

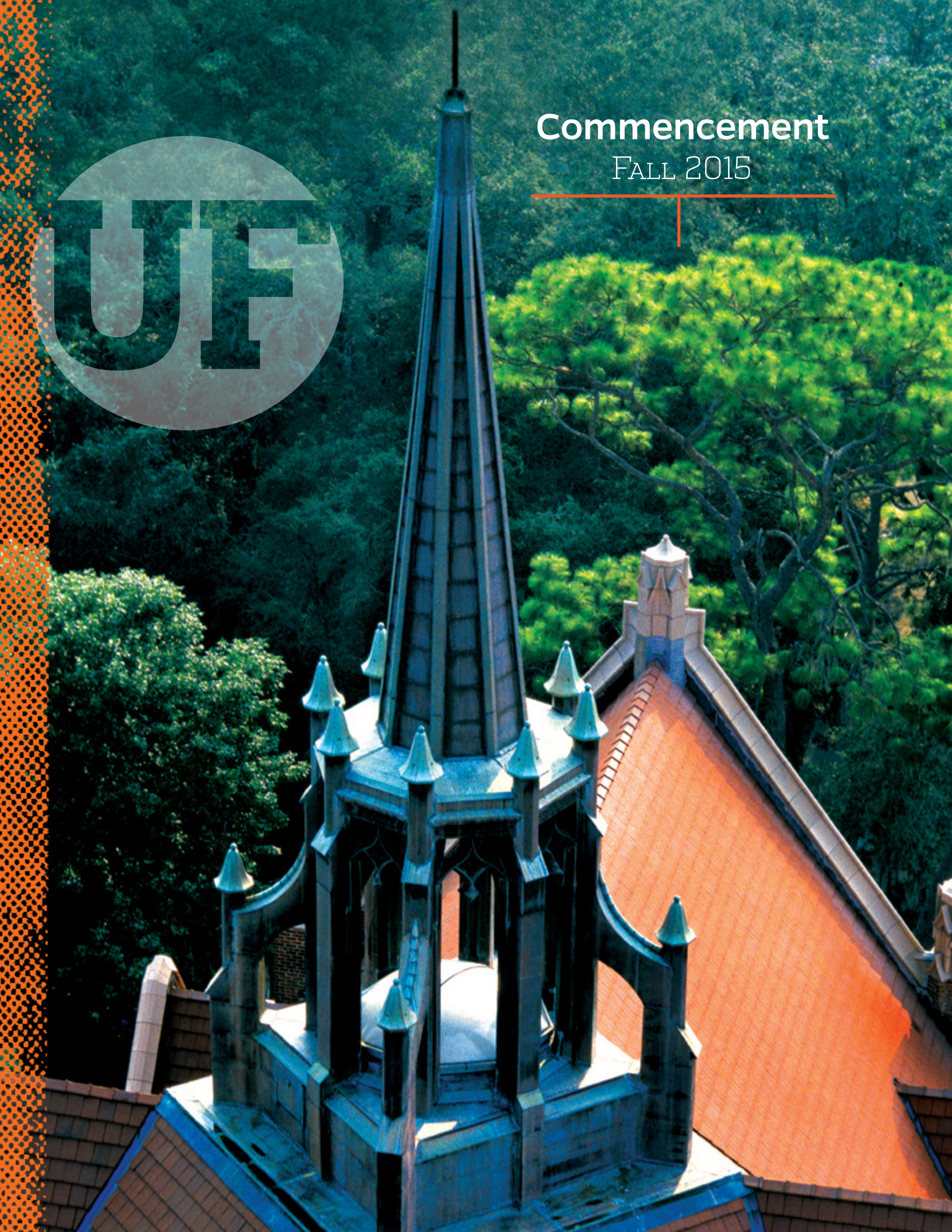
# Commencement

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



Commencement  
FALL 2015

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# University of Florida President

## Dr. W. Kent Fuchs

Dr. W. Kent Fuchs became the University of Florida's 12<sup>th</sup> 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 Fuchs family has 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

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

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

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

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

Good luck, best wishes, and Go Gators!

W. Kent Fuchs

# University of Florida Leadership

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## STATE BOARD OF EDUCATION

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**Rebecca Fishman Lipsey**  
**Michael Olenick**  
**Andy Tuck**

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**Daniel Doyle Jr.**  
**Patricia Frost**  
**Tonnette Graham**  
**H. Wayne Huizenga Jr.**  
**Ned C. Lautenbach**  
**Alan Levine**  
**Wendy Link**  
**Edward Morton**  
**Katherine M. Robinson**  
**Norman D. Tripp**

## UNIVERSITY OF FLORIDA BOARD OF TRUSTEES

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**Christopher T. Corr**  
**Paul W. Davenport**  
**Charles B. Edwards**  
**James W. "Bill" Heavener**  
**Rahul Patel**  
**Joselin Padron-Rasines**  
**Jason J. Rosenberg**  
**Robert G. Stern**  
**Anita G. Zucker**

## PRESIDENT AND VICE PRESIDENTS OF THE UNIVERSITY

**W. Kent Fuchs, Ph.D.**  
*President*

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

**David S. Guzick, M.D.**  
*Senior Vice President - Health Affairs*

**Jack Payne, Ph.D.**  
*Senior Vice President - Agriculture and Natural Resources*

**Charles E. Lane, D.P.A.**  
*Senior Vice President and Chief Operating Officer - Administration*

**Jane Adams, B.S.**  
*Vice President - University Relations*

**Elias G. Eldayrie, M.B.A.**  
*Vice President and Chief Information Officer - Information Technology*

**Zina Evans, Ph.D.**  
*Associate Provost and Vice President - Enrollment Management*

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

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

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

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

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

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

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

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## DEANS OF THE UNIVERSITY

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

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

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

**A. Isabel Garcia, D.D.S.**  
*College of Dentistry*

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

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

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

**Henry T. Frierson, Ph.D.**  
*Graduate School*

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

**Nick Place, Ph.D.**  
*IFAS Extension*

**Jacqueline Burns, Ph.D.**  
*IFAS Research*

**Leonardo Villalón, Ph.D.**  
*International Center*

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

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

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

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

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

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

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

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

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

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



# Commencement Agenda – Friday, December 18, 4:00 p.m.

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Presiding .....	W. Kent Fuchs <i>President</i>
Processional.....	Gainesville Brass Quintet
National Anthem.....	Anthony Offerle Gainesville Brass Quintet
Welcome and Introductions.....	W. Kent Fuchs
Awarding of Honorary Degrees .....	W. Kent Fuchs
Presented by.....	Joseph Glover <i>Provost and Senior Vice President for Academic Affairs</i>
Doctor of Science Presented to.....	Phillip Frost, M.D. <i>Miami, FL</i>
Doctor of Law Presented to.....	Henry P. Trawick, Jr. <i>Sarasota, FL</i>
Commencement Address .....	Pamela Soltis <i>Distinguished Professor and Curator Florida Museum of Natural History</i>
Presenting Candidates for Doctoral Degrees .....	Paul Duncan <i>Associate Dean, Graduate School</i>
Conferring of Doctoral Degrees .....	W. Kent Fuchs
Alma Mater .....	Anthony Offerle Gainesville Brass Quintet
Recessional.....	Gainesville Brass Quintet
Postlude .....	Gainesville Brass Quintet



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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 their 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](http://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](http://www.digitalworlds.ufl.edu).

## Honorary Degree – Doctor of Science

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### Dr. Phillip Frost

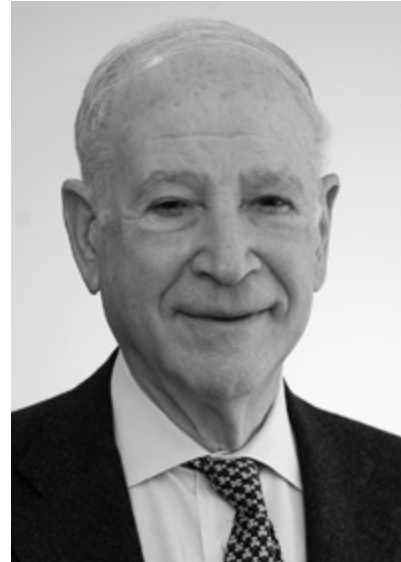
Dr. Phillip Frost is chairman and CEO of OPKO Health Inc., a multinational biopharmaceutical and diagnostics company headquartered in Miami. He also is chairman of the board of directors of Teva Pharmaceutical Industries Ltd., an international pharmaceutical company based in Petah Tikva, Israel, specializing in generic and proprietary pharmaceuticals and active pharmaceutical ingredients.

Dr. Frost was born in Philadelphia, where he attended public schools. He earned his B.A. in French Literature from the University of Pennsylvania in 1957, and his M.D. from the Albert Einstein College of Medicine in 1961. He served as lieutenant commander, U.S. Public Health Service at the National Cancer Institute from 1963 to 1965, after which he joined the dermatology faculty at the School of Medicine of the University of Miami. Dr. Frost then served as chairman of the Department of Dermatology at Mount Sinai Medical Center of Greater Miami from 1970 through 1990. During this time, he did landmark research on multiple diseases of the skin, including psoriasis, ichthyoses and basal cell cancer, among others, that led to improved treatment of these conditions.

From 1987 to 2006, Dr. Frost served as chairman of the board of directors and CEO of IVAX Corp., a global pharmaceutical company that helped the generic drug industry bring medicines to the public at a reduced cost. Today, 84 percent of all prescriptions are filled with generic medications, and Dr. Frost's leadership and foresight helped make this possible. When IVAX merged with Teva Pharmaceutical Industries Ltd, Dr. Frost served as vice chairman of the board and later chairman. He also was chairman of the board of directors of Key Pharmaceuticals Inc. from 1972 until it was acquired by Schering Plough Corp. in 1986.

Dr. Frost was co-vice chairman of the board of governors of the American Stock Exchange from 2005 to 2008, and is chairman of the board of Ladenburg Thalmann Financial Services.

Dr. Frost is a former chairman of the board of trustees of the University of Miami where he still



serves as a trustee. He also is a trustee of the Mount Sinai Medical Center. He has served as a trustee of The Scripps Research Institute and as a regent of the Smithsonian Institution. In 2010, Dr. Frost was nominated as a member of the Scientific Advisory Council of the Foundation for Development of the Center of Research and Commercializing of New Technologies in Russia. Most recently, he was appointed as a founding member of the Scientific Governance Board of the Shanghai Institute for Advanced Immunochemical Studies.

Dr. Frost was appointed by former President Ronald Reagan to the National Cancer Advisory Board and by former President Bill Clinton to the National Museum Service Board. Ernst & Young named him a National Entrepreneur of the Year in 2001. In 2014, Dr. Frost was a recipient of the Ellis Island Medal of Honor.

Dr. Frost is a generous supporter of education, science and technology, and the arts. After his gift in 2003, the largest ever given to a university-based music school, the University of Miami named the school the Phillip and Patricia Frost School of Music. Also in 2003, after his gift to the Art Museum at Florida International University, the museum was named The Patricia & Phillip Frost Art Museum. Most recently, he provided a major gift for the construction of the new Miami Science Museum, which will be named the Patricia & Phillip Frost Science Museum. The Frosts generously gave their 113-piece collection of American abstract art to the Smithsonian Institution in 1986.



## Honorary Degree – Doctor of Law

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### Henry P. Trawick, Jr.

Henry Trawick Jr. was born in Baltimore on July 20, 1926. He graduated from H. B. Plant High School in Tampa in 1944 and went into the Army Air Force near the end of WWII. When he completed his service, he attended North Carolina State College for two years before transferring to the University of Florida, where he graduated in September 1950 with a law degree. He worked as a claims adjuster for approximately one year before beginning to practice law in Lakeland. He moved to Sarasota in 1956 and continued to practice law there.

Mr. Trawick was the Sarasota County School Board attorney from 1960 to 1965, and in 1967 was appointed to the Florida Law Revision, where he served as chairman from 1969 to 1972. He also served on the Legislative Lay Advisory Committee on the Mechanics Lien Law that rewrote the Florida Construction Lien Law and on the Uniform Probate Code Study Commission, where he served as chairman and rewrote probate statutes.

He served on several Florida Bar committees, including Unauthorized Practice of Law, Continuing Legal Education, Appellate Rules and Civil Procedure Rules. He was chairman of the Judicial Administrative Rules and Florida Court Rules committees. Mr. Trawick also was appointed to the Supreme Court Document Retention Committee.

Mr. Trawick was admitted to the bar of the United States Supreme Court, Courts of Appeals of the 5<sup>th</sup> and 12<sup>th</sup> circuits and the District Courts for the Northern, Middle and Southern districts of Florida.

He wrote Trawick's Florida Practice and Procedure (1973), Law Office Administration (1977), Trawick's Florida Practice and Procedure Forms (1991) and Trawick on Redfearn, Wills and Administration of Estate in Florida (1999). He also wrote a number of articles for magazines on professional subjects and taught at a large number of seminars throughout the state.



Mr. Trawick represented Ringling Brothers Circus and Mrs. Charles Ringling's trustee for a number of years before succeeding him as a trustee. He engaged in a large litigation, probate, real estate and general civil matters practice.

# Commencement Speaker

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## Pamela S. Soltis

Pamela S. Soltis is a distinguished professor and curator of molecular systematics and evolutionary genetics in the Florida Museum of Natural History at the University of Florida. She received a B.A. from Central College in Pella, Iowa, and the Ph.D. from the University of Kansas. She joined the UF faculty in 2000, after 14 years at Washington State University.

Professor Soltis's research is motivated by her passion for biodiversity, especially plants. She uses genomic methods and computational modeling to understand patterns and processes of plant evolution and to identify conservation priorities. Much of her current work focuses on plant diversity and conservation in Florida, but her research has taken her throughout the United States, Canada, Costa Rica, New Caledonia, Spain, China and Brazil, where she presents her research at both national and international conferences. She is the author of nearly 400 publications, including seven books. Her work is funded by the National Science Foundation.

Professor Soltis is a dedicated teacher and mentor at the undergraduate, graduate and postdoctoral levels. At UF, she is director of the Biodiversity Initiative and a member of the graduate council, the Genetics Institute's Executive Committee and other committees.



She has served her profession as president of the Botanical Society of America and the Society of Systematic Biologists, a council member of the American Society of Plant Taxonomists and the Society for the Study of Evolution, and an associate editor of numerous journals. She has received several awards for her contributions to the study of plant diversity, most notably the International Prize in Botany and the Asa Gray Award, both jointly with her husband, UF Distinguished Professor Douglas E. Soltis. She also is the recipient of the Botanical Society of America's top honor, its Merit Award.



