt Nghiệp Đại Học, 2008, Hanoi University of Technology—Vietnam

Major: *Statistics*

Dissertation: Some Contributions to Bayesian Item Response Models, Case-Control Studies and Case-Cohort Studies
Dissertation Chair: M. Ghosh

Angelina N. Northey, Bachelor of Arts in Psychology, 2010, State University of New York at Binghamton; Master of Education, 2014, University of Florida

Major: *School Psychology*

Dissertation: Broadening Our Understanding of School Discipline: The Decision Making Process of Black Educators with Political Clarity
Dissertation Chair: N. L. Waldron

Kathryn L. Nutter-Pridgen, Bachelor of Arts in Psychology, 2005, Master of Arts in Sociology, 2008, Ohio University

Major: *Sociology*

Dissertation: “Don’t Call Me a Fence-Sitter; I’m a Bridge-Builder!” A Situational Analysis of Contemporary Bisexual Activism and New Social Movement Terrain
Dissertation Chair: K. L. Broad-Wright

Benjamin M. O’Brien, Bachelor of Arts in Mathematics, 2006, University of Virginia; Master of Arts, 2009, Mills College—California

Major: *Music*

Dissertation: A Theory on Musical Translation
Dissertation Chair: P. C. Koonce

Patrick Michael Oday, Bachelor of Arts in Anthropology, 1993, Fort Lewis College—Colorado; Master of Arts, 2002, University of Florida

Major: *Anthropology*

Dissertation: Measuring Pre-Contact Marine Fisheries in the Marianas Archipelago
Dissertation Chair: K. E. Sassaman
Dissertation Co-chair: D. J. Murie

Emmanuel A. Ofori, Bachelor of Arts, 2005, University of Ghana; Master of Philosophy, 2008, Norwegian University of Science and Technology—Norway

Major: *Linguistics*

Dissertation: The Use of Insults in Ghanaian Political Discourse: A Critical Discourse Analysis
Dissertation Chair: D. Boxer
Dissertation Co-chair: F. McLaughlin

Brittany Monique Osbourne-Derenoncourt, Bachelor of Arts in Anthropology *magna cum laude*, 2007, Bachelor of Arts in English *magna cum laude*, 2007, University of South Florida; Master of Fine Arts in Creative Writing, 2010, University of Central Florida; Master of Arts, 2013, University of Florida

Major: *Anthropology*

Dissertation: The Biocultural Impact of Ethnic Health and Beauty Product Consumption Among South Florida Jamaican Women
Dissertation Chair: C. C. Gravlee

Katherine L. O’Shaughnessy, Bachelor of Arts in Biology *summa cum laude*, 2010, Capital University—Ohio

Major: *Genetics and Genomics*

Dissertation: The Evolution of Steroid Receptors and Their Role in Chondrichthyan Sexually Dimorphic Development
Dissertation Chair: M. J. Cohn

Subhadip Pal, Master of Science in Statistics, 2009, Indian Statistical Institute—India

Major: *Statistics*

Dissertation: Development and Analysis of New Markov Chain Monte Carlo (MCMC) Algorithms
Dissertation Chair: K. Khare

Jay T. Pantone, Bachelor of Science *cum laude*, 2011, Master of Science, 2013, University of Florida

Major: *Mathematics*

Dissertation: Structural Analysis of Permutation Classes
Dissertation Chair: V. Vatter

- Yeonhee Park, Bachelor of Science, 2006, Ajou University—South Korea; Master of Science, 2009, Korea Advanced Institute of Science and Technology—South Korea
 Major: *Statistics*
 Dissertation: A Markov Chain Monte Carlo Approach to Empirical Bayes Inference and Bayesian Sensitivity Analysis via Empirical Processes
 Dissertation Chair: J. Doss
- Janise Shante Parker, Bachelor of Science in Psychology *summa cum laude*, 2010, Florida State University; Master of Education, 2013, University of Florida
 Major: *School Psychology*
 Dissertation: Understanding Struggling High School Males' Experiences with Autonomy Supportive Teacher Practices
 Dissertation Chair: N. L. Waldron
- S. Janine Parker, Bachelor of Science in Management, 2004, Master of Science in Agricultural Economics, 2011, North Carolina Agricultural and Technical State University
 Major: *Agricultural Education and Communication*
 Dissertation: Perceptions of Public Extensions Source Credibility in Trinidad
 Dissertation Chair: G. D. Israel
- Matias Ezequiel Pascualini, Titulo de Licenciado en Ciencias Quimicas, 2010, Universidad de Buenos Aires—Argentina
 Major: *Chemistry*
 Dissertation: Synthesis and Characterization of a Family of M²⁺ Complexes Supported by a Trianionic ONO₃⁻ Pincer Ligand: Towards the Stabilization of High-Spin Square-Planar Complexes
 Dissertation Chair: A. S. Veige
- Perry G. Peace, Bachelor of Science *cum laude*, 2004, Specialist in Education, 2008, Master of Education, 2008, University of Florida
 Major: *Counseling and Counselor Education*
 Dissertation: Exploring the Lived Experiences of Felt Sense Among Beginning Counselors: A Phenomenological Study
 Dissertation Chair: S. L. Smith
- Xinlai Peng, Bachelor of Engineering, 2007, Beijing Jiaotong University—China; Master of Engineering, 2010, Tongji University—China
 Major: *Civil Engineering*
 Dissertation: Modeling Vulnerability of Residential Buildings to Multiple Hazards
 Dissertation Chair: D. Prevatt
- Marcus Kwasi Adu Peprah, Bachelor of Arts in Physical Sciences, 2008, Reed College—Oregon
 Major: *Physics*
 Dissertation: Influence of Pressure and Light on the Magnetic Properties of Prussian Blue Analogues and Hofmann-Like Frameworks
 Dissertation Chair: M. W. Meisel
- Katchen Julliany Pereira Silva, Diploma de Engenheiro Agronomo, 2009, Titulo of Magister Scientiae em Fitotecnia, 2011, Universidade Federal de Vicosa—Brazil
 Major: *Horticultural Sciences*
 Dissertation: Generation of Broad-Spectrum Disease Resistance in *Fragaria Vesca*
 Dissertation Chair: K. M. Fol
- Michael Jay Perez, Bachelor of Science, 2008, University of Central Florida
 Major: *Physics*
 Dissertation: Forays in Flavor
 Dissertation Chair: P. Ramond
- Gavin R. Philips, Bachelor of Science in Civil Engineering, 2006, University of Wyoming
 Major: *Electrical and Computer Engineering*
 Dissertation: Functional Connectivity Based Biomarkers for Evaluation and Guidance of BCI-Enabled Post-Stroke Motor Recovery
 Dissertation Chair: J. C. Principe
 Dissertation Co-chair: A. Gunduz

