

Commencement

UF | UNIVERSITY of
FLORIDA
The Foundation for The Gator Nation

Commencement
SPRING 2016



University of Florida President

Dr. W. Kent Fuchs

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

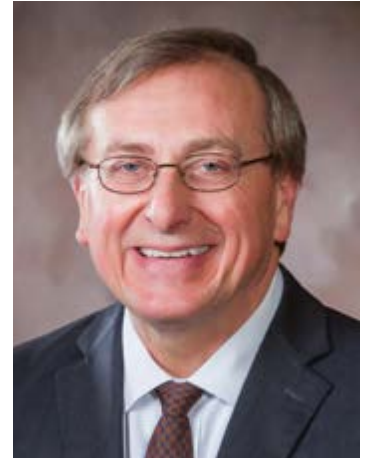
Most recently the provost of Cornell University, Dr. Fuchs' experience combines academic leadership as a provost, dean and department chair; a distinguished career as an engineering professor; and graduate education in both engineering and divinity. In accepting the presidency, Dr. Fuchs outlined his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

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

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

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

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



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

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

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

UF

2016 SPRING
COMMENCEMENT

Greetings from the President



*O*n behalf of the University of Florida, our faculty and our entire university community, I would like to extend my deepest congratulations to you, the Doctoral Graduates of 2016.

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. We hope you will recall these years fondly, and that you will remain connected to UF as active members of our distinguished alumni.

Good luck, best wishes, and Go Gators!

W. Kent Fuchs

University of Florida Leadership

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President

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Vice President - Student Affairs

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

David Norton, Ph.D.
Vice President - Research

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

DEANS OF THE UNIVERSITY

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

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

John Kraft, Ph.D.
Warrington College of Business

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.
Herbert Wertheim College of Engineering

Henry T. Frierson, Ph.D.
The 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 A. 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 – Thursday, April 28, 7:00 p.m.

Presiding	W. Kent Fuchs <i>President</i>
Processional.....	Gainesville Brass Quintet
National Anthem.....	Ronald Burrichter Gainesville Brass Quintet
Welcome and Introductions.....	W. Kent Fuchs
Awarding of Honorary Degree	W. Kent Fuchs
Presented by.....	Joseph Glover <i>Provost and Senior Vice President for Academic Affairs</i>
Doctor of Technology Presented to	Walden Rhines Portland, Oregon
Commencement Address	William Logan <i>UF Professor, College of Liberal Arts and Sciences</i>
Presenting Candidates for Doctoral Degrees	Joseph Glover
Conferring of Doctoral Degrees	W. Kent Fuchs
Alma Mater	Ronald Burrichter Gainesville Brass Quintet
Recessional.....	Gainesville Brass Quintet
Postlude.....	Gainesville Brass Quintet



ADDITIONAL COPIES of this commencement program are available while supplies last at the University of Florida Bookstore for a \$1 donation to the Machen Florida Opportunity Scholars program, which helps fund a UF education for low-income students who are first in 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. 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.

Honorary Degree – Doctor of Technology

Walden C. Rhines

Walden C. Rhines is chairman and chief executive officer of Mentor Graphics, a leader in worldwide electronic design automation with revenue of \$1.24 billion in 2014. During his tenure at Mentor Graphics, revenue has nearly quadrupled and Mentor has grown the industry's number one market share solutions in three of the ten largest product segments of the EDA industry.

Prior to joining Mentor Graphics, Dr. Rhines was executive vice president of Texas Instruments' Semiconductor Group, sharing responsibility for TI's Components Sector and having direct responsibility for the entire semiconductor business with more than \$5 billion of revenue and more than 30,000 people.

During his 21 years at TI, Dr. Rhines managed TI's thrust into digital signal processing and supervised that business from inception with the TMS 320 family of DSP's through growth to become the cornerstone of TI's semiconductor technology. He also supervised the development of the first TI speech synthesis devices (used in Speak & Spell) and is co-inventor of the GaN blue-violet light emitting diode (now important for DVD players and low-energy lighting). He was president of TI's Data Systems Group and held numerous other semiconductor executive management positions.

Dr. Rhines has served five terms as chairman of the Electronic Design Automation Consortium and is currently serving as a director. He also is a board member of the Semiconductor Research Corporation and First Growth Family & Children Charities. He has previously served as chairman of the Semiconductor Technical Advisory Committee of the Department of Commerce and as a board member of the Computer and Business Equipment Manufacturers' Association (CBEMA), SEMI-Sematech/SISA, Electronic Design Automation Consortium (EDAC), University of Michigan National Advisory Council, Lewis and Clark College and SEMATECH.



Dr. Rhines holds a Bachelor of Science degree in metallurgical engineering from the University of Michigan, a Master of Science and Ph.D. in materials science and engineering from Stanford University, a Master of Business Administration from Southern Methodist University and an Honorary Doctor of Technology degree from Nottingham Trent University.

Commencement Speaker

William Logan

William Logan graduated from Yale in 1972 with an intensive B.A. in American Studies. His long flirtation with early American history and game theory, as well as rock criticism, ended in poetry. He owes long debts to two writers with whom he studied senior year: Richard Howard, winner of the Pulitzer Prize in poetry, and David Milch, later the creator of *NYPD Blue* and *Deadwood*. Mr. Logan entered the Writers' Workshop at the University of Iowa, where his thesis director was Donald Justice, later his colleague at the University of Florida. Here Mr. Logan met his wife, the poet Debora Greger, who taught in the M.F.A. program at UF for 25 years. They spent two years in England, where they held Amy Lowell Poetry Traveling Scholarships.

Mr. Logan came to the University of Florida in 1983 as an assistant professor and director of the then M.A. program in Creative Writing. He was director for 17 years, when he moved to full-time teaching. During his tenure as director, he reformed admission policies, oversaw the hiring of new faculty, and created the M.F.A. program.

Mr. Logan is the author of ten volumes of poetry: *Sad-faced Men* (1982), *Difficulty* (1985), *Sullen Weedy Lakes* (1988), *Vain Empires* (1998), *Night Battle* (1999), *Macbeth in Venice* (2003), *The Whispering Gallery* (2005), *Strange Flesh* (2008), *Deception Island: Selected Earlier Poems* (2011), and *Madame X* (2012). *Rift of Light* will follow in 2017. He has published six books of essays and reviews: *All the Rage* (1998), *Reputations of the Tongue* (1999), *Desperate Measures* (2002), *The Undiscovered Country* (2005), *Our Savage Art* (2009), and *Guilty Knowledge, Guilty Pleasure* (2014).

Among the books he has edited are an expanded edition of Randall Jarrell's *Poetry and the Age* (2001); Donald Justice's *Collected Poems* (2004), nominated for the National Book Award; and an edition of John Townsend Trowbridge's *Guy Vernon* (2012). The latter brought back into print a long-forgotten long poem, originally published in 1878, on a disastrous marriage between a northern belle and a southern plantation owner.



Mr. Logan is known as a slightly temperamental critic – he would say honest.

Mr. Logan won the National Book Critics Circle award in criticism for *The Undiscovered Country*. Among his other honors are the Peter I. B. Lavan Younger Poets Award from the Academy of American Poets, the Citation for Excellence in Reviewing from the National Book Critics Circle, the Corrington Medal for Literary Excellence, the inaugural Randall Jarrell Award in Poetry Criticism, and the Aiken Taylor Award for Modern Poetry. He also has received two fellowships in poetry from the National Endowment for the Arts.

Mr. Logan is an Alumni/ae Professor of English and Distinguished Teaching-Scholar at the University of Florida. He has been called the “most hated man in American poetry” as well as the “best practical critic around.” The *New York Times Book Review* referred to him as “Samurai Critic.” He has been teaching at the University of Florida since shortly before the ozone hole was discovered over Antarctica.



UF Graduate School

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



Doctor of Philosophy

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

Doctor of Education

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

Doctor of Audiology

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

Doctor of Plant Medicine

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

Doctor of Physical Therapy

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

Doctor of Nursing Practice

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

GRADUATE SCHOOL

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

DOCTOR OF PHILOSOPHY

Jaafar Jabbar Abdulridha, Bachelor of Science, 1993, Master of Science, 2002, University of Baghdad—Iraq; Master of Science, 2015, University of Florida

Major: *Agricultural and Biological Engineering*

Dissertation: Detection of Laurel Wilt Disease for Avocado Trees Using Multispectral Imaging and a Spectrodiometer

Dissertation Chair: R. J. Ehsani

Heidi Elise Kloefkorn Adams, Bachelor of Science in Biomedical Engineering, 2011, Georgia Institute of Technology; Master of Science, 2015, University of Florida

Major: *Biomedical Engineering*

Dissertation: Examining the Nexus Amongst Joint Degeneration, Disability, and Chronic Pain Using a Rodent Model of Post-Traumatic Knee Osteoarthritis

Dissertation Chair: K. Allen

Sara Agnelli, Laurea in Lettre Classiche, 2006, Laurea Specialistica, 2009, Università Cattolica del Sacro Cuore—Italy

Major: *Classical Studies*

Dissertation: Galen on Tremor, Rigor, Palpitation and Spasm: A Critical Edition

Dissertation Chair: K. Kapparis

Akhil Raj Ahir, Bachelor of Engineering, 2008, Punjab Engineering College at Chandigarh—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

Razan Mhd Walid Al Fakir, Doctor of Medicine, 1994, Tishreen University—Syria; Doctor of Audiology, 2011, Nova University—Florida

Major: *Communication Sciences and Disorders*

Dissertation: Hearing Disability and Socioemotional Isolation in an Aging Population a Revolutionary Concept Analysis Using the World Health Organization's International Classification of Functioning Disability and Health

Dissertation Chair: A. E. Holmes

Samer G. Alam, Bachelor of Science, 2009, University of Wisconsin

Major: *Chemical Engineering*

Dissertation: Nuclear Forces and Gene Expression: An Analysis in Fibroblasts

Dissertation Chair: T. Lele

Ahmed Mohammed Alkhard, Bachelor of Science in Civil Engineering, 2009, King Abdulaziz University—Saudi Arabia; Master of Science, 2012, University of Florida

Major: *Civil Engineering*

Dissertation: Analysis of Influencing Factors on Safety Culture in the Construction Industry of Saudi Arabia

Dissertation Chair: R. D. Ellis Jr.

Hannah J. Allen, Bachelor of Science *cum laude*, 2010, University of Florida

Major: *Nutritional Sciences*

Dissertation: Ketogenic Therapy for Seizures: Metabolic Basis for Change in Nutrients Changing Phenotype

Dissertation Chair: P. L. Borum

- Abdullah Saleh Alsultan, Bachelor of Pharmaceutical Sciences, 2007, King Saud University—Saudi Arabia;
 Doctor of Pharmacy, 2011, Massachusetts College of Pharmacy & Health Science
 Major: *Pharmaceutical Sciences*
 Dissertation: Using Pharmacokinetics to Optimize the Dosing of Antituberculous Drugs
 Dissertation Chair: C. A. Peloquin
- Kristina Ballard Altes, Bachelor of Science, 2006, Western Washington University; Master of Arts, 2009, University of Florida
 Major: *Anthropology*
 Dissertation: The Effect of Body Size, Joint Area, and Bone Density on Age-Related Change at the Pubic Symphysis and Auricular Surface
 Dissertation Chair: M. W. Warren
- Ronit Amit Rojas, Bachiller en Biología, 2002, Universidad de Costa Rica; Magister Scientiae en Conservacion y Manejo de Vida Silverstre, 2006, Universidad Nacional—Costa Rica
 Major: *Wildlife Ecology and Conservation*
 Dissertation: Enhancing Coexistence with Jaguars and Pumas in Costa Rica: Stakeholder Analysis and Design of Community-Based Incentives
 Dissertation Chair: S. Jacobson
- 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
- Deborah J. Andrews, Bachelor of Arts *cum laude*, 1978, University of Maryland; Juris Doctor with honors, 1987, Master of Arts, 2012, University of Florida
 Major: *Anthropology*
 Dissertation: There's Something About Quinoa: Small-Scale Andean Farmers, Agrodiversity and the Globalization of the Market
 Dissertation Chair: M. C. Schmink
 Dissertation Co-chair: C. McCarty
- James A. Antonucci Jr., Master of Business Administration, 2006, University of New Haven—Connecticut;
 Bachelor of Science in Business Administration, 2009, Sacred Heart University—Connecticut
 Major: *Design, Construction, and Planning*
 Dissertation: Designing an Elder-Friendly Senior Living Community: A Longitudinal Study of the Village Vitality Program: Implications for the Built Environment
 Dissertation Chair: M. B. Portillo
 Dissertation Co-chair: N. Park
- Amanda J. Ardente, Bachelor of Science, 2002, Wilson College—Pennsylvania; Doctor of Veterinary Medicine, 2009, North Carolina State University
 Major: *Veterinary Medical Sciences*
 Dissertation: Investigating the Role Nutrition May Play in the Development of Ammonium Urate Nephrolithiasis in Common Bottlenose Dolphins, *Tursiops Truncatus*, Under Human Care
 Dissertation Chair: R. C. Hill
- Ayse Nur Arslan, Bachelor of Science, 2010, Bogazici University—Turkey
 Major: *Industrial and Systems Engineering*
 Dissertation: Polyhedral Techniques for Mixed Integer Programs Arising in Production Planning and Logistics
 Dissertation Chair: J. P. Richard
 Dissertation Co-chair: Y. Guan
- Laura M. Avila Segura, Titulo de Ingeniero Agronomo, 2001, Escuela de Agricultura de la Region Tropical Humeda—Costa Rica;
 Master of Science, 2006, University of Florida
 Major: *Interdisciplinary Ecology*
 Dissertation: Stingless Bee Foraging Ecology in Tropical Agricultural Landscapes
 Dissertation Chair: H. G. Hall