## UF Graduate School

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



### Doctor of Philosophy

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

### Doctor of Education

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

### Doctor of Audiology

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

### Doctor of Plant Medicine

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

### Doctor of Physical Therapy

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

### Doctor of Nursing Practice

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

# GRADUATE SCHOOL

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

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## DOCTOR OF PHILOSOPHY

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- A.B.M. Abdullah, Bachelor of Science in Civil Engineering, 2006, Bangladesh University of Engineering and Technology;  
Master of Science in Civil Engineering, 2010, University of Akron–Ohio  
Major: *Civil Engineering*  
Dissertation: A Tendon Monitoring Framework for Unbonded Post-tensioned Bridges Based on Anchor Strain Response  
Dissertation Chair: J. A. Rice
- Nikita Agarwal, Bachelor of Engineering, 2005, University of Mumbai–India; Master of Science, 2008, University of Florida  
Major: *Biomedical Engineering*  
Dissertation: Novel Combination Multimodality System Using <sup>1</sup>H Magnetic Resonance Spectroscopy and Hyperspectral Imaging to Study Hemoglobin Saturation and Tissue Metabolism in the Window Chamber Model  
Dissertation Chair: P. R. Carney
- Akhil Raj Ahir, Bachelor of Engineering in Metallurgical Engineering, 2008, Punjab Engineering College–India;  
Master of Science, 2010, University of Florida  
Major: *Chemistry*  
Dissertation: Structural Analysis of Heterostructured Core-Shell Prussian Blue Analogues to Study Interfacial Synergistic Effects in Thermal Expansion  
Dissertation Chair: D. R. Talham
- Sungjin Ahn, Bachelor of Engineering, 2008, Keimyung University–South Korea; Master of Science, 2011, University of Florida  
Major: *Civil Engineering*  
Dissertation: Using Building Information Modeling (BIM) in Construction Worker Safety Training  
Dissertation Chair: C. R. Glagola
- Wajiha Z. Akhtar, 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
- Mohamad Hammam Alsafrjalani, Bachelor of Science in Computer Engineering, 2007, New Jersey Institute of Technology;  
Master of Science, 2011, University of Florida  
Major: *Electrical and Computer Engineering*  
Dissertation: Dynamic Scheduling for Configurable Heterogeneous Embedded Systems  
Dissertation Chair: A. M. Gordon-Ross
- Jacqueline K. Amorim, Bachelor of Arts in English, 2007, Stetson University–Florida; Master of Arts, 2010, University of Florida  
Major: *English*  
Dissertation: Bittersweet Empire: Latin American Commodities in Nineteenth-Century British Literature and Culture  
Dissertation Chair: P. K. Gilbert
- Naween Anand, Bachelor of Technology in Engineering Physics, 2008, Indian Institute of Technology at Bombay–India  
Major: *Physics*  
Dissertation: Characterization of Electronic Systems Through Optical and Transport Techniques  
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
- Boaz Anglade, Bachelor of Arts in Economics, 2009, Florida International University; Master of Arts in Business Economics, 2010, University of South Florida  
Major: *Food and Resource Economics*  
Dissertation: Gender Inequality in Asset Wealth, Poverty and Coping Strategies to Shocks in Ecuador  
Dissertation Chair: C. D. Deere
- Roger Quarles Austin III, Bachelor of Arts, 1979, Juris Doctor, 1982, Master of Arts, 2002, University of Florida  
Major: *Political Science*  
Dissertation: Patterns of Failure-Rethinking Campaign Finance Reform What Went Wrong?  
Dissertation Chair: D. A. Smith  
Dissertation Co-chair: L. C. Dodd
- Fikret Aydemir, Bachelor of Science, 1999, Master of Science, 2004, Ankara University—Turkey  
Major: *Medical Sciences – Genetics*  
Dissertation: Intracellular Trafficking of AAV2 Capsid Mutants and Effects on Gene Expression  
Dissertation Chair: N. Muzycka
- Fatma Ayhan, Bachelor of Science, 2010, Bilkent University—Turkey  
Major: *Medical Sciences – Genetics*  
Dissertation: Repeat Associated Non-AtG (RAN) Translation in Spinocerebellar Ataxia Type 8  
Dissertation Chair: L. P. Ranum
- Melissa Marie Bahamonde, Bachelor of Arts with high honors, 2004, California State University at San Bernardino;  
Master of Education, 2008, University of Florida  
Major: *School Psychology*  
Dissertation: Examining Cultural Competence in School Psychology Practice  
Dissertation Chair: N. L. Waldron
- Amal Mohamed Gamal Eldin Bakry, Bachelor of Commerce and Business Administration, 1990, Helwan University—Egypt;  
Master of Arts in Advertising, 2003, Michigan State University  
Major: *Mass Communication*  
Dissertation: Co-Branded Diplomacy: A Case Study of the British Council's Branding of Darwin Now in Egypt  
Dissertation Chair: W. M. Wanta
- 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
- Katherine Barko-Alva, Bachelor of Arts, 2004, Master of Education, 2009, University of Florida  
Major: *Curriculum and Instruction*  
Dissertation: A Dual Language Teacher's Understanding of Academic Language in a Language Arts Classroom  
Dissertation Chair: E. J. De Jong
- Blanca Sofia Beas, Bachelor of Science in Psychology *cum laude*, 2009, University of Texas at El Paso  
Major: *Medical Sciences – Neuroscience*  
Dissertation: The Role of Cortical Inhibition in Age-Related Executive Function Decline  
Dissertation Chair: J. L. Bizon
- Garrett Freeman Beatty, Bachelor of Science *cum laude*, 2005, University of Florida; Master of Education in Curriculum and  
Instruction, 2007, University of Missouri at Columbia; Master of Science, 2011, University of Florida  
Major: *Health and Human Performance*  
Dissertation: Emotion Regulation Strategies Influence Goal Directed Motor Actions and Gaze Behavior  
Dissertation Chair: C. M. Janelle

- Di Bei, Bachelor of Science, 2007, Sichuan University—China; Master of Science in Pharmaceutical Sciences, 2009, University of Missouri at Kansas City; Master of Science in Pharmaceutical Sciences, 2013, Ohio State University  
 Major: *Pharmaceutical Sciences – Pharmacy*  
 Dissertation: Pharmacokinetics and Tissue Distribution of 5,7-Dimethoxyflavone in Mice  
 Dissertation Chair: H. C. Derendorf
- Michael Ankamah Bekoe, Bachelor of Science in Civil Engineering, 2005, Kwame Nkrumah University of Science and Technology—Ghana; Master of Science, 2012, University of Florida  
 Major: *Civil Engineering*  
 Dissertation: Interstitial Component Characteristics and Its Effects on Mixture Properties  
 Dissertation Chair: R. Roque
- Matthew J. Bellman, Bachelor of Science in Mechanical Engineering *magna cum laude*, 2011, Master of Science, 2013, University of Florida  
 Major: *Mechanical Engineering*  
 Dissertation: Control of Cycling Induced by Functional Electrical Stimulation: A Switched Systems Theory Approach  
 Dissertation Chair: W. E. Dixon
- Olufemi Daniel Bolarinwa, Bachelor of Agriculture, 2006, Federal University of Agriculture—Nigeria; Master of Science, 2011, University of Delaware  
 Major: *Food and Resource Economics*  
 Dissertation: Agricultural Commercialization and Food Security in Sub-Saharan Africa  
 Dissertation Chair: C. B. Moss
- David Borrego, Bachelor of Science in Nuclear Engineering *cum laude*, 2010, Master of Science, 2012, University of Florida  
 Major: *Biomedical Engineering*  
 Dissertation: In-Clinic Assessment of Organ Doses for Fluoroscopically Guided Interventional Procedures  
 Dissertation Chair: W. E. Bolch
- Michelle Suzanne Bousquet, Bachelor of Science in Biological Sciences, 2009, Bachelor of Science in Chemistry, 2009, Florida Atlantic University  
 Major: *Pharmaceutical Sciences – Medicinal Chemistry*  
 Dissertation: Characterization of Natural Products and Genes in Cytoprotective and Oncogenic Pathways Using Complementary *in Vitro* and *in Vivo* Model Systems  
 Dissertation Chair: H. Luesch
- Lorna Norman Bracewell, Bachelor of Arts, 2005, Flagler College—Florida; Master of Arts, 2012, University of Florida  
 Major: *Political Science*  
 Dissertation: Beyond Barnard: Feminism, Liberalism, and the Sex Wars  
 Dissertation Chair: D. O'Neill
- Jacqueline M. Branyon, Bachelor of Science in Civil Engineering *cum laude*, 2010, Master of Engineering, 2012, University of Florida  
 Major: *Coastal and Oceanographic Engineering*  
 Dissertation: Mixing and Transport in a Fringing Reef Lagoon  
 Dissertation Chair: A. Valle-Levinson  
 Dissertation Co-chair: M. Olabarrieta Lizaso
- William L. Brooks, Bachelor of Science in Polymer Science *magna cum laude*, 2010, University of Southern Mississippi  
 Major: *Chemistry*  
 Dissertation: Preparation and Characterization of Novel Boronic Acid Containing Macromolecules and a Competitive Binding Study of Various Boronic Acids Over a Wide pH Range  
 Dissertation Chair: B. S. Sumerlin
- Amy L. Brown, Bachelor of Science in Microbiology, 2002, University of Arkansas at Fayetteville; Master of Science, 2008, University of Vermont  
 Major: *Religion*  
 Dissertation: With Child: Pregnancy and the Balance of Autonomy and Dependence  
 Dissertation Chair: A. Peterson  
 Dissertation Co-chair: A. W. Sanford

- Amy L. Brown, Bachelor of Science in Chemistry with high honors, 1996, Michigan State University; Master of Science in Geology, 2010, Sul Ross State University—Texas  
 Major: *Geology*  
 Dissertation: Spring Reversals in Two Cave Systems in Northern Florida: Effects on Aquifer Oxidation State, Trace Metal Mobility, and Carbonate Mineral Solubility  
 Dissertation Chair: J. B. Martin
- Michael Donald Bumbach, Bachelor of Science, 2001, Master of Science in Nursing, 2004, Johns Hopkins University—Maryland  
 Major: *Nursing Sciences*  
 Minor: *Policy/Management in Healthcare Systems*  
 Dissertation: Nurse Practitioner Gender Differences to Job Satisfaction and the Intrinsic and Extrinsic Concepts  
 Dissertation Chair: B. A. Weber
- Lucas Caire da Silva, Bacharel em Quimica, 2011, Universidade Estadual de Campinas—Brazil; Master of Science, 2014, University of Florida  
 Major: *Chemistry*  
 Dissertation: Effect of Chain Branching on the Thermal Properties and Molecular Dynamics of Precision Polyolefins  
 Dissertation Chair: K. B. Wagener
- June Omadela Carrington, Bachelor of Arts in Anthropology *summa cum laude*, 2007, 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
- Seda Çekli, Lisans, 2008, Yuksek Lisans, 2011, Istanbul Technical University—Turkey  
 Major: *Chemistry*  
 Dissertation: Triplet State Properties of Pi-Conjugated Donor-Acceptor-Donor Chromophores  
 Dissertation Chair: K. S. Schanze
- Shin-Wen Chang, Bachelor of Science in Pharmacy, 2006, Kaohsiung Medical University—Taiwan  
 Major: *Pharmaceutical Sciences*  
 Dissertation: Pharmacogenomics of Antihypertensive Treatment-Related Glucose Dysregulation and Potential Underlying Mechanism  
 Dissertation Chair: R. M. Dehoff  
 Dissertation Co-chair: J. A. Johnson
- Suzanne Coatoam Chapman, Bachelor of Arts in Education, 1999, Master of Education, 2000, Specialist in Education, 2005, University of Florida  
 Major: *Curriculum and Instruction*  
 Dissertation: Disciplinary Literacy: A Study of the Cognitive, Social, and Semiotic Practices of Disciplinary Experts  
 Dissertation Chair: Z. Fang
- Eduardo Francisco Chavez, Titulo de Ingeniero Agropecuario, 2009, La Escuela Superior Politecnica del Litoral—Ecuador  
 Major: *Soil and Water Science*  
 Dissertation: Enrichment of Cadmium in Cacao Growing Soils in Southern Ecuador: Chemical Characterization and Soil Amendments as Remediation Alternatives  
 Dissertation Chair: Z. He  
 Dissertation Co-chair: R. S. Mylavarapu
- Xiao Chen, Bachelor of Science, 2010, Nanjing University—China  
 Major: *Physics*  
 Dissertation: Schottky Barrier Field Effect Transistors Using Highly Purified Carbon Nanotubes and Graphene as Field Permeable Electrodes  
 Dissertation Chair: A. G. Rinzler
- Zhe Chen, Bachelor of Science, 2009, Beijing Normal University—China  
 Major: *Statistics*  
 Dissertation: Inference for the Number of Topics in the Latent Dirichlet Allocation Model via Bayesian Mixture Modelling  
 Dissertation Chair: J. Doss



