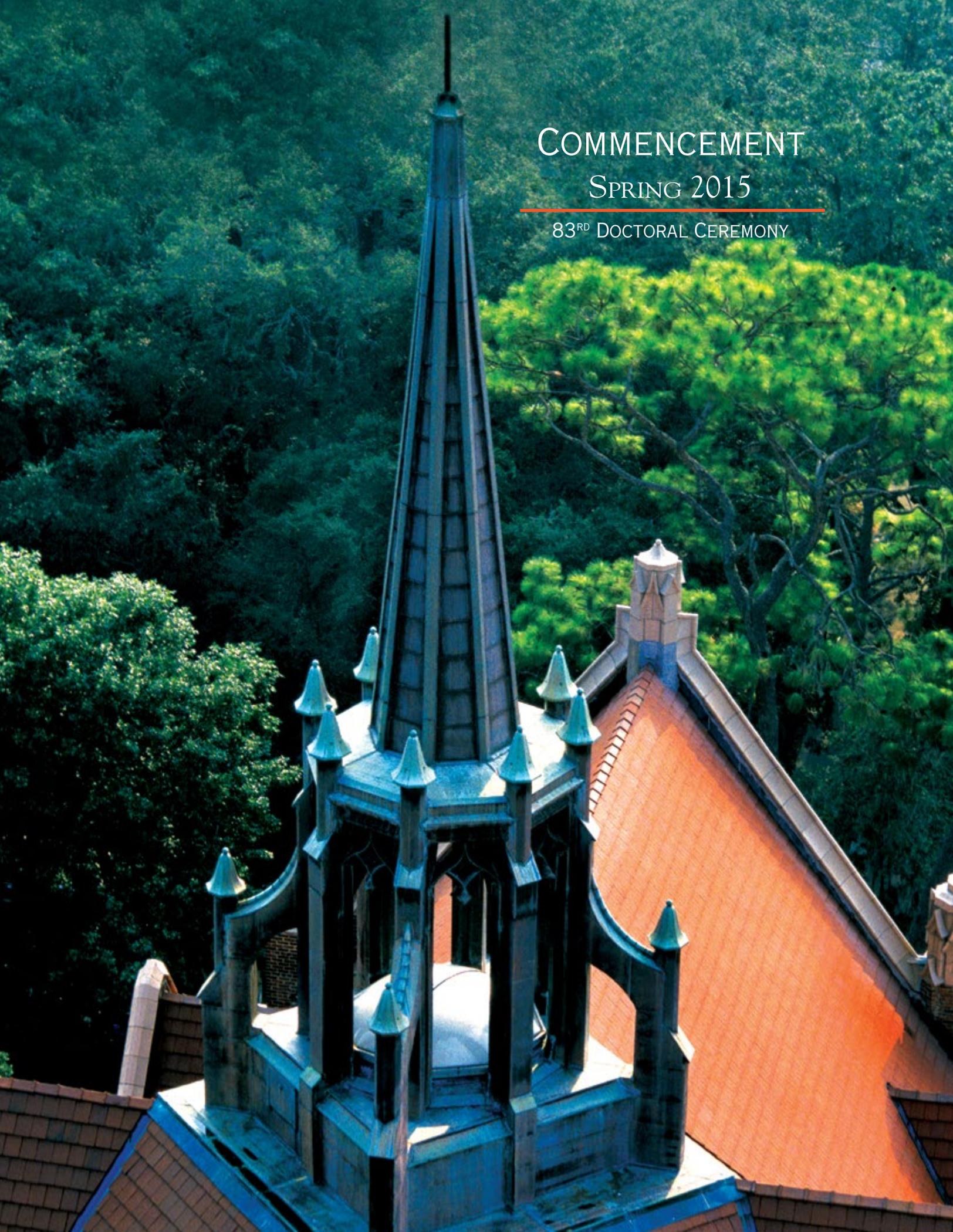


Commencement

UF | UNIVERSITY of
FLORIDA
The Foundation for The Gator Nation



COMMENCEMENT
SPRING 2015

83RD DOCTORAL CEREMONY

Dr. W. Kent Fuchs

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

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

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

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

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

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



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

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

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

Greetings from the President



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

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

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

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

Good luck, best wishes, and Go Gators!

W. Kent Fuchs

University of Florida Leadership

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W. Kent Fuchs, Ph.D.
President

Joseph Glover, Ph.D.
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David Norton, Ph.D.
Vice President - Research

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

DEANS OF THE UNIVERSITY

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

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

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

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

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

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

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

Henry T. Frierson, Ph.D.
Graduate School

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

Nick Place, Ph.D.
IFAS Extension

Jacqueline Burns, Ph.D.
IFAS Research

Leonardo Villalón, Ph.D.
International Center

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

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

David E. Richardson, Ph.D.
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 30, 7:00 p.m.

Presiding.....	W. Kent Fuchs University President
Processional.....	Gainesville Brass Quintet
National Anthem.....	Ronald Burrichter Gainesville Brass Quintet
Welcome and Introductions.....	W. Kent Fuchs
Awarding of Honorary Degrees	W. Kent Fuchs
Presented by.....	Joseph Glover Provost and Senior Vice President for Academic Affairs
Doctor of Science Presented to	Lars Brink Göteborg, Sweden
Doctor of Science Presented to	Norman Sartorius Geneva, Switzerland
Doctor of Science Presented to	Yuichi Sugiyama Tokyo, Japan
Recognition of Doctoral Mentoring Awards.....	W. Kent Fuchs
Recognition of Graduate Student Teaching Awards	W. Kent Fuchs
Commencement Address	W. Kent Fuchs
Presenting Candidates for Doctoral Degrees	Henry T. Frierson Dean, Graduate School
Conferring of Doctoral Degrees.....	W. Kent Fuchs
Alma Mater	Ronald Burrichter Gainesville Brass Quintet
Platform Party Recessional	Gainesville Brass Quintet
Graduates' Processional.....	Gainesville Brass Quintet
Postlude	Gainesville Brass Quintet



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

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

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

Honorary Degree – Doctor of Science

Lars Brink

Sweden native Lars Brink began his career as a theoretical physicist specializing in particle physics. A graduate of the prestigious Chalmers University of Technology in Gothenburg, he earned a two-year fellowship to the European Organization for Nuclear Research's theory division in Geneva.

With that great start and a doctorate in hand, he became a research associate at the California Institute of Technology in 1976. He returned home a year later, opting to work between Caltech and Chalmers. Nine years later, he became chair of theoretical physics at Chalmers.

During his time at the European Organization for Nuclear Research, Dr. Brink proved that string theory could be a consistent quantum theory. He subsequently developed new string theories, one of which, "N=4 Yang-Mills Theory," is now seen as the basis for modern fundamental physics. Academics have written more than 20,000 papers based on this theory. He also developed the superstring theory with colleagues, which started a revolution in basic science, since it was shown to be a possible theory for all fundamental interactions. Dr. Brink is still working on aspects of this theory, as are many of his colleagues.



Aside from his remarkable research, Dr. Brink has held numerous leadership roles, including faculty senate chair, trustee, chair of several physics centers, Nobel physics committee member and chair, and many other international posts. He has been a frequent visitor to UF and longtime collaborator with UF Distinguished Professor of Physics Pierre Ramond.

Honorary Degree – Doctor of Science

Norman Sartorius

Yugoslavian Dr. Norman Sartorius earned his medical degree and psychology doctorate from the University of Zagreb. He spent time at the University of London before joining the World Health Organization, where he rose to director of mental health. In that role, he oversaw numerous collaborative studies around the world.

Since serving in leadership roles with the World Psychiatric Association, he has led the Association of European Psychiatrists and now the International Association for the promotion of Mental Health Programs. He also authored more than 300 papers and many books on psychiatric disorders and their expressions around the world.

Besides his leadership contributions, Dr. Sartorius helps people understand and embrace the similarities of human nature and behavior, rather than the differences. His work has led to a better worldwide understanding and description of depression, anxiety and psychosis. Today, Dr. Sartorius continues to work toward eliminating the stigma of mental illness.



At UF, Dr. Sartorius has collaborated with the College of Public Health and Health Professions Associate Dean of Research and Planning Linda Cottler since 1997.

Honorary Degree – Doctor of Science

Yuichi Sugiyama

Dr. Yuichi Sugiyama is a world leader in the fields of physiologically based pharmacokinetics and membrane transporters. His work has been pivotal for quantitative *in vitro* extrapolation, especially the development of drug clearance prediction models and inhibitory drug interactions in humans. Furthermore, his studies have been key to understanding the role of transporters in drug disposition.

He received a doctorate from the University of Tokyo's School of Pharmacy in 1978. While there, he began his teaching career. He was promoted to associate professor in 1989 and professor in 2003. He retired in 2012 and has continued his studies as head of the Sugiyama Laboratory at the RIKEN Innovation Center in Japan.

Dr. Sugiyama authored 642 original articles, 63 review articles and 29 book chapters. He has received numerous awards from scientific and peer organizations, as well as from Japan's government. He has led many scientific organizations, encouraging collaboration and spreading the word about this important research worldwide.



He has collaborated with UF professors and scientists through international organizations, with UF's Center for Drug Discovery team and particularly with the center's executive director, Nicholas Bodor, since 1978.

Doctoral Mentoring Awards

The University of Florida Graduate School encourages and rewards graduate faculty for excellence, innovation and effectiveness in mentoring and advising doctoral and graduate students through their dissertation or thesis projects. The recipients of the 2014-2015 award, and excerpts from their personal statements, follow.

Janise McNair

Associate Professor
Department of Electrical and
Computer Engineering
College of Engineering



Janise McNair says being a professor of electrical and computer engineering is her dream career, and a key to her dream is guiding her doctoral students toward their dream careers.

One of her former students designs satellites for Boeing, two are now faculty members at other schools, and one has founded a start-up company. Their paths are as diverse as they are, and Dr. McNair says diversity is important to her as well.

As the only African-American professor in the department and one of the few women, Dr. McNair says she is passionate about boosting under-represented minorities, and her lab has fostered students from China, India, Latin America, and the United Arab Emirates, as well as the U.S.

"In some small way, I hope that I am teaching them to embrace their differences and engage their similarities," Dr. McNair says.

Department Chair John Harris says Dr. McNair has been vital to recruiting a more diverse pool of students and has served as faculty advisor to the UF chapter of the National Society of Black Engineers.

Ph.D. candidate Corey Baker says Dr. McNair is the epitome of a great mentor.

"Dr. McNair has an ability to constructively build a student's weaknesses while simultaneously reinforcing their strengths, without ever sacrificing a student's confidence," Baker says.

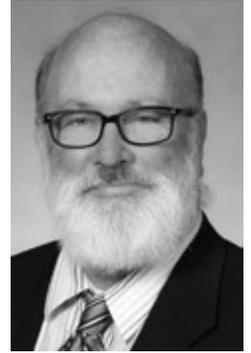
Alumnus Paul Muri, now at Boeing, says Dr. McNair provided a range of opportunities as his mentor. Dr. Muri worked at two NASA sites, the Massachusetts Institute of Technology, in Shanghai, and at Google during his doctoral research.

Dr. McNair values hands-on experience, and often her students will develop their own simulation tools and test beds. Several student-designed tools have been used by NASA and branches of the U.S. military. Equally important, however, is that her students "become a valuable resource in society."

"I try to keep my students aware of their community, both the laboratory and society, to keep them engaged and connected as colleagues and friends," Dr. McNair says. "In short, I feel that my role as a doctoral advisor is to help my doctoral students dream big, learn continually, embrace new experiences and engage with community and society."

David Miller

Professor
Department of Human
Development and Organizational
Studies in Education
College of Education



David Miller's mentees have high praise for the education professor, but Dr. Miller says he has gotten as much out of the relationship as they have.

"The core of mentoring is based on a long-term commitment to building a mutually beneficial relationship with students," says Dr. Miller, a professor of research and evaluation methods.

Dr. Miller's expertise in research methods makes him highly sought after by doctoral students who need advice on their research and dissertations. He has served on 326 doctoral committees since 1987.

His reputation for academic rigor is tempered by his kindness, says Janna Underhill, a 2014 doctoral graduate. Dr. Underhill worked fulltime throughout her academic career, taking a decade to finish her Ph.D., and says Dr. Miller is the reason she stayed motivated on that journey. She doubts many professors would have been as willing to take on a part-time student, but Dr. Miller "never gave up on me."

"He was actively supportive of my unusual situation, even from the first day I ever met with him to talk about the program," Dr. Underhill says. "It was very obvious that he genuinely cared not only about my academic progress but also about me as a person; that, in turn, made me strive to work harder to make him proud."

College of Education Dean Glenn Good said Dr. Miller is known to be "gracious with his time," and his students agree. Miao Gao says Dr. Miller was particularly good at offering opportunities to do research, gain work experience and attend conferences.

Dr. Miller says through educational research and other academic collaborations, over time, the mentee and mentor become colleagues.

"I have found mentoring and collaborative research with doctoral students to be the most rewarding part of my faculty experience," Dr. Miller says. "Mentoring also has become a robust learning experience for me. I have had the opportunity to research domains that I never before had considered exploring and learning new methodologies. These experiences, driven by student interest, have broadened and increased my research skills as a faculty member."

Doctoral Mentoring Awards

The University of Florida Graduate School encourages and rewards graduate faculty for excellence, innovation and effectiveness in mentoring and advising doctoral and graduate students through their dissertation or thesis projects. The recipients of the 2014-2015 award, and excerpts from their personal statements, follow.

Juan-Carlos Molleda

Professor
Department of Public Relations
College of Journalism and
Communications



Vanessa Bravo earned her Ph.D. in 2011, but four years later her mentor still sends emails about publication opportunities, information about conferences and even interesting newspaper articles that could be useful in her classroom.

“And I am not even his student anymore,” she says.

That kind of sustained interest is a hallmark of mentorship for Juan-Carlos Molleda, chair of the department of public relations in UF’s College of Journalism and Communications, say former students like Dr. Bravo, who is now an assistant professor at Elon University.

Maria De Moya, now an assistant professor at DePaul University, said she had serious questions about pursuing doctoral studies after new student orientation in 2007. Then she met Dr. Molleda.

“My first meeting with Dr. Molleda was a calming and encouraging experience,” De Moya says. “After that meeting, I felt for the first time that I had the means to take control of my academic progress and rise to the challenge of being a Ph.D. student at UF.”

Former students also agree that Dr. Molleda is generous with his scholarship, offering help, advice and research opportunities, but without pushing students to pursue his research agenda. Dr. Bravo said Dr. Molleda gave her first authorship on a paper, when he easily could have claimed it himself.

Dean Diane McFarlin and Executive Associate Dean Spiro Kiousis note that Dr. Molleda “actively involved students in his own research,” leading to awards and honors for the budding scholars. Since 2000, they say, Dr. Molleda has chaired or served as a member of 23 doctoral committees.

“He is their mentor – and, ultimately, their friend – for life,” Dean McFarlin and Dr. Kiousis say.

Dr. Molleda says he tries to ease the stress of the doctoral journey by helping students face their challenges. “It gives me immense pleasure when I see an expression of relief in their faces,” Dr. Molleda says.

Dr. Bravo says she hopes to emulate Dr. Molleda’s wisdom and warmth with her own students. “... I have learned, thanks to him, that an advisor is not only an academic example but a role model for his/her students in every sense,” Dr. Bravo says. “I am a better person because of him.”

Madan Oli

Professor
Department of Wildlife Ecology
and Conservation
College of Agricultural
and Life Sciences



For Madan Oli, mentoring begins when students enter his lab, but it never ends.

One testament to that is Arpat Ozgul, Dr. Oli’s first mentee, who says he has observed Dr. Oli’s devotion to mentoring for 13 years.

“A professor’s motivation for investing time in doctoral advising often contradicts his or her own career interests, which require peer-reviewed publication and grants; dedication to advising often has limited tangible returns for the professor,” says Dr. Ozgul, now director of a large research group at the University of Zurich. “Madan has always been a remarkable, dedicated, hard-working, and selfless mentor to his doctoral students.”

Dr. Ozgul says one measure of a mentor is the opportunities offered to a mentee. Dr. Ozgul arrived in Zurich by way of prestigious institutions such as Imperial College London and the University of Cambridge. Another of Dr. Oli’s mentees now works at the Smithsonian Institution, and still another leads a conservation group in India.

“As the alumni of Madan’s lab, we still form a strong network of scientific exchange and continue to follow in his footsteps as mentors dedicated to our fundamental responsibility to the society,” Dr. Ozgul says. “We can only hope to guide our students as well as he has guided us.”

Dr. Oli has served on 26 doctoral committees, chairing or co-chairing seven. He also was recognized in 2014 as the CALS Graduate Advisor/Teacher of the Year. He says it is important that his students have a reputation for being thorough and independent thinkers, representing UF well in the real world.

Wildlife ecology and conservation department Chair Eric Hellgren says he has achieved just that: “These students are raising the profile, both nationally and internationally, of the University of Florida and represent a tangible expression of Dr. Oli’s influence.”

Dr. Oli’s most recent graduate, Carolina Perez-Heydrich, now an assistant professor at Meredith College in Raleigh, N.C., says she owes her success to Dr. Oli, although he was not her committee chair.

“I would not have completed my program out of sheer frustration and lack of guidance. Madan took it upon himself to serve as my unofficial advisor,” Dr. Perez-Heydrich says. “I could depend on him.”

Graduate Student Teaching Awards 2014-2015

Graduate teaching assistants make a major contribution to teaching and learning at the university. Each academic year, the University of Florida recognizes the best, brightest and most industrious of its graduate teaching assistants for their work as instructors in the classroom and laboratory. In addition to the Graduate Teaching Awards, the top-ranked recipients receive the Calvin A. VanderWerf Award that was established in memory of Dr. VanderWerf, Dean of the College of Liberal Arts and Sciences (1971-1978).

Calvin A. VanderWerf Award:

Miller Krause	<i>Classics</i>
Katherine Reed	<i>School of Music</i>

Graduate Student Teaching Awards:

Michelle Brown	<i>Languages, Literatures & Cultures</i>
Erin Curry	<i>Art and Art History</i>
Ronald Florida	<i>Sociology and Criminology & Law</i>
Sabrina Gilchrist	<i>English</i>
Kathleen Joseph	<i>School of Human Development & Organizational Studies in Education</i>
Brent Kitchens	<i>Information Systems and Operations Management</i>
Tomohiro Kubo	<i>Chemistry</i>
Lindsay Mehrkam	<i>Psychology</i>
Kristen Merrill	<i>School of Special Education, School Psychology & Early Childhood Studies</i>
Sahar Mirshamsi	<i>Physics</i>
Carolyn Mitten	<i>School of Teaching and Learning</i>
Amanda Schlachter	<i>School of Theatre and Dance</i>
Ashley Schroeder	<i>Tourism, Recreation & Sport Management</i>
William Sheard	<i>Linguistics</i>
Seaton Tarrant	<i>Political Science</i>
Michele Traub	<i>Psychology</i>
Elizabeth Wiggins	<i>Math</i>
Allysha Winburn	<i>Anthropology</i>



UF

2015 SPRING
COMMENCEMENT

GRADUATE SCHOOL

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

DOCTOR OF PHILOSOPHY

Paul W. Accisano, Bachelor of Science in Computer Science *summa cum laude*, 2009, New Jersey Institute of Technology

Major: *Computer Engineering*
Dissertation: Template Matching with the Frechet Distance Metric
Dissertation Chair: A. Ungor

Sherry Lee Adams, Bachelor of Science in Physical Education, 2006, Central Missouri State University; Master of Science, 2009, University of Florida

Major: *Veterinary Medical Sciences*
Dissertation: The Effects of Overpressurization Blast (OB) Injury on Respiration, Behavior, and Somatomotor Function in Rodents
Dissertation Chair: P. W. Davenport

Tosiron Adegbija, Bachelor of Engineering in Electrical Engineering, 2005, University of Ilorin–Nigeria; Master of Science, 2011, University of Florida

Major: *Electrical and Computer Engineering*
Dissertation: Dynamic Phase-Based Optimization of Embedded Systems
Dissertation Chair: A. M. Gordon-Ross

Vincent Edward Oluwole Adejumo, Bachelor of Science in Management and Information Systems, 2008, Florida State University; Master of Public Administration, 2010, Strayer University–District of Columbia; Master of Arts, 2014, University of Florida

Major: *Political Science*
Dissertation: The Influence of Interest Groups Who Represent the For-Profit Higher Education Industry on American Political and Bureaucratic Institutions
Dissertation Chair: D. M. Hedge
Dissertation Co-chair: S. D. Austin

Bumsoo Ahn, Bachelor of Science, 2004, Yonsei University–South Korea; Master of Arts in Exercise and Sports Science, 2011, University of North Carolina at Chapel Hill

Major: *Health and Human Performance*
Dissertation: NADPH Oxidase Subunit P47phox Is Elevated in Diaphragm of Heart Failure Patients and Required for Heart Failure-Induced Diaphragm Dysfunction in Mice
Dissertation Chair: L. F. Ferreira

Julia Mary Alber, Bachelor of Science in Community Health, 2010, University of Illinois at Urbana-Champaign; Master of Public Health, 2012, University of North Carolina at Greensboro

Major: *Health and Human Performance*
Minor: *Research and Evaluation Methodology*
Dissertation: The Development and Analysis of a Social Media Competency Inventory for Health Education Specialists
Dissertation Chair: J. M. Bernhardt
Dissertation Co-chair: M. L. Stollefson

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

Major: *Aerospace Engineering*
Dissertation: Design, Reliability-Based Optimization, and Fabrication of a Piezoresistive Microelectromechanical Microphone with Back-Side Contacts for Aeroacoustics Applications
Dissertation Chair: M. Sheplak

Serine Alfaress, Bachelor of Agricultural Sciences, 2002, Aleppo University–Syria; Master of Science in Entomology, 2012, Kansas State University

Major: *Entomology and Nematology*
Dissertation: Laser Surgery to Revisit the Biological Functions of Aphid Cornicles
Dissertation Chair: N. A. Killiny-Mansour

- Courtney Elizabeth Allen, Bachelor of Science *cum laude*, 1998, Master of Education, 2002, Specialist in Education, 2002, University of Florida
 Major: *Counseling and Counselor Education*
 Dissertation: A Grounded Theory Study of Counselors' Theoretical Orientation Development Using Narrative Pedagogy
 Dissertation Chair: S. L. Smith
- Dawn An, Bachelor of Engineering, 2008, Master of Engineering, 2010, Korea Aerospace University—South Korea
 Major: *Mechanical Engineering*
 Dissertation: Practical Prognostics Methods for Uncertainty Management: Noisy, Insufficient, and Indirect Degradation Data
 Dissertation Chair: N. H. Kim
- Subramanian Annamalai, Bachelor of Technology in Mechanical Engineering, 2009, Amrita Vishwa Vidyap—India; Master of Science, 2011, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Forces on Particles in Viscous Compressible Flows and Application to Explosive Dispersal
 Dissertation Chair: S. Balachandar
- Kelsey A. Antle, Bachelor of Arts in Sociology, 2010, University of Illinois at Urbana-Champaign; Master of Arts, 2013, University of Florida
 Major: *Criminology, Law, and Society*
 Dissertation: Examining the Effect of Paternal Incarceration and Incarceration Length on Child Behavior via Mediating and Moderating Mechanisms
 Dissertation Chair: M. D. Krohn
 Dissertation Co-chair: C. L. Gibson
- Christopher P. Aoyama, Bachelor of Science in Physics, 2002, Bachelor of Science in Mathematics, 2002, Wake Forest University—North Carolina; Master of Science, 2012, University of Florida
 Major: *Physics*
 Dissertation: Experimental Studies of Low Dimensional Quantum Antiferromagnets
 Dissertation Chair: Y. Takano
- Sindhu Arivazhagan, Bachelor of Technology, 2003, Anna University—India
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: Genetic and Molecular Basis for Heightened Type 1 Interferon Responses in NOD Mice
 Dissertation Chair: M. J. Clare-Salzler
- Sudarshan K. Aryal, Bachelor of Science in Agriculture, 2005, Purvanchal University—Nepal; Master of Science in Plant Pathology, 2011, University of Georgia
 Major: *Entomology and Nematology*
 Dissertation: Integrated Pest Management of Plant-Parasitic Sting Nematode (*Belonolaimus Longicaudatus*) on Bermudagrass
 Dissertation Chair: W. T. Crow
- Tushar Manohar Athawale, Bachelor of Engineering, 2010, Vishwakarma Institute of Technology—India; Master of Science, 2014, University of Florida
 Major: *Computer Engineering*
 Dissertation: Quantification and Visualization of Spatial Uncertainty in Isosurfaces for Parametric and Nonparametric Noise Models
 Dissertation Chair: A. Entezari
- Taj Hassan Azarian, Bachelor of Science, 2004, Master of Public Health, 2007, University of Florida
 Major: *Epidemiology*
 Dissertation: Dynamics of Community-Associated *Staphylococcus aureus* Transmission: A Genomic and Ecological Approach to Unraveling the Epidemiology of Antibiotic Resistant Pathogens
 Dissertation Chair: R. L. Cook
 Dissertation Co-chair: M. Salemi
- Philip L. Barlow, Bachelor of Science, 1987, California Polytechnic State University at San Luis Obispo; Master of Business Administration, 1993, Golden Gate University—California
 Major: *Design, Construction, and Planning*
 Dissertation: Assessment of Subcontractor Quality on California Hospital Construction Projects Through Third-Party Inspections
 Dissertation Chair: R. R. Issa

- Christian Alberto Barrientos, Licenciado en Biología, 1999, La Universidad de San Carlos de Guatemala; Master of Science, 2005, University of Florida
 Major: *Fisheries and Aquatic Sciences*
 Dissertation: Life History Variation and Artisanal Fishery Assessment of the Giant Cichlid (*Petenia Splendida* Gunther 1862) in Guatemalan Lakes
 Dissertation Chair: J. E. Hill
- David Lawrence Barth, Bachelor of Landscape Architecture, 1978, University of Florida; Master of Science in Organizational Leadership, 2002, Palm Beach Atlantic University—Florida
 Major: *Design, Construction, and Planning*
 Dissertation: The Adoption of Innovation in the Planning and Design Process: Creating High Performance Public Spaces That Contribute to Community Sustainability
 Dissertation Chair: M. H. Carr
- Ibai Eduardo Basabe Burgos, Bachelor of Science in Mathematics, 2006, Bachelor of Arts in Music, 2007, Master of Science in Mathematics, 2007, College of Charleston—South Carolina; Master of Music, 2011, University of Florida
 Major: *Mathematics*
 Dissertation: Advancing Topological Robotics: Topological Complexities of Robot Motion Planning
 Dissertation Chair: Y. B. Rudyak
- Sara Bayramzadeh, Bachelor of Architectural Engineering, 2008, Islamic Azad University—Iran; Master of Architecture, 2011, Miami University—Ohio
 Major: *Design, Construction, and Planning*
 Dissertation: Towards a Model of Patient-Centered Design for Mental Health Facilities: Physical and Psychological Safety Outcomes
 Dissertation Chair: M. B. Portillo
- John M. Beaty, Bachelor of Arts in English *cum laude*, 1996, Master of Science in Historic Preservation, 2000, University of Georgia
 Major: *Design, Construction, and Planning*
 Dissertation: The Right Mix: Evaluating the Compatibility and Durability of Masonry Repairs Performed by the U.S. National Park Service
 Dissertation Chair: E. A. Obonyo
- Elizabeth Hilton Bemis, Bachelor of Arts, 2002, Oglethorpe University—Georgia; Master of Arts, 2007, University of Florida
 Major: *Art History*
 Dissertation: At the Court of the Prince: The Patronage and Art Historical Legacy of Cesare Borgia, 1492-1503
 Dissertation Chair: R. H. Westin
 Dissertation Co-chair: E. Ross
- Kanwardeep S. Bhachu, Bachelor of Technology in Mechanical Engineering, 2006, Punjab Technical University—India; Master of Science in Mechanical Engineering, 2009, University of Oklahoma
 Major: *Mechanical Engineering*
 Dissertation: Effects of Measured Data Uncertainty on Damage Tolerant Design of Aircraft Structures
 Dissertation Chair: R. T. Haftka
 Dissertation Co-chair: N. H. Kim
- Mehul S. Bhakta, Bachelor of Science in Agriculture, 2007, Navasari Agricultural University—India; Master of Science, 2010, University of Florida
 Major: *Horticultural Sciences*
 Dissertation: Characterization of the Genetic Control of Flowering Time in *Phaseolus vulgaris* L.
 Dissertation Chair: C. E. Vallejos
- Gokul Subrahmanya Bhat, Bachelor of Engineering in Electronics and Telecommunication Engineering, 2008, University of Mumbai—India; Master of Science, 2010, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Network Coding Based Enhancements to TCP for Media Streaming
 Dissertation Chair: J. Y. McNair

- Abir Bhattacharyya, Bachelor of Metallurgical Engineering, 2009, Jadavpur University—India; Master of Engineering in Material Engineering, 2011, Indian Institute of Science—India; Master of Science, 2014, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Evolution of Cyclic Plasticity During Rolling Contact Fatigue of a Case-Hardened Bearing Steel
 Dissertation Chair: G. Subhash
 Dissertation Co-chair: N. K. Arakere
- Adam L. Bilinski, Tytuł Magistra, 2006, University of Warsaw—Poland; Master of Arts, 2007, University of Chicago—Illinois; Master of Arts in Political Science, 2010, University of Illinois at Urbana-Champaign
 Major: *Political Science*
 Dissertation: Paths to Success, Paths to Failure: Historical Trajectories to Democratic Stability
 Dissertation Chair: M. H. Bernhard
- Richard Osei Bonsu, Bachelor of Science in Chemistry, 2002, Kwame Nkrumah University of Science and Technology—Ghana; Master of Science, 2006, Norwegian University of Science and Technology—Norway
 Major: *Chemistry*
 Dissertation: Design, Syntheses, and Application of Molecular Single-Source Precursors for Chemical Vapor Deposition of WO_x Thin Films Towards Charge-Injection in Organic Optoelectronics
 Dissertation Chair: L. A. McElwee-White
- Jared J. Boock, Bachelor of Science in Chemistry, 2002, Florida State University; Master of Science, 2007, University of Florida
 Major: *Chemistry*
 Dissertation: Electrospray High-Field Asymmetric Waveform Ion Mobility Spectrometry Mass Spectrometry of Transition Metals
 Dissertation Chair: R. A. Yost
- Raphaël C. Bossé, Bachelor of Science in Biological Science *summa cum laude*, 2009, Florida International University
 Major: *Medical Sciences—Molecular Cell Biology*
 Dissertation: Targeting the Leukemia Bone Marrow Microenvironment With Vascular-Disrupting Combretastatins
 Dissertation Chair: C. R. Cogle
- Ernest Adam Boudreaux III, Bachelor of Science in Business Management, 2000, University of Phoenix—Arizona; Master of Business Administration, 2004, Baker College—Michigan
 Major: *Agricultural Education and Communication*
 Dissertation: Fostering Resilience Through a Leadership Development Program: Examining Perspectives From the Gulf Coast
 Dissertation Chair: N. L. Stedman
- Alexandra E. Brandimore, Bachelor of Arts *cum laude*, 2009, Master of Arts, 2011, University of Florida
 Major: *Communication Sciences and Disorders*
 Dissertation: Reflex and Voluntary Cough Effectiveness in Healthy Adults
 Dissertation Chair: M. S. Troche
- Michael Edward Brandon, Bachelor of Arts in History, 2007, Elon University—North Carolina
 Major: *History*
 Dissertation: Black Chicago's New Deal Congressmen: Migration, Ghettoization, and the Origins of Civil Rights Politics
 Dissertation Chair: W. Link
 Dissertation Co-chair: P. A. Ortiz
- Pardeepinder Kaur Brar, Bachelor of Science in Agriculture, 2008, Punjab Agricultural University—India; Master of Science, 2011, University of Florida
 Major: *Food Science*
 Dissertation: Assessment of Risks Associated With the Consumption of North American Peanuts and Pecans
 Dissertation Chair: M. D. Danyluk
- Amy Lee Brown, Bachelor of Science in Microbiology, 2002, University of Arkansas; Master of Science, 2008, University of Vermont
 Major: *Religion*
 Dissertation: With Child: Pregnancy and the Balance of Autonomy and Dependence
 Dissertation Chair: A. Peterson
 Dissertation Co-chair: A. W. Sanford

- Renee Marie Bullock, Bachelor of Science in Biology, 2001, Northland College—Wisconsin; Master of Arts, 2010, University of Florida
 Major: *Geography*
 Minor: *Sustainable Economic Development*
 Dissertation: Gender and Rural Development in the East Usambaras, Tanzania
 Dissertation Chair: M. E. Swisher
 Dissertation Co-chair: B. A. Child
- Deon Lamar Burchett, Bachelor of Science in Mathematics, 2006, University of Maryland; Master of Science, 2009, University of Florida
 Major: *Industrial and Systems Engineering*
 Dissertation: Multi-Commodity Fixed Charge Capacitated Network Design: Polyhedral Characteristics, Network Resilience, and Algorithms
 Dissertation Chair: J. P. Richard
- Oliver T. Burgess, Bachelor of Science in Marine Science, 2001, University of South Carolina; Master of Science, 2008, University of Florida
 Major: *Fisheries and Aquatic Sciences*
 Dissertation: Response of Aquatic Communities to Pulp and Paper Discharge Relocation Into the St. Johns River, Florida
 Dissertation Chair: C. Cichra
- Stephanie Lynn Burrs, Bachelor of Science in Mechanical Engineering *magna cum laude*, 1996, Master of Science in Mechanical Engineering, 1998, Florida A&M University
 Major: *Agricultural and Biological Engineering*
 Dissertation: Development of Nanomaterial-Mediated Biochips for Biofuel Research
 Dissertation Chair: E. McLamore
- Sarah Ann Bushey, Bachelor of Music, 2007, Virginia Commonwealth University; Master of Music, 2009, University of Florida
 Major: *Music*
 Dissertation: Sights and Sounds of the Supernatural: The Sea Monster in Eighteenth-Century Opera
 Dissertation Chair: M. R. Butler
- Seongah Byeon, Bachelor of Arts, 1994, Ewha Woman's University—South Korea; Master of Education, 2006, University of Florida
 Major: *Curriculum and Instruction*
 Dissertation: Teachers' Construction of Heritage Language Education for Bilingual Students Through Language Ideologies and Practices in a Community Based Korean Heritage Language School
 Dissertation Chair: E. J. De Jong
- Irma D. Campos, Bachelor of Science *magna cum laude*, 2010, Master of Science, 2012, University of Florida
 Major: *Counseling Psychology*
 Dissertation: Acculturation, Enculturation, and Familismo as Moderators in the Links of General Racial Discrimination and Racial Microaggressions With Posttraumatic Stress Symptoms
 Dissertation Chair: M. Heesacker
- Saranya R. Canchi, Bachelor of Technology in Metallurgical and Materials Engineering, 2008, National Institute of Technology—India
 Major: *Mechanical Engineering*
 Dissertation: Examining the Mechanisms of Primary Blast-Wave-Induced-Injury Using Live Brain Tissue Slices
 Dissertation Chair: M. Sarntinoranont
 Dissertation Co-chair: G. Subhash
- Matthew R. Carstens, Bachelor of Science in Materials Science and Engineering *cum laude*, 2008, University of Florida
 Major: *Biomedical Engineering*
 Dissertation: Cell-Based Microarrays for Screening Primary Cells in High Throughput
 Dissertation Chair: B. G. Keselowsky
- William Sergio Cartas, Bachelor of Science in Chemical Engineering *cum laude*, 2007, University of Florida
 Major: *Chemical Engineering*
 Dissertation: Structural and Chemical Characterization of Terbia Thin Films Grown on Hexagonally Close Packed Metal Substrates
 Dissertation Chair: J. F. Weaver

- Tamar Elizabeth Carter, Bachelor of Science, 2008, Master of Public Health, 2013, University of Florida
 Major: *Genetics and Genomics*
 Dissertation: Malaria Parasite and Human Host Resistance Mutations in Haiti: Implications for Public Health Policy and Practice
 Dissertation Chair: C. J. Mulligan
- Ryan Paul Chastain-Gross, Bachelor of Science, 2008, Ohio State University
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: The Role of the Bacterial Gene Pg0717 in Periodontitis
 Dissertation Chair: A. Progulsk
- Teng-Hu Cheng, Bachelor of Science in Engineering, 2007, Master of Science, 2009, National Taiwan University;
 Master of Science, 2013, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Switched Control for Networked and Uncertain Nonlinear Systems
 Dissertation Chair: W. E. Dixon
- Hyung-Sook Cho, Bachelor of Arts, 1995, Pusan National University—South Korea; Master of Education, 2004,
 University of Georgia
 Major: *Curriculum and Instruction*
 Dissertation: Race, Languages, and Identities of Biracial Children in Multicultural Schools in South Korea
 Dissertation Chair: M. R. Coady
- Jae Ho Chung, Bachelor of Engineering, 2005, Kwangwoon University—South Korea; Master of Science in Civil Engineering,
 2010, Columbia University—New York
 Major: *Civil Engineering*
 Dissertation: Optimizing Financial Structure of Transportation Public-Private Partnership Infrastructure Projects Based on
 Traffic Revenue Risks: Case Study of U.S. DBFOM Project
 Dissertation Chair: R. D. Ellis
- Göktug Tankut Çınar, Bachelor of Science in Electrical and Electronic Engineering, 2009, Bilkent University—Turkey;
 Master of Science, 2011, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Self-Organized Computational Perception in the Time Frequency Domains
 Dissertation Chair: J. C. Principe
- Claudia Andrea Costagliola Chattin, Licenciado en Humanities con Mention en Lengua y Literatura Hispanica, 1995,
 Universidad de Chile; Master of Arts, 2011, University of Florida
 Major: *Romance Languages—Spanish*
 Dissertation: Literatura Sobre Sida en Latino America: Una Lectura Cuir/Queer Para una Seleccion de Narraciones Perversas
 Dissertation Chair: E. Barradas
- Scott D. Croxton, Bachelor of Science, 2005, Master of Science, 2008, Auburn University—Alabama
 Major: *Entomology and Nematology*
 Dissertation: Understanding and Exploiting Psyllid Dispersal Behavior in Florida Citrus
 Dissertation Chair: P. A. Stansly
- Zhongzhou Cui, Bachelor of History, 1998, Master of Law, 2002, Anhui University—China; Master of Arts, 2008,
 University of Florida
 Major: *Anthropology*
 Dissertation: Ethnicity, Religion, and State: Inter-marriage Between the Han and Muslim Hui in Eastern China
 Dissertation Chair: C. Shih
- Wei Dai, Bachelor of Natural Science, 2004, University of Science and Technology of China; Master of Natural Science,
 2007, Graduate University of Chinese Academy of Science
 Major: *Mechanical Engineering*
 Dissertation: Development of Computational Models of Drug Delivery in the Central Nervous System for Controlled Infusion
 Treatment of Temporal Lobe Epilepsy
 Dissertation Chair: M. Sarntinoranont

- Josue Luiz Dalboni Da Rocha, Titulo de Ecologia, 2008, Universidade Federal de Alagoas—Brazil; Master of Science, 2011, Luebeck University of Applied Sciences—Germany
 Major: *Biomedical Engineering*
 Dissertation: Multilevel Approach to Diffusion Tensor Imaging for Characterizing Brain Disorders
 Dissertation Chair: R. Sitaram
- Cong Dinh Dang, Bang Tot Nghiep Dai Hoc, 2008, Hanoi University of Technology—Vietnam
 Major: *Industrial and Systems Engineering*
 Dissertation: First Order Methods for Convex and Nonconvex Optimization
 Dissertation Chair: G. Lan
- Biswanath Dari, Bachelor of Science in Agriculture, 2008, Bidhan Chandra Krishi Viswavidyalaya—India; Master of Science in Agricultural Meteorology, 2010, Punjab Agricultural University—India
 Major: *Soil and Water Science*
 Dissertation: Approaches for Predicting Soil Phosphorus Loss and Its Potential Remediation Through Biochar Application
 Dissertation Chair: V. D. Nair
 Dissertation Co-chair: R. S. Mylavarapu
- Corey Ann Cottrell David de Souza, Bachelor of Arts Dance, 2005, Mills College—California; Mestre em Artes Cenicass, 2008, Universidade Federal da Bahia—Brazil
 Major: *Anthropology*
 Dissertation: Samba, Mulatas, and the Social Meaning of Carnival
 Dissertation Chair: F. V. Harrison
- Andrea Danielle Davis, Bachelor of Science in Criminal Justice *summa cum laude*, 2010, Alabama State University; Master of Arts, 2012, University of Florida
 Major: *Criminology, Law, and Society*
 Dissertation: Unmasking the Unraced: A Study of Whiteness and Punitive Correctional Policy Preferences
 Dissertation Chair: L. M. Lanza Kaduce
- Mriganka De, Bachelor of Science in Agriculture, 2007, Bidhan Chandra Krishi Viswavidyalaya—India; Master of Science, 2009, Punjab Agricultural University—India
 Major: *Soil and Water Science*
 Dissertation: Fate and Transport of Nitrogen in Onsite Wastewater Treatment Systems
 Dissertation Chair: G. Toor
- Angelos I. Deltsidis, Ptychion, 2009, University of Thessaly—Greece
 Major: *Horticultural Sciences*
 Dissertation: Chilling Threshold Temperatures for Pink Tomato Aroma Volatiles and the Effect of Modified Atmosphere Packaging
 Dissertation Chair: J. K. Brecht
- Vanessa Diaz, Bachelor of Arts in Psychology *summa cum laude*, 2008, Florida International University; Master of Science, 2011, University of Florida
 Major: *Psychology*
 Dissertation: Cognitive and Linguistic Predictors of Theory of Mind in Bilingual and Monolingual Preschool Children: A Longitudinal Examination
 Dissertation Chair: M. J. Farrar
- Catherine A. DiBenedetto, Bachelor of Science in Agriculture/Plant and Soil Science, 1992, Master of Education, 2010, University of Delaware
 Major: *Agricultural Education and Communication*
 Dissertation: Teacher Perceptions of Their Proficiency and Responsibility to Teach the Knowledge, Skills, and Dispositions Required of High School Students to Be Career Ready in the 21st Century
 Dissertation Chair: B. E. Myers
- Beidi Dong, Bachelor in Social Science, 2008, University of Hong Kong; Master of Arts, 2012, University of Florida
 Major: *Criminology, Law, and Society*
 Dissertation: Analyzing Developmental Pathways of Gang Membership: Risk Factors, Turning Points, and Consequences
 Dissertation Chair: M. D. Krohn
 Dissertation Co-chair: C. L. Gibson

- Ryan J. Downey, Bachelor of Science in Mechanical Engineering *magna cum laude*, 2010, Master of Science, 2012, Master of Science, 2014, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Asynchronous Neuromuscular Electrical Stimulation
 Dissertation Chair: W. E. Dixon
- Dewayne N. DuBose, Bachelor of Science in Exercise and Sport Sciences, 2004, Master of Science, 2009, University of Florida
 Major: *Rehabilitation Science*
 Dissertation: Changes in Space Available for the Cord When Comparing a Stable Spine to an Unstable Spine During Range of Motion Testing
 Dissertation Chair: M. Horodyski
- 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
- Sara Hannah Dustin, Bachelor of Arts in English and History, 1999, Presbyterian College—South Carolina; Master of Arts, 2002, University of Ulster—Northern Ireland; Master of Arts in Literature, 2002, Florida State University
 Major: *English*
 Dissertation: “Dress Was Her Passion”: British Women Writers and the Revolution in Fashion
 Dissertation Chair: J. W. Page
- Neal Vincent Facciuto, Bachelor of Music, 2009, Eastern Oregon University; Master of Music, 2011, University of Nevada at Las Vegas
 Major: *Music*
 Dissertation: Kaija Saariaho’s *L’Amour de loin*: Axes and Synthesis
 Dissertation Chair: J. P. Sain
- Tracy A. Fanara, Bachelor of Science in Environmental Engineering, 2003, Master of Engineering, 2010, University of Florida
 Major: *Environmental Engineering Sciences*
 Dissertation: Hydrological Restoration by Low Impact Development Retrofit and Low Impact Development Design Selection Analysis
 Dissertation Chair: M. D. Annable
 Dissertation Co-chair: M. A. Newman
- Ruigang Fang, Bachelor of Engineering, 2011, Xidian University—China; Master of Science, 2014, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Image Quality Assessment
 Dissertation Chair: D. Wu
- Justin Matthew Fear, Bachelor of Science in Animal Science, 2004, University of Missouri at Columbia; Master of Science, 2010, University of Florida
 Major: *Genetics and Genomics*
 Dissertation: Bridging the Gap: Combining Natural Variation and Large-Effect Mutations to Expand the *Drosophila* Sex Determination Hierarchy
 Dissertation Chair: L. M. McIntyre
- Emily R. Feldman, Bachelor of Science in Biological Sciences, 2010, Virginia Polytechnic Institute and State University
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: Murine Gammaherpesvirus-68 Noncoding RNA Transcripts Express MicroRNAs and Participate in the Establishment of Latency and Pathogenesis *In Vivo*
 Dissertation Chair: S. A. Tibbetts
- Chip S. Few, Bachelor of Science, 2009, Clemson University—South Carolina
 Major: *Chemistry*
 Dissertation: Synthesis and Characterization of Tactic Precision Polyolefins via Acyclic Diene Metathesis (ADMET)
 Dissertation Chair: K. B. Wagener

- Delio Figueroa, Bachelor of Arts in Music, 2005, Conservatory of Music of Puerto Rico; Master of Arts in Music Education, 2009, New York University
 Major: *Music*
 Dissertation: *My Music, My Place: The Role of Jibaro Music in the Creation of Puerto Rican Identity in New York City*
 Dissertation Chair: L. N. Crook
- William T. Fischer, Bachelor of Arts in History, 2005, Carleton College—Minnesota; Master of Arts, 2009, University of Florida
 Major: *History*
 Dissertation: *Ecuadorianizing the Oriente: State Formation and Nationalism in Ecuador's Amazon, 1900-1969*
 Dissertation Chair: M. W. Thurner
 Dissertation Co-chair: I. L. Altman
- Rebekah Elise Fitzsimmons, Bachelor of Architecture, 2006, Emory University—Georgia; Master of Arts, 2010, University of Florida
 Major: *English*
 Dissertation: *The Chronicles of Professionalization: The Expert, the Child, and the Making of American Children's Literature*
 Dissertation Chair: K. B. Kidd
- Philip John Flater IV, Bachelor of Science in Mechanical Engineering, 2003, Master of Science in Mechanical Engineering, 2004, Florida State University
 Major: *Mechanical Engineering*
 Dissertation: *Characterization of Plastic Deformation and Damage in Alpha-Titanium*
 Dissertation Chair: O. Cazacu
- Shemuel R. Fleenor, Bachelor of Arts, 2008, University of Florida; Master of Arts in Historical Studies, 2011, The New School—New York
 Major: *History*
 Dissertation: *Manufacturing the "Magic City": Miami From Frontier to "Roaring Twenties"*
 Dissertation Chair: W. Link
- Rony A. Francois, Bachelor of Science, 2009, University of South Florida
 Major: *Medical Sciences—Molecular Cell Biology*
 Dissertation: *Overcoming Drug Resistance in Pancreatic Cancer: Role of Mammalian Target of Rapamycin*
 Dissertation Chair: M. Zajac-Kaye
- Peng Gao, Bachelor of Engineering, 2010, Dalian University of Technology—China
 Major: *Chemistry*
 Minor: *Entrepreneurship*
 Dissertation: *Ionic Transport Properties of Template Synthesized Gold Nanotube Membranes*
 Dissertation Chair: C. R. Martin
- Nicolás García Berguecio, Ingeniero en Recursos Naturales Renovables, 2006, Licenciado en Ciencias de