- Deepika Awasthi, Bachelor of Technology in Biotechnology, 2010, Sam Higginbottom Institute of Agriculture, Technology & Sciences—India
 Major: *Microbiology and Cell Science*
 Dissertation: Engineering *Bacillus subtilis* as a Microbial Biocatalyst for the Production of D-Lactic Acid
 Dissertation Chair: K. T. Shanmugam
- 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. Muzyczka
- 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
- Katherine Barko-Alva, Bachelor of Arts, 2004, Master of Education, 2009, University of Florida
 Major: *Curriculum and Instruction*
 Dissertation: A Dual Language Teacher Understanding of Academic Language in a 5th Grade Language Arts Classroom
 Dissertation Chair: E. J. De Jong
- Charles Edward Barrett, Bachelor of Science *cum laude*, 2009, Master of Science, 2011, University of Florida
 Major: *Horticultural Sciences*
 Dissertation: Development of a Plasticulture Cabbage Production System for Improvement of Best Management Practices, Environmental Stewardship and Sustainability in Florida
 Dissertation Chair: L. Zotarelli
- Savanna Carlyn Barry, Bachelor of Science, 2009, University of Virginia; Master of Science, 2012, University of Florida
 Major: *Fisheries and Aquatic Sciences*
 Dissertation: Assessing Structure, Resilience and Habitat Quality of *Thalassia testudinum* Meadows Along a Gradient in Nutrient Concentrations
 Dissertation Chair: T. K. Frazer
- Ashton N. Bartley, Bachelor of Science, 2011, College of Charleston—South Carolina; Master of Science, 2014, University of Florida
 Major: *Chemistry*
 Dissertation: Functional Molecules via Sequential Aminolysis of Benzotrifuranone
 Dissertation Chair: R. K. Castellano
- Adam McNeil Bates, Bachelor of Science, 2006, Bachelor of Arts, 2006, University of Maryland at College Park; Master of Science, 2012, University of Oregon
 Major: *Computer Science*
 Dissertation: Designing and Leveraging Trustworthy Provenance-Aware Architectures
 Dissertation Chair: K. Butler
- Sarah E. Bauer, Bachelor of Science *cum laude*, 2010, Master of Public Health, 2012, University of Georgia
 Major: *Health Services Research*
 Dissertation: Physician-Hospital Integration and Orthopaedic Joint Replacement Expenditures and Outcomes
 Dissertation Chair: J. S. Harman
- Joshua David Behl, Bachelor of Arts, 2011, Master of Arts, 2014, University of Florida
 Major: *Criminology, Law, and Society*
 Dissertation: Developing a Scale to Predict Bias in Civil Juror Damage Awards
 Dissertation Chair: L. M. Levett
- Douglas Martin Bennion, Bachelor of Science *cum laude*, 2009, Brigham Young University—Utah
 Major: *Medical Sciences—Physiology and Pharmacology*
 Dissertation: Targeting the Protective Renin Angiotensin System in Ischemic Stroke: Steps From Bench Toward Bedside
 Dissertation Chair: C. Sumners

- Michael T. Bentley, Bachelor of Arts, 2005, Master of Science, 2008, University of Florida
 Major: *Entomology and Nematology*
 Dissertation: Thermal Ecology and Management of the Invasive Tawny Crazy Ant, *Nylanderia fulva* (Mayr) (Hymenoptera: Formicidae)
 Dissertation Chair: F. M. Oi
- Nawaf Isam Ahmed Blaisi, Bachelor of Science, 2009, Master of Science, 2011, Michigan Technological University
 Major: *Environmental Engineering Sciences*
 Dissertation: Environmental Assessment of Industrial Waste Byproducts to Estimate the Release of Elements Under Different Disposal and Environmental Conditions
 Dissertation Chair: T. G. Townsend
- Karen M. Blyler, Bachelor of Science in Biological Sciences, 1974, Florida State University; Bachelor of Science in Education, 1976, Florida Atlantic University; Master of Science, 1987, Nova Southeastern University—Florida
 Major: *Agricultural Education and Communication*
 Dissertation: A Qualitative Exploration of Experiential Learning in 4-H Clubs
 Dissertation Chair: E. W. Osborne
- Olufemi Daniel Bolarinwa, Bachelor of Agriculture, 2006, Federal University of Agriculture at Abeokuta—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
- Christopher Charles Bowland, Bachelor of Science *summa cum laude*, 2012, University of Tennessee at Knoxville; Master of Science, 2013, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: Conformal Growth Method of Ferroelectric Materials for Multifunctional Composites
 Dissertation Chair: H. Sodano
- Paul M. Bremner, Bachelor of Science, 2009, University of Central Florida
 Major: *Geology*
 Dissertation: Three Dimensional Crustal Shear-Wave Velocity of Central Idaho/ Eastern Oregon and a Verified Method for Modeling Upper Mantle Anisotropy
 Dissertation Chair: M. Panning
- Carrie Ann Brown, Bachelor of Arts, 2004, Lawrence University—Wisconsin; Master of Arts, 2009, California State University at Chico
 Major: *Anthropology*
 Dissertation: Maxillary Sutures as an Indicator of Adult Age at Death: Reducing Error and Codifying Approaches
 Dissertation Chair: M. W. Warren
- Molly Buchanan, Bachelor of Arts in Psychology *magna cum laude*, 2008, Framingham State College—Massachusetts
 Major: *Criminology, Law, and Society*
 Dissertation: The Interplay of Fathers' Histories of Criminal Justice System Involvement on Social Capital, Parenting Capacities and Offspring's Outcomes: An Intergenerational, Structural Equation Approach
 Dissertation Chair: M. D. Krohn
- 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 and Job Satisfaction and the Intrinsic and Extrinsic Factors
 Dissertation Chair: B. A. Weber
- Michael S. Butler, Bachelor of Music, 2006, Tennessee Technological University; Master of Music, 2008, University of Florida
 Major: *Music Education*
 Dissertation: High School Band Directors' Pedagogical Approaches to Teaching Expressive Performance
 Dissertation Chair: W. Bauer

- Vincent L. Cannataro, Bachelor of Science, 2010, State University of New York at Geneseo
 Major: *Zoology*
 Dissertation: The Influence of Small Stem Cell Niche Sizes on Tissue Homeostasis, Aging, and Tumorigenesis
 Dissertation Chair: C. M. St. Mary
 Dissertation Co-chair: S. McKinley
- Jessica-Jean Casler, Bachelor of Arts, 2008, Texas Tech University; Master of Arts, 2012, University of Florida
 Major: *Anthropology*
 Dissertation: Short-Term Medical Missions in Urban Nicaragua: An Ethnography of Patient Use and Social Network Analysis of Health Care System Integration
 Dissertation Chair: C. C. Gravlee IV
- Poulomy Chakraborty, Master of Arts, 2004, Banaras Hindu University—India; Master di Livello, 2006, Sapienza Universita di Roma—Italy
 Major: *Public Health*
 Dissertation: Influence of Gender and Social Disparities on WASH Associated Outcomes in Peri-urban Households of Kenya
 Dissertation Chair: R. D. Rheingans
- Willandia Chaves Didier, Licenciado em Ciencias Biologicas, 2001, Universidade Federal do Acre—Brazil; Master of Science, 2009, University of Florida
 Major: *Interdisciplinary Ecology*
 Dissertation: Wild Meat Consumption in the Central Amazon, Brazil: Evaluating Drivers and Conservation Strategies
 Dissertation Chair: K. E. Sieving
 Dissertation Co-chair: M. C. Monroe
- Min Chen, Bachelor of Engineering, 2011, University of Science and Technology of China; Master of Science, 2015, University of Florida
 Major: *Computer Science*
 Dissertation: Improving Efficiency, Security and Privacy of the Internet of Things - From RFID to Networked Tags
 Dissertation Chair: S. Chen
- Nusheng Chen, Bachelor of Engineering, 2010, Northwest A&F University—China
 Major: *Agricultural and Biological Engineering*
 Dissertation: Preparation and Modification of Cellulose as Tunable Functional Materials
 Dissertation Chair: Z. Tong
- Joonseok Cho, Bachelor of Engineering, 2001, Master of Science, 2005, Handong Global University—South Korea
 Major: *Medical Sciences—Molecular Cell Biology*
 Dissertation: The Role of Adenine Nucleotide Translocase 2 in Mouse Development and Adult Organs
 Dissertation Chair: N. Terada
 Dissertation Co-chair: S. Oh
- Abbey Kaigera Chokera, Bachelor of Education, 2003, Master of Music, 2005, Kenyatta University—Kenya
 Major: *Music Education*
 Dissertation: The Effects of a Music Methods Course on Kenyan Pre-Service Generalist Primary School Teacher's Perceived Confidence and Competence to Teach Music
 Dissertation Chair: R. L. Robinson
- Christian Thomas Christensen, Bachelor of Science, 2009, Master of Science, 2012, University of Florida
 Major: *Horticultural Sciences*
 Dissertation: Alternative Sampling Methodologies for the Identification of Nue Traits in *Solanum Chacoense*
 Dissertation Chair: L. Zotarelli
- Stephen Mark Chrzanowski, Bachelor of Science in Biomedical Engineering, 2010, University of Cincinnati—Ohio
 Major: *Medical Sciences—Physiology and Pharmacology*
 Dissertation: Near Infrared Optical Imaging and Magnetic Resonance Characterization of Dystrophic and Damaged Muscle
 Dissertation Chair: G. A. Walter
 Dissertation Co-chair: B. J. Byrne

- William A. Ciconte III, Bachelor of Science, 2005, Bachelor of Arts, 2005—University of Delaware;
Master of Accounting & Professional Consultancy
Major: *Business Administration—Accounting*
Dissertation: The Role of Auditor Advertising in Audit Market Competition and Accounting Service Provision
Dissertation Chair: W. R. Knechel
- Christopher N. Cleveland, Bachelor of Science, 2008, Bachelor of Arts, 2008, University of St. Thomas—Minnesota
Major: *Chemical Engineering*
Dissertation: Corrosion of Copper in Deaerated Deionized Water, Geometric Capacitance and Dielectric Relaxation of a Planar Disk Electrode in Synthetic Motor Oil, and Frequency Dispersion Effects of Ring Electrode
Dissertation Chair: M. E. Orazem
- Richard S. Coffey, Bachelor of Science *cum laude*, 2011, University of Florida
Major: *Nutritional Sciences*
Dissertation: Mechanisms of Non Transferrin Bound Iron Uptake by Human Π Cells and the Role of Iron in Diabetic Pathology
Dissertation Chair: M. D. Knutson
- Iordania Constantinou, Bachelor of Mechanical Engineering, 2011, Cyprus University of Technology; Master of Science, 2013, University of Florida
Major: *Materials Science and Engineering*
Dissertation: The Effects of Materials and Processing on Organic Photovoltaics
Dissertation Chair: F. F. So
- Nicole Marie Cranley, Bachelor of Science *magna cum laude*, 2009, Master of Science, 2012, University of Tennessee at Chattanooga
Major: *Public Health*
Dissertation: Understanding Treatment Decision Making Among Patients with Colorectal Cancer
Dissertation Chair: B. A. Curbow
- Soham Das, Bachelor of Technology, 2010, West Bengal University of Technology—India; Master of Technology in Computer Science and Engineering, 2012, Indian Institute of Technology at Delhi—India
Major: *Computer Science*
Dissertation: Topology Optimization for Aggregation in Data Center Networks
Dissertation Chair: S. K. Sahni
- Calvin G. Davis III, Bachelor of Science in Polymer and Fiber Chemistry, 2011, Clemson University—South Carolina
Major: *Materials Science and Engineering*
Dissertation: Glass Ceramic Approaches for Energy Storage Materials
Dissertation Chair: J. C. Nino
- 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
- Daniel Delitto, Bachelor of Science in Biomedical Engineering *magna cum laude*, 2007, Washington University in St. Louis—Missouri; Doctor of Medicine, 2011, University of Pittsburgh—Pennsylvania
Major: *Medical Sciences—Immunology and Microbiology*
Dissertation: The Stromal Innate Immune Response to Pancreatic Cancer Suppresses Adaptive Immunity
Dissertation Chair: S. M. Waller
- Yan Deng, Bachelor of Engineering, 2010, University of Science and Technology of China; Master of Science, 2015, University of Florida
Major: *Computer Science*
Dissertation: Novel Algorithms for Uni- and Multi-Modal Image Segmentation
Dissertation Chair: B. C. Vemuri
Dissertation Co-chair: A. Rangarajan
- Nathaniel Robert Deyo, Bachelor of Arts, 2009, Michigan State University; Master of Arts, 2011, University of Florida
Major: *English*
Dissertation: Hollywood's Inward Turn: Stylistic Self-Reflexivity in Film Noir
Dissertation Chair: R. B. Ray