- Zhichao Chen, Bachelor of Science, 2010, Shandong University—China; Master of Science, 2012, University of Florida  
 Major: *Mechanical Engineering*  
 Dissertation: Densification Evolution and Properties Evaluation of  $UO_2$ -Based Composites Prepared by Spark Plasma Sintering  
 Dissertation Chair: G. Subhash
- Teng-Hu Cheng, Bachelor of Science in Engineering, 2007, Master of Science, 2009, National Taiwan University; Master of Science, 2013, University of Florida  
 Major: *Mechanical Engineering*  
 Dissertation: Lyapunov-Based Switched Systems Control  
 Dissertation Chair: W. E. Dixon
- Elio Chiarelli Jr., Bachelor of Science in Agricultural Education and Extension, 2005, Pennsylvania State University at College Park; Master of Science, 2007, University of Florida  
 Major: *Agricultural Education and Communication*  
 Dissertation: The Hardiness of Successful Agricultural Entrepreneurs in the State of Florida  
 Dissertation Chair: H. S. Carter
- Kwansun Cho, Bachelor of Engineering, 1996, Kwandong University—South Korea; Master of Engineering in Electrical and Computer Engineering, 1999, Yonsei University—South Korea; Master of Science, 2003, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Minor: *Communication Sciences and Disorders*  
 Dissertation: START4k: A Computer Assisted Pronunciation Training System  
 Dissertation Chair: J. G. Harris
- Baeck Choi, Bachelor of Science in Chemical Engineering, 2004, Sungkyunkwan University—South Korea; Master of Science in Chemical and Biological Engineering, 2006, Seoul National University—South Korea  
 Major: *Chemical Engineering*  
 Dissertation: Surface Plasmon Resonance Based on Optical Discs and Silica Microsphere Monolayer  
 Dissertation Chair: P. Jiang
- 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
- Tathagata Chowdhury, Bachelor of Science, 2007, Jadavpur University—India; Master of Science in Physics, 2009, Indian Institute of Technology at Kanpur—India  
 Major: *Physics*  
 Dissertation: A Study of Quantum Phase Transitions in Quantum Impurity Systems  
 Dissertation Chair: J. K. Ingersent
- Charles Rodbourn Cook, Bachelor of Science in Aerospace Engineering *summa cum laude*, 2009, Bachelor of Science in Mechanical Engineering *cum laude*, 2009, Master of Science, 2011, University of Florida  
 Major: *Aerospace Engineering*  
 Dissertation: Development of a General Thermodynamically Consistent Projection Method for the Navier-Stokes Equations and Its Application to Compressible Natural Convection of Real Fluids  
 Dissertation Chair: J. N. Chung  
 Dissertation Co-chair: S. Balachandar
- Justin J. Coran, Bachelor of Arts, 2006, Master of Arts, 2009, Master of Public Health, 2011, University of Florida  
 Major: *Sociology*  
 Dissertation: Using Conjoint Analysis to Estimate Patients' Selection Preferences for Hospitals and Surgeons  
 Dissertation Chair: T. M. Koropecjy-Cox
- Stefan Craciun, Bachelor of Science in Electrical Engineering *cum laude*, 2006, Master of Science, 2008, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: FPGA Architecture for Real-Time Information Extraction and Feature-Based Classification in Image Processing  
 Dissertation Chair: A. D. George  
 Dissertation Co-chair: J. C. Principe

Timothy Aaron Crombie, Bachelor of Science in Biology, 2004, Arizona State University at Tempe

Major: *Zoology*

Dissertation: Interactive Effects of Multiple Stressors on Fitness and Gene Expression

Dissertation Chair: D. Julian

Wei Dai, Bachelor of Natural Science, 2004, University of Science and Technology—China; Master of Natural Science, 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

Francisco Delgado, Bachelor of Engineering, 2008, Florida International University

Major: *Biomedical Engineering*

Dissertation: Neurological Disease and Drug Delivery: How Structure Influences Treatment Strategies

Dissertation Chair: P. R. Carney

Qi Deng, Bachelor of Engineering, 2009, Shanghai Jiao Tong University—China; Master of Science, 2015, University of Florida

Major: *Computer Engineering*

Dissertation: New Optimization Methods and Formulations for Supervised Learning

Dissertation Chair: A. Rangarajan

Dissertation Co-chair: A. Banerjee

Natali Victoria Di Russo, Titulo de Licenciada en Ciencias Quimicas, 2010, Universidad de Buenos Aires—Argentina

Major: *Chemistry*

Dissertation: Dynamic Processes in Proteins: Ligand Diffusion and pH-Dependent Conformational Changes

Dissertation Chair: A. E. Roitberg

Angela Spence Diggs, Bachelor of Science in Aerospace Engineering *summa cum laude*, 2005, Mississippi State University; Master of Science in Aerospace Engineering, 2007, Georgia Institute of Technology

Major: *Aerospace Engineering*

Dissertation: Methods for Computing Eulerian-Lagrangian Two-Phase Flow

Dissertation Chair: S. Balachandar

Daniel P. Dixon, Bachelor of Science, 2009, University of Florida

Major: *Microbiology and Cell Science*

Dissertation: Carbonic Anhydrase Expression and Localization in the Alimentary Canal, Reproductive Tissues, and Nervous System of *Aedes Aegypti*

Dissertation Chair: P. J. Linser

Phillip Alexander Doerfler, Bachelor of Science in Biology, 2010, Hillsdale College—Michigan

Major: *Medical Sciences – Genetics*

Dissertation: Molecular Approaches to Induce Immune Tolerance and Phenotypic Correction for Pompe Disease

Dissertation Chair: B. J. Byrne

James Michael Dominguez II, Bachelor of Science in Health and Sport Studies, 2003, Master of Science in Exercise and Health Studies, 2005, Miami University—Ohio

Major: *Medical Sciences – Physiology and Pharmacology*

Dissertation: Potential Therapeutic Interventions for Diabetic Microvascular Complications

Dissertation Chair: M. A. Grant

Joseph Stephen DuChene, Bachelor of Science in Forest Resources and Conservation *cum laude*, 2007, University of Florida

Major: *Chemistry*

Dissertation: Plasmon-Enhanced Photoelectrochemical Cells for Solar-to-Fuel Energy Conversion

Dissertation Chair: W. Wei

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

- Caroline A. Efstathion, Bachelor of Science in Biology, 2002, Master of Science in Biological Sciences, 2011, Florida Atlantic University  
Major: *Entomology and Nematology*  
Dissertation: Improving Conservation and Reproductive Success of Cavity Nesting Birds by the Use of Insecticides to Control Hematophagous Arthropods and Nest Site Competing Social Hymenoptera  
Dissertation Chair: W. H. Kern
- Johannes Michael Eichholz, Diplom-Physiker, 2009, Leibniz Universität—Germany  
Major: *Physics*  
Dissertation: Heterodyne Interferometry Assisted Laser Frequency Stabilization for Measuring Coating Brownian Noise at Cryogenic Temperatures  
Dissertation Chair: G. Mueller
- Maha Adel Elbadry, Bachelor of Science, 2004, Cairo University—Egypt  
Major: *Public Health*  
Dissertation: Epidemiology of Malaria Transmission and Drug Resistance in Haiti  
Dissertation Chair: B. A. Okech  
Dissertation Co-chair: J. B. Dame
- César Gabriel Escobar-Viera, Doctor en Medicina y Cirugia, 1997, Universidad Nacional de Asuncion—Paraguay;  
Master of Public Health, 2011, University of Florida  
Major: *Health Services Research*  
Dissertation: Assessing the Impact of Depressive Symptoms on the Intention to Use mHealth Interventions Among People Living With HIV and Participating in the Florida Health Cohort  
Dissertation Chair: J. S. Harman
- Ilan Eskinazi, Bachelor of Science in Mechanical Engineering *summa cum laude*, 2010, Master of Science, 2012, University of Florida  
Major: *Mechanical Engineering*  
Dissertation: Simultaneous Prediction of Muscle and Knee Contact Forces  
Dissertation Chair: B. J. Fregly
- John Eric Ezell, Bachelor of Science in Forest Management, 2008, Bachelor of Science in Geosciences *magna cum laude*, 2008, Master of Science in Geosciences, 2010, Mississippi State University  
Major: *Geology*  
Dissertation: Carbonate Dissolution Rates and Volumes in Changing Aqueous Settings  
Dissertation Chair: J. B. Martin
- Jeffrey Robert Fedenko, Bachelor of Science in Psychology *cum laude*, 2009, Bachelor of Science in Biology *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
- Xi Feng, Bachelor of Engineering, 2010, Hohai University—China; Master of Science, 2013, University of Florida  
Major: *Coastal and Oceanographic Engineering*  
Dissertation: Storm Induced Semidiurnal Perturbations to Surges on the U.S. Eastern Seaboard  
Dissertation Chair: M. Olabarrieta Lizaso
- Norma C. Flor, Titulo de Ingeniero Agronomo, 1998, Universidad Nacional de Colombia; Master of Science, 2009, University of Florida  
Major: *Agronomy*  
Minor: *Plant Pathology*  
Dissertation: Genetic Analysis of Large Patch Disease in Zoysiagrass  
Dissertation Chair: K. E. Kenworthy
- Alicia Diana Forster, Bachelor of Arts in Political Science, 2006, Bachelor of Arts in History, 2006, College of Charleston—South Carolina; Master of Arts in Political Science, 2008, University of Arizona at Tucson; Master of Arts, 2013, University of Florida  
Major: *Political Science*  
Dissertation: American Political Behavior and the Role of Religious Context  
Dissertation Chair: D. A. Smith  
Dissertation Co-chair: K. D. Wald

- Jeffrey M. Fortin, Bachelor of Arts in Communication Arts, 2003, Xavier University—Ohio  
Major: *Medical Sciences – Neuroscience*  
Dissertation: Transplantation of Defined Populations of Differentiated Human Neural Stem Cell Progeny  
Dissertation Chair: B. A. Reynolds
- David A. Fox, Bachelor of Arts, 1977, Thiel College—Pennsylvania; Master of Forest Science, 1978, Duke University—North Carolina  
Major: *Forest Resources and Conservation*  
Dissertation: *Sabal Palmetto* Investigating the Ecological Importance of Florida's State Tree  
Dissertation Chair: M. G. Andreu
- Taylor William Gaines, Bachelor of Science in Chemistry *cum laude*, 2011, University of South Carolina at Columbia  
Major: *Chemistry*  
Dissertation: Oxidized Sulfur Functionalized Polymers via ADMET Polymerization  
Dissertation Chair: K. B. Wagener
- John Jairo Garcia Ocampo, Titulo de Quimico, 2006, Universidad Del Valle—Columbia; Master of Science, 2012, University of Florida  
Major: *Chemistry*  
Dissertation: Polyesters From Biorenewable Sources via Ester Interchange  
Dissertation Chair: S. A. Miller
- Taryn Marie Garlock, Bachelor of Science *cum laude*, 2011, University of Florida  
Major: *Fisheries and Aquatic Sciences*  
Dissertation: An Integrative Approach to Evaluating Fisheries Enhancement in Florida  
Dissertation Chair: K. Lorenzen  
Dissertation Co-chair: C. M. St Mary
- Keegan D. Gay, Bachelor of Science in Animal Science *cum laude*, 2009, University of Kentucky; Master of Science in Animal Science, 2012, Purdue University at West Lafayette—Indiana  
Major: *Agricultural Education and Communication*  
Dissertation: The Effect of Education Experience and Critical Thinking Style on Individual Innovativeness in Extension Programming  
Dissertation Chair: J. N. Rumble
- Samson L. Ghebremariam, Bachelor of Arts in Statistics and Demography, 2006, University of Asmara—Eritrea; Master of Science in Statistics, 2011, University of Texas at El Paso  
Major: *Biostatistics*  
Dissertation: Bayesian Computational Methods for Joint Modeling of Survival and Longitudinal Data for Infectious Diseases  
Dissertation Chair: I. M. Longini  
Dissertation Co-chair: Y. Yang
- Michael A. Gil, Bachelor of Science in Biology, 2008, University of Texas at Austin  
Major: *Zoology*  
Dissertation: Context Dependence in Effects of Nutrient Enrichment on Tropical Coral Reefs  
Dissertation Chair: C. W. Osenberg
- Oscar Ernesto Gonzalez Medina, Titulo de Biologo, 1994, Universidad Nacional Agraria La Molina—Peru; Titulo de Master en Gestion De La Biodeversidad en Los Tropicos, 2004, Universidad San Pablo—Spain; Magister en Zoologia con Mencion en Ecologia y Conservacion, 2004, University Nacional Mayor de San Marcos—Peru  
Major: *Interdisciplinary Ecology*  
Dissertation: Bird-Flowering Plant Networks in Andean Montane Forests  
Dissertation Chair: B. A. Loiselle
- Justin Andrew Goodwin, Bachelor of Science in Chemistry, 2009, Furman University—South Carolina  
Major: *Chemistry*  
Dissertation: Diastereoselective Synthesis of Substituted Tetrahydropyrans and 1,3 Dioxanes via Gold (I) Catalysis  
Dissertation Chair: A. Aponick

- Kathryn Frances Graham, Bachelor of Science in Mechanical Engineering *cum laude*, 2008, Master of Science, 2010, University of Florida  
Major: *Aerospace Engineering*  
Dissertation: Trajectory Optimization of Low-Thrust Orbit Transfers  
Dissertation Chair: A. Rao
- Justin R. Grant, Bachelor of Arts *summa cum laude*, 2010, State University of New York at Purchase; Master of Arts, 2012, University of Florida  
Major: *English*  
Dissertation: Queer Theory and America's Revolutionary Crisis  
Dissertation Chair: J. R. Schorb
- Uriah M. 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 Uriah Greene, Bachelor of Arts in Biology, 2004, Earlham College—Indiana; Master of Science in Forest Resources, 2009, University of Georgia  
Major: *Wildlife Ecology and Conservation*  
Dissertation: Conservation of Fox Squirrels in Florida  
Dissertation Chair: R. A. McCleery
- Corey Rachele Gros, Bachelor of Science in Chemistry, 2009, University of Montevallo—Alabama  
Major: *Chemistry*  
Dissertation: Growth and Photomagnetic Properties of Nano and Mesoscale Coordination Polymer Heterostructures  
Dissertation Chair: D. R. Talham
- David C. Guglielmo, Bachelor of Science in Mechanical Engineering, 2010, Master of Science in Mechanical Engineering, 2012, Rensselaer Polytechnic Institute—New York  
Major: *Aerospace Engineering*  
Dissertation: Spatio-temporal Atmospheric Density Forecasting for Drag-Based Propellant-less Spacecraft Maneuvering: Theory and Mission Design  
Dissertation Chair: R. Bevilacqua
- Sungur Gurel, Lisans Diploması, 2007, Istanbul University—Turkey; Master of Arts in Education, 2012, University of Florida  
Major: *Research and Evaluation Methodology*  
Minor: *Statistics*  
Dissertation: Dealing With Selection Bias in Multilevel Observational Studies: An Evaluation of Propensity Score and Direct Estimation Procedures  
Dissertation Chair: W. L. Leite
- Ana Maria Hagan-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
- 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 to Tell Your Story." The Problematization of Quality in Early Childhood Programs: Black Directors' Perspectives  
Dissertation Chair: K. M. Kemple
- 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