- Blayne Michael Phillips, Bachelor of Science in Chemical Engineering *magna cum laude*, 2010,
Northeastern University—Massachusetts
Major: *Chemical Engineering*
Dissertation: Broadband Biomimetic Antireflection Fabricated via Colloidal Self-Assembly
Dissertation Chair: P. Jiang
- Catalina Pimiento, Titulo de Biologa, 2006, Pontificia Universidad Javeriana—Colombia; Master of Science, 2010,
University of Florida
Major: *Zoology*
Minor: *Curriculum and Instruction*
Dissertation: Paleobiology of Mio-Pliocene Sharks, with Emphasis on the Extinct Apex Predator Carcharocles Megalodon
Dissertation Chair: B. J. MacFadden
- Melissa Amanda Pinard, Bachelor of Science in Chemistry, 2011, Morgan State University—Maryland
Major: *Medical Sciences—Biochemistry and Molecular Biology*
Dissertation: Structure and Inhibition of a Type II Beta-Carbonic Anhydrase Psca3 From Pseudomonas Aeruginosa
Dissertation Chair: R. McKenna
- Andrew R. Powers, Bachelor of Science in Physics, 2009, Syracuse University—New York
Major: *Chemistry*
Dissertation: Elucidating a New Frontier in Metal-Metal Cycloaddition Reactions: Exploring iClick
Dissertation Chair: A. S. Veige
- Gypsy C. Price, Bachelor of Arts in Anthropology, 2005, University of North Carolina at Chapel Hill; Master of Arts, 2009,
University of Florida
Major: *Anthropology*
Dissertation: Isotopic Contributions to Unpacking Political Economies: Human-Livestock Relations at Bronze Age Mycenaean
Dissertation Chair: J. Krigbaum
- Jingjing Qiu, Bachelor of Economics, 2010, Bachelor of Engineering, 2010, Xiamen University—China
Major: *Chemistry*
Dissertation: Surface Plasmon Mediated Chemical Deposition of Nanoparticles for Chemical and Biological Applications
Dissertation Chair: W. Wei
- Pedro Alejandro Quintero, Titulo de Fisico, 2007, Titulo de Magister en Ciencias Fisica, 2008, Universidad Nacional de Colombia
Major: *Physics*
Dissertation: Magnetic and Electrical-Transport Studies of Molecule-Based Magnets
Dissertation Chair: M. W. Meisel
- Anandharajan Rathinasabapathy, Bachelor of Pharmacy, 2000, Tamil Nadu Dr. M.G.R. Medical University—India;
Master of Science, 2004, Anna University—India
Major: *Pharmaceutical Sciences—Pharmacodynamics*
Dissertation: Novel Therapeutic Intervention for Cardiopulmonary Diseases
Dissertation Chair: M. J. Katovich
- Eduardo de Souza Ribeiro, Title Medico Veterinario, 2008, Universidade do Estado de Santa Catarina—Brazil;
Master of Science, 2011, University of Florida
Major: *Animal Molecular and Cellular Biology*
Dissertation: Molecular Features in Reproductive Biology Associated with Fertility in Lactating Dairy Cows
Dissertation Chair: J. E. Santos
- Clarissa Marie Edge Richardson, Bachelor of Science in Biology *summa cum laude*, 2009, Illinois College
Major: *Counseling Psychology*
Dissertation: Perfectionism, Daily Perceived Stress, Disclosure of Daily Emotional Events, and Subsequent Psychological Distress
Dissertation Chair: K. G. Rice
Dissertation Co-chair: R. D. Duffy
- Gonzalo Francisco Rivas Torres, Licenciado en Ciencias Biologicas, 2006, Pontificia Universidad Catolica del Ecuador;
Master of Science in Biology, 2010, University of Missouri at St. Louis
Major: *Wildlife Ecology and Conservation*
Dissertation: Ecological and Socioeconomic Effects of an Invasive Canopy Tree in the Galapagos Islands
Dissertation Chair: B. A. Loiselle
Dissertation Co-chair: S. Flory

- Andrew Clayton Robb, Bachelor of Science in Computer Engineering *cum laude*, 2009, Master of Engineering, 2014, University of Florida
 Major: *Computer Engineering*
 Dissertation: Mixed-Agency Teams and Their Effect on Social Presence and Behavior During High-Fidelity Team Training
 Dissertation Chair: B. Lok
- Mary Theresa Rodriguez, Bachelor of Science, 2008, Texas A&M University at College Station; Master of Science, 2010, University of Florida
 Major: *Agricultural Education and Communication*
 Dissertation: An Investigation of the Impact of Innovation Characteristics, Social Capital, and Gender on Adoption of the Hydraulic Injector Fertigation Technology in the Jordan Valley
 Dissertation Chair: T. G. Roberts II
- Ana Maria Rogers, Bachelor of Science in Civil Engineering, 2005, Bachelor of Arts in Spanish, 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
- Geoffrey Lane Rogers, Bachelors of Science in Molecular Biology, 2010, University of San Diego—California
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: Bridging Innate and Adaptive Immune Responses During AAV-Mediated Gene Therapy for Hemophilia B
 Dissertation Chair: R. W. Herzog
- Brian P. Rossmiller, Bachelor of Science in Biology, 2005, University of Iowa
 Major: *Medical Sciences—Genetics*
 Dissertation: Self-Complementary Recombinant Adeno-Associated Virus Mediated Gene Therapy in Models of Autosomal Dominant Retinitis Pigmentosa Caused by Rho Mutations
 Dissertation Chair: A. S. Lewin
- Ananya Roy, Post Graduate Diploma, 2003, Indian Institute of Mass Communication at New Delhi—India; Master of Communication Studies, 2008, Nanyang Technological University—Singapore
 Major: *Mass Communication*
 Dissertation: ICTS as Enablers of Public Participation for the Hearing Impaired: A Case for Television News Closed Captioning in India
 Dissertation Chair: D. H. Ostro
- Alexander V. Rudy, Bachelor of Science in Materials Science and Engineering *cum laude*, 2010, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: Investigation of the Mechanical, Tribological, and Chemical Properties of Hydrogel Interfaces
 Dissertation Chair: S. S. Perry
- Manu Samnotra, Bachelor of Arts in Economics, 2004, Ithaca College—New York; Master of Arts in Political Science, 2006, New School for Social Research—New York
 Major: *Political Science*
 Dissertation: Between Shame and Courage: Reflections on Hannah Arendt's Political Thought
 Dissertation Chair: L. P. Thiele
- Anthony J. Sampson, Bachelor of Science in Social Science, 2000, United States Air Force Academy—Colorado; Master of Science, 2007, Naval Postgraduate School—California
 Major: *Health and Human Performance*
 Dissertation: Student Athlete Recruitment and College-Choice Behavior: A Conjoint Analysis of Relative Attribute Preferences
 Dissertation Chair: M. Sagas
- Shelley Maree Sanderson, Bachelor of Music Education, 2007, Master of Music Education, 2011, Georgia College and State University
 Major: *Music Education*
 Dissertation: Choral Music Educators and High School Musical Theater Programs: A Collective Case Study
 Dissertation Chair: W. Bauer