Saleh Dindar, Bachelor of Science, 2009, Sharif University of Technology—Iran

Major: *Computer Engineering*

Dissertation: Interactive Soft-Tissue Authoring for Teaching Surgical Procedures

Dissertation Chair: J. Peters

Darsa Donelan, Bachelor of Science in Physics, 2009, Bachelor of Arts in Mathematics *summa cum laude*, 2009, Massachusetts College of Liberal Arts; Master of Science, 2011, University of Florida

Major: *Physics*

Dissertation: The Effects of Atmospheric Gravity Waves on the Atmosphere of Titan

Dissertation Chair: K. I. Matcheva

He Du, Bachelor of Science, 2007, Leaching University—China; Master of Sciences, 2010, Chinese Academy of Sciences—China

Major: *Entomology and Nematology*

Dissertation: Age Polyethism in the Formosan Subterranean Termite, *Coptotermes formosanus* Shiraki

Dissertation Chair: N. Su

Can Duan, Bachelor of Engineering, 2011, Beijing Institute of Technology—China; Master of Science, 2014, University of Florida

Major: *Electrical and Computer Engineering*

Dissertation: Planar and Integrated MEMS Micromirrors Based Endoscopic Optical Coherence Tomography

Dissertation Chair: H. Xie

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

Ralph G. Easterly III, Bachelor of Science, 2008, North Carolina State University; Master of Science, 2010, University of Florida

Major: *Agricultural Education and Communication*

Dissertation: Personal Resilience as a Predictor of Professional Development Engagement and Career Satisfaction of Agriscience Teachers

Dissertation Chair: B. E. Myers

John Eric Ezell, Bachelor of Science in Forest Management *magna cum laude*, 2008, Bachelor of Science in Geosciences *magna cum laude*, 2008, Master of Science in Geosciences, 2010, Mississippi State University

Major: *Geology*

Dissertation: Environmental Controls on Carbonate Mineral Dissolution: Rates and Magnitudes

Dissertation Chair: J. B. Martin

Annette Maleen Fahrenkrog Hashagen, Titulo de Bioquimico, 2007, Universidad Austral de Chile

Major: *Plant Molecular and Cellular Biology*

Dissertation: Assessment of Genetic Diversity and Dissection of the Genetic Regulation of Bioenergy Traits and Adaptation to Climate in *Populus Deltoides*

Dissertation Chair: M. Kirst

Scott G. Feinstein, Bachelor of Arts, 2004, Concordia College—Minnesota; Master of Arts, 2011, University of Florida

Major: *Political Science*

Dissertation: The Political Foundations of Secession, Stability, and Chaos: Russia, Moldova, Ukraine

Dissertation Chair: B. B. Smith

Dissertation Co-chair: M. H. Bernhard

Daniel E. Felsing, Bachelor of Music *cum laude*, 2011, Bachelor of Science *summa cum laude*, 2011, University of Florida

Major: *Pharmaceutical Sciences—Medicinal Chemistry*

Dissertation: Drug Discovery Targeting Serotonin G Protein-Coupled Receptors in the Treatment of Neuropsychiatric Disorders

Dissertation Chair: R. G. Booth

Dissertation Co-chair: K. B. Sloan

Chessy M. Fernandez, Bachelor of Biomedical Engineering, 2000, Catholic University of America—District of Columbia; Master of Engineering, 2003, University of Florida

Major: *Biomedical Engineering*

Dissertation: Development of an Efficient Fluid Structure Interaction Solver for Applications to the Vascular System

Dissertation Chair: R. Tran Son Tay

- Laura Ashley Fleites, Bachelor of Science in Advertising, 2004, Master of Science, 2011, University of Florida
 Major: *Plant Pathology*
 Dissertation: Studies on *Candidatus Liberibacter asiaticus* Bacteriophages SC1 and SC2: Regulation, Lysogeny and Lysis
 Dissertation Chair: D. W. Gabriel
- Audrey Sue Flemming, Bachelor of Arts in Spanish, 2006, Bachelor of Arts in Political Science *magna cum laude*, 2006, Coe College—Iowa; Master of Arts, 2010, University of Florida
 Major: *Political Science*
 Dissertation: Reel Democracy: The Politics of Cinema in Cuba
 Dissertation Chair: L. E. Anderson
- Norma Cristina 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
- Adeline D. Fournet
 Major: *Chemistry*
 Dissertation: Exploration of New Physical Properties in the Family of Mn₁₂ Single-Molecule Magnets
 Dissertation Chair: G. Christou
- Kevin Bruce Funk, Bachelor of Arts *summa cum laude*, 2005, University of Pittsburgh—Pennsylvania; Master of Arts, 2012, University of Florida
 Major: *Political Science*
 Dissertation: Between National Attachments, Rooted Transnationalism, and Borderless Utopias: Searching for Imagined Communities in Latin America's Booming Economic Relations with the Arab World
 Dissertation Chair: I. Oren
- Uttam Prasad Gaulee, Master in Education, 2002, Tribhuvan University—Nepal; Master of Education, 2012, University of Pittsburgh—Pennsylvania
 Major: *Higher Education Administration*
 Minor: *Entrepreneurship*
 Dissertation: American Students' Experiences with Their International Peers On Campus: Gleaning the Roadblocks and Pathways of Global Engagement
 Dissertation Chair: D. F. Campbell
 Dissertation Co-chair: D. Miller
- Paula Lee Gavin, Bachelor of Science, 1996, George Mason University—Virginia; Master of Science in Mathematics, 1998, Virginia Polytechnic Institute and State University
 Major: *Curriculum and Instruction*
 Dissertation: Student Achievement and Classroom Connectivity Technology in a Two-Year College Mathematics Classroom
 Dissertation Chair: T. L. Adams
- Juan Pablo Gomez Echeverri, Titulo de Biologo, 2006, Magister en Ciencias Biologicas, 2009, Universidad de Los Andes—Colombia
 Major: *Zoology*
 Dissertation: Influence of Climate on the Origin and Maintenance of Tropical Bird Communities
 Dissertation Chair: S. K. Robinson
 Dissertation Co-chair: J. M. Ponciano Castellanos
- Christina L. Graves, Bachelor of Science in Biology, 2011, Georgia Institute of Technology
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: Contribution of Intestinal Epithelial Cell Innate Immune Function to Skewing of Innate and Adaptive Immunity in Type 1 Diabetes
 Dissertation Chair: S. M. Wallet

David McCaskill Gray, Bachelor of Science in Electrical Engineering, 1985, Master of Engineering, 1989, University of Florida

Major: *Electrical and Computer Engineering*

Dissertation: Classifier Training Set Augmentation by Warping Synthetic Data in a Subspace Manifold

Dissertation Chair: J. C. Principe

Dissertation Co-chair: J. G. Harris

Dawn M. Graziani, Bachelor of Arts, 1994, Lenoir-Rhyne College—North Carolina; Master of Education, 1999, University of Florida

Major: *Curriculum and Instruction*

Dissertation: The Transition to Being a College Writer for Nontraditional, Underprepared Students Navigating a Pathway From Developmental Writing

Dissertation Chair: J. S. Townsend

Jeanette Faith Green, Bachelor of Science in Nursing, 2006, Master of Science in Nursing, 2008, University of Central Florida

Major: *Nursing Sciences*

Dissertation: Constructing the Process of Healthcare Decision-Making by Adolescent Athletes Post Sport-Related Concussion

Dissertation Chair: P. Pieper

Khanh Ha, Diplom Kvalifikatsiya, 2009, Irkutsk State Technical University—Russia

Major: *Chemistry*

Minor: *Pharmaceutical Sciences*

Dissertation: Development of Strategies for the Coupling and Cyclization of Peptides and Synthesis of Polyketide Fragments for Modified Peptides

Dissertation Chair: H. Luesch

Natalie Aviva Hadad, Bachelor of Arts, 2005, Syracuse University—New York; Master of Arts, 2010, Teachers College Columbia University—New York

Major: *Psychology*

Dissertation: Corticosterone and Gene Expression in a Novel Animal Model of Comorbid PTSD and Cocaine Dependence

Dissertation Chair: L. Knackstedt

Jungsoo Han, Bachelor of Science, 2006, Master of Science, 2008, Chung-Ang University—South Korea

Major: *Chemistry*

Dissertation: Chemical Signaling in *Caenorhabditis elegans* and Interactions with Microorganisms

Dissertation Chair: R. A. Butcher

Kin-Lan Han, Bachelor of Science, 1997, Cornell University—New York; Master of Science, 2006, University of Maryland at College Park

Major: *Zoology*

Dissertation: Population Genetics of Brown-Headed Nuthatches (*Sitta pusilla*)

Dissertation Chair: R. T. Kimball

Scott W. Harden, Bachelor of Science, 2007, Union University—Tennessee; Master of Science, 2009, University of Central Florida

Major: *Medical Sciences—Neuroscience*

Dissertation: Oxytocinergic Modulation of Hippocampal Neurotransmission

Dissertation Chair: C. J. Frazier

Kathryn Leigh Harris, Bachelor of Science in Materials Science and Engineering *cum laude*, 2011, University of Florida

Major: *Materials Science and Engineering*

Dissertation: Tribochemical Interactions of a PTFE/ β -Alumina Composite at the Sliding Interface: a Mechanism for Ultra Low Wear

Dissertation Chair: W. G. Sawyer

Christopher P. Heagney, Bachelor of Science in Electrical Engineering, 2006, Master of Science, 2010, University of Florida

Major: *Electrical and Computer Engineering*

Dissertation: Digital Radio Frequency Memory Synthetic Instrument Enhancing US Navy Automated Test Equipment Mission

Dissertation Chair: J. Lin

- Seth B. Heinert, Bachelor of Science, 2005, University of Wyoming; Master of Science, 2009, University of Nebraska at Lincoln
 Major: *Agricultural Education and Communication*
 Dissertation: Describing Characteristics of and Best Practices in Entrepreneurship Education for Exemplary School-Based Agricultural Education Programs: A Multiple Case Mixed Methods Study
 Dissertation Chair: T. G. Roberts II
- Shanjun Helian, Bachelor of Engineering, 2009, Southwest Jiaotong University—China; Master of Science, 2011, University of Central Florida
 Major: *Biostatistics*
 Dissertation: Structural Nested Modeling and Penalized Correlation Methods for Clinical Trials
 Dissertation Chair: B. A. Brumback
- Kelsey Sarah Henderson, Bachelor of Arts, 2011, Master of Arts, 2013, University of Florida
 Major: *Criminology, Law, and Society*
 Dissertation: Investigating Predictors of True and False Guilty Pleas
 Dissertation Chair: L. M. Levett
- José Javier Hernández Ayala, Bachelor of Arts *summa cum laude*, 2010, University of Puerto Rico at Rio Piedras; Master of Science, 2012, University of Akron—Ohio
 Major: *Geography*
 Dissertation: Climatology of Tropical Cyclone Rainfall Over Puerto Rico: Processes, Patterns and Impacts
 Dissertation Chair: C. J. Matyas
- 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
- Yih-Feng Hsieh, Bachelor of Science, 2005, Bachelor of Science in Agriculture, 2005, Master of Science, 2008, National Taiwan University
 Major: *Plant Molecular and Cellular Biology*
 Dissertation: Characterizing Late Leaf Spot Disease in Peanut via Transgenic and Molecular Approaches
 Dissertation Chair: J. Wang
 Dissertation Co-chair: M. Gallo
- Haiqing Huang, Bachelor of Engineering, 2007, Master of Engineering, 2010, Southeast University—China
 Major: *Biomedical Engineering*
 Dissertation: Functional and Structural Connectivity in the Human Brain
 Dissertation Chair: M. Ding
- Ping Huang, Bachelor of Science, 2006, Tunghai University—Taiwan; Master of Science, 2010, University of Florida
 Major: *Zoology*
 Dissertation: Behavioral Syndrome, Stress Hormone, Melanin-Based Morphological Trait and Urban-Rural Variation of Northern Cardinals (*Cardinalis Cardinalis*)
 Dissertation Chair: R. T. Kimball
 Dissertation Co-chair: C. M. St. Mary
- Christopher Santiago Robert Hughes, Bachelor of Science in Mechanical Engineering *cum laude*, 2012, Bachelor of Science in Nuclear Engineering *cum laude*, 2012, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Multiphysics Analysis of Supercritical Fluids for Nuclear Reactor Application
 Dissertation Chair: D. Schubring
- Emma Maria Viktoria Hyddmark, Bachelor of Science, 2011, Florida Gulf Coast University
 Major: *Medical Sciences—Genetics*
 Dissertation: Modulation of Tumorigenic Potential of Osteosarcoma Cells Through Re-Patterning of the Epigenome
 Dissertation Chair: S. C. Ghivizzani