- Kimberly Elizabeth Hawkins, Bachelor of Science in Psychology *cum laude*, 2009, Texas A&M University at College Station  
 Major: *Medical Sciences – Neuroscience*  
 Dissertation: Effect of Post-ischemic Activation and Enhancement of the Lipoxin A<sub>4</sub> Resolution Pathway in a Rat Model of Ischemic Stroke  
 Dissertation Chair: E. J. Candelario Jalil
- Nia Aisha Haynes, Bachelor of Science, 2005, University of Florida; Master in Education, 2010, Florida Atlantic University  
 Major: *Wildlife Ecology and Conservation*  
 Dissertation: Minority Underrepresentation in Natural Resource and Conservation Careers: Assessing Student Barriers and Opportunities Using Social Cognitive Career Theory  
 Dissertation Chair: S. Jacobson
- Yunseon Heo, Bachelor of Engineering, 2010, Ajou University—South Korea; Bachelor of Science, 2010, Illinois Institute of Technology; Master of Science, 2013, University of Florida  
 Major: *Materials Science and Engineering*  
 Dissertation: Thermo-Responsive Self-Healing Polymers and Carbon Fiber Reinforced Self-Healing Composites  
 Dissertation Chair: H. Sodano
- Tomas Houba, Bachelor of Science in Aerospace Engineering *cum laude*, 2008, Master of Science, 2011, University of Florida  
 Major: *Aerospace Engineering*  
 Dissertation: Numerical Simulation of Dielectric Barrier Discharge Plasma Actuators  
 Dissertation Chair: S. Roy
- Diedre Faith Houchen, Bachelor of Science, 2005, Master of Arts in Education, 2010, University of Florida  
 Major: *Curriculum and Instruction*  
 Dissertation: The Transcendent Pedagogy of Lincoln High School, 1921-1955: The Aims, Pursuits, and Professional Development of African American Educators During De Jure Segregation  
 Dissertation Chair: D. D. Ross  
 Dissertation Co-chair: S. G. Terzian
- Pei-wen Huang, Bachelor of Science in Agriculture, 2006, National Taiwan University; Master of Science, 2009, University of Florida  
 Major: *Agricultural Education and Communication*  
 Minor: *Horticultural Sciences*  
 Dissertation: Predicting Support of Locally Grown Food in the General Public in Taiwan Using Awareness of Food Insecurity Issues  
 Dissertation Chair: A. J. Lamm
- Yuanyuan Huang, Bachelor of Science, 2008, Wuhan University—China; Master of Science, 2011, Chinese Academy of Sciences—China  
 Major: *Soil and Water Science*  
 Dissertation: Terrestrial Soil Nitrous Oxide Emissions and Responses of Carbon Cycling to Drought  
 Dissertation Chair: S. Gerber
- Jooyun Hwang, Bachelor of Arts, 2000, Ewha Womans University—South Korea; Master of Arts in Journalism, 2002, University of Missouri at Columbia  
 Major: *Mass Communication*  
 Dissertation: The Interplay Effects of Crisis Type, Responses, and Medium on Stakeholders' Affect, Reputation, Attitudes, and Behavioral Intentions for Product Recall Crises  
 Dissertation Chair: S. K. Kioussis
- Jin Sook Im, Bachelor of Arts, 2006, Daejin University—South Korea; Master of Arts, 2009, University of Texas at Austin  
 Major: *Mass Communication*  
 Dissertation: Exploring New Contingent Condition of Agenda Setting: How Inconsistency Influences Issue Salience, Attribute Salience, Attitude Strength, and Attitude Polarization  
 Dissertation Chair: W. M. Wanta
- Nadine Isaac, Bachelor of Science in Psychology *magna cum laude*, 2008, Master of Arts, 2010, Andrews University—Michigan  
 Major: *Counseling and Counselor Education*  
 Dissertation: The Traumatic Impact of Community Violence Exposure on Primary School Children in Trinidad and Tobago  
 Dissertation Chair: S. L. Smith

- Tyler Patrick Jacoby, Bachelor of Science in Horticulture, 2009, Florida Southern College; Master of Science, 2012, University of Florida  
 Major: *Horticultural Sciences*  
 Minor: *Plant Pathology*  
 Dissertation: Improving the Efficacy of Methyl Bromide Alternatives for Vegetable Production in Florida  
 Dissertation Chair: N. S. Boyd  
 Dissertation Co-chair: G. E. Vallad
- 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
- Rosalyn D. Johnson, Bachelor of Arts in Environmental Science, 1987, Oberlin College—Ohio; Master of Forest Science, 1992, Yale University—Connecticut  
 Major: *Wildlife Ecology and Conservation*  
 Dissertation: Wild Bee Diversity on North Central Florida Produce Farms: Interactions of Wild Bees With Landscape, Farm Vegetation, and Flower Pollens  
 Dissertation Chair: K. E. Sieving
- 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
- Patrice Dionne Jones, Bachelor of Arts in Political Science, 2005, University of Pittsburgh—Pennsylvania; Master of Public Health, 2007, University of Florida  
 Major: *Health Services Research*  
 Dissertation: An Evaluation of the Factors Impacting the Mode of Obstetric Delivery in Florida  
 Dissertation Chair: A. G. Hall
- Margaret Hannum Jossi, Bachelor of Arts in Education *cum laude*, 2001, Master of Education, 2002, University of Florida  
 Major: *Special Education*  
 Dissertation: Investigating Pedagogical Questioning Practices and Student Responses in Inclusive Elementary Mathematics Classrooms  
 Dissertation Chair: C. C. Griffin  
 Dissertation Co-chair: J. Gagnon
- Yeun Ji Jung, Bachelor of Science, 2007, Korea Advanced Institute of Science and Technology—South Korea; Master of Science, 2009, University of Illinois at Urbana-Champaign  
 Major: *Statistics*  
 Dissertation: Convergence Analysis of Markov Chain Monte Carlo Algorithms for Bayesian Regression Models With Non-Gaussian Errors  
 Dissertation Chair: J. P. Hobert
- 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

- Ramkrishna Kandel, Bachelor of Agriculture, 2005, Tribhuvan University–Nepal; Master of Science, 2011, Michigan State University  
 Major: *Horticultural Sciences*  
 Dissertation: Inheritance of Serpentine Leafminer (*Liriomyza trifolii*) Resistance Gene, Identification of Quantitative Trait Loci for Flowering Time and Plant Height Traits in Romaine Lettuce Cultivar Valmaine  
 Dissertation Chair: H. Lu
- Daesung Kang, Bachelor of Engineering, 2004, Master of Engineering, 2007, Korea University–South Korea; Master of Science in Electrical Engineering, 2008, Washington University in St. Louis–Missouri; Master of Science, 2011, University of Florida  
 Major: *Biomedical Engineering*  
 Dissertation: Network Analysis of Neural Activity  
 Dissertation Chair: M. Ding
- Tsung-Sheng Kang, Bachelor of Science, 2007, National Cheng Kung–Taiwan; Master of Science, 2011, University of Florida  
 Major: *Chemical Engineering*  
 Dissertation: Reliability Study of AlGaIn/GaN High Electron Mobility Transistor by Thermal Simulation and Sub-Bandgap Optical Pumping  
 Dissertation Chair: F. Ren
- Stefan J. Kelly, Bachelor of Science in Mechanical Engineering, 2011, University of Southern Maine; Master of Science, 2013, University of Florida  
 Major: *Materials Science and Engineering*  
 Dissertation: Nanoparticle Systems in Medical Diagnostics and Electrical Device Fabrication  
 Dissertation Chair: J. Andrew
- Brenden Edward Kennedy, Bachelor of Arts in Social Science, 2008, Stetson University–Florida; Master of Arts, 2011, University of Florida  
 Major: *History*  
 Dissertation: The Yazoo Land Sales: Slavery, Speculation, and Capitalism in the Early American Republic  
 Dissertation Chair: S. P. Adams
- Mitra Bahadur Khadka, Master of Science, 2006, Tribhuvan University–Nepal; Master of Science in Geology, 2010, Bowling Green State University–Ohio  
 Major: *Geology*  
 Dissertation: Hydrogeological Controls on Groundwater Surface Water Exchange and Solute Cycling and Fluxes in a Karst River System  
 Dissertation Chair: J. B. Martin
- Muhammed Salah Uddin Khan, Doctor of Veterinary Medicine, 2002, Master of Science, 2004, Bangladesh Agricultural University  
 Major: *Public Health*  
 Dissertation: Avian Influenza Viruses in Bangladesh from 2007-2012: Determining Risk, Distribution, and the Effectiveness of Interventions to Improve Public Health  
 Dissertation Chair: S. Liang
- Robert McReynolds Kidd, Bachelor of Science in Mechanical Engineering *magna cum laude*, 2011, Master of Science, 2013, University of Florida  
 Major: *Mechanical Engineering*  
 Dissertation: Genetic Multi-model Fault-Tolerant Control of an Over-Actuated Autonomous Vehicle Under Known and Unknown Faults  
 Dissertation Chair: C. D. Crane
- Hankook Kim, Bachelor of Science in Chemical Engineering, 2005, Master of Science in Chemical Engineering, 2007, Seoul National University–South Korea  
 Major: *Chemical Engineering*  
 Dissertation: Aerosol-Assisted Chemical Vapor Deposition of Tungsten Oxide for Buffer Layers of Organic Electronics  
 Dissertation Chair: T. J. Anderson
- Hany Kim, Master of Tourism, 2008, Sejong University–South Korea  
 Major: *Health and Human Performance*  
 Dissertation: Brand Extension in Destination Management: A Case of Jeju Island  
 Dissertation Chair: S. O. Stepchenkova



- Jong Cheol Kim, Bachelor of Science, 2007, Hongik University—South Korea; Master of Engineering, 2010, Korea University—South Korea  
 Major: *Materials Science and Engineering*  
 Dissertation: Processing and Characterization of Diamond Surfaces for Wafer Bonding Applications  
 Dissertation Chair: R. K. Singh
- Seo Young Kim, Bachelor of Science in Chemical and Biological Engineering, 2004, Master of Science in Chemical and Biological Engineering, 2006, Seoul National University—South Korea  
 Major: *Chemical Engineering*  
 Dissertation: Study of Homogeneous Thermal Decomposition of Tungsten Precursors for MOCVD Using in Situ Raman Spectroscopy and Computational Chemistry  
 Dissertation Chair: T. J. Anderson
- Sungsik Kim, Bachelor of Engineering, 2002, Kyung Hee University—South Korea; Master of Science, 2011, University of Florida  
 Major: *Mechanical Engineering*  
 Dissertation: Kinetic Study of Oxidation of Methane Over Bimetallic Catalyst by Theoretical Methods  
 Dissertation Chair: D. W. Mikolaitis
- Michelle Ann King, Bachelor of Science, 2008, Millikin University—Illinois; Master of Science in Kinesiology, 2010, University of Illinois at Chicago  
 Major: *Health and Human Performance*  
 Dissertation: Does Exercise Suppress the Systemic Inflammatory Response Syndrome in Heat Stroke?  
 Dissertation Chair: T. L. Clanton
- Scott Lee Knight, Bachelor of Science in Environmental Engineering *summa cum laude*, 2004, Master of Engineering, 2005, University of Florida  
 Major: *Environmental Engineering Sciences*  
 Dissertation: Landscape Irrigation Water Demand and Utility Revenue Changes Resulting From Rate Modification  
 Dissertation Chair: J. Heaney
- 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
- Evan G. Kriminger, Bachelor of Science in Engineering Science *summa cum laude*, 2009, University of Miami—Florida; Master of Science, 2010, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: Effective Active Constrained Clustering  
 Dissertation Chair: J. C. Principe
- Charlotte L. Lake, Bachelor of Arts, 1998, University of Florida  
 Major: *Design, Construction, and Planning*  
 Dissertation: Buffer Zones at World Heritage Sites: Recommendations for Implementation and Monitoring Based on the French Experience  
 Dissertation Chair: C. Silver
- Bryant C. Lam, Bachelor of Science in Computer Engineering *cum laude*, 2010, Bachelor of Science in Electrical Engineering *cum laude*, 2010, Master of Science, 2011, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: Lightweight, Scalable, Shared-Memory Computing on Many-Core Processors  
 Dissertation Chair: A. D. George  
 Dissertation Co-chair: H. Lam
- Kevan Warren Lamm, Bachelor of Science in Mechanical Engineering, 2000, Colorado State University; Master of Science, 2013, University of Florida  
 Major: *Agricultural Education and Communication*  
 Dissertation: Development and Validation of a Comprehensive Leadership Competency Scale for Use With Adult Agricultural Leadership Development Programs  
 Dissertation Chair: H. S. Carter

- Rebecca Huke Lamoureux, Bachelor of Science in Biomedical Engineering, 2010, University of Miami—Florida, Bachelor of Science in Physics, 2010, Bachelor of Science in Biology *magna cum laude*, 2010, Jacksonville University—Florida; Master of Science, 2013, University of Florida  
 Major: *Biomedical Engineering*  
 Dissertation: Investigation of the Impact of Table Positioning, Protocol Adjustments, and Internal Shielding on CT Image Quality, Organ Doses, and Organ Dose Calculations in Postmortem Subjects  
 Dissertation Chair: M. M. Arreola
- Krystyna T. Lannon, Bachelor of Fine Arts in Interior Design, 2005, Ringling School of Art—Florida; Master of Science in Building Construction, 2009, University of Florida  
 Major: *Design, Construction, and Planning*  
 Dissertation: Resistance of Basalt Macro Fibers to the Alkaline Environment of Portland Cement Concrete  
 Dissertation Chair: L. C. Muszynski  
 Dissertation Co-chair: R. R. Issa
- Sonam Ongmu Lasopa, Master of Arts, 2000, University of Delhi—India; Master of Philosophy in Clinical Psychology, 2002, National Institute of Mental Health and Neuro-Sciences—India  
 Major: *Epidemiology*  
 Dissertation: Prevalence of and Risk Factors for Non-medical Use of Prescription Stimulants: A National Study of Youth  
 Dissertation Chair: L. B. Cottler
- Lori Angela LaGrua Ley, Bachelor of Science in Nursing, 2001, Master of Science in Nursing, 2004, Jacksonville University—Florida  
 Major: *Nursing Sciences*  
 Minor: *Psychology*  
 Dissertation: Investigating Methods to Decrease Bullying, Harassment and Lateral Violence in the Perinatal Nursing Workplace  
 Dissertation Chair: J. H. Elder
- Jian Li, Bachelor of Agricultural Sciences, 2009, Shenyang Agricultural University—China; Master of Science, 2011, University of Florida  
 Major: *Horticultural Sciences*  
 Dissertation: Advancing Resistance to Bacterial Spot (*Xanthomonas* spp.) in Tomato: Mapping a Resistance QTL, Dissociating Bacterial Spot Sensitivity from Fusarium Wilt Race 3 Resistance, and Mapping Two Resistance Genes in Pepper for Potential Genetic Improvement in Tomato  
 Dissertation Chair: S. F. Hutton  
 Dissertation Co-chair: J. B. Jones
- Steven Lynn Lichty, Bachelor of Arts, 1994, Goshen College—Indiana; Master of Arts in International Relations, 2006, Baylor University—Texas; Master of Arts, 2010, University of Florida  
 Major: *Political Science*  
 Dissertation: Pastors, Pulpits, Pews, and Politics: Religious Pedagogies of Democratic Empowerment  
 Dissertation Chair: L. A. Villalon
- Aaron G. Lind, Bachelor of Science, 2011, Iowa State University; Master of Science, 2012, University of Florida  
 Major: *Materials Science and Engineering*  
 Dissertation: Dopant-Defect Interactions in Si Doped InGaAs  
 Dissertation Chair: K. S. Jones
- Fengjin Liu, Bachelor of Engineering, 2011, Shanghai University—China  
 Major: *Mechanical Engineering*  
 Dissertation: Adaptive Mesh Refinement Methods for Solving Optimal Control Problems  
 Dissertation Chair: A. Rao
- Haiyan Liu, Bachelor of Science, 2009, China Agricultural University; Master of Science, 2011, University of Florida  
 Major: *Food Science*  
 Dissertation: Profiling the Metabolome Changes Caused by Cranberry Juices or Cranberry Procyanidins Using <sup>1</sup>H NMR and UHPLC-Q-Orbitrap-HRMS Global Metabolomics Approaches  
 Dissertation Chair: L. Gu
- Junjie Liu, Bachelor of Agronomy, 2005, China Agricultural University  
 Major: *Veterinary Medical Sciences*  
 Dissertation: Phenotypic and mRNA Profiling for Investigating the Pathogenesis of Equine Protozoal Myeloencephalitis  
 Dissertation Chair: M. T. Long