- Monica M. Santisteban, Bachelor of Science, 2011, University of Florida
Major: *Medical Sciences—Physiology and Pharmacology*
Dissertation: Role of the Bone Marrow and Neuroinflammation in Hypertension
Dissertation Chair: M. K. Raizada
- Paloma Danielle Sardina, Bachelor of Science in Applied Physiology and Kinesiology *summa cum laude*, 2011, University of Florida
Major: *Health and Human Performance*
Dissertation: Antiglycemic and Vascular Benefits of Enhanced External Counterpulsation in Patients with Type II Diabetes Mellitus
Dissertation Chair: R. W. Braith
- Krystina Brianne Sarff, Bachelor of Arts in Interdisciplinary Studies *cum laude*, 2007, Bachelor of Arts, 2009,
University of Central Florida
Major: *Health and Human Performance*
Dissertation: NCAA Division I and United States Senior National Team Women's Rowing Empowering Sport Endeavors
Dissertation Chair: M. Sagas
- Shintaro Sato, Bachelor of Education, 2006, Hokkaido University—Japan; Master of Science, 2008, Waseda University—Japan
Major: *Health and Human Performance*
Dissertation: Consumer Judgment of Scandalized Athletes: An Assimilation-Contrast Approach
Dissertation Chair: Y. J. Ko
- Shashank Gand Sawant, Bachelor of Technology in Electronics and Communication Engineering, 2008,
Visvesvaraya National Institute of Technology—India; Master of Science, 2010, University of Florida
Major: *Electrical and Computer Engineering*
Dissertation: Design, Fabrication, and Characterization of Micro-Electrodynamic-Zero-Net-Mass-Flux Actuators
Dissertation Chair: D. P. Arnold
- Jorge Alberto Sefair, Diploma de Ingeniero Industrial, 2005, Diploma de Economista, 2006, Magister en Ingenieria Industrial,
2008, Universidad de Los Andes—Columbia
Major: *Industrial and Systems Engineering*
Dissertation: Interdiction Models for Planning Under Uncertainty
Dissertation Chair: J. C. Smith
- Manu Sethi, Bachelor of Technology, 2005, University of Roorkee—India; Master of Science, 2014, University of Florida
Major: *Computer Engineering*
Dissertation: A Gridless Approach to Multiframe Optical Flow Using a Novel Relational Image Representation
Dissertation Chair: A. Rangarajan
- William M. Severa, Bachelor of Arts in Liberal Arts and Sciences, 2010, Florida Atlantic University; Master of Science, 2012,
University of Florida
Major: *Mathematics*
Dissertation: Geometric Representations of the Infimax S-Adic Family
Dissertation Chair: P. L. Boyland
- Katherine H. Shaeffer, Bachelor of Arts, 2006, New College of Florida; Master of Arts, 2009, University of Florida
Major: *English*
Dissertation: The Invisible Art of Alchemy: Chaucer to the Graphic Novel
Dissertation Chair: D. D. Ault
- Ronen Shay, Bachelor of Arts, 2007, University of Toronto—Canada; Master of Arts, 2011, University of Amsterdam—Netherlands
Major: *Mass Communication*
Dissertation: Media Multitasking, Platform Switching, and Exclusivity: An Examination of Multiplatform Behavior During
Video Consumption
Dissertation Chair: S. M. Chan-Olmsted
- Zahra Shekarkhar, Bachelor of Arts in Criminology, 2006, University of Miami—Florida; Master of Arts, 2010,
University of Florida
Major: *Criminology, Law, and Society*
Dissertation: Substance Use Among Immigrant Youth in Chicago
Dissertation Chair: C. L. Gibson

- 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
- Sang Min Shin, Bachelor of Arts, 2005, Sook Myung Women's University—South Korea; Master of Science, 2009, Johns Hopkins University—Maryland
 Major: *Counseling and Counselor Education*
 Dissertation: A Parenting Stress Model of Asian Parents Living in the U.S.
 Dissertation Chair: S. L. Smith
- Debjani Sibi, Bachelor of Science in Agriculture with honours, 2008, Bidhan Chandra Krishi Viswavidyalaya—India; Master of Science, 2010, Indian Agricultural Research Institute—India
 Major: *Soil and Water Science*
 Dissertation: Processes and Modeling of Temperature Sensitivity of Soil Organic Matter Decomposition in Subtropical Wetlands
 Dissertation Chair: P. W. Inglett
- Nivea Maria Simões Falcão Sr., Titulo de Farmacuetica de Bioquimica, 2008, Universidade Paulista—Brazil; Mestra em Ciencias da Saude, 2010, Universidade Federal de Amazonas—Brazil
 Major: *Pharmaceutical Sciences—Pharmacy*
 Dissertation: Dose Optimization of Pyrazinamide Based on Dermal Microdialysis in Wistar Rats for Cutaneous Leishmaniasis Treatment
 Dissertation Chair: H. C. Derendorf
- Rajendra P. Sishodia, Bachelor of Engineering, 2000, Rajasthan Agriculture University at Bikaner—India; Master of Science in Engineering, 2010, South Dakota State University at Brookings
 Major: *Agricultural and Biological Engineering*
 Dissertation: Effects of Irrigation Withdrawals and Climate Change on Groundwater Dynamics in a Semi-Arid Indian Watershed
 Dissertation Chair: S. Shukla
- Ashley Gale Smith, Bachelor of Science in Astronomy and Astrophysics, 2000, Indiana University at Bloomington; Master of Science in Radiological Medical Physics, 2005, University of Kentucky
 Major: *Biomedical Engineering*
 Dissertation: Respiratory Motion Management for Radiation Therapy
 Dissertation Chair: D. E. Hintenlang
- Jose Roberto Soto-Shoender, Licenciado en Biología, 2003, Universidad de San Carlos—Guatemala; Master of Science, 2008, University of Florida
 Major: *Wildlife Ecology and Conservation*
 Dissertation: Response of Mid- and Large-Sized Mammals to Woody Encroachment in a Southern African Savanna
 Dissertation Chair: R. A. McCleery
 Dissertation Co-chair: W. M. Giuliano
- Charisse Nerissa Southwell, Bachelor of Arts, 2009, Master of Education, 2011, University of Florida
 Major: *Educational Leadership*
 Dissertation: Culture or Color: Exploring the Landscape of Colorblind Orientations Towards Culturally Competent Practice
 Dissertation Chair: L. S. Behar-Horenstein
- Kristen Sanderson Springer, Bachelor of Arts in Psychology *magna cum laude*, 2006, Master of Arts, 2008, Assumption College—Massachusetts; Master of Science, 2012, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: The Development and Assessment of a New Technology for Treating Chronic Low Back Pain Patients From a Fear-Avoidance Model
 Dissertation Chair: M. E. Robinson
- Tulsi Srinivasan, Master of Science, 2010, Indian Institute of Technology Madras—India; Master of Science, 2012, University of Florida
 Major: *Mathematics*
 Dissertation: The Lusternik-Schnirelmann Category of Peano Continua
 Dissertation Chair: A. N. Dranishnikov