- Tyler P. Jacoby, Bachelor of Science, 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
- Dan J. Jakubowski, Bachelor of Arts *magna cum laude*, 2006, Oakland University—Michigan; Master of Science, 2010, Pratt Institute—New York
 Major: *Art History*
 Dissertation: Concentric Modernities: A History of Contemporary Egyptian Video Art
 Dissertation Chair: V. L. Rovine
 Dissertation Co-chair: J. Tsai
- Sanaa A. Jaman, Bachelor of Science in Mathematics, 2009, University of Wisconsin at River Falls
 Major: *Environmental Engineering Sciences*
 Dissertation: Prediction of Granular Activated Carbon Performance for Taste and Odor Causing Compounds
 Dissertation Chair: D. W. Mazyck
- Wonseok Jang, Bachelor of Physical Education, 2007, Kyung Hee University—South Korea; Master of Science, 2012, University of Florida
 Major: *Health and Human Performance*
 Dissertation: The Effects of Different Types of Choice Goal on Consumers' Happiness and Product Evaluation Depending on the Levels of Efforts to Make Choices
 Dissertation Chair: Y. J. Ko
- Emily Rose Johnson, Bachelor of Science in Applied Physiology and Kinesiology *cum laude*, 2011, Master of Science, 2012, University of Florida
 Major: *Health and Human Performance*
 Minor: *Child and Adolescent Development*
 Dissertation: Maternal Psychological Control and Body Image Dissatisfaction Among College Undergraduate Students
 Dissertation Chair: C. B. Stopka
- Rosalyn D. Johnson, Bachelor of Arts, 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
- Ashley M. Jones, Bachelor of Arts, 2006, University of California at Santa Cruz
 Major: *Aerospace Engineering*
 Dissertation: Unsteady Circulation Control for High-Performance Low-Noise Aircraft
 Dissertation Chair: L. N. Cattafesta III
 Dissertation Co-chair: M. Sheplak
- Jared Anthony Jones, Bachelor of Science in Mechanical Engineering *cum laude*, 2010, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Design of Serial Link Manipulators for End Effector Impedances
 Dissertation Chair: S. A. Banks
- 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
- Michael David Kellar, Bachelor of Arts, 2010, Skidmore College—New York; Bachelor of Engineering, 2011, Dartmouth College—New Hampshire; Master of Science, 2012, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: Strategies for Next Generation Secondary Battery Technology
 Dissertation Chair: B. M. Moudgil

- Ryan Patrick Kelley, Bachelor of Science, 2007, United States Naval Academy—Maryland; Master of Science, 2013, University of Florida
Major: *Nuclear Engineering Sciences*
Dissertation: Used Fuel Storage Monitoring Using Novel ⁴He Scintillation Fast Neutron Detectors and Neutron Energy Discrimination Analysis
Dissertation Chair: K. Jordan
- Stefan J. Kelly, Bachelor of Science, 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
- Sungsik Kim, Bachelor of Engineering, 2002, Kyung Hee University—South Korea; Master of Science, 2011, University of Florida
Major: *Mechanical Engineering*
Dissertation: DFT Study and Kinetic Model for Investigating Oxidation of Methane Over Bimetallic Catalyst
Dissertation Chair: D. W. Mikolaitis
- Jessica Lynn King, Bachelor of Science in Health Education *cum laude*, 2007, Master of Science, 2008, University of Florida
Major: *Public Health*
Dissertation: Factors Related to Nicotine Replacement Therapy for Adolescent Smoking Cessation
Dissertation Chair: J. L. Pomeranz
- Meghan Laurel Elizabeth Kirkwood, Bachelor of Arts, 2004, Grinnel College—Iowa; Bachelor of Fine Arts, 2006, Rhode Island School of Design; Master of Fine Arts, 2009, Tulane University—Louisiana; Master of Arts, 2011, University of Kansas
Major: *Art History*
Dissertation: The Representation of Landscape in Contemporary South African Photography
Dissertation Chair: V. L. Rovine
- Jaclyn Marie Koopmann, Bachelor of Science in Business Administration *summa cum laude*, 2006, College of Charleston—South Carolina; Master of Science, 2009, Texas A&M University
Major: *Business Administration—Management*
Dissertation: A Theoretical Model of Autonomous Helping and Dependent Helping in Teams
Dissertation Chair: M. Wang
- Helena Laciuga, Magister Sztuki, 1994, Akademia Muzyczna im Stanislaw Moniuszkic—Poland; Master of Arts, 2011, University of Florida
Major: *Communication Sciences and Disorders*
Dissertation: Voluntary Cough Airflow Dynamics and True Vocal Fold Kinematics in Persons with Reduced True Vocal Fold Mobility
Dissertation Chair: K. W. Hegland
- John J. Lagrosa IV, Bachelor of Economics, 2006, University of South Florida; Master of Science, 2010, University of Florida
Major: *Forest Resources and Conservation*
Dissertation: An Integrated Approach to Projecting Changes in Carbon Storage Within a Land-Use/Land Cover Context for a Subtropical Urban Watershed
Dissertation Chair: M. G. Andreu
- Arthur Leal, Bachelor of Science, 2011, Master of Science, 2013, University of Arkansas
Major: *Agricultural Education and Communication*
Dissertation: Career Readiness of Agricultural Communication Undergraduate Alumni: A Three-Tiered Perspective
Dissertation Chair: R. W. Telg
Dissertation Co-chair: J. N. Rumble
- Sharon Hanna Lebron Gonzalez, Bachelor of Science in Biomedical Engineering, 2009, University of Miami—Florida; Master of Science, 2013, University of Florida
Major: *Biomedical Engineering*
Dissertation: Automation of a Linear Accelerator Dosimetric Quality Assurance Program
Dissertation Chair: C. Liu
Dissertation Co-chair: G. Yan

- Seul Lee, Bachelor of Advertising and Public Relations, 2004, Chung-Ang University—South Korea; Master of Arts, 2007, University of Georgia
 Major: *Mass Communication*
 Dissertation: The Effects of Media Bound Factors On Cause Related Marketing Audience's Attitudes and Behavioral Intention
 Dissertation Chair: C. R. Morton Padovano
- Flávia Lana Leite, Bacharel, 2003, Fundacao Joao Pinheiro—Brazil; Master of Public Affairs, 2006, University of Texas at Austin; Master of Arts, 2009, University of Florida
 Major: *Sociology*
 Dissertation: Modern Conflicts over Conservation and Development of the Amazon: The Case of the Conflict Over the Construction of the Belo Monte Hydroelectric Dam in Brazil
 Dissertation Chair: S. G. Perz
- Sarah Leigh Lennox, Bachelor of Arts *summa cum laude*, 2006, Assumption College—Massachusetts; Master of Arts, 2007, Clark University—Massachusetts
 Major: *English*
 Dissertation: Reading the Body: Physiognomy, Disfigurement, and Disguise in the British Sensation Novel of the 1860s and 70s
 Dissertation Chair: P. K. Gilbert
- Devin Courtney Lewis, Bachelor of Science, 2002, Johnson and Wales University—Rhode Island; Master of Science, 2010, University of Florida
 Major: *Food Science*
 Dissertation: Risk Assessment of Fumonisin B₂ Contamination of Muscadine Wine and Grape Juice as a Major Risk to Human Health
 Dissertation Chair: R. M. Goodrich
- Kunhua Li, Bachelor of Science, 2010, Peking University—China; Master of Science in Teaching, 2014, University of Florida
 Major: *Chemistry*
 Dissertation: Structural Insight Into Microbial Natural Product Pathways
 Dissertation Chair: S. D. Bruner
- Li Li, Bachelor of Economics, 2005, Tianjin University of Finance & Economics—China; Master of Science, 2008, Hogskolan Dalarna—Sweden; Master of Economics, 2009, Tianjin University of Finance & Economics—China
 Major: *Biostatistics*
 Dissertation: Adjusting for Confounding Due to Unmeasured Characteristics That Vary Across the Levels of One or Two Factors
 Dissertation Chair: B. A. Brumback
- Steven Lynn Lichty, Bachelor of Arts, 1994, Goshen College—Indiana; Master of Arts, 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
- Deoksu Lim, Bachelor of Engineering, 2000, Master of Engineering, 2003, Korea University—South Korea; Master of Science, 2012, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Sparse Radar Imaging and Automatic Target Recognition
 Dissertation Chair: J. Li
- Xin Lin, Bachelor of Engineering, 2011, Zhejiang University—China; Master of Science, 2013, University of Florida
 Major: *Chemical Engineering*
 Dissertation: The Stability of a Pendent Drop and a Closed Liquid Bridge
 Dissertation Chair: R. Narayanan
 Dissertation Co-chair: L. E. Johns
- Chanda Jones Littles, Bachelor of Science, 2003, Texas A&M University; Master of Science, 2005, University of Florida
 Major: *Interdisciplinary Ecology*
 Dissertation: An Investigation of Wintering Florida Manatee Population Dynamics at Multiple Scales
 Dissertation Chair: T. K. Frazer
 Dissertation Co-chair: S. S. Pilyugin

Jun Liu, Bachelor of Engineering, 1999, Shandong University—China; Master of Engineering, 2004, Shanghai University—China

Major: *Electrical and Computer Engineering*

Dissertation: Scalable and Synthesizable High Performance Analog/Mixed Signal Circuit Design

Dissertation Chair: N. Maghari

Patrick Dominic Lomenzo, Bachelor of Science in Electrical Engineering *cum laude*, 2012, University of Florida

Major: *Electrical and Computer Engineering*

Dissertation: Ferroelectric and Antiferroelectric Properties of HfO₂-Based Thin Films

Dissertation Chair: T. Nishida

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

Jennifer A. Lyon, Bachelor of Science in History *magna cum laude*, 2006, Bachelor of Science in Political Science, 2006, Kansas State University; Master of Arts, 2010, University of Florida

Major: *History*

Dissertation: “Cleaning up Hell with a Tooth Brush”: Prohibition, Booze, and Bootlegging in Memphis, Tennessee, 1909-1939

Dissertation Chair: W. Link

Kyungah Maeng, Bachelor of Science, 2006, Master of Science, 2008, Sung Kyun Kwan University—South Korea

Major: *Medical Sciences—Molecular Cell Biology*

Dissertation: Biological and Therapeutic Implications of Thymidylate Synthase in Pancreatic Neuroendocrine Tumors

Dissertation Chair: M. Zajac-Kaye

Brian P. Mahon, Bachelor of Science, 2011, Wesley College—Delaware

Major: *Medical Sciences—Biochemistry and Molecular Biology*

Dissertation: Towards the Design of Next Generation Carbonic Anhydrase IX Inhibitors: A Biophysical Approach to Anti-Cancer Treatment

Dissertation Chair: R. McKenna

Jerome J. Maleski, Bachelor of Science, 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

Heather Tiffany Daniel Maness, Bachelor of Science, 2007, Master of Science, 2009, University of Florida

Major: *Agricultural Education and Communication*

Minor: *Higher Education Administration*

Dissertation: Essential Curriculum Components for Preparing Aquatic Animal Health Veterinarians

Dissertation Chair: T. G. Roberts II

Rasha Abdul-Rasheed Mansouri, Bachelor of Science, 1998, Master of Science, 2003, King Abdulaziz University—Saudi Arabia

Major: *Nutritional Sciences*

Dissertation: Cranberry Extract Initiates Intrinsic Apoptosis in HL-60 Cells by Increasing Bad Activity Through the Inhibition of Akt Phosphorylation

Dissertation Chair: S. S. Percival

Jackelyn A. Martinez, Bachelor of Science in Materials Science and Engineering *cum laude*, 2010, Master of Science, 2012, University of Florida