- Xinyue Liu, Bachelor of Science, 2004, Peking University—China  
 Major: *Pharmaceutical Sciences – Pharmaceutical Outcomes and Policy*  
 Dissertation: The Impact of Psychotropic Drugs and Drug-Drug Combinations on Seizure Control in Children With Epilepsy  
 Dissertation Chair: A. G. Winterstein
- Yuanjing Liu, Bachelor of Engineering, 2005, Hefei University—China; Master of Science, 2008, Xiamen University—China  
 Major: *Medical Sciences – Genetics*  
 Dissertation: Bidirectional Transcription and RAN Translation in C9ORF72 ALS/FTD  
 Dissertation Chair: L. P. Ranum
- Wen Donq Looi, Bachelor of Science, 2009, University of Florida  
 Major: *Chemistry*  
 Dissertation: Electrochemistry Mass Spectrometry with Desorption Electrospray Ionization for Analysis of Electrochemical Reactions  
 Dissertation Chair: A. F. Toth
- 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
- Yuan Lu, Bachelor of Science, 2009, Fudan University—China  
 Major: *Medical Sciences – Genetics*  
 Dissertation: Targeting AAV to Osteosarcoma  
 Dissertation Chair: S. C. Ghivizzani
- Zizhe Lu, Bachelor of Science, 2010, Hebei University of Technology—China  
 Major: *Materials Science and Engineering*  
 Dissertation: Mechanical Properties of Zirconium and Zirconia System by Molecular Dynamics Simulation  
 Dissertation Chair: S. R. Phillpot
- Kevin A. Lynn, Bachelor of Arts, 1990, Antioch University—Ohio; Master of Urban Planning and Policy, 1993, University of Illinois at Chicago; Master of Business Administration, 2001, Rice University—Texas  
 Major: *Sociology*  
 Dissertation: Who Defines Whole: The Environmental Justice and Urban Political Ecology of Flood Control and Community Relocation in Houston, TX  
 Dissertation Chair: S. G. Perz
- Jerome J. Maleski, Bachelor of Science in Physics, 2001, Pennsylvania State University  
 Major: *Agricultural and Biological Engineering*  
 Dissertation: Hydrologic Trends and Predictions for the Alabama-Coosa-Tallapoosa and Apalachicola-Chattahoochee-Flint River Basins  
 Dissertation Chair: C. J. Martinez
- Megan Elizabeth Mallicoat, Bachelor of Science in Journalism, 2003, Master of Arts in Mass Communication, 2012, University of Florida  
 Major: *Mass Communication*  
 Dissertation: All the News That's Fit to Post: Millennials' Definitions of News in the Context of Social Media  
 Dissertation Chair: N. P. Lewis
- Jozer Antonio Mangandi Sánchez, Titulo de Ingeniero Agronomo, 2005, Escuela Agricola Panamericana—Honduras; Master of Science, 2010, University of Florida  
 Major: *Horticultural Sciences*  
 Minor: *Plant Pathology*  
 Dissertation: Genetic Studies on the Resistance to *Phytophthora cactonum* and *Colletotrichum gloeosporioides* in Strawberry  
 Dissertation Chair: V. M. Whitaker
- Xiang Mao, Bachelor of Engineering, 2008, Nanjing University of Aeronautics and Astronautics—China; Master of Science, 2010, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: Frame Structure Optimization and Co-service of Real-Time and Non-Real-Time Traffic in Cognitive Radio Networks  
 Dissertation Chair: J. Y. McNair

- Kendall R. Marchman, Bachelor of Arts in Music, 2004, Mercer University—Georgia; Master Theological Studies, 2007, Vanderbilt University—Tennessee  
 Major: *Religion*  
 Dissertation: Huaigan and the Growth of Pure Land Buddhism During the Tang Era  
 Dissertation Chair: M. Poceski
- Jonathan Martin, Bachelor of Science in Microbiology *cum laude*, 2009, University of South Florida  
 Major: *Microbiology and Cell Science*  
 Dissertation: GlpR Functions as a Global DeoR-Type Regulator of Metabolic Gene Transcription in the Haloarchaeon *Haloflexax volcanii*  
 Dissertation Chair: J. A. Maupin
- Ramon Gabriel Mayora, Bachelor of Arts, 2007, Master of Arts, 2010, University of Florida  
 Major: *English*  
 Dissertation: Fabulous Citizenship, Darling!: Rights, Citizenship, and the Representations of Queer Latinos in U.S. Popular Culture  
 Dissertation Chair: T. M. Hedrick
- Jame Elizabeth McCray, Bachelor Degree, 2002, University of Maryland at Baltimore; Master of Arts, 2004, University of Miami—Florida  
 Major: *Wildlife Ecology and Conservation*  
 Dissertation: Sea Turtle Friendly Lighting in Florida: A Multi-level Evaluation of Policy Implementation and Effectiveness  
 Dissertation Chair: R. R. Carthy  
 Dissertation Co-chair: S. Jacobson
- Adam M. McLeod, Bachelor of Science in Electrical Engineering, 2002, Master of Science in Electrical and Computer Engineering, 2003, University of Miami—Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: Learning Control Policies From Demonstration in Continuous Sensory and Action Space  
 Dissertation Chair: J. G. Harris
- Mica Franklin McMillan, Bachelor of Science, 1997, Master of Science, 2001, Auburn University—Alabama  
 Major: *Soil and Water Science*  
 Dissertation: The Influence of Inorganic Amendments and Surfactants on Turfgrass Establishment, Growth and Quality in Constructed Root Zone Mixes  
 Dissertation Chair: S. H. Daroub
- Asmeret Ghebreigziabihier Mehari, Bachelor of Arts in Archaeology, 2000, University of Asmara—Eritrea; Master of Arts, 2005, University of Florida  
 Major: *Anthropology*  
 Dissertation: Practicing and Teaching Archaeology in East Africa: Tanzania and Uganda  
 Dissertation Chair: P. R. Schmidt  
 Dissertation Co-chair: F. V. Harrison
- Ya Meng, Bachelor of Science, 2007, Beijing Institute of Technology—China; Master of Science in Mathematics, 2009, Queen's University—Canada; Master of Science, 2011, University of Alberta—Canada  
 Major: *Biostatistics*  
 Dissertation: Analysis of Infectious Disease in the Presence of Missing Data in Both Outcome and Covariates  
 Dissertation Chair: Y. Yang
- Andrew J. Meyer, Bachelor of Science in Mechanical Engineering *cum laude*, 2009, University of Florida  
 Major: *Mechanical Engineering*  
 Dissertation: Prediction of Optimal Rehabilitation Outcomes Post-stroke  
 Dissertation Chair: B. J. Fregly
- 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

- Kristin L. Moffett, Bachelor of Arts in Psychology *magna cum laude*, 2008, University of Central Florida; Master of Science, 2011, University of Florida  
 Major: *Psychology – Clinical and Health Psychology*  
 Dissertation: Structural and Functional Connectivity Correlates of PTSD and Associated Cognitive and Behavioral Symptomatology in Veterans With Mild Traumatic Brain Injury  
 Dissertation Chair: R. M. Bauer
- Apoorva Mohan, Bachelor of Technology in Industrial Bio-Technology, 2010, Anna University—India  
 Major: *Medical Sciences – Genetics*  
 Dissertation: Misregulation of RNA Binding Proteins in Microsatellite Expansion Diseases  
 Dissertation Chair: M. S. Swanson
- Nancy Lorena Montes De Soto, Licenciada en Biología, 2004, Universidad de San Carlos de Guatemala; Master of Fisheries and Aquatic Sciences, 2009, University of Florida  
 Major: *Interdisciplinary Ecology*  
 Dissertation: Analyzing the Distribution of Recreational Boating off the Coast of Northeast Florida to Determine Its Implications for the Conservation of the North Atlantic Right Whale  
 Dissertation Chair: R. A. Swett
- Hannah Marie Morris, Bachelor of Science in Business Administration, 2008, Master of Arts, 2008, University of Florida  
 Major: *Higher Education Administration*  
 Dissertation: Reflections in Study Abroad: Examining the Experience of First Year Students on a Short Term Study Tour to China  
 Dissertation Chair: D. F. Campbell
- Zachary Daniel Moye, Bachelor of Science in Molecular Biology and Microbiology, 2010, University of Central Florida  
 Major: *Medical Sciences – Immunology and Microbiology*  
 Dissertation: Evolved for Adversity: The Adaptation of *Streptococcus mutans* to Environmental Carbohydrates  
 Dissertation Chair: R. A. Burne
- Irene B. Murimi, Bachelor of Science in Chemical and Biological Engineering, 2008, Massachusetts Institute of Technology; Master of Arts in Religion, 2010, Yale University—Connecticut  
 Major: *Pharmaceutical Sciences – Pharmaceutical Outcomes and Policy*  
 Dissertation: Comparative Safety and Effectiveness of Treatments for Degenerative Disc Disease: An Analysis of the Lumbar Spinal Fusion Procedure  
 Dissertation Chair: A. G. Hartzema
- Gabriel Nallathambi, Bachelor of Engineering, 2010, Anna University—India; Master of Science, 2012, Master of Science, 2014, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: Integrate and Fire Automaton for Non-numeric ECG Signal Processing  
 Dissertation Chair: J. C. Principe
- Charles Patrick Nealis, Bachelor of Science *cum laude*, 2006, Master of Science, 2008, University of Florida  
 Major: *Soil and Water Science*  
 Dissertation: Managing Expectations: Creating a Community Based Stormwater Pond Nutrient Management Program  
 Dissertation Chair: M. W. Clark
- Linda M. Nguyen, Bachelor of Science, 2007, University of Waterloo—Canada; Master of Science, 2010, York University—Canada  
 Major: *Health and Human Performance*  
 Dissertation: Skeletal Muscle Mitochondrial Function and Regulation in Chronic Heart Failure  
 Dissertation Chair: P. J. Adhietty
- Soowoong Scott Noh, Bachelor of Science, 2003, Hongik University—South Korea; Master of Landscape Architecture, 2005, Seoul National University—South Korea  
 Major: *Design, Construction, and Planning*  
 Dissertation: Examining the Relationships Between FBCs and Active Built Environment  
 Dissertation Chair: I. Bejleri
- Gerardo Hernan Núñez Villegas, Bachelor of Science in Biology *magna cum laude*, 2010, Fairleigh Dickinson University—New Jersey  
 Major: *Horticultural Sciences*  
 Dissertation: The *Vaccinium rhizosphere*: Microbiome, Plant-Microbe Interactions, Root Architecture, and Plant Nutrition  
 Dissertation Chair: R. L. Darnell  
 Dissertation Co-chair: J. W. Olmstead

Jason Michael Gerald O'Donoghue, Bachelor of Arts, 2004, University of Florida

Major: *Anthropology*

Dissertation: The Archaeology of Northeast Florida Springs

Dissertation Chair: K. E. Sassaman

Oghenekaro Omodior, Master of Science in Chemical Pathology, 2007, Olabisi Onabanjo University—Nigeria

Major: *Health and Human Performance*

Dissertation: Modeling Protection Motivation against Chikungunya Disease for Travelers to the Caribbean

Dissertation Chair: L. Pennington

Ololade David Oniku, Bachelor of Science in Electrical and Electronics Engineering, 2008, University of Lagos—Nigeria

Major: *Electrical and Computer Engineering*

Dissertation: Electroplated Thick-Film Cobalt Platinum Permanent Magnets

Dissertation Chair: D. P. Arnold

Shannon Elizabeth O'Reilly, Bachelor of Science in Nuclear Engineering *cum laude*, 2011, Master of Science, 2013, University of Florida

Major: *Biomedical Engineering*

Dissertation: Dosimetric Analysis of Patient Populations at Risk for Secondary Cancers in Radiotherapy and Diagnostic Nuclear Medicine

Dissertation Chair: W. E. Bolch

Matias A. Oyarzun, Bachelor of Science in Aerospace Engineering *cum laude*, 2005, Bachelor of Science in Mechanical Engineering *cum laude*, 2005, Master of Science, 2008, University of Florida

Major: *Mechanical Engineering*

Dissertation: On the Design and Optimization of Zero-Net Mass-Flux Actuators for Active Flow Control Applications

Dissertation Chair: L. N. Cattafesta

Fernando A. Pagliai Lopez, Licenciado en Ingenieria en Biotecnologia Molecular, 2006, Titulo de Ingeniero en Biotecnologia Molecular, 2007, Magister en Ciencias Biologicas, 2009, Universidad de Chile

Major: *Microbiology and Cell Science*

Dissertation: Molecular Insights on Protein-Ligand Interaction in the MarR Family of Transcriptional Regulators

Dissertation Chair: G. L. Lorca

Mariela Evelyn Pajuelo Rubina, Titulo de Biologo, 2004, Universidad Nacional Mayor de San Marcos—Peru; Master of Science, 2010, University of Florida

Major: *Zoology*

Dissertation: The Foraging Ecology of Loggerhead Turtles in the North Atlantic: Evidence From Stable Isotope Values

Dissertation Chair: K. A. Bjorndal

Andrea Palmiotto, Bachelor of Arts in History, 2007, University of South Carolina; Master of Arts, 2011, University of Florida

Major: *Anthropology*

Dissertation: Effective Seasons and Mobility Practices in the Lower Suwannee Region, Florida: a Zooarchaeological Study