- Adrian Christian Stanciu, Diploma de Licenta, 2003, Diploma de Master, 2007, Academia de Studii Economice din Bucuresti-Romania; Diplome D'ingenier, 2009, Diploma de Master, 2010, Universitea din Bucuresti-Romania
 Major: *Geology*
 Dissertation: Seismic Investigations of the Earth's Lithosphere and Asthenosphere in Two Unique Convergent Margin Settings: the Carpathians, Romania, and U.S. Cordillera, Idaho-Oregon
 Dissertation Chair: R. M. Russo
- Heidi N. Steinour, Bachelor of Science in Social Science, 2008, Florida State University; Master of Arts in Sociology, 2012, George Washington University-District of Columbia
 Major: *Sociology*
 Dissertation: What Is an At-Home Father? Connecting Organizational and Personal Narratives to Explore the Experiences of Men Who Are Primary Caregivers
 Dissertation Chair: C. L. Shehan
- Vladimir D. Stozhkov, Diploma, 2007, Moscow State University-Russia
 Major: *Industrial and Systems Engineering*
 Dissertation: Combinatorial Optimization Problems in Network Robustness
 Dissertation Chair: V. L. Boginskiy
- Marina Suzuki, Bachelor of Science in General Science *summa cum laude*, 2008, Doctor of Pharmacy, 2010, Oregon State University
 Major: *Pharmaceutical Sciences*
 Dissertation: Factors Contributing to Variable Drug Response in Nonalcoholic Fatty Liver Disease
 Dissertation Chair: R. F. Frye
- Ida Ellinor Svensson Berglund, Civilingenjorexamen, 2010, Kungliga Tekniska Högskolan-Sweden
 Major: *Materials Science and Engineering*
 Dissertation: Structure-Property Relationships in Bioabsorbable Magnesium Alloys for Oßsteosynthesis
 Dissertation Chair: M. V. Myers
 Dissertation Co-chair: J. Allen
- Brendan Charles Sweeny, Bachelor of Arts in Chemistry, 2009, Saint Anselm College-New Hampshire; Master of Science, 2012, University of Florida
 Major: *Chemistry*
 Dissertation: The Role of Plasmon-Mediated Electron Transfer in Surface Photochemistry
 Dissertation Chair: W. Wei
- Dana Marie Szeles, Bachelor of Science *magna cum laude*, 2007, University of Connecticut at Storrs; Master of Science, 2011, University of Florida
 Major: *Psychology-Clinical and Health Psychology*
 Dissertation: Visuospatial Influences on Emotional Perception: Effects of Spatial Location on Ratings of Emotional Valence
 Dissertation Chair: T. W. Conway
 Dissertation Co-chair: R. M. Bauer
- Robert Douglass Taber, Bachelor of Arts in History, 2007, Brigham Young University-Utah; Master of Arts, 2009, University of Florida
 Major: *History*
 Dissertation: The Issue of Their Union: Family, Law, and Politics in Western Saint-Domingue, 1777 to 1789
 Dissertation Chair: D. P. Geggus
- Masashige Taguchi, Bachelor of Science in Agricultural and Biological Engineering *cum laude*, 2009, University of Florida
 Major: *Agricultural and Biological Engineering*
 Dissertation: Development of Pulse Electrodeposition and Pulse Electropolymerization Techniques for Dopamine Sensing
 Dissertation Chair: E. McLamore
- Yinliang Tan, Bachelor of Engineering, 2009, Tongji University-China; Master of Science, 2010, University of Florida
 Major: *Business Administration-Information Systems and Operations Management*
 Dissertation: Three Essays on the Interface Between Operations and Marketing
 Dissertation Chair: A. A. Paul
 Dissertation Co-chair: J. E. Carrillo

- Weiting Tao, Bachelor of Literature, 2009, Southwest University—China; Master of Arts in Mass Communication, 2011, University of Florida
 Major: *Mass Communication*
 Dissertation: Examining the Roles of Prior Corporate Associations and Attitude Certainty in Consumer Responses to Crises
 Dissertation Chair: M. A. Ferguson
- Oscar Alejandro Tarazona Rey, Titulo de Biologo, 2006, Universidad Industrial de Santander—Colombia
 Major: *Zoology*
 Dissertation: Deconstructing Independent Evolution: A Developmental Approach to the Evolution of Animal Cartilage and Appendages
 Dissertation Chair: M. J. Cohn
- Andrew M. Tarter, Bachelor of Arts, 2004, University of Washington at Seattle; Master of Arts, 2010, University of Florida
 Major: *Anthropology*
 Dissertation: Adaptive Arboreal Practices: Haitian Farmer Responses to On-Going Deforestation
 Dissertation Chair: G. Murray
- Elliot Aaron Tebbe, Bachelor of Arts in Psychology, 2009, University of Wisconsin at Madison; Master of Science, 2011, University of Florida
 Major: *Counseling Psychology*
 Dissertation: Suicide in Trans Populations: An Application of Minority Stress Theory
 Dissertation Chair: B. Moradi
- Laura C. Telepak, Bachelor of Science in Psychology *summa cum laude*, 2010, Miami University—Ohio; Master of Science, 2012, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: Sleep Disturbance as a Predictor for Psychosocial Symptoms Following Surgery for Gynecologic Cancer: A Focus on Intraindividual Variability
 Dissertation Chair: D. B. Pereira
- Evan M. Thatcher, Bachelor of Science, 2008, Haverford College—Pennsylvania; Master of Science, 2010, University of Florida
 Major: *Physics*
 Dissertation: Ultrafast Carrier Dynamics in III-V Semiconductors GaAs and Gap and Optical Properties of Layered Semiconductors MOS and BII and Pyrochloric BITIO and GD (MO1-X TI X) O
 Dissertation Chair: C. J. Stanton
 Dissertation Co-chair: D. B. Tanner
- Jean Mahr Theurer, Bachelor of Arts in Economics, 1979, State University of New York at Stony Brook; Master of Business Administration, 1983, University of Pennsylvania; Master of Education, 2011, Specialist in Education, 2011, University of Florida
 Major: *Counseling and Counselor Education*
 Dissertation: An Inquiry Into the Intergenerational Transmission and Transformation of Financial Capabilities During Marriage
 Dissertation Chair: M. H. Daniels
- Neil B. Thomas Jr., Bachelor of Science in Aerospace Engineering, 1993, Master of Science in Aerospace Engineering, 1996, Virginia Polytechnic Institute and State University; Master Degree, 2007, American Military University—West Virginia
 Major: *Astronomy*
 Dissertation: Effect of Metallicity on Giant Planet and Brown Dwarf Formation
 Dissertation Chair: J. Ge
- Charles S. Thomason, Bachelor of Science in Chemistry, 2010, Georgia Southern University; Master of Science, 2013, University of Florida
 Major: *Chemistry*
 Dissertation: The Development of Cost Efficient Methods to Prepare Building Blocks Bearing the Cf2h and Cf2co2me Moiety
 Dissertation Chair: W. R. Dolbier
- Danielle A. Tolson, Bachelor of Science, 2009, Truman State University—Missouri; Master of Arts, 2011, University of Florida
 Major: *Criminology, Law, and Society*
 Minor: *Organizational Leadership for Nonprofits*
 Dissertation: Reconceptualizing Young Adults' Defiant Responses to Parents, Teachers, Supervisors, and the Police
 Dissertation Chair: L. M. Lanza Kaduce