Major: *Materials Science and Engineering*

Dissertation: Methodologies and Tools for the Development of Empirical Potentials with Applications for Nitrogen Containing Systems

Dissertation Chair: S. R. Phillpot

Andrea Michelle Matuska, Bachelor of Science, 2011, Kettering University—Michigan; Master of Science, 2014, University of Florida

Major: *Biomedical Engineering*

Dissertation: Biomaterial Development and Culture Paradigms to Enhance TMJ Disc Regeneration

Dissertation Chair: P. S. McFetridge

- Kelsi M. Matwick, Bachelor of Arts *summa cum laude*, 2005, University of Notre Dame—Indiana; Master of Arts, 2013, University of Florida
 Major: *Linguistics*
 Dissertation: A Critical Discourse Analysis of Food and Gender in Cookbooks by Female Celebrity Chefs
 Dissertation Chair: A. K. Wehmeyer
- Keri M. Matwick, Bachelor of Arts, 2005, University of Notre Dame—Indiana; Master of Arts, 2013, University of Florida
 Major: *Linguistics*
 Dissertation: Performing the Expert: A Linguistic and Multimodal Analysis of TV Cooking Shows
 Dissertation Chair: A. K. Wehmeyer
- Ramón 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 of Science, 2002, University of Maryland; 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
- Mica F. 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
- Wenbin Mei, Bachelor of Science, 2007, Nanjing Normal University—China; Master of Science in Biology, 2011, Central Washington University
 Major: *Botany*
 Dissertation: Alternative Splicing Landscape in Monocots: Insights From Genetic, Epigenetic and Evolutionary Perspectives
 Dissertation Chair: W. B. Barbazuk
- Sarah Elizabeth Mena, Titulo de Ingeniera Química, 2006, Universidad Centroamericana—El Salvador; Master of Science, 2010, Clemson University—South Carolina
 Major: *Chemical Engineering*
 Dissertation: Experimental Studies of Fluid-Solid Flows in Turbulent Dilute and Laminar Concentrated Regimes
 Dissertation Chair: J. S. Curtis
- Lynne Marie Mercier, Bachelor of Science in Agricultural and Biological Engineering, 2010, University of Florida
 Major: *Medical Sciences—Neuroscience*
 Dissertation: Neurophysiological Changes in Respiratory Circuitry From Cervical Spinal Cord Injury and Treatments to Enhance Breathing
 Dissertation Chair: P. J. Reier
 Dissertation Co-chair: M. A. Lane
- 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
- Raies Ahmad Mir, Bachelor of Veterinary Science and Animal Husbandry, 2009, Sher-e-Kashmir University of Agricultural, Sciences & Technology of Kashmir—India; Master of Veterinary Science, 2011, Indian Veterinary Research Institute—India
 Major: *Animal Sciences*
 Dissertation: Evaluation of Animal and Microbial Factors Affecting Prevalence of Shiga Toxin Producing *e. coli* (STEC) and Cefotaxime Resistance
 Dissertation Chair: K. C. Jeong

- 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
- Benjamin R. Mood, Bachelor of Science in Computer Science, 2010, Point Loma Nazarene University—California;
Master of Science, 2012, University of Oregon
Major: *Computer Science*
Dissertation: Techniques for Efficient Secure Function Evaluation on Mobile Devices
Dissertation Chair: K. Butler
- Fredy Rafael Mora Solis, Licenciado en Fisioterapia, 2004, Universidad Nacional Autónoma de Nicaragua; Master of Science, 2011, University of Florida
Major: *Rehabilitation Science*
Dissertation: Physical Activity and Its' Association with Pain-Related Distress and Pain Processing Before and After Exercise-Induced Low Back Pain
Dissertation Chair: M. D. Bishop
Dissertation Co-chair: S. George
- Lillian Rebecca Morris, Bachelor of Arts in Geography, 2011, University of Colorado at Boulder; Master of Science, 2013, University of Florida
Major: *Geography*
Minor: *Public Health*
Dissertation: Wildlife Movement and Disease Risk: Anthrax Transmission in Montana
Dissertation Chair: J. K. Blackburn
- Andrew M. Mowson, Bachelor of Science, 2010, State University of New York at Oneonta; Master of Science in Teaching, 2015, University of Florida
Major: *Chemistry*
Dissertation: Heterobimetallic Magnetic Clusters and Supramolecular Aggregates of Single-Molecule Magnets
Dissertation Chair: G. Christou
- Lazarus Katana Mramba, Bachelor of Science, 2001, Jomo Kenyatta University of Agriculture and Technology—Kenya;
Master of Science, 2010, University of Leeds
Major: *Forest Resources and Conservation*
Dissertation: Optimal Experimental Designs for Spatially and Genetically Correlated Data Using Linear Mixed Models
Dissertation Chair: S. Gezan
- Ammar Abdulhamid Naji, Bachelor of Science, 1999, King Abdulaziz University—Saudi Arabia; Master of Business Administration, 2007, University of Nebraska at Lincoln
Major: *Design, Construction, and Planning*
Dissertation: Using LEED for Neighborhood Development Criteria for the Spatial Assessment of Urban Form and Social Equity at a Regional Scale
Dissertation Chair: P. D. Zwick
- Gia M. Nardini, Bachelor of Science in Business Administration *summa cum laude*, 2010, University of Florida
Major: *Business Administration—Marketing*
Dissertation: Hedonic Consumption and Mindfulness
Dissertation Chair: R. J. Lutz
Dissertation Co-chair: R. A. Leboeuf
- Joshua Orin Neumann, Bachelor of Music, 2005, Gordon College—Massachusetts
Major: *Music*
Dissertation: Towards Defining Tradition: A Statistical and Network Analysis of Performing Giacomo Puccini's *Turandot* at the Met
Dissertation Chair: M. R. Butler

- Erica N. Newport, Bachelor of Science, 1998, East Carolina University—North Carolina; Master of Arts in Communication, 2004, American University—District of Columbia
 Major: *Mass Communication*
 Dissertation: Three Years After Trayvon Martin's Death: Is Political Alienation Shifting Across Disparate Racial/Ethnic Group Residents of Sanford, Florida?
 Dissertation Chair: W. M. Wanta
- Anh Ngoc Nguyen, Bachelor of Science, 2011, California State University at East Bay; Master of Science, 2014, University of Florida
 Major: *Aerospace Engineering*
 Dissertation: Small Satellite Technologies for Precision Drag-free Control and Drag Force Recovery
 Dissertation Chair: J. Conklin
- Hoang Huu Nguyen, Bachelor of Science, 2007, Vietnam National University
 Major: *Horticultural Sciences—Environmental*
 Dissertation: *In vitro* Physiology of Tissue-Culture Recalcitrant Plants in *Nymphaeaceae*, *Alismataceae*, and *Orchidaceae*
 Dissertation Chair: M. E. Kane
- Moise Chi Ngwa, Diplom-Ingenieur, 2007, Technische Universitat Berlin—Germany; Master of Public Health, 2012, University of Florida
 Major: *Public Health*
 Dissertation: Cholera in the Republic of Cameroon, 2000-2012: Surveillance, Spatio-Temporal, Genetic and Socio-Cultural Analyses
 Dissertation Chair: J. G. Morris
- Valens Nteziyaremye, Bachelor of Science, 2012, University of Arkansas at Little Rock; Master of Science, 2014, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: High-Speed Surface Finishing of Needles for High-Performance Biopsy
 Dissertation Chair: H. Greenslet
- Jintaek Ock, Bachelor of Science, 2002, Yonsei University—South Korea; Master of Science in Building Construction, 2011, University of Florida
 Major: *Design, Construction, and Planning*
 Dissertation: Framework for Climate Responsive Automatic Operation Strategies Development for Double Skin Facade (DSF) System In High Rise Buildings
 Dissertation Chair: R. R. Issa
 Dissertation Co-chair: I. Flood
- Hyunjoo Oh, Bachelor of Home Economics, 1988, Master of Home Economics, 1990, Seoul National University—South Korea; Doctor of Philosophy, 1998, University of Wisconsin at Madison
 Major: *Business Administration—Marketing*
 Dissertation: How Does Lighting of Stores Interact with Global Versus Local Processing Modes of Shoppers in Retail Environments?
 Dissertation Chair: C. A. Janiszewski
 Dissertation Co-chair: J. W. Alba
- 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
- David R. Owens, Bachelor of Science *summa cum laude*, 2010, Master of Science, 2012, Virginia Polytechnic Institute and State University
 Major: *Entomology and Nematology*
 Dissertation: Bioecology of Host Attraction and Reproduction in Maize-Infesting Ulidiidae
 Dissertation Chair: G. S. Nuessly

- Erman K. Oztekin, Lisans Diploması, 2008, Istanbul University—Turkey; Master of Science, 2012, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Differential Laser-Induced Perturbation Spectroscopy for Analysis of Biological and Bio-Related Materials
 Dissertation Chair: D. W. Hahn
- Thomson M. Paris, Bachelor of Science, 2007, Southern Adventist University—Tennessee; Master of Science, 2011, University of Florida
 Major: *Entomology and Nematology*
 Dissertation: A Study of the Morphometrics and Visual Ecology of the Asian Citrus Psyllid *Diaphorina citri* Kuwayama (Hemiptera: Liviidae)
 Dissertation Chair: P. A. Stansly
- Brian H. Park, Bachelor of Science in Mechanical Engineering, 2008, University of North Carolina at Charlotte; Master of Science, 2011, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Kinematic Analysis and Automatic Segmentation of the Menisci
 Dissertation Chair: S. A. Banks
- Shaniqua Janine Parker, Bachelor of Science, 2004, Master of Science, 2011, North Carolina Agricultural & Technical State University
 Major: *Agricultural Education and Communication*
 Dissertation: Perceptions of Ministry Extensions Source Credibility in Trinidad
 Dissertation Chair: G. D. Israel
- Rainey Elizabeth Patterson, Bachelor of Science *cum laude*, 2011, College of Charleston—South Carolina
 Major: *Chemistry*
 Dissertation: Innovative Approaches to Investigating the Metabolomics of Nonalcoholic Fatty Liver Disease by Mass Spectrometry
 Dissertation Chair: R. A. Yost
- Liqian Peng, Bachelor of Natural Science, 2008, University of Science and Technology of China; Master of Science, 2010, University of Colorado at Boulder
 Major: *Aerospace Engineering*
 Minor: *Mathematics*
 Minor: *Computer Science*
 Dissertation: Geometric Model Reduction for Nonlinear Dynamical Systems
 Dissertation Chair: K. Mohseni
- Joseph Bryce Pfaller, Bachelor of Science *summa cum laude*, 2005, University of Florida; Master of Science, 2009, Florida State University
 Major: *Zoology*
 Dissertation: High Seas Hitchhiker and Sea Turtle Symbiont: Global Genetics and Ecological Interactions of Oceanic Crabs
 Dissertation Chair: K. A. Bjørndal
- Phong N. Pham, Bachelor of Science, 2011, Michigan State University; Master of Science, 2012, University of Florida
 Major: *Chemical Engineering*
 Dissertation: Origin of Shear-Induced Diffusion in Particulate Suspensions: Crucial Role of Solid Contacts Between Particles
 Dissertation Chair: J. E. Butler
- Rajeev Pillay, Master of Science, 2004, University of Calcutta—India
 Major: *Wildlife Ecology and Conservation*
 Dissertation: Songbird Vocalization Behaviors and Density-Dependent Seed Predation Reveal the Hidden Impacts of Logging
 Dissertation Chair: R. J. Fletcher
- Cristina Pisani, Bachelor of Science, 2006, Florida International University; Master of Science, 2011, University of California at Davis
 Major: *Horticultural Sciences*
 Minor: *Plant Pathology*
 Dissertation: Exploring Avocado Variability for Laurel Wilt Resistance and Excellent Fruit Quality and Horticultural Traits for Production in East-Central Florida
 Dissertation Chair: M. A. Ritenour
 Dissertation Co-chair: E. W. Stover

Angela Athena Pitenis, Bachelor of Science in Mechanical Engineering, 2012, Master of Science, 2014, University of Florida

Major: *Mechanical Engineering*

Dissertation: Scaling Concepts for Friction in Soft Matter Interfaces

Dissertation Chair: W. G. Sawyer

Arun Kumar Pokhrel, Master of Arts, 1998, Tribhuvan University—Nepal; Master of Arts, 2007,

Indiana University of Pennsylvania—Indiana

Major: *English*

Dissertation: The Global Environmental Imagination: Environments and Cultures in Post-1960 British and Global Anglophone Novels

Dissertation Chair: P. E. Wegner

Dissertation Co-chair: R. B. Kershner Jr.