Dissertation Chair: K. E. Sassaman

Anthony Palomba, Bachelor of Arts in Political Science *summa cum laude*, 2009, Manhattanville College—New York; Master of Arts, 2012, Syracuse University—New York

Major: *Mass Communication*

Dissertation: Impact of Consumers Perceived Emotional Intelligence, Regulation and Repair on Media Brand Experiences and Brand Loyalty Toward Video Game Brands

Dissertation Chair: A. J. Coffey

Abhilash Paneri, Bachelor of Engineering in Mechanical Engineering, 2011, Master of Science in Biological Sciences, 2011, Birla Institute of Technology and Science—India

Major: *Mechanical Engineering*

Dissertation: Transport Characteristics of Graphene Oxide Laminates and Their Applications in Ionic and Size Selective Separation Processes

Dissertation Chair: S. Moghaddam

- Jongha Park, Bachelor of Law, 1994, Korea National Police University—South Korea; Master Degree, 2012, Keimyung University—South Korea  
 Major: *Criminology, Law, and Society*  
 Dissertation: Applying General Strain Theory to Misconduct Among South Korean Officers  
 Dissertation Chair: M. D. Krohn
- Shaniqua Janine Parker, Bachelor of Science in Management, 2004, Master of Science in Agricultural Economics, 2011, North Carolina Agricultural & Technical State University  
 Major: *Agricultural Education and Communication*  
 Dissertation: Perceptions of Public Extensions Source Credibility in Trinidad  
 Dissertation Chair: G. D. Israel
- Dipawita Pati, Bachelor of Pharmacy, 2008, Manipal University—India; Master of Pharmacy, 2010, Birla Institute of Technology and Science—India  
 Major: *Pharmaceutical Sciences – Pharmacodynamics*  
 Dissertation: Tonic Modulation of Central Stress Circuits by Endogenous Oxytocin  
 Dissertation Chair: C. J. Frazier
- William C. Patterson, Bachelor of Science in Electrical Engineering *cum laude*, 2011, Master of Science, 2013, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: Of Magnetic Imaging System Experiments (MISE) and Micro Electro-Mechanical Systems (MEMS)  
 Dissertation Chair: D. P. Arnold
- Clint Pazhayidam George, Bachelor of Technology, 2004, University of Kerala—India; Master of Science, 2010, University of Florida  
 Major: *Computer Engineering*  
 Dissertation: Latent Dirichlet Allocation: Model Selection and Applications to E-Discovery  
 Dissertation Chair: J. N. Wilson  
 Dissertation Co-chair: J. Doss
- Naiara Petralanda, Bachelor of Science in Aerospace Engineering, 2006, Master of Science in Aerospace Engineering, 2008, Embry-Riddle Aeronautical University—Florida; Master of Science, 2013, University of Florida  
 Major: *Aerospace Engineering*  
 Dissertation: Nucleate Boiling Incipience Over Metallic/Non-metallic Surfaces  
 Dissertation Chair: J. F. Klausner
- 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
- Bishow P. Poudel, Bachelor of Agriculture, 2005, Tribhuvan University—Nepal; Master of Science in Agriculture, 2009, Hemwati Nandan Bahuguna Garhwal University—India; Master of Science in Horticulture, 2010, Oklahoma State University  
 Major: *Agronomy*  
 Minor: *Extension Education*  
 Dissertation: A Study on the Root Architecture of Warm Season Turfgrass Species Associated With Drought and Mowing Heights  
 Dissertation Chair: D. L. Rowland  
 Dissertation Co-chair: K. E. Kenworthy
- Samiksha Prasad, Bachelor of Technology in Biotechnology, 2010, Sam Higginbottom Institute of Agriculture, Technology & Sciences—India  
 Major: *Microbiology and Cell Science*  
 Dissertation: Characterization of Sec-Translocon Dependent Extracytoplasmic Proteins and Essential Signal Peptidase I of *Candidatus Liberibacter asiaticus*  
 Dissertation Chair: N. Wang

- Nickolas A. Ptschelinzew, Bachelor of Science in Materials Science and Engineering, 2009, Master of Science, 2010, University of Florida  
 Major: *Materials Science and Engineering*  
 Dissertation: Magnetic Moment Imaging  
 Dissertation Chair: P. H. Holloway  
 Dissertation Co-chair: M. R. Davidson
- Lin Qi, Bachelor of Engineering, 2010, University of Science and Technology of China  
 Major: *Computer Engineering*  
 Dissertation: Spatial Networks in Databases  
 Dissertation Chair: M. P. Schneider
- Yang Qi, Bachelor of Arts, 2006, Zhejiang University—China; Master of Education, 2009, State University of New York at Buffalo  
 Major: *Curriculum and Instruction*  
 Dissertation: Writing Science: A Functional Linguistic Analysis of English Language Learners Writing in Sixth Grade Science Classrooms  
 Dissertation Chair: Z. Fang
- Jing Qin, Bachelor of Engineering, 2004, University of Electronic Science and Technology of China; Master of Engineering, 2008, Shanghai Jiaotong University—China; Master of Science, 2014, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: Cooperative Network Clustering and Task Allocation for Heterogeneous Small Satellite Network  
 Dissertation Chair: J. Y. McNair
- Divya Rajan, Master of Science in Chemistry, 2009, Sikkim Manipal Institute—India  
 Major: *Chemistry*  
 Dissertation: Investigating Magnetism in Coordination Polymers and Spinel Ferrite Metal Oxide Nanostructures  
 Dissertation Chair: D. R. Talham
- Anshu Ranjan, Bachelor of Technology in Computer Science and Engineering, 2009, Jaypee University of Information Technology—India; Master of Science, 2012, University of Florida  
 Major: *Computer Engineering*  
 Dissertation: Approximation Algorithms for Offline Scheduling of Power Loads in Smart Grids  
 Dissertation Chair: S. K. Sahni  
 Dissertation Co-chair: P. P. Khargonekar
- Saitej Ravi, Bachelor of Engineering in Mechanical Engineering, 2010, Birla Institute of Technology and Science—India  
 Major: *Mechanical Engineering*  
 Dissertation: Characterization and Optimization of Fluid Transport Through Wick Structures  
 Dissertation Chair: S. Moghaddam
- Libby Rohrer Rens, Bachelor of Science in Horticulture, 2008, Bachelor of Science in Plant Pathology, 2008, University of Wisconsin at Madison; Master of Science, 2011, University of Florida  
 Major: *Horticultural Sciences*  
 Minor: *Soil and Water Science*  
 Dissertation: Optimization of Nitrogen Fertilizer Use Efficiency for Commercial Chipping Potatoes in Northeast Florida  
 Dissertation Chair: L. Zotarelli
- Nathan R. Rhodes, Bachelor of Science in Mechanical Engineering *summa cum laude*, 2010, Mississippi State University; Master of Science, 2013, University of Florida  
 Major: *Mechanical Engineering*  
 Dissertation: Investigation of Ferrite and Cerium-Based Solar Thermal Chemistry for Production of Solar Fuels  
 Dissertation Chair: D. W. Hahn
- Andrew C. 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



- Vitor Rodrigues Gomes Mercadante, Medico Veterinario, 2009, Universidade Estadual Paulista—Brazil; Master of Science, 2012, University of Florida  
 Major: *Animal Sciences*  
 Dissertation: Strategies to Improve Reproductive Efficiency in Beef Females and Enhance Offspring Postnatal Performance  
 Dissertation Chair: G. C. Lamb
- Erica Mia Rodriguez Kight, Bachelor of Arts in English, 2005, Florida State University; Master of Arts in Mass Communication, 2008, University of Florida  
 Major: *Mass Communication*  
 Dissertation: News Coverage of HPV and Cervical Cancer for Hispanic Audiences: A Media Framing Analysis  
 Dissertation Chair: D. M. Treise
- Hilda Patricia Rodriguez-Armenta, Titulo de Ingeniero Agronomo, 2004, Universidad Autonoma Chapingo—Mexico; Maestra en Ciencias, 2007, Colegio de Postgraduados—Mexico  
 Major: *Horticultural Sciences*  
 Dissertation: Introgression of Traits From Wild *Vaccinium arboreum* Into Southern Highbush Blueberry Germplasm  
 Dissertation Chair: J. W. Olmstead
- Shannon Ruth Roff, Bachelor of Science, 1995, Purdue University—Indiana; Master of Science, 2000, Thomas Jefferson University—Pennsylvania; Doctor of Veterinary Medicine *cum laude*, 2011, University of Florida  
 Major: *Veterinary Medical Sciences*  
 Dissertation: T-Cell Based HIV Vaccines  
 Dissertation Chair: J. K. Yamamoto  
 Dissertation Co-chair: M. H. Rathore
- Rachel Laeh Rothstein, Bachelor of Arts in Sociology, 2004, University of Georgia; Master of Arts in Jewish Studies, 2007, Washington University—Missouri  
 Major: *History*  
 Dissertation: ‘Small Numbers, Big Presence.’ Poland, the U.S., and the Power of Jewishness After 1968  
 Dissertation Chair: M. B. Hart  
 Dissertation Co-chair: A. Freifeld
- Sima Saeidi Varnoosfaderani, Bachelor of Science, 2007, Shahid Beheshti University—Iran; Master of Science, 2010, University of Tehran—Iran; Master of Science, 2014, University of Florida  
 Major: *Physics*  
 Minor: *Materials Science and Engineering*  
 Dissertation: Doping Graphene With Manganese-Based Single Molecule Magnets: Electronic Properties  
 Dissertation Chair: A. F. Hebard
- Tatiana E. Salazar, Bachillerato en Biologia, 2010, Universidad de Costa Rica  
 Major: *Genetics and Genomics*  
 Dissertation: Type 2 Diabetes-Induced Changes in the Bone Marrow Microenvironment Drive Hematopoietic Progenitor Cell Dysfunction: Implications for Diabetic Retinopathy  
 Dissertation Chair: M. A. Grant
- Annelie Lina Sophie Schmittel, Bachelor of Arts in Mass Communication *magna cum laude*, 2009, Master of Science in Educational Leadership, 2012, Winona State University—Minnesota  
 Major: *Mass Communication*  
 Dissertation: Athletes Caught in Personal Failing: Does Winning Take Care of Everything?  
 Dissertation Chair: D. M. Treise
- Ashley L. Schroeder, Bachelor of Arts in Business Administration, 2007, Master of Science, 2012, University of Florida  
 Major: *Health and Human Performance*  
 Dissertation: The Role of Risk-Related Constructs in the Destination Choice Process: Reconceptualizations and Analyses  
 Dissertation Chair: L. Pennington
- Eric Robert Schultz, Bachelor of Science in Biology, 2011, Ohio Northern University  
 Major: *Plant Molecular and Cellular Biology*  
 Dissertation: Deviations: Skewing, Waving, and Molecular Biology From Spaceflight and Terrestrial Observations  
 Dissertation Chair: R. J. Ferl  
 Dissertation Co-chair: A. Paul

- Manu Sethi, Bachelor of Technology, 2005, Indian Institute of Technology at Roorkee—India; Master of Science, 2014, University of Florida  
 Major: *Computer Engineering*  
 Dissertation: Incorporating Feature Matching and Supervoxels Into Multiframe Optical Flow  
 Dissertation Chair: A. Rangarajan
- Mohamed Hossam Shahin, Bachelor in Pharmaceutical Sciences, 2007, Misr International University—Egypt; Master of Pharmaceutical Sciences, 2011, Al Azhar University—Egypt  
 Major: *Pharmaceutical Sciences*  
 Dissertation: Pharmacogenomics, Transcriptomics and Metabolomics for the Identification of Novel Biomarkers of Blood Pressure Response to Antihypertensive Drugs  
 Dissertation Chair: J. A. Johnson
- Nicholas S. Sharpe, Bachelor of Science, 2007, University of Florida  
 Major: *Mathematics*  
 Dissertation: A  $Z^2$ -Construction of a  $K$ -Automorphism That Commutes With a Rank-1 Transformation  
 Dissertation Chair: J. L. King
- Ying She, Bachelor of Engineering, 2011, China Agricultural University; Master of Science, 2014, University of Florida  
 Major: *Agricultural and Biological Engineering*  
 Dissertation: Application of Unmanned Aerial Vehicle on Open Field Container Nursery and Citrus Tree Inventory Management  
 Dissertation Chair: R. J. Ehsani
- Ravi Shekhar, Bachelor of 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
- Nima Shirmohammadi, Bachelor of Civil Engineering, 2008, University of Tehran—Iran; Master of Civil Engineering, 2011, Sharif University of Technology—Iran  
 Major: *Civil Engineering*  
 Dissertation: Analysis and Design of Tradable Credit Schemes Under Uncertainty  
 Dissertation Chair: Y. Yin
- Isaac Sia, Bachelor of Science in Speech Sciences, 2000, University of London—United Kingdom; Master of Public Health, 2013, University of Florida  
 Major: *Rehabilitation Science*  
 Dissertation: Pharyngeal Swallowing Power: Evaluating a Novel Measure of Deglutitive Bolus-Driving Function and Its Relationship With Upper Esophageal Sphincter Function  
 Dissertation Chair: M. A. Crary
- Jose Antonio Sierra Huelsz, Bachelor of Science in Biology, 2005, Master of Science in Biological Sciences, 2010, The National Autonomous University of Mexico  
 Major: *Forest Resources and Conservation*  
 Dissertation: Tourism Resorts, Forest Livelihoods: Challenges for Sustaining a Diverse Forest Product in the Selva Maya  
 Dissertation Chair: K. A. Kainer
- Jared W. Skinner, Bachelor of Science in Exercise Science, 2009, Master of Science in Exercise Science, 2011, Appalachian State University—North Carolina  
 Major: *Health and Human Performance*  
 Dissertation: Influence of Strength on Motor Control and Gait Variability in Persons With Parkinsons Disease  
 Dissertation Chair: C. J. Hass
- Adam N. Smith, Bachelor of Science, 2010, University of Florida  
 Major: *Chemistry*  
 Dissertation: Development of Methodologies for the Study of Membrane Proteins With Magic Angle Spinning Dynamic Nuclear Polarization  
 Dissertation Chair: G. E. Fanucci

