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

On 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
PHOTOGRAPHS — The university requests that all commencement guests remain in their seats while taking photographs; no guests are permitted in the graduates' seating area. Photographs of the graduates as they cross the stage are available through companies that have contracts with the university. Color photographs are available from University Photography, PO Box 2454, Tuscaloosa, AL 35403-2454, 205-391-9500.
Commencement Agenda – August 7, 2015, 4:00 p.m.

Presiding ................................................................................................................................. W. Kent Fuchs
President

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
Dean, Graduate School

Conferring of Doctoral Degrees ....................................................................................... Anita G. Zucker
Member, UF Board of Trustees

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.bsd.ufl.edu/bookstore. The commencement program can be ordered online with an additional charge for shipping and handling.

THE UNIVERSITY OF FLORIDA encourages you to add #UFGrad to your commencement-related conversations and images on social media. Select tweets will be featured on the video boards prior to and after the ceremony.

THE PRE-COMMENCEMENT MOVIES titled "Dream Machine" and "Voyage to Tomorrow" were created by the staff and students of the UF Digital Worlds Institute with original music by resident composer James Oliverio. For more information on these movies, which are available on DVD, please visit the institute’s website at www.digitalworlds.ufl.edu.
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.
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


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 Ankaamah 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 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 Electronics  
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 Chair: M. Heesacker

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 Terbia 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 Asymmetricion 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: Intermarriage 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 Cenicas, 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-I 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 Macroyclic 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 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 Polylefins via Acyclic Diene Metathesis (ADMET)
Dissertation Chair: K. B. Wägner
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

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

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 Ghebreghiorgis, 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 Dihydropyrans
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 Ciencias Biologicas, 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

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

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

Christian 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

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

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 Polytechnical 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

Jihe 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 Sergeyevich 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 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 Proanthocyanidins
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 *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 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 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 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 Chair: L. E. Sjoberg
Jonathan Martin, Bachelor of Science in Microbiology cum laude, 2009, University of South Florida
Major: Microbiology and Cell Science
Dissertation: GltP 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 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;
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 Ghebreigiabiher 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 Chair: M. E. Swisher


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. Nortey, 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 Trienic ONO3-Pincer Ligand: Towards the Stabilization of High-Spin Square-Planar Complexes
Dissertation Chair: A. S. Veige


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, Pontifica 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, Titulo 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 Chair: K. G. Rice
Dissertation Co-chair: R. D. Duffy

Gonzalo Francisco Rivas Torres, Licenciado en Ciencias Biologicas, 2006, Pontificia Universidad Catolica del Equador; 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


**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: Antigliycemic 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 Chair: D. P. Arnold

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 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 Sihi, 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 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 Biologia, 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, Academia de Studii Economice din Bucuresti—Romania; Diplome D’ingenier, 2009, 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, Civilingenjorsexamen, 2010, Kungliga Tekniska Höögskolan—Sweden

**Major:** Materials Science and Engineering

**Dissertation:** Structure-Property Relationships in Bioabsorbable Magnesium Alloys for Osteosynthesis

**Dissertation Chair:** M. V. Myers

**Dissertation Co-chair:** J. Allen

Brendan Charles Sweeney, 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 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 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. Thomoson, 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 (UHplc-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 Wallett, 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: Ylxm: 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 (SPMCSRD)
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


Major: Political Science
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 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. Kiousis

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 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

- Major: Curriculum and Instruction
- Dissertation: Coach’s Impact on Early Learning Teachers’ Class Scores
- Dissertation Chair: D. D. Ross

Brian Soyoung Heglund, Bachelor of Arts in Philosophy, 1999, Master of Arts, 2003, Emory University—Georgia
- Major: Curriculum and Instruction
- 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 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

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

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**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-Gendi
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

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**Doctor of Physical Therapy**

Jean F. Mader

Frank Ngo
Jennifer Lynn Wait

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**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 lifelong 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.

**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
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