Bishow P. Poudel, Bachelor of Agriculture, 2005, Tribhuvan University—Nepal; Master of Science, 2009, Hemwati Nandan Bahuguna Garhwal University—India; Master of Science, 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 of *Candidatus Liberibacter asiaticus*

Dissertation Chair: N. Wang

Lin Qi, Bachelor of Engineering, 2010, University of Science and Technology of China

Major: *Computer Science*

Minor: *Statistics*

Dissertation: Spatial Networks in Databases

Dissertation Chair: M. P. Schneider

Arian Rahimi, Bachelor in Electrical Engineering, 2008, Shahid Beheshti University—Iran; Master of Science, 2011, Middle East Technical University—Turkey

Major: *Electrical and Computer Engineering*

Dissertation: Low Loss Passive Component Technologies for High Performance Radio Frequency Circuits Using Micro/Nano Machining

Dissertation Chair: Y. K. Yoon

Kelvin Randhir, Bachelor of Engineering, 2008, Birla Institute of Technology—India

Major: *Mechanical Engineering*

Dissertation: Porous Reactive Structures for Thermochemical Processes

Dissertation Chair: D. W. Hahn

Anshu Ranjan, Bachelor of Technology, 2009, Jaypee University of Information Technology—India; Master of Science, 2012, University of Florida

Major: *Computer Science*

Dissertation: Approximation Algorithms for Offline Scheduling of Power Loads in Smart Grids

Dissertation Chair: S. K. Sahni

Dissertation Co-chair: P. P. Khargonekar

Douglas William Rank, Bachelor of Arts *cum laude*, 2008, Lake Forest College—Illinois

Major: *Physics*

Dissertation: The Underlying Event @ 13 TeV

Dissertation Chair: R. D. Field

Saitej Ravi, Bachelor of Engineering, 2010, Birla Institute of Technology—India

Major: *Mechanical Engineering*

Dissertation: Capillary Transport Characteristics of Micropillar Array-Based Homogeneous and Hybrid Wick Structures

Dissertation Chair: S. Moghaddam

- Adam M. Reid, Bachelor of Science *summa cum laude*, 2010, Master of Science, 2012, Master of Science, 2015, University of Florida
 Major: *Psychology—Clinical and Health Psychology*
 Dissertation: A Component Analysis of Homework Assignments During the Treatment of Pediatric Obsessive-Compulsive Disorder
 Dissertation Chair: G. R. Geffken
- Kharyssa Rhodes, Bachelor of Arts *summa cum laude*, 1995, Rhode Island College; Master of Arts, 2000, University of Colorado at Denver
 Major: *Anthropology*
 Dissertation: Historical Consciousness, National Identity, and the Legacy of Colonial Era Anthropological Discourse in Contemporary Uganda
 Dissertation Chair: S. D. Gillespie
- Sami Walid Rifai, Bachelor of Science, 2005, University of California at Irvine; Master of Science, 2008, University of Georgia
 Major: *Forest Resources and Conservation*
 Dissertation: The Frequency of Catastrophic Wind Disturbances in the Northwest Amazon, and Their Impact Upon Tree Mortality and Diversity
 Dissertation Chair: S. A. Bohlman
- Brittany Lynn Roberts, Bachelor of Arts *summa cum laude*, 2005, University of Central Florida; Master of Arts, 2007, University of Florida
 Major: *English*
 Dissertation: Sensation Stories: The Life of British Short Fiction in the Age of Victorian Sensation
 Dissertation Chair: P. K. Gilbert
- Eric L. Rohrs, Bachelor of Science, 2010, The College of New Jersey; Master of Engineering, 2012, University of Florida
 Major: *Biomedical Engineering*
 Dissertation: Quantifying Behaviors Associated with Orofacial Pain and Temporomandibular Dysfunction in the Rat
 Dissertation Chair: K. Allen
- Julia Roncoroni, Bachelor of Arts *summa cum laude*, 2010, San Diego State University—California; Master of Science, 2012, University of Florida
 Major: *Counseling Psychology*
 Dissertation: Associations of Health Literacy and Health Self Efficacy with Engagement in Health Promoting Behaviors and Treatment Adherence in a Sample of Culturally Diverse Rural Patients
 Dissertation Chair: C. M. Tucker
- Michael J. Rowin, Bachelor of Arts, 2002, University of Rochester—New York; Master of Arts, 2004, New York University
 Major: *English*
 Dissertation: Aural Assault: Noise, Perception, and Politics in the Cinema
 Dissertation Chair: B. C. Mennel
- Tyler W. Rundel, Bachelor of Arts, 2008, San Francisco State University—California; Master of Science, 2011, California State Polytechnic University at Pomona
 Major: *Geography*
 Minor: *Tropical Agriculture*
 Dissertation: Extractivism and Domestication of Indigenous Fruit and Nut Trees in the Tropics
 Dissertation Chair: N. J. Smith
- Benjamin Peter Russo, Bachelor of Science *cum laude*, 2010, Master of Science, 2012, University of Florida
 Major: *Mathematics*
 Dissertation: Lifting Theorems for Tuples of 3-Isometric and 3-Symmetric Operators with Applications
 Dissertation Chair: S. A. McCullough
- Avinash Rustagi, Master of Science, 2010, Indian Institute of Technology—India
 Major: *Physics*
 Dissertation: Optical and Transport Properties of Zero Gap and Finite Gap Semiconductors
 Dissertation Chair: C. J. Stanton
- Tatiana E. Salazar, Bachillerato en Biología, 2010, Universidad de Costa Rica
 Major: *Genetics and Genomics*
 Dissertation: Maintenance and Mobilization of Adult Progenitor Cells as Essential Steps towards Autologous Regenerative Medicine
 Dissertation Chair: M. A. Grant

- Mona Brenda Gaturian Sayedul Huq, Bachelor of Science in Applied Physiology and Kinesiology, 2012, Master of Science, 2014, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Adverse Childhood Experiences, Resiliency, and Risk of Recidivism Among Juvenile Offenders in Florida
 Dissertation Chair: C. B. Stopka
- Miranda Leigh Scalabrino, Bachelor of Science, 2012, Auburn University—Alabama
 Major: *Medical Sciences—Genetics*
 Dissertation: Adeno Associated Viral Gene Therapy Targeting on Bipolar Cells Restores Function in a Mouse Model of Congenital Stationary Night Blindness
 Dissertation Chair: S. E. Boye
 Dissertation Co-chair: W. W. Hauswirth
- Bryan Colton Perez Schwarz, Bachelor of Science in Nuclear Engineering *cum laude*, 2011, Master of Science, 2014, University of Florida
 Major: *Biomedical Engineering*
 Dissertation: Dosimetric Models of Skeletal and Body Tissues From Internal and Medical Radionuclide Sources
 Dissertation Chair: W. E. Bolch
- Jodi Michelle Scott, Bachelor of Science, 2008, University of Central Florida; Master of Science, 2012, University of Florida
 Major: *Entomology and Nematology*
 Dissertation: Attractive Toxic Sugar Baits (ATSB) for Control of Mosquitoes and Their Effects on Non-Target Arthropods
 Dissertation Chair: P. G. Koehler
- Marina Marlene Scotti, Bachelor of Science, 2004, University of Florida
 Major: *Medical Sciences—Genetics*
 Dissertation: Mbn1 Regulation of the Thymic Transcriptome and T-Cell Development
 Dissertation Chair: M. S. Swanson
- Mitchell Dylan Sellers, Bachelor of Science, 2009, Texas A&M University; Master of Public Administration, 2011, Texas State University at San Marcos; Master of Arts, 2014, University of Florida
 Major: *Political Science*
 Dissertation: Power Play: Gubernatorial Use of Executive Orders in the American States
 Dissertation Chair: D. A. Smith
- Myengsoo Seo, Bachelor of Science in Architectural Engineering, 2003, Hanyang University—South Korea; Master of Science in Engineering, 2007, Seoul National University—South Korea
 Major: *Design, Construction, and Planning*
 Dissertation: Origins of Korean Modern Architecture
 Dissertation Chair: H. Zou
 Dissertation Co-chair: W. L. Tilson
- Daniil E. Shabashvili, Bachelor of Science *cum laude*, 2006, University of Florida
 Major: *Medical Sciences—Molecular Cell Biology*
 Dissertation: Leveraging Improved Mouse Models of Small Cell Lung Cancer for Testing of Novel Therapies
 Dissertation Chair: M. Zajac-Kaye
- Hamzah A. Shanbari, Bachelor of Science, 2006, King Fahd University of Petroleum and Minerals—Saudi Arabia; Master of Science in Building Construction, 2010, University of Florida
 Major: *Design, Construction, and Planning*
 Dissertation: Evaluating the Use of Video Games in Construction Management Education
 Dissertation Chair: R. R. Issa
- Sharareh Sharififar, Diploma, 2004, Shiraz University of Medical Sciences—Iran
 Major: *Rehabilitation Science*
 Dissertation: Effects of Rehabilitation in the Recovery of Sensorimotor Function Following Stroke
 Dissertation Chair: C. Patten

- 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
- Kevin Robert Sherman, Bachelor of Arts, 2002, Master of Arts, 2008, San Francisco State University—California
 Major: *English*
 Dissertation: The Literate Voice of Autobiographical Documentary: Toward a Logology of the Moving Image
 Dissertation Chair: G. L. Ulmer
- Jose Antonio Sierra Huelsz, Titulo de Biologo, 2005, Maestro en Ciencias Biologicas, 2010, Universidad Nacional Autonoma de Mexico
 Major: *Forest Resources and Conservation*
 Dissertation: Tourism and Forest Livelihoods: Linking Architecture with Tropical Forest Management
 Dissertation Chair: K. A. Kainer
- Jared W. Skinner, Bachelor of Science, 2009, Master of 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 Parkinson's Disease
 Dissertation Chair: C. J. Hass
- Bailey Trump Slagle, Bachelor of Science *magna cum laude*, 2009, University of Florida
 Major: *Fisheries and Aquatic Sciences*
 Dissertation: Ecophysiology and Genetics of the Cyanobacterium *Cyanothece* Species BG0011: A Candidate for Bioenergy Production
 Dissertation Chair: E. J. Philips
- Sarah K. Slocum, Bachelor of Science, 2010, Louisiana State University and A&M College; Master of Science, 2013, University of Florida
 Major: *Psychology*
 Dissertation: An Evaluation of Two Emergency Procedures to Treat Severe Escape Behavior
 Dissertation Chair: T. R. Vollmer
- Hunter Clayton Smith, Bachelor of Science in Biological Sciences, 2009, Arkansas State University; Master of Science, 2013, University of Florida
 Major: *Agronomy*
 Dissertation: Utilization of Dicamba in Cotton Production Systems
 Dissertation Chair: J. A. Ferrell
- Jose Roberto Soto Shoender, Licenciado in Biolog, 2003, Universidad de San Carlos de 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
- Jared R. Stees, Bachelor of Science, 2010, University of Central Florida
 Major: *Genetics and Genomics*
 Dissertation: The Role of Noncoding RNA and Chromatin Structure in Regulating the β Globin Locus Control Region
 Dissertation Chair: J. Bungert
 Dissertation Co-chair: S. Huang
- Elliott J. Stepusin, Bachelor of Science in Nuclear Engineering Sciences *cum laude*, 2012, Master of Science, 2014, University of Florida
 Major: *Biomedical Engineering*
 Dissertation: Pre-Computed Monte Carlo Dosimetry and Reporting for Computed Tomography
 Dissertation Chair: W. E. Bolch