- Jose Roberto Soto-Shoender, Licenciado in Biologo, 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
- Donna Lee Spencer-Pitts, Bachelor of Arts in Education *cum laude*, 2008, Master of Education, 2009, University of Florida  
 Major: *Special Education*  
 Dissertation: Identification of Executive Function Deficits in Students With Emotional Behavioral Disorders  
 Dissertation Chair: S. W. Smith
- Akeapot Srifa, Bachelor of Science in Biology, 2007, Mahidol University—Thailand; Master of Science, 2010, University of Florida  
 Major: *Fisheries and Aquatic Sciences*  
 Dissertation: Seasonal Variations and Effects of Cyanobacterial Blooms on Planktonic Community Structures in a Subtropical Lake  
 Dissertation Chair: E. J. Phlips
- Forrest Robert Stevens, Bachelor of Arts, 1998, University of Chicago—Illinois; Master of Science, 2009, University of Florida  
 Major: *Geography*  
 Dissertation: Sensing Change: Methodologies of Scale and Analyzing Interactions of Land Cover, Land Use and Forest Changes in Wallowa County, Oregon  
 Dissertation Chair: J. Southworth  
 Dissertation Co-chair: G. A. Kiker
- Amy Marie Stringer, Bachelor of Arts in Political Science, 2004, University of Southern Mississippi; Master of Science in Political Science, 2006, Florida State University; Master of Arts, 2013, University of Florida  
 Major: *Political Science*  
 Dissertation: Embracing a Changing Electorate: The Political Incorporation of Latinos in the U.S.  
 Dissertation Chair: M. D. Martinez
- Masashige Taguchi, Bachelor of Science in Agricultural and Biological Engineering *cum laude*, 2009, University of Florida  
 Major: *Agricultural and Biological Engineering*  
 Dissertation: Development of Pulsed Sonoelectrodeposition Techniques for Sensor and Biosensor Applications  
 Dissertation Chair: E. McLamore
- Mayank Talwar, Bachelor of Science in Biology, 2008, Indiana University of Pennsylvania—Pennsylvania; Master of Biotechnology, 2009, Pennsylvania State University  
 Major: *Medical Sciences – Biochemistry and Molecular Biology*  
 Dissertation: Organization of Methylated Chromatin in the KSHV LANA Promoter by the CTCF Insulator  
 Dissertation Chair: M. P. Kladde
- Hengxing Tan, Bachelor of Engineering, 2000, Master of Engineering, 2003, Huazhong University of Science and Technology—China; Master of Science, 2014, University of Florida  
 Major: *Computer Engineering*  
 Dissertation: Power and Thermal Aware Issues on Data Parallel Problems  
 Dissertation Chair: S. Ranka
- Lanlan Tang, Bachelor of Engineering, 2011, Beihang University—China  
 Major: *Zoology*  
 Dissertation: Characterization of the Roles of WDR-23/SKN-1 in Stress Resistance/Longevity and Growth/Reproduction  
 Dissertation Chair: K. P. Choe  
 Dissertation Co-chair: A. C. Harmon
- Jaired E. Tate, Bachelor of Science, 2005, Master of Science in Chemistry, 2008, Florida A&M University; Master of Science, 2011, University of Florida  
 Major: *Chemistry*  
 Dissertation: Electron and Energy Transfer Dynamics in Cyano-Bridged Heterometallic Ruthenium Polynuclear Systems  
 Dissertation Chair: V. D. Kleiman

- Zhijing Teng, Bachelor of Administration, 2007, University of Jinan—China; Master of Science in Economics, 2010, University of Nebraska at Omaha  
 Major: *Food and Resource Economics*  
 Dissertation: Food-away-from-Home and Food-at-Home Consumption in Urban China: A Double-Hurdle Model Analysis  
 Dissertation Chair: J. L. Seale  
 Dissertation Co-chair: L. A. House
- Evan M. Thatcher, Bachelor of Science, 2008, Haverford College—Pennsylvania; Master of Science, 2010, University of Florida  
 Major: *Physics*  
 Dissertation: Resonant Frequencies and Optical Properties of Solids  
 Dissertation Chair: C. J. Stanton  
 Dissertation Co-chair: D. B. Tanner
- Carlton André Thompson, Bachelor of Science in Electrical Engineering, 2006, Master of Science, 2008, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: A Reliability and Performance Analysis of a Distributed IP-Based Telecommunications System  
 Dissertation Chair: H. A. Latchman  
 Dissertation Co-chair: J. Y. McNair
- Annaliese Elizabeth Thuijs, Bachelor of Science, 2011, University of Florida  
 Major: *Chemistry*  
 Dissertation: High Temperature Solution Methods to Homo- and Heterometallic Molecular Compounds With Multifunctional Properties  
 Dissertation Chair: G. Christou
- Rajiv Harish Tikamdas, Bachelor of Pharmaceutical Sciences, 2008, Ain Shams University—Egypt  
 Major: *Pharmaceutical Sciences – Pharmacodynamics*  
 Dissertation: Novel Mediators of Neuronal Injury-Induced Neuroinflammation  
 Dissertation Chair: B. Liu
- Yu-Chien Tseng, Bachelor of Science in Agriculture, 2011, National Taiwan University  
 Major: *Agronomy*  
 Dissertation: Genetic Studies on the Novel Spotted Wilt Resistance of Peanut [*Arachis hypogaea* L.] Cultivar, Florida-EP-113  
 Dissertation Chair: B. Tillman  
 Dissertation Co-chair: J. Wang
- Umar T. Twahir, Bachelor of Science in Chemistry, 2009, Master of Science in Chemistry, 2011, Georgia State University  
 Major: *Chemistry*  
 Dissertation: Investigations Into the Enzymatic Mechanism of *Bacillus subtilis* Oxalate Decarboxylase: An Electron Paramagnetic Resonance Approach  
 Dissertation Chair: A. Angerhofer
- Brian P. Tyler, Bachelor of Arts in Anthropology, 1997, Washington University—Missouri; Master of Arts in Anthropology, 2001, Louisiana State University and A&M College  
 Major: *Anthropology*  
 Dissertation: Culture, Trauma, and Health: Social Suffering in Rural Guatemala  
 Dissertation Chair: C. C. Gravlee
- Virat Krishna Upadhyay, Bachelor of Chemical Engineering, 2008, University of Mumbai—India; Master of Science, 2010, University of Florida  
 Major: *Chemical Engineering*  
 Dissertation: Numerical Simulations of Dissolutions in Porous Rocks and Rock Fractures  
 Dissertation Chair: A. J. Ladd
- Cesar David Verdugo, Bachelor of Science in Civil Engineering *magna cum laude*, 2010, Master of Engineering, 2012, Master of Science, 2013, University of Florida  
 Major: *Civil Engineering*  
 Dissertation: Effect of Volume-to-Area Ratio and Heat of Hydration on Temperature Development of Segmental Bridges and Drilled Shafts  
 Dissertation Chair: M. Tia

- Alexander Voelkner, Pharmazeutische Prufung, 2009, Martin-Luther Universitat—Germany  
 Major: *Pharmaceutical Sciences – Pharmacy*  
 Dissertation: Pharmacokinetic and Pharmacodynamic Characterization of the Pleuromutilin Antibiotic Retapamulin  
 Dissertation Chair: H. C. Derendorf
- Daniel Valentin Voss, Licenta in Fizica 1996, Magister in Fizica, 1997, Universitatea Alexandru Ioan Cuza din Iasi—Romania  
 Major: *Physics*  
 Dissertation: Fast Alignment Control of an Optical Resonator  
 Dissertation Chair: D. B. Tanner
- Theresa Marie 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 (molorus) bivittatus*  
 Dissertation Chair: F. J. Mazzotti
- Jianan Wang, Bachelor of Science, 2006, Master of Agriculture, 2009, Northeast Agricultural University—China  
 Major: *Plant Pathology*  
 Dissertation: Characterization of Population Genetic Structure and Evolutionary Process in Phytophthora Species  
 Dissertation Chair: E. M. Goss
- Menghan Wang, Bachelor of Science, 2010, Macau University of Science and Technology—China  
 Major: *Computer Engineering*  
 Dissertation: Combinatorial Characterization of Spaces of Finite Geometrically Constrained Configurations With Applications in Mechanical Design and Machine Learning  
 Dissertation Chair: M. Sitharam
- Xiaotie Wang, Bachelor of Engineering, 2009, South China University of Technology; Master of Science, 2011, University of Florida  
 Major: *Materials Science and Engineering*  
 Dissertation: 193 nm Excimer Laser Processing Wide Band-Gap Semiconductor Materials  
 Dissertation Chair: B. P. Gila
- Yuanxiang Wang Sr., Bachelor of Engineering, 2009, University of Science and Technology of China; Master of Science, 2011, University of Florida  
 Major: *Electrical and Computer Engineering*  
 Dissertation: An Intrinsic Unscented Kalman Filter Based Tracker With Applications to Image Analysis  
 Dissertation Chair: B. C. Vemuri
- Julie Lynn Watson, Bachelor of Science in Psychology, 2000, University of Maryland; Master of Health Science, 2008, University of Florida  
 Major: *Public Health*  
 Dissertation: An Evaluation of a Memory Enhancement Program for People With Mild Cognitive Impairments on Family Caregiver Outcomes  
 Dissertation Chair: M. E. Young
- Grant B. Weinkam, Bachelor of Science, 2005, Ohio University; Master of Science, 2007, University of Cincinnati—Ohio  
 Major: *Environmental Engineering Sciences*  
 Dissertation: Fate and Transport of Phosphorus in Developing Landscapes Under Long-Term Effluent Irrigation  
 Dissertation Chair: M. T. Brown
- Nathan J. Weinstock, Bachelor of Science, 2005, Master of Science, 2008, University of Florida  
 Major: *Psychology*  
 Dissertation: A Phenomenological and Biochemical Characterization of Pemoline-Induced Self-Injury  
 Dissertation Chair: D. P. Devine
- Jonathon P. Whooley, Bachelor of Arts in History, 2007, Bachelor of Arts in Political Science, 2007, Sonoma State University—California; Master of Arts in International Relations, 2010, San Francisco State University—California  
 Major: *Political Science*  
 Dissertation: Imagining Iran: Orientalism and Security Development in American Foreign Policy  
 Dissertation Chair: L. E. Sjoberg

- Elizabeth Rachel Wiggins, Bachelor of Science, 2010, Georgetown College—Kentucky; Master of Science, 2012, University of Florida  
 Major: *Mathematics*  
 Dissertation: On Certain Weyl Modules and Simple Modules for Algebraic Groups of Type B and D  
 Dissertation Chair: P. K. Sin
- Shelton L. Wright, Bachelor of Science in Chemical Engineering, 2002, Bachelor of Science, 2005, University of Florida  
 Major: *Agricultural and Biological Engineering*  
 Dissertation: A Dynamic Mathematical Model to Predict Fed-Batch Growth and Lipid Productivity in the Diatom *Phaeodactylum Tricornutum* Under a Potentially Multi-nutrient Limiting Environment  
 Dissertation Chair: B. A. Welt
- Jian Wu, Bachelor of Agronomy, 2008, Northeast Forestry University—China; Master of Agronomy, 2011, Beijing Forestry University—China  
 Major: *Soil and Water Science*  
 Dissertation: Interaction Between *Phytophthora nicotianae* and *Candidatus Liberibacter Asiaticus* Damage to Citrus Fibrous Roots  
 Dissertation Chair: J. H. Graham
- Yuedong Wu, Bachelor of Science, 2008, North University of China; Master of Engineering, 2011, Peking University—China  
 Major: *Nuclear Engineering Sciences*  
 Dissertation: Evaluation on Thermal Conductivity of Non-stoichiometric Ceria  
 Dissertation Chair: Y. Yang
- Xi Xia, Bachelor of Natural Science Theoretical and Applied Mechanics, 2008, University of Science and Technology—China; Master of Science, 2010, University of Colorado at Boulder  
 Major: *Mechanical Engineering*  
 Dissertation: Unsteady Aerodynamics of a Flat Plate Wing and Lift Control of the Wing Using Synthetic Jets  
 Dissertation Chair: K. Mohseni
- Haiyan Xing, Bachelor of Agronomy, 1996, Master of Law, 2005, Northwest University for Nationalities—China; Master of Arts, 2011, University of Florida  
 Major: *Anthropology*  
 Dissertation: Social Maintenance and Cultural Continuity – Folk Religion Among the Tu in Northwestern China  
 Dissertation Chair: C. Shih
- Yao Xu, Bachelor of Science, 2009, Bachelor of Agriculture, 2009, Northeast Agricultural University Michigan State University; Master of Science, 2012, Auburn University—Alabama  
 Major: *Entomology and Nematology*  
 Dissertation: Bacterial Symbionts and Insecticide Resistance in the Southern Chinch Bug (*Hemiptera: Blissidae*)  
 Dissertation Chair: D. G. Boucias  
 Dissertation Co-chair: E. A. Buss
- Jiaqi Yan, Bachelor of Engineering, 2008, Northeast Agricultural University—China; Master of Engineering, 2011, China Agricultural University  
 Major: *Horticultural Sciences*  
 Minor: *Plant Pathology*  
 Dissertation: Postharvest Treatments to Control Citrus Black Spot on Valencia Orange Fruit  
 Dissertation Chair: M. A. Ritenour
- Minjune Yang, Bachelor of Science, 2007, Master of Science, 2009, Pukyong National University—South Korea  
 Major: *Soil and Water Science*  
 Dissertation: Forward and Back Diffusion Through Low-Permeability Aquitards  
 Dissertation Chair: J. W. Jawitz  
 Dissertation Co-chair: M. D. Annable
- Semih Sait Yilmaz, Bachelor of Arts in Tourism Management, 2006, Bogazici University—Turkey; Master of Business Administration, 2010, Bilkent University—Turkey  
 Major: *Health and Human Performance*  
 Dissertation: Environmentally Sustainable Behavior in Hospitality and Tourism and Implications of Counterfactual Thinking  
 Dissertation Chair: Y. J. Ko