- Farzaneh Tondnevis, Bachelor of Science, 2009, University of California at Santa Cruz
 Major: *Medical Sciences—Biochemistry and Molecular Biology*
 Dissertation: Structural, Biophysical and Biochemical Studies of Replication Proteins
 Dissertation Chair: L. B. Bloom
 Dissertation Co-chair: R. McKenna
- Juan Carlos Torres, Bachelor of Science, 2008, Master of Science, 2012, University of Florida
 Major: *Mathematics*
 Dissertation: Dynamics of Low and High Pathogenic Avian Influenza in Birds
 Dissertation Chair: M. Martcheva
- Ying-Kuan Tsai, Bachelor of Science, 2003, Chung Cheng Institute of Technology—Taiwan; Master of Science, 2006, National Sun Yat-Sen University—Taiwan
 Major: *Civil Engineering*
 Dissertation: Energy Based Load-Impulse Diagrams for Structural Elements
 Dissertation Chair: T. Krauthammer
- Yu-Hsuan Tsai, Bachelor of Science *cum laude*, 2010, University of Florida
 Major: *Chemistry*
 Dissertation: Metabolomic and Lipidomic Analysis of Skeletal Muscle on Fiber Types, the Effects of Age, Intermittent Feeding, and Treatment with Rapamycin by Ultra-High Performance Liquid Chromatography High Resolution Mass Spectrometry (Uhp-lc-Hrms) and Matrix-Assisted Laser Desorption/Ionization Mass Spectrometric Imaging (Maldi Msi)
 Dissertation Chair: R. A. Yost
- Jianxuan Tu, Bachelor of Engineering, 2010, Southeast University—China
 Major: *Electrical and Computer Engineering*
 Dissertation: *Accurate Non-Contact Measurement of Vital Signs for Human and Animal Using 5.8-Ghz Doppler Radar System*
 Dissertation Chair: J. Lin
- Diana Carolina Vanegas Gamboa, Titulo de Ingeniero de Alimentos, 2010, Universidad Del Valle—Colombia; Master of Science, 2014, University of Florida
 Major: *Agricultural and Biological Engineering*
 Dissertation: Nanomaterial Mediated Biosensors for Agricultural and Food Safety Applications
 Dissertation Chair: E. McLamore
- Lindsay B. Vecchio, Bachelor of Arts in French, 2003, Kalamazoo College—Michigan; Master of Arts, 2008, Eastern Michigan University
 Major: *Curriculum and Instruction*
 Dissertation: Haitian-American Generation 1.5 Students' Experiences Writing in a College Composition Course
 Dissertation Chair: C. A. Harper
- Tania Gabriela Villaseñor Jorquera, Licenciado en Ciencias, Mencion Geologia, 2005, Titulo de Geologa, 2009, Universidad de Chile
 Major: *Geology*
 Dissertation: Continental Margin Strata Formation During the Pleistocene: A Source to Sink Study in Canterbury Basin, South Island of New Zealand
 Dissertation Chair: J. M. Jaeger
- Whitney A. Wall, Bachelor of Science in Sociology, 2002, College of Charleston—South Carolina; Master of Public Health, 2005, University of South Carolina at Columbia; Master of Science, 2013, University of Florida
 Major: *Counseling Psychology*
 Dissertation: Using the Patient-Centered Culturally Sensitive Healthcare Model to Understand Healthcare Satisfaction and Treatment Adherence of Patients at Rural Clinics
 Dissertation Chair: C. M. Tucker
- Lane Ashley Walleit, Artium Baccalaureus *cum laude*, 2006, Mount Holyoke College—Massachusetts
 Major: *Veterinary Medical Sciences*
 Dissertation: The Natural History of Chronic Laminitis: Evidence From the Fossil and Archaeological Record of Equus
 Dissertation Chair: P. W. Davenport
 Dissertation Co-chair: B. J. MacFadden

- Theresa M. Walters, Bachelor of Science in Biology, 2005, Master of Science in Biology, 2008, Central Michigan University
 Major: *Wildlife Ecology and Conservation*
 Dissertation: Understanding Current and Potential Distribution of an Introduced Species, Burmese Pythons,
Python (Molurus) Bivittatus
 Dissertation Chair: F. J. Mazzotti
- Ruoniu Wang, Bachelor of Engineering, 2008, Sichuan University—China; Master of Arts in Urban and Regional Planning,
 2010, University of Florida
 Major: *Design, Construction, and Planning*
 Minor: *Real Estate*
 Dissertation: Tracking Choice in the Housing Choice Voucher Program The Role of Residential Preference in Locational Outcome
 Dissertation Chair: P. D. Zwick
 Dissertation Co-chair: K. E. Larsen
- Ximing Wang, Bachelor of Engineering, 2008, Master of Engineering, 2011, Tsinghua University—China; Master of Science,
 2013, University of Florida
 Major: *Industrial and Systems Engineering*
 Dissertation: Machine Learning Optimization Models with Data Uncertainties
 Dissertation Chair: P. M. Pardalos
- Yifan Wang, Bachelor of Science, 2009, Fudan University—China
 Major: *Computer Engineering*
 Dissertation: Energy Efficient and Thermal-Aware Task Scheduling on Multi-Core Processors
 Dissertation Chair: S. Ranka
- Robert Chad Waters, Bachelor of Science in Chemical Engineering, 2006, University of Florida
 Major: *Pharmaceutical Sciences—Pharmacy*
 Dissertation: A Controlled Release Formulation of a Budesonide Prodrug for Asthma Inhalation Therapy
 Dissertation Chair: G. Hochhaus
- Dayna M. Watson, Bachelor of Science in Psychology, 2005, Vanderbilt University—Tennessee; Master of Education, 2007,
 Auburn University—Alabama
 Major: *Counseling and Counselor Education*
 Dissertation: Perspectives of Working Class Counseling Clients: A Grounded Theory Study
 Dissertation Chair: E. S. Amatea
- Garrett C. Waycaster, Bachelor of Science in Mechanical Engineering *summa cum laude*, 2009,
 Master of Science in Mechanical Engineering, 2010, University of Alabama
 Major: *Mechanical Engineering*
 Dissertation: Modeling and Accounting for Interactions Between Multiple Stakeholders in Design Optimization
 Dissertation Chair: R. T. Haftka
 Dissertation Co-chair: N. H. Kim
- Joseph Paul Weakland, Bachelor of Arts in English *magna cum laude*, 2007, Master of Arts in English, 2010,
 Florida Gulf Coast University
 Major: *English*
 Dissertation: Composing Futurity: Writing Technologies, Ecology, and Science Fiction
 Dissertation Chair: S. I. Dobrin
- Lai Wei, Bachelor of Science, 2007, Peking University—China; Master of Science in Engineering, 2009,
 University of Michigan at Ann Arbor
 Major: *Industrial and Systems Engineering*
 Dissertation: Stochastic Optimization and Control with Applications in PHEV and Inventory Management
 Dissertation Chair: Y. Guan
- Thomas Alexander Weppelmann, Bachelor of Health Science *cum laude*, 2008, Master of Public Health, 2009, University
 of Florida
 Major: *Public Health*
 Dissertation: Public Health in the Time of Cholera: Environmental Surveillance and Investigation of Cholera Prevention and
 Treatment Strategies During the Great Haitian Epidemic
 Dissertation Chair: A. Ali

Sarah Renee Werner, Bachelor of Arts, 2005, Warren Wilson College—North Carolina

Major: *Religion*

Dissertation: *Caring for the Land: An Analysis of North American Mennonite Environmental Initiatives*

Dissertation Chair: A. Peterson

Matthew Lawrence Williams, Bachelor of Science in Biology *summa cum laude*, 2009, West Virginia University

Major: *Medical Sciences - Immunology and Microbiology*

Dissertation: *Ylm: a Novel Component of the Streptococcus Mutans Signal Recognition Particle Pathway*

Dissertation Chair: L. J. Brady

Reynolds Everett Wilson, Bachelor of Arts in Psychology *magna cum laude*, 2010, Clemson University—South Carolina;

Master of Education, 2013, University of Florida

Major: *School Psychology*

Dissertation: *Early Identification of Young Children with Problem Behavior: Teacher Estimation of Risk and Ratings of Behavior*

Dissertation Chair: T. M. Smith-Bonahue

Russell W. Winkel, Bachelor of Science in Chemistry, 2010, University of Wisconsin at Stevens Point

Major: *Chemistry*

Dissertation: *Look Into the Light: Tuning Platinum Acetylide Complexes for Enhanced Photophysical Properties*

Dissertation Chair: K. S. Schanze

Yang Wu, Master of Statistics, 2011, University of Florida

Major: *Statistics*

Dissertation: *Bayesian Inference with Composite Likelihoods*

Dissertation Chair: M. Ghosh

Yung-Chien Wu, Bachelor of Science, 2005, Chang Gung University—Taiwan; Master of Science in Applied Chemistry,

2007, National Chiao Tung University—Taiwan; Master of Science, 2010, University of Florida

Major: *Chemistry*

Dissertation: *The Design, Synthesis, and Application of Organometallic Precursors for Electron Beam-Induced Deposition (EBID) and Surface Plasmon-Mediated Chemical Solution Deposition (SPMCSD)*

Dissertation Chair: L. A. McElwee-White

Cheng Xu, Bachelor of Science in Chemical Materials Science and Engineering, 2007, University of California at Davis;

Master of Science in Mechanical Engineering, 2009, San Jose State University—California; Master of Science,

2011, University of Florida

Major: *Materials Science and Engineering*

Dissertation: *Fabrication of Nanostructure with Ultra-High Density*

Dissertation Chair: M. R. Davidson

Dissertation Co-chair: K. J. Ziegler

Kaihe Xu, Bachelor of Engineering, 2010, Nanjing University of Posts and Telecommunications—China;

Master of Science in Electrical Engineering, 2012, Illinois Institute of Technology

Major: *Electrical and Computer Engineering*

Dissertation: *Secure Collaborative Machine Learning in Big Data Systems*

Dissertation Chair: Y. Fang

Jiani Yang, Bachelor of Agronomy, 2007, Shandong Agriculture University—China; Master of Science, 2011,

Nanjing Agricultural University—China

Major: *Plant Molecular and Cellular Biology*

Dissertation: *Embryo Lethal Pastid Translation Mutants and Their Genetic Suppressors in Maize*

Dissertation Chair: D. R. McCarty

Rachel Madeleine Adele Yon, Bachelor of Arts in Political Science, 2001, Florida International University; Juris Doctor *cum laude*,

2004, Master of Arts, 2007, University of Florida

Major: *Political Science*

Dissertation: *“Lip Service” for Girls: Policy Implementation and the Juvenile Justice System*

Dissertation Chair: S. D. Austin

- Hyesoo Yoo, Bachelor of Music, 1994, The Catholic University—South Korea; Master of Arts in Music, 1998, Syracuse University—New York; Master of Arts in Music, 2003, Florida State University
 Major: *Music Education*
 Dissertation: The Effects of Sequential Vocal Improvisation Instruction on Students' Harmonic Identification Skill
 Dissertation Chair: R. L. Robinson
- Youngmin Yoon, Bachelor of Physical Education, 2008, Seoul National University—South Korea; Master of Science, 2010, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Psychological and Sociocultural Adaptation of International Students Through Sport Spectatorship: A Mixed Method Approach
 Dissertation Chair: M. Sagas
- Shaon Yousuf, Bachelor of Science in Electrical and Electronic Engineering, 2005, Ahsanullah University of Science and Technology—Bangladesh; Master of Science, 2009, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Design Automation for Partially Reconfigurable FPGAs: Design Flows, Tools and Architectures
 Dissertation Chair: A. M. Gordon-Ross
- Hyeonggeun Yu, Bachelor of Science in Engineering, 2008, Master of Science in Materials Science and Engineering, 2010, Yonsei University—South Korea
 Major: *Materials Science and Engineering*
 Dissertation: Vertical Organic Thin Film Transistors Fabricated by Perforated Metallic Electrodes
 Dissertation Chair: F. F. So
- Ze Yu, Bachelor of Engineering, 2008, Northeastern University—China; Master of Engineering, 2011, Tsinghua University—China; Master of Science, 2014, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Toward Software-Defined Big Data Processing Systems
 Dissertation Chair: X. Li
- 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
- Erin Elizabeth Zavitz, Bachelor of Arts in History, 2002, Earlham College School of Religion—Indiana; Master of Arts, 2006, University of New Mexico
 Major: *History*
 Dissertation: Revolutionary Memories: Celebrating and Commemorating the Haitian Revolution
 Dissertation Chair: D. P. Geggus
- Steven M. Zehnder, Bachelor of Science in Mechanical Engineering *cum laude*, 2010, Master of Science, 2014, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: The Cell as a Pump: Multicellular Fluid Balance in Epithelial Monolayers
 Dissertation Chair: T. E. Angelini
- Hui Zeng, Bachelor of Science in Pharmaceutical Business Management, 2002, China Pharmaceutical University; Master of Science, 2009, University of Central Florida
 Major: *Biostatistics*
 Dissertation: Graphical Approaches to Multiple Testing Within 2X2 Factorial Designs
 Dissertation Chair: S. S. Wu
 Dissertation Co-chair: J. A. Kairalla
- Tesfalem Rezene Zere, Bachelor of Science, 2003, University of Asmara—Eritrea; Master of Science, 2010, Ben-Gurion University of The Negev—Israel; Master of Science, 2011, Texas State University at San Marcos
 Major: *Microbiology and Cell Science*
 Dissertation: Genomic Targets and Features of the Signal Transduction Systems BarA-UvrY / BarA-SirA of *Escherichia coli* / *Salmonella enterica* serovar Typhimurium
 Dissertation Chair: T. Romeo

- Feng Zhang, Bachelor of Engineering, 2009, Beijing Institute of Technology—China; Master of Science, 2011, University of Florida
 Major: *Chemical Engineering*
 Dissertation: The Adsorption and Reaction Characteristics of Alkanes and Carbon Monoxide on Palladium Oxide Surfaces
 Dissertation Chair: J. F. Weaver
- Lisha Zhang, Bachelor of Economics, 2004, Bachelor of Arts in Economics, 2004, China Agricultural University;
 Bachelor of Arts in Economics, 2004, University of Colorado at Denver; Master of Science in
 Agricultural Economics, 2008, University of Kentucky; Master of Science in Agriculture and Applied
 Economics, 2010, University of Illinois at Urbana at Champaign
 Major: *Food and Resource Economics*
 Dissertation: The Role of Domestic Production in Import Demand Analysis
 Dissertation Chair: J. L. Seale
 Dissertation Co-chair: C. B. Moss
- Tao Zhang, Bachelor of Engineering, 2004, Master of Engineering, 2007, Xi'an Jiaotong University—China; Master of Science,
 2014, University of Florida
 Major: *Biomedical Engineering*
 Dissertation: Diffuse Optical Tomography and Its Applications to Epilepsy Research
 Dissertation Chair: H. Jiang
- Xiaochen Zhang, Bachelor of Arts, 2010, Beijing Foreign Studies University—China; Master of Arts in Mass Communication,
 2012, University of Florida
 Major: *Mass Communication*
 Dissertation: Issues Management as a Proactive Approach to Crisis Communication: Consumers' Cognitive Dissonance and
 Self-Affirmation in Times of Corporate Crisis
 Dissertation Chair: S. K. Kioussis
- Kun Zhao, Bachelor of Science in Economics *cum laude*, 2009, Master of Arts in Mathematics, 2010, American University—
 District of Columbia; Master of Science, 2013, Master of Science, 2014, University of Florida
 Major: *Industrial and Systems Engineering*
 Dissertation: Mixed Integer Programming Approaches to 0-1 Knapsack Problems and Unified Stochastic and Robust
 Optimization on Wind Farm Investment
 Dissertation Chair: J. C. Hartman
 Dissertation Co-chair: Y. Guan
- Pan Zheng, Bachelor of Natural Science, 2008, University of Science and Technology of China
 Major: *Physics*
 Dissertation: Study of Normal and Superfluid ^3He Films with Micro-Electro-Mechanical Devices
 Dissertation Chair: Y. Lee
- Xi Zheng, Bachelor of Engineering, 2005, Tongji University—China; Master of Science, 2011, Master of Science, 2014,
 University of Florida
 Major: *Civil Engineering*
 Dissertation: An Integrated Infrastructure Engineering Decision-Making Procedure: A Finance-Based Fuzzy Time-Cost-Quality
 Trade-Off Optimization Model Over the Project Life Cycle
 Dissertation Chair: R. D. Ellis
- Xiao Zheng, Bachelor of Engineering, 2010, Xi'an Jiaotong University—China; Master of Science in Environmental
 Horticulture Science, 2012, New York University
 Major: *Public Health*
 Dissertation: Modulation of Influenza Antiviral Infectivity and Toll-Like Receptor Activity by Single-Walled Carbon Nanotubes
 with Distinct Electronic Structures
 Dissertation Chair: T. L. Sabo-Attwood
- Xiaofeng Zhou, Bachelor of Agriculture, 2008, Jilin University—China; Master of Agriculture, 2011, China Agricultural University
 Major: *Microbiology and Cell Science*
 Dissertation: Regulation of HRP/HRC Type III Secretion System in *Xanthomonas citri*
 Dissertation Chair: N. Wang
- Yifan Zhu, Bachelor of Science, 2008, Fudan University—China; Master of Science, 2010, University of Calgary—Canada
 Major: *Biostatistics*
 Dissertation: Statistical Considerations in Modeling Infectious Disease Surveillance Data
 Dissertation Chair: I. M. Longini

DOCTOR OF EDUCATION

Jamey Bolton Burns, Bachelor of Arts in Education *cum laude*, 2001, Master of Education, 2002, University of Florida

Major: *Curriculum and Instruction*

Dissertation: Coach's Impact on Early Learning Teachers' Class Scores

Dissertation Chair: D. D. Ross

Brian Soyung Heglund, Bachelor of Arts in Philosophy, 1999, Master of Arts, 2003, Emory University—Georgia

Major: *Curriculum and Instruction*

Dissertation: Using Computer-Assisted Argumentation Mapping to Develop Effective Argumentation Skills in High School
Advanced Placement Physics

Dissertation Chair: P. Antonenko

Katherine J. Kellen, Bachelor of Arts in English Secondary Education *summa cum laude*, 1994, College of New Jersey;
Master of Arts in Literature, 1995, American University—District of Columbia

Major: *Curriculum and Instruction*

Dissertation: Using Procedural Scaffolds, with and without Interactivity, to Support the Self-Regulation of Learning in
Community College Online Composition Students

Dissertation Chair: P. Antonenko

Michael Fan-Chun Kung, Bachelor of Science *cum laude*, 2005, Master of Arts in Education, 2008, University of Florida

Major: *Curriculum and Instruction*

Dissertation: Self-Reported Experiences of Chinese Students with Online Learning in the U.S.

Dissertation Chair: S. Kumar

Jessica L. Levene, Bachelor of Science in Elementary Education *summa cum laude*, 2009, Master of Arts, 2011,
University of Central Florida

Major: *Curriculum and Instruction*

Dissertation: Implementation of Cloud-Computing in a K-12 School District: Early Adoption and Use

Dissertation Chair: K. M. Dawson

Thomas J. Logan, Bachelor of Arts in Fine Arts, 2003, Master of Business Administration, 2006, Kent State University—Ohio

Major: *Curriculum and Instruction*

Dissertation: An Investigation of Twitter Interactions Amongst Newly Admitted College Students at a Large Public Institution

Dissertation Chair: S. Kumar

Charles Martin Jr., Bachelor of Arts in History, 2005, Master of Arts in Education, 2006, Georgia State University

Major: *Curriculum and Instruction*

Dissertation: Teaching Vocabulary Development Using Interactive Whiteboards to Third Grade ELL Students in the United
Arab Emirates

Dissertation Chair: S. Kumar

Dissertation Co-chair: M. R. Coady

Rachael Murphy, Bachelor of Education, 2006, Brock University—Canada; Master of Education, 2006,
Memorial University of Newfoundland—Canada

Major: *Curriculum and Instruction*

Dissertation: Faculty Integration of Technology Into Professional Practice at a Canadian Community College

Dissertation Chair: S. Kumar

Kathryn Kornmayer Pritchard, Bachelor of Arts in German, 1995, Loyola College—Maryland; Master of Arts, 1999,
Master of Education, 2012, University of Florida

Major: *Curriculum and Instruction*

Dissertation: Understanding Teacher and Student Use of iPads: A Case Study

Dissertation Chair: K. M. Dawson

Melissa Emily Rizzuto, Bachelor of Arts in Broadcasting, 2003, Temple University—Pennsylvania;
Master of Science in Communication, 2004, Florida State University

Major: *Curriculum and Instruction*

Dissertation: Design and Evaluation of Self-Paced Online Faculty Development

Dissertation Chair: S. Kumar

Christine J. Rogers, Bachelor of Science in Elementary Education, 2002, Valley Forge Christian College—Pennsylvania;
Master of Education, 2009, Pennsylvania State University

Major: *Curriculum and Instruction*

Dissertation: Exploring Relationships Among Sixth Graders Online Information Seeking Effectiveness, Epistemic Metacognition,
and Prior Knowledge in a Science Classroom

Dissertation Chair: P. Antonenko

Karen Janel Dondzila Williams, Bachelor of Science, 2004, Southeastern University—Florida; Master of Science, 2011,
Hood College—Maryland

Major: *Curriculum and Instruction*

Dissertation: Understanding Self-Regulated Learning in an Elementary Computer Supported Collaborative Learning
Environment

Dissertation Chair: P. Antonenko

DOCTOR OF AUDIOLOGY

Elizabeth Claire Aitken
Kwan Yee Keri Fung
Jennifer A. Henderson Sabes

Beverly A. Huff
Arooj A. Majeed

Susan Carol Tassin
Celina Ann Tobias-Grasso
June Hiu Ching Tung

DOCTOR OF NURSING PRACTICE

Mary Weaver Briganti
Linda D. Fuschini
Cecilia M. Langford

Christina Maria Linares Grainger
Linda Joyce Mays

Carolyn F. O'Malley
Gerard Marcel Rhodes
Marina Helene Trevisani

DOCTOR OF PHARMACY

Christiana C. Abara
Nahla Saleh Alabbas
Mary G. Awadallah
Bernard Okyere Boateng
Andrew Scot Buchanan
Stephanie Gail Carlin
Umesh K. Chaudhary
Pauline Anna D'Chiutiis
Lauren McKenzie Downing
Eric J. Ebacher
Shaimaa El-Gendy
Wael Ramadan Elbaramawi
Alisha Yarborough Epperson
Angela M. Febles
Maria Teresa Ficano

Annette Marie Figueroa
Leonard Alex Graham
Judy Ramona Groth
Hani Ali-Abdo Hussein
Jacqueline T. Johnson
Emily Catherine Johnston
Toufic Emile Khoury
Hyun Sook Kim
Juno Kim
Mona Kwong
Christopher L. Lacey
Holly Smith Lang
Jennie Lee
Elediths G. Lopez
Lydia Masny

Biji Rose Mathew
Maria Del Carmen Moure
Chineze Vivian Ndulue-Ossai
Carolyn M. O'Donnell
Maryam Panahi
George Yaw Piasare
Akaraporn Sakhakorn
Michael Paul Simpson
Martha B. Tumban-Mba
Osvaldo Vidal
Kimberly Jean Viersma
Melanie C. Williams
Marilyn S. Yassa
Samantha J. Yau
Justine N. Young

DOCTOR OF PHYSICAL THERAPY

Jean F. Mader

Frank Ngo

Jennifer Lynn Wait

DOCTOR OF PLANT MEDICINE

Alicyn N. Ryan



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 12 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.

UF

2015 SUMMER
COMMENCEMENT

Diplomas

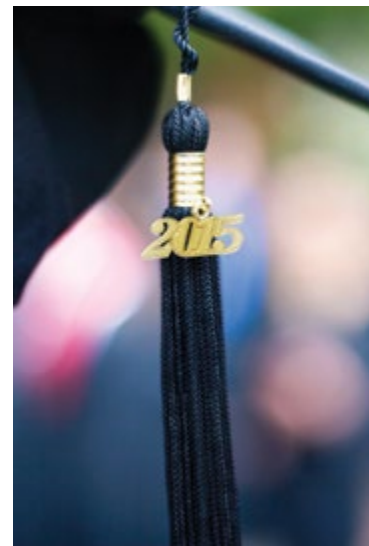
Diplomas will be mailed to the graduate's permanent home mailing address in September 2015.

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 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 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. 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 created by scientific research.

The following tassel colors are specific to the University of Florida:

Agriculture and Life Sciences; Forest Resources and Conservation – Maize

Arts – Brown

Audiology – Colonial Blue

Business Administration; Accounting – Drab

Dentistry – Lilac

Design, Construction and Planning; Building Construction – Blue Violet

Education – Light Blue

Engineering – Orange

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