- Eric A. Stubbs, Bachelor of Science, 2006, Master of Science, 2014, University of Florida
 Major: *Agricultural Education and Communication*
 Dissertation: The Impact of an Integrated STEM Program on Students' STEM Identity
 Dissertation Chair: L. A. Warner
 Dissertation Co-chair: B. E. Myers
- Mohammad Qanit Takmeel, Bachelor of Technology, 2010, National Institute of Technology at Rourkela—India;
 Master of Science, 2012, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: 3D Anodes for Direct Methanol Fuel Cells: Science and Synthesis
 Dissertation Chair: S. S. Perry
 Dissertation Co-chair: S. Moghaddam
- 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
- Jianbo Tang, Bachelor of Engineering, 2009, Master of Engineering, 2011, Harbin Institute of Technology—China
 Major: *Biomedical Engineering*
 Dissertation: Photoacoustic Brain Imaging in Behaving Animals
 Dissertation Chair: H. Jiang
- Nail Tanrioven, Bachelor of Arts, 2007, Bilkent University; Master of Arts, 2009, Koc University—Turkey; Master of Arts,
 2013, University of Florida
 Major: *Political Science*
 Dissertation: Ordinary Othering and Re-Discovery of the Self: Living and Unveiling the Representation of the Other Among
 the Ordinary Turks
 Dissertation Chair: I. Oren
- Nicholas W. Taylor, Bachelor of Science, 2003, North Carolina State University; Master of Science in Building Construction,
 2007, University of Florida
 Major: *Design, Construction, and Planning*
 Dissertation: Exploring Efficacy of Residential Energy Efficiency Programs in Florida
 Dissertation Chair: C. Silver
 Dissertation Co-chair: P. H. Jones
- Zehra Melis Teksan, Bachelor of Science, 2009, Master of Science, 2011, Bogazici University—Turkey
 Major: *Industrial and Systems Engineering*
 Dissertation: Optimization Models for Inventory Systems with Price-Dependent Supply
 Dissertation Chair: J. P. Geunes
- Zhijing Teng, Bachelor in Administration, 2007, Jinan University—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 Jr.
 Dissertation Co-chair: L. A. House
- Nikki A. Thiele, Bachelor of Arts, 2009, State University of New York at Potsdam
 Major: *Pharmaceutical Sciences—Medicinal Chemistry*
 Dissertation: Parkinson's Disease: Prodrug Approaches for Improving the Delivery of Therapeutic Agents
 Dissertation Chair: K. B. Sloan
- Carlton André Thompson, Bachelor of Science in Electrical Engineering, 2006, Master of Science, 2008, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: A Design and Performance Study of a Distributed IP-Based Telecommunication System (D-IPTS)
 Dissertation Chair: H. A. Latchman
 Dissertation Co-chair: J. Y. McNair

- June Elizabeth Tickle, Bachelor of Science, 1985, Master of Science, 1990, University of South Florida
 Major: *Nursing Sciences*
 Minor: *Aging and Care Transitions*
 Dissertation: Relationship Between Chronic Lung Disease and End-of-Life Transition in Older Adults
 Dissertation Chair: A. L. Horgas
- Shanee Toledano, Bachelor of Science *magna cum laude*, 2009, University of Georgia; Master of Education, 2013, University of Florida
 Major: *School Psychology*
 Dissertation: The Roles of Self-Esteem Stability and Sensitivity in Predicting Outcomes for Adults with Obsessive-Compulsive Disorder
 Dissertation Chair: J. H. Kranzler
 Dissertation Co-chair: J. P. McNamara
- Zeynal Topalcengiz, Lisans Diploması, 2006, Inonu University—Turkey; Master of Science, 2012, University of Florida
 Major: *Food Science*
 Minor: *Soil and Water Science*
 Dissertation: Validation of Agricultural Water and Animal Intrusion Metrics for Produce Safety in Florida
 Dissertation Chair: M. D. Danyluk
- Megan E. Torpey, Bachelor of Science, 2011, The College of New Jersey
 Major: *Geology*
 Dissertation: Investigation of the Maule, Chile Rupture Zone Using Seismic Attenuation Tomography and Shear Wave Splitting Methods
 Dissertation Chair: R. M. Russo
- Michele R. Traub, Bachelor of Arts, 2002, Brown University—Rhode Island; Master of Science in Education, 2009, Temple University—Pennsylvania
 Major: *Psychology*
 Dissertation: Response Latency as a Measure of Behavior in the Assessment and Treatment of Elopement
 Dissertation Chair: T. R. Vollmer
- Amy Riangchandr Trongnetrpunya, Bachelor of Science, 2007, Boston University—Massachusetts; Master of Science, 2015, University of Florida
 Major: *Biomedical Engineering*
 Dissertation: Functional Connectivity in the Brain
 Dissertation Chair: M. Ding
- 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
- Shigeharu Tsuda, Bachelor of Arts, 1991, Tenri University—Japan; Master of Science in Kinesiology, 2003, Indiana University at Bloomington; Master of Science, 2008, University of Florida
 Major: *Veterinary Medical Sciences*
 Dissertation: Altered Noradrenergic Innervation to the Anxiety-Related Brain Regions following Closed-Head Traumatic Brain Injury in Rats
 Dissertation Chair: P. K. Bose
- Ozcan Tunalilar, Bachelor of Arts in Business Administration, 2010, Bachelor of Arts in Sociology, 2010, Koc University—Turkey; Master of Arts, 2012, University of Florida
 Major: *Sociology*
 Dissertation: The Importance of Socioemotional Skills for Educational Attainment in the United States
 Dissertation Chair: R. G. White
- Berik Uzakbailu, Bachelor of Science, 2010, Middle East Technical University—Turkey
 Major: *Physics*
 Dissertation: Infrared Spectroscopy of High Purity Silicon and Silicon Immersion Gratings
 Dissertation Chair: D. B. Tanner

- Christopher I. Vincent, Bachelor of Arts *magna cum laude*, 2006, Master of Science, 2008, University of Arkansas
 Major: *Interdisciplinary Ecology*
 Dissertation: Wind and Light Stress in Papaya as Influenced by Intercropping: Stress Priming and Photosynthetic Acclimation
 Dissertation Chair: B. A. Schaffer
 Dissertation Co-chair: D. L. Rowland
- Theresa Marie Walters, Bachelor of Science, 2005, Master of Science, 2008, Central Michigan University
 Major: *Wildlife Ecology and Conservation*
 Dissertation: Understanding Current and Potential Distribution of an Introduced Species, Burmese Pythons, *Python (Molurus) Bivittatus*
 Dissertation Chair: F. J. Mazzotti
- Nan-Yi Wang, Bachelor of Science, 2005, Master of Science, 2007, National Chung Hsing University—Taiwan
 Major: *Plant Pathology*
 Dissertation: The Potential Inoculum Sources, *in vitro* Germination, and Leaf Infection by *Phyllosticta citricarpa*, The Citrus Black Spot Pathogen
 Dissertation Chair: M. M. Dewdney
- Wenche Wang, Bachelor of Science *cum laude*, 2010, Miami University—Ohio; Master of Arts, 2013, University of Florida
 Major: *Economics*
 Dissertation: Essays in Two-Sided Markets
 Dissertation Chair: S. M. Slutsky
- Yi Wang, Bachelor of Engineering, 2009, Huazhong University of Science and Technology—China; Master of Science in Electrical Engineering, 2011, University of Southern California
 Major: *Computer Science*
 Minor: *Statistics*
 Dissertation: Scheduling Optimization Algorithms in Wireless Networks and Cloud Computing
 Dissertation Chair: Y. Xia
- Larie C Ward, Bachelor of Science *magna cum laude*, 2008, University of Central Florida; Master of Science, 2010, University of Florida
 Major: *Mathematics*
 Dissertation: Shift Operators on Hilbert Spaces Arising from Trees
 Dissertation Chair: M. T. Jury
- Bliss Anne Wargovich, Bachelor of Science *cum laude*, 2009, Specialist in Education, 2012, Master of Education, 2012, University of Florida
 Major: *Counseling and Counselor Education*
 Dissertation: Attachment, Differentiation, and God Attachment: Three Views of the Togetherness and Separateness Conundrum
 Dissertation Chair: M. H. Daniels
- Bradford Charles Welliver Jr., Bachelor of Science in Astronomy & Astrophysics *cum laude*, 2007, Bachelor of Science in Physics *cum laude*, 2007, Florida Institute of Technology
 Major: *Physics*
 Dissertation: Dedicated Searches for Low and High Mass WIMPs with the SuperCDMS Soudan iZIP Detectors
 Dissertation Chair: T. Saab
- Nanny Wenzlow, Docteur en Medecine Veterinaire, 2003, Universite de Liege—Belgium
 Major: *Veterinary Medical Sciences*
 Dissertation: Ribonucleic Acid (RNA) Decay and the Estimation of the Postmortem Interval in Horses
 Dissertation Chair: M. T. Long
- Robert Laben Whitener IV, Bachelor of Science, 2007, Washington and Lee University—Virginia
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: Investigation Into the Genetic and Molecular Mechanism of *Idd22* Based Protection Against Development of Type 1 Diabetes
 Dissertation Chair: C. E. Mathews

- Casey Alane Wilson, Bachelor of Arts *cum laude*, 2009, Master of Arts, 2011, University of Florida
 Major: *English*
 Dissertation: One Nation, Under Teens: Young Adult Literature and the Evolution of the American Teenager
 Dissertation Chair: A. M. Ulanowicz
- Justin Chet-Mun Wong, Bachelor of Science, 2011, University of Maryland
 Major: *Chemical Engineering*
 Dissertation: Nanopatterning and Nanostructuring Materials for Use in Thermoelectric and Other Alternative Energy Devices
 Dissertation Chair: K. J. Ziegler
- 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
- Nicholas L. Wulf, Bachelor of Science in Electrical Engineering *cum laude*, 2008, Master of Science, 2010, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Framework for Optimizing FPGA-Based Space Systems
 Dissertation Chair: A. D. George
 Dissertation Co-chair: A. M. Gordon-Ross
- Xi Xia, Bachelor of Natural Science, 2008, University of Science and Technology of 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
- Jia Xu, Bachelor of Engineering, 2010, Wuhan Institute of Technology—China; Master of Science, 2012, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: Characterization and Application of Surfactant Structure with Single-Walled Carbon Nanotubes
 Dissertation Chair: B. M. Moudgil
 Dissertation Co-chair: K. J. Ziegler
- Semih Sait Yilmaz, Bachelor of Arts, 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: Implications of Consumers' Counterfactual Thinking
 Dissertation Chair: Y. J. Ko
- Wendy M. Yoder, Bachelor of Science in Psychology, 2009, Armstrong Atlantic State University—Georgia; Master of Science, 2013, University of Florida
 Major: *Psychology*
 Dissertation: Age-Associated Deficits in Olfactory Processing and Cognitive Decline: Implications for Translational Research
 Dissertation Chair: D. W. Smith
- Jeung-Ki Yoo, Bachelor of Physical Education, 2007, Kyonggi University—South Korea
 Major: *Health and Human Performance*
 Dissertation: Acute Effects of Aerobic Exercise on Vascular Function in Older Men and Postmenopausal Women
 Dissertation Chair: D. D. Christou
- Rosana Zenil-Ferguson, Titulo de Licenciada en Matematicas Aplicadas, 2005, Instituto Tecnologico Autonomo de Mexico; Maestro en Ciencias, 2008, Centro de Investigacion en Matematicas—Mexico
 Major: *Zoology*
 Dissertation: Understanding the Mode and Tempo of Chromosome Number and Genome Size Change in the Evolutionary History of Angiosperms
 Dissertation Chair: J. M. Ponciano Castellanos
 Dissertation Co-chair: J. G. Burleigh

- Junya Zhang, Bachelor of Science, 2008, HuaiHai Institute of Technology—China; Master of Science, 2011, Shanghai University—China
 Major: *Plant Molecular and Cellular Biology*
 Dissertation: The Maize *Defective Kernel 5 (dek5)* Locus Encodes a Chloroplast-Localized Protein Required for Plastid Division, Membrane Stability, and Starch Accumulation
 Dissertation Chair: A. M. Settles
- Liqin Zhang, Bachelor of Science, 2009, Master of Science, 2011, Peking University—China
 Major: *Chemistry*
 Dissertation: Generation of Functional DNA for Molecular Recognition Based Cancer Theranostics
 Dissertation Chair: W. Tan
- 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: Domestic Production in Import Demand Analyses and Implications of the Food Safety Modernization Act on the Fresh Tomato Industry
 Dissertation Chair: J. L. Seale Jr.
 Dissertation Co-chair: C. B. Moss
- Tong Zhang, Bachelor of Science, 2008, Master of Science, 2011, Northeast Agriculture University—China
 Major: *Botany*
 Dissertation: Interactome of Map Kinase 4 and Thioredoxin in Plants
 Dissertation Chair: S. Chen
 Dissertation Co-chair: A. C. Harmon
- Xinxing Zhang, Bachelor of Natural Sciences, 2010, University of Science and Technology of China
 Major: *Chemistry*
 Dissertation: The Biosynthesis of Ascarosides in *Caenorhabditis elegans*
 Dissertation Chair: R. A. Butcher
- 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 of China
 Major: *Physics*
 Dissertation: Study of Normal and Superfluid ^3He Films with Micro-electro-mechanical Devices
 Dissertation Chair: Y. Lee
- Xi Zheng, Bachelor of Engineering, 2005, Tongji University—China; Master of Science, 2011, Master of Science, 2014, University of Florida
 Major: *Civil Engineering*
 Dissertation: An Integrated Infrastructure Engineering Decision-Making Procedure: A Finance-Based Fuzzy Time-Cost-Quality Trade-Off Optimization Model Over the Project Life Cycle
 Dissertation Chair: R. D. Ellis Jr.
- Stephanie E. Zick, Bachelor of Science with highest honors, 2005, Rutgers University—New Jersey; Master of Science, 2008, Pennsylvania State University
 Major: *Geography*
 Dissertation: An Assessment of Tropical Cyclone Representation in a Regional Reanalysis and a Shape Metric Methodology for Studying the Evolving Precipitation Structure Prior To and During Landfall
 Dissertation Chair: C. J. Matyas

DOCTOR OF EDUCATION

Miriam Altman, Bachelor of Arts, 2000, New College of Florida; Master of Arts, 2002, University of South Florida

Major: *Curriculum and Instruction*

Dissertation: Quality in Early Care and Education: Multiple Perspectives and Critical Considerations in a Diverse Context

Dissertation Chair: B. L. Kennedy-Lewis

Dissertation Co-chair: E. Bondy

Fuad I. Aziz, Artium *Baccalaureus magna cum laude*, 1993, Rollins College—Florida; Master of Science, 2007, Nova Southeastern University—Florida

Major: *Curriculum and Instruction*

Dissertation: Understanding Student Engagement and Experiences During the Construction of Interactive Fiction in a Middle School History Course

Dissertation Chair: P. Antonenko

Pamela Bledsoe Brewer, Bachelor of Science, 1992, Florida State University; Master of Science, 1998, Nova Southeastern University—Florida

Major: *Educational Leadership*

Dissertation: Principal Leadership Evaluation, Teachers Perceptions of Leadership and Student Achievement

Dissertation Chair: L. B. Eldridge

Douglas M. Brown, Bachelor of Science, 1974, Oregon State University; Bachelor of Arts, 1987, Master of Public Administration, 1992, University of Central Florida

Major: *Curriculum and Instruction*

Dissertation: Training Online Faculty: Best Practices Versus Reality, a Mixed Method Case Study

Dissertation Chair: A. D. Ritzhaupt

Kelly Davey, Bachelor of Arts, 1992, University of Southern Maine; Master of Science, 1994, Chestnut Hill College—Pennsylvania; Master of Education, 2012, University of South Florida

Major: *Educational Leadership*

Dissertation: Analysis of Teacher and Student Engagement and Achievement In Middle Schools of a Selected Florida School District

Dissertation Chair: L. B. Eldridge

LaVette Spearman Hunter, Bachelor of Arts in Education, 1983, University of Florida; Master of Science, 1992, Barry University—Florida

Major: *Curriculum and Instruction*

Dissertation: Perceptions of Barriers to Enrolling in College Preparatory Courses by High Ability, High Performing Black Male High School Students

Dissertation Chair: B. L. Kennedy-Lewis

Michelina Ruth Carter MacDonald, Bachelor of Science, 1993, Master of Education, 1994, Specialist in Education, 2009, University of Florida

Major: *Curriculum and Instruction*

Dissertation: The Role of Differentiation and Standards-Based Grading on the Science Learning of Struggling and Advanced Learners in a Detracked High School Honors Biology Classroom

Dissertation Chair: N. L. Dana

Helen Davis Martin, Bachelor of Arts, 2007, Master of Education, 2011, Florida Gulf Coast University

Major: *Curriculum and Instruction*

Dissertation: Our Children Deserve This: Understanding Highly Effective Teacher Retention in Hard to Staff Schools

Dissertation Chair: E. Bondy

Buyiswa Mavis Njobe-Mini, Bachelor of Arts with Honours, 1976, University of Fort Hare—South Africa; Master of Arts, 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

Ana Pizano, Bachelor of Science, 1991, New York University; Master of Education, 1992, Harvard University—Massachusetts

Major: *Curriculum and Instruction*

Dissertation: Professional Development for Early Care and Education in a Diverse Context: Multiple Perspectives and Critical Considerations

Dissertation Chair: B. L. Kennedy-Lewis

Jennifer Lockner Shorter, Bachelor of Science, 2005, East Tennessee State University; Master of Science in Education, 2007, Milligan College—Tennessee

Major: *Educational Leadership*

Dissertation: The Impact of Mentoring Programs on Teacher Retention: Teacher Narratives on Mentoring and Retention

Dissertation Chair: B. Oliver

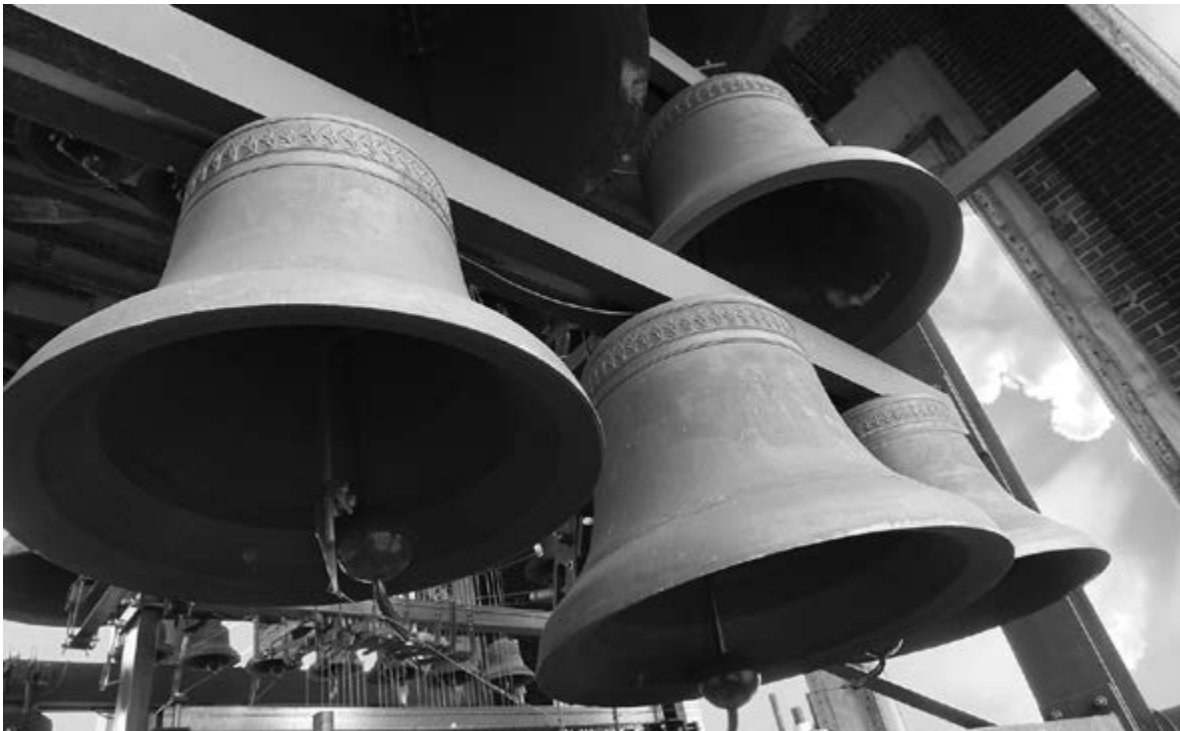
Dissertation Co-chair: L. B. Eldridge

Kristin Marie Nashan Weller, Bachelor of Science, 1991, Florida State University; Master of Education, 2000, University of Florida

Major: *Curriculum and Instruction*

Dissertation: The Role of Differentiation and Standards-Based Assessment on the Mathematics Learning of Struggling and Advanced Learners in a Detracked High School Geometry Classroom

Dissertation Chair: N. L. Dana



DOCTOR OF AUDIOLOGY

Lara J. Alessandrelli
Sasha Baker Allen
Jennifer L. Anyegah
Marianne Bélanger
Natalie Carrie
Jérémie Chiasson
James Gregory Coolen
Alyssa Renee Flippo
Ryan Michael Funderburk
Maryam Ghaderi

Genevieve Holl Harris
Veruschka Jogessar
Meghan Leigh Jolley
Omar A. Juarez
Muhammed Ayas Kallaputhiyaveettil
Janelle Kelley
Rebecca L. Landgraf
Denis LeBlanc
Tara Pamela Millman
Erika Judith Ortiz
Kristin Marie Pierce

Aubree M. Pozer
Francisco MacClellan Ross
Chrisanda Marie Sanchez
Jamie W. Sargent
Stacey L. Shilts
Chikkanayakanahalli Swamysridhara Siddhartha
Jessica Tremblay
Rebecca A. Walker
John R. Warner
Sim Yong Hon Lawrence

DOCTOR OF NURSING PRACTICE

Frances B. Armstrong
Trudi Nirmala Barry
Sarah Alexandra Bernstein
Kyla M. Berrier
Vera Eugenia Brecken-Marquis
Lauren Nicole Carroll
Stephanie A. Clifford
Kristen Anne Cook
Sara B. Copeland
† Philip John Cole Custer
Kasey James Dean

Kimberly R. Diaz
Joslyn Lillian Gross
Stacey M. Hamlett
Kristine Susan Heenk
Jennifer Mary Highfield
Cherri A. Jennewein
Jeong Yeon Kang
Michael Anthony Maymi
Elizabeth Ellen McCormack
Christian N. Meade
Elise Marie Perna

Shauna A. Ricci
Courtney Neel Rogers
Lauren Hillary Bowers Rohrs
Laura Elizabeth Sealy
Deanna J. Seymour
Stephanie N. Shivers
Sydney Tateo
Haulek Tawmging
Ashley N. Thompson
Kaitlyn Jessica White
Elizabeth L. Winings

DOCTOR OF PHYSICAL THERAPY

Laura Ann Aitken
Vivian Suzanne Albert
Logan A. Arena
Jamie Lee Beckwith
Brett Christopher Bergy
Elaina Reid Bost
Jessica Elle Bush
Jason B. Candler
Meghna Kaur Chadda
Rebecca Chavarria
Sarah Jeanne Cooper
Kelly Elizabeth Crews
Brooke Davis
Kelsey Lynn Diaz
Philip Mark DiCenso
Kathy N. Dinh
Kelsey A. Earnheart
Scott A. Eddins
Vanessa J. Escobar
Duncan T. Evans
Brittany A. Forster

Michael Thomas Gray
Joseph Ronald Gross
Cortney Nichole Halstead
Victoria Lauren Harvey
Margaret Lillian Hazlett
Alicia M. Jeffrey
Garrett R. Johnson
Jeniece M. Kegley
Rebecca A. Kern
Monica Trambulo Lim
Ryan Michael Lopez
Makenzie Leigh Marsh
Rachel L. McAhren
Caroline O'Leary McKinney
Andrea J. McNabb
Alex J. Mersch
Erin Merten
Claudia Anne Mezzich
Susan A. Michet
Keely Rae Mihaljevic

Alexandre R. Millette
Daniel L. Morales
Andrew Brooks Mullins
Alexandra N. Perry
Tyler Peter Polomski
Andres F. Ramirez
Rachel Q. Raymond
Richard Joseph Reda
Dallis M. Rossi
Estey Rae Ruppall
Mary A. Schexnayder
Jason A. Sellers
Julia Rose Smith
Ryan G. Specie
Chelsea Marie Spudie
Kelly Nicole Stone
Kevin Yannick Emanuel Strehler
Alexander Jing Suerte
Eric Daniel Van Dongen
Scott J. Venkataraman
William Oliver Wright IV

DOCTOR OF PLANT MEDICINE

Rebecca Barocco

Keumchul Shin

† Degree Awarded Posthumously



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. 2 in the Fiske Guide to Colleges' list of Best Buys Among Publics (2016); No. 14 on the Forbes' list of Best Public Universities (2015); 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 5,000 faculty members with distinguished records in teaching, research and service, including 36 Eminent Scholar chairs and 41 faculty elections to the National Academy of Sciences, Engineering, the Institute of Medicine or the American Academy of Arts and Sciences.
- Awards include two Pulitzer Prizes, NASA's top award for research, and the Smithsonian Institution's conservation award.

Students

- Ninety-seven percent of incoming freshmen score above the national average (1500/21) on standardized exams. Students admitted for the fall 2015 freshman class had an average 4.3 GPA and an average SAT score of 1913.
- More than 1,285 International Baccalaureate students were enrolled in UF in March 2016. 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 2014.
- Sixty-seven percent of UF full-time freshmen graduate in four years, and 88 percent of UF freshmen graduate within six years (2008 cohort).
- Fifty-six percent of UF graduates leave the university with no student-loan debt. For the remaining students, their average indebtedness is about \$21,028, as compared with the national average of over \$28,000 (2014-15).



2016 SPRING
COMMENCEMENT







Chain of Office

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

Academic Mace

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



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

University of Florida Tassels

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



Diplomas

Diplomas will be mailed to the graduate’s permanent home mailing address in June 2016.

Caps and Gowns, An Explanation

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

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

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

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

The doctoral costume also has velvet running on the rest of the gown, including cross bars on the sleeve. Colored tassels on the degree candidates' caps indicate a candidate's school or college.



Law is purple; Liberal Arts is



UF

2016 SPRING
COMMENCEMENT

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