- Eunhui Yoon, Bachelor of Arts, 2005, Ewha Womans University—South Korea; Master of Arts in Education, 2007, Seoul National University—South Korea  
 Major: *Counseling and Counselor Education*  
 Dissertation: Investigating the Demographic, Psychological, and Environmental Factors That Discriminate Among Three Types of Bystander Behaviors in School Bullying in South Korea  
 Dissertation Chair: D. Miller  
 Dissertation Co-chair: A. Puig
- 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
- Lisha Zhang, Bachelor of Economics, 2004, China Agricultural University; Bachelor of Arts, 2004, University of Colorado at Denver; Master of Science, 2008, University of Kentucky; Master of Science, 2010, University of Illinois at Urbana-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
- Pengfei Zhao, Bachelor of Natural Science, 2010, University of Science and Technology—China; Master of Science, 2014, University of Florida  
 Major: *Aerospace Engineering*  
 Minor: *Statistics*  
 Dissertation: Development and Characterization of Efficient Plasma Actuators  
 Dissertation Chair: S. Roy
- Yang Zhao, Bachelor of Science, 2006, Shandong Agricultural University—China; Master of Science, 2011, Chinese Academy of Sciences—China  
 Major: *Agronomy*  
 Dissertation: Towards Targeting Multiple Expression Cassettes Into a Pre-characterized Genomic Locus of Sugarcane for Predictable Transgene Performance  
 Dissertation Chair: F. Altpeter
- Haibin Zheng, Bachelor of Engineering, 2007, Shenyang Agricultural University—China; Bachelor of Science, 2012, University of Kentucky; Master of Engineering, 2013, University of Florida  
 Major: *Chemical Engineering*  
 Dissertation: Characterization of Catalysts Synthesized Using Atomic Layer Deposition of Platinum Onto Ceria Nanoshapes  
 Dissertation Chair: H. A. Hagelin
- Pan Zheng, Bachelor of Natural Science, 2008, University of Science and Technology—China  
 Major: *Physics*  
 Dissertation: Study of Normal and Superfluid  $^3\text{He}$  Films With Micro-electro-mechanical Devices  
 Dissertation Chair: Y. Lee
- Xi Zheng, Bachelor of Engineering, 2005, Tongji University—China; Master of Science, 2011, Master of Science, 2014, University of Florida  
 Major: *Civil Engineering*  
 Dissertation: An Integrated Infrastructure Engineering Decision-Making Procedure: A Finance-Based Fuzzy Time-Cost-Quality Trade-Off Optimization Model Over the Project Life Cycle  
 Dissertation Chair: R. D. Ellis
- Yian Zhou, Bachelor of Science, 2010, Peking University—China  
 Major: *Computer Engineering*  
 Dissertation: Privacy-Preserving Transportation Traffic Measurement in Intelligent Cyber-Physical Road Systems  
 Dissertation Chair: S. Chen

Dan Zhu, Bachelor of Arts, 2010, China University of Geosciences; Master of Science in Architectural Studies, 2011, University of Florida

Major: *Design, Construction, and Planning*

Dissertation: Policy on River Pollution Management: An Analysis of China's Huai River Pollution Reduction

Dissertation Chair: C. Silver

Jiajie Zhu, Bachelor of Science, 2010, Fudan University—China

Major: *Mathematics*

Dissertation: Efficient Sparse Optimization Algorithms: Designing Non-convex and Distributed Algorithms for Machine Learning and Engineering Applications

Dissertation Chair: W. W. Hager

Dissertation Co-chair: K. Khare

## DOCTOR OF EDUCATION

---

Lindsey Pavlik Ammons, Bachelor of Arts in Education, 2007, Master of Education, 2008, University of Florida

Major: *Curriculum and Instruction*

Dissertation: Understanding and Designing Teacher Professional Development for Universal Design for Learning (UDL): Analysis and Application of UDL Expert Perspectives

Dissertation Chair: N. L. Dana

Stephanie Crosby, Bachelor of Arts in Special Education, 1994, Master of Arts in Communication Arts, 1999, University of West Florida

Major: *Higher Education Administration*

Dissertation: Barriers to Access: The Experience of Students Delaying the Request for Accommodations at an Open-Access College

Dissertation Chair: D. F. Campbell

Jesse L. Gates, Bachelor of Arts, 1998, University of Virginia; Master of Science, 1999, Syracuse University—New York; Educational Specialist, 2005, University of Missouri at Columbia; Specialist in Education, 2012, University of Florida

Major: *Educational Leadership*

Dissertation: A Public Policy Analysis of Social Networking in Florida Public Schools

Dissertation Chair: R. C. Wood

Lauren Janel Gibbs, Bachelor of Arts in Education *cum laude*, 2000, Master of Education, 2002, University of Florida

Major: *Curriculum and Instruction*

Dissertation: Principals as Instructional Leadership Coaches: School Change Through Job Embedded Professional Development

Dissertation Chair: A. J. Adams

Melanie Mills Harris, Bachelor of Music Education *cum laude*, 1979, Master of Music, 2009, University of Florida

Major: *Curriculum and Instruction*

Dissertation: Understanding the Role of the Music Teacher in Supporting the Academic Learning of Female Students in Mathematics and Science

Dissertation Chair: N. L. Dana

Karim A. Juan, Bachelor of Science, 1998, University of Belize; Master of Education, 2009, University of North Florida

Major: *Curriculum and Instruction*

Dissertation: Effects of Interactive Software on Student Achievement and Engagement in Four Secondary School Geometry Classes, Compared to Two Classes With No Technology Integration

Dissertation Chair: K. M. Dawson

Randi Renee Latzke, Bachelor of Arts, 1990, MacMurray College—Illinois; Bachelor of Arts, 1995, University of Illinois at Springfield; Master of Education, 2000, University of South Florida

Major: *Curriculum and Instruction*

Dissertation: Helping Teachers in a High Poverty School Move From a Deficit to an Asset Orientation Through Professional Development

Dissertation Chair: D. D. Ross



- Terri Murphy Lonneman, Bachelor of Arts in English Language Education, 1985, Master Degree, 1993, University of South Florida  
 Major: *Educational Leadership*  
 Dissertation: An Analysis and Comparison of Teaching Experience, Teacher Educational Level, and Socioeconomic Status on Student Achievement and Evidence Found in One Selected School District in Florida  
 Dissertation Chair: R. C. Wood
- Eva Olysha Magruder McRae, Bachelor of Fine Arts *cum laude*, 2007, University of Florida; Master of Arts, 2011, The New School—New York  
 Major: *Curriculum and Instruction*  
 Dissertation: Changes in Use of a Learning Management System After a Faculty Development Program: A Mixed Methods Study Using the Concerns Based Adoption Model  
 Dissertation Chair: S. Kumar
- Maria Ines Marino, Bachelor of Arts, 2002, Master of Education, 2004, Northwestern State University—Louisiana; Master of Science, 2007, Florida International University  
 Major: *Curriculum and Instruction*  
 Dissertation: Exploring How Cultural Differences Impact Participation in Online Discussions  
 Dissertation Chair: P. Antonenko
- Michael Peter Moss, Bachelor of Arts in History, 1991, Florida State University; Master of Education, 1992, University of Florida  
 Major: *Curriculum and Instruction*  
 Dissertation: The Role of the School Principal in Establishing a School Culture That Embraces Job-Embedded Peer Coaching as Effective Professional Development  
 Dissertation Chair: B. L. Kennedy-Lewis
- Buyiswa M. Njobe-Mini, Bachelor of Arts with Honours, 1976, University of Fort Hare—South Africa; Master of Arts in Linguistics, 1979, University of Reading—United Kingdom  
 Major: *Curriculum and Instruction*  
 Dissertation: Perspectives on a School's Bilingual Education Program in South Africa  
 Dissertation Chair: E. J. De Jong
- Jodie Elizabeth Pillius-MacKrell, Bachelor of Arts, 1996, University of South Florida; Master of Science, 2005, Nova Southeastern University—Florida  
 Major: *Educational Leadership*  
 Dissertation: The Cost Effectiveness of Additional Funding to Curb High School Dropouts: Evidence From Five High-Need Urban School Districts in the State of New York  
 Dissertation Chair: R. C. Wood
- Thea H. Saccasyn, Bachelor of Elementary Education, 1988, University of South Florida; Master of Science, 1995, Nova Southeastern University—Florida  
 Major: *Curriculum and Instruction*  
 Dissertation: A Principal's Reflection on Using Video to Improve Classroom Instruction  
 Dissertation Chair: D. D. Ross
- Holli A. Seabury, Bachelor of Science, 1997, Master of Arts in Education, 1998, Defiance College—Ohio  
 Major: *Curriculum and Instruction*  
 Dissertation: Brush Text: A Multimedia Text Messaging Intervention to Improve the Oral Health of Rural Head Start Children  
 Dissertation Chair: A. D. Ritzhaupt
- Ross Joseph Van Boven, Bachelor of Arts in Education *cum laude*, 2006, Master of Education, 2007, University of Florida  
 Major: *Curriculum and Instruction*  
 Dissertation: Understanding How to Meet the Needs of Gifted and Talented Learners Within a Middle School Push-In Model: A Practitioner Research Case Study of One Middle School Student  
 Dissertation Chair: N. L. Dana
- Sandra Vonderlind, Magister Artium, 2004, Technische Universitat Chemnitz—Germany; Master of Educational Studies, 2012, University of Newcastle—Australia  
 Major: *Curriculum and Instruction*  
 Dissertation: Closing the Cultural Gap: A Study of Successful Integration of Western Teachers Into Emirati School Culture  
 Dissertation Chair: A. J. Adams

Christine M. White, Bachelor of Arts in Education *magna cum laude*, 1994, Master of Education, 1998, University of North Florida

Major: *Curriculum and Instruction*

Dissertation: Understanding How Urban Resident Teachers Develop as Culturally Responsive Classroom Managers

Dissertation Chair: N. L. Dana

Florence E. Wolfe Sharp, Bachelor of Arts, 1989, University of Dayton—Ohio; Master of Science, 2004,

Nova Southeastern University—Florida

Major: *Curriculum and Instruction*

Dissertation: Educating the Masses: An Examination of a Massive Open Online Course Development Lifecycle

Dissertation Chair: A. D. Ritzhaupt

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## DOCTOR OF AUDIOLOGY

Mathieu Arseneau  
Candice Leah D'Arbe

Susan Gail Gottlieb  
Sayed Ghulam Raza Hashimi  
Sarah D. Hill

Evans Pemba  
Jennifer Marie Young

## DOCTOR OF PLANT MEDICINE

Eric Gregory LeVeen

Keumchul Shin

## DOCTOR OF NURSING PRACTICE

Heidi C. Curry

Honors designations in this program are incomplete, tentative, may not properly represent a student's academic accomplishment and are subject to change. Final honor designations will be represented on the official diploma and on the transcript.



## Professional Degrees

### COLLEGE OF PHARMACY

DEAN Julie A. Johnson

#### DOCTOR OF PHARMACY

Enas A. Abu Shanab  
Nwar Ahmad  
Mohamed Refaat Ahmed Saleh  
Yivet M. Aquino  
Charlene Marie Blubaugh  
Jocelyn Rachelle Bolduc  
Rima Mahmoud Charara  
Cheryl A. Chell  
Iheoma D. Emeh  
Nneka Ezurike  
Leila H. Fawaz

Paul Louie Fletcher II  
Vincent Ho  
Kory Kwokyen Hu  
Feng-Chin Huang  
Emma Jean Jones  
Jessica Marie Jordan  
Su Hyun Kim  
Holly Smith Lang  
Bernard K. Liu  
Joyce A. McCarthy  
Margaret R. McManigal

Sulbha Y. Pai  
Harsit Patel  
Leanne Patel  
Jane L. Perlman  
Camyn H. Perry  
Susanna Maiuri Robinson  
Amado Leroy Romero Jr.  
Neal Howard Solomon  
June M. Stengel  
Neelam Vyas  
Lisa Lynn Wiczorek-Pilgard

### FREDRIC G. LEVIN COLLEGE OF LAW – PRESENTED AT SEPARATE CEREMONY

DEAN Laura A. Rosenbury

#### JURIS DOCTOR

Natasha Munkittrick Allen  
Christopher Wade Croce  
Lindsay E. DeCarlo  
Jerome Emanuel Graham

\*Amanda Lynn Griffin  
\*Michael David Hollowell  
Lauren Danielle Kerr  
\*Kalpesh Mehta  
Andrej Milic

Brittany N. Sakovich  
Shawn P. Snelling  
\*Albert Joseph Sueiras  
Lea Marie Tottle

\*Cum Laude

\*\*Magna Cum Laude

\*\*\*Summa Cum Laude

(Cum Laude, Magna Cum Laude and Summa Cum Laude are tentative and subject to final grades)



## What Makes a University Great?

*Some interesting facts about the University of Florida*

### Educational Excellence

UF is consistently ranked among the nation's top universities: No. 14 in U.S. News & World Report "Top Public Universities" (2015); No. 4 in the Fiske Guide to Colleges' list of Best Buys Among Publics (2015); No. 14 on the Forbes' list of Best Public Universities (2014); and No. 7 on Washington Monthly magazine's list of national universities that offer the best bang for the buck (2014).

### Faculty

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

### Students

- More than 97 percent of incoming freshmen score above the national average (1497/21) on standardized exams. Students admitted for the fall 2015 freshman class had an average 4.3 GPA and an average SAT score of 1918.
- More than 1,200 International Baccalaureate students were enrolled in UF in spring 2015 – more than any other university in the United States. The freshman retention rate of 96 percent is among the highest in the country.
- Among AAU public universities, UF ranked first in master's degrees and second in bachelor's degrees awarded to Hispanic students in 2013.
- Sixty-seven percent of UF freshmen graduate in four years, and 88 percent of UF freshmen graduate within six years.
- Nearly two-thirds of UF graduates leave the university with no student-loan debt. For the remaining third, their average indebtedness is about \$20,708, as compared with the national average of roughly \$29,400.

**UF**

2015 FALL  
COMMENCEMENT



## Chain of Office

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

Corp. of Sarasota, Florida, were grown using a process developed and patented by UF's Department of Materials Science and Engineering.

## Academic Mace

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



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

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## Diplomas

Diplomas will be mailed to the graduate's permanent home mailing address in February 2016.

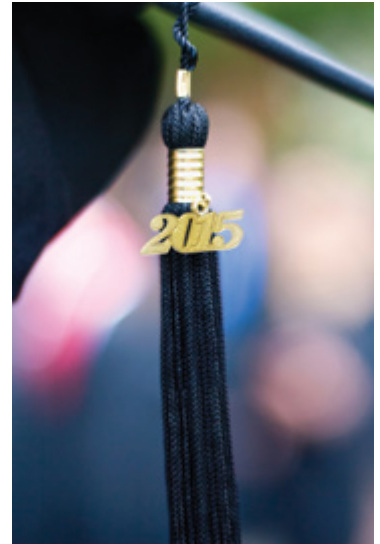
## Caps and Gowns, An Explanation

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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 19<sup>th</sup> 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.

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

Agriculture and Life Sciences; Forest Resources and Conservation - Maize

Arts - Brown

Audiology - Colonial Blue

Business Administration; Accounting - Drab

Dentistry - Lilac

Design, Construction and Planning; Building Construction - Blue Violet

Education - Light Blue

Engineering - Orange

Journalism and Communications - Garnet

Law - Purple

Liberal Arts - White

Liberal Sciences - Golden Yellow

Medicine - Green

Music - Pink

Natural Resources and Environment - Antique Gold

Philosophy - Royal Blue

Public Health - Salmon Pink

Rehabilitation Counseling - Nile Green





# UF

## Alma Mater

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

Milton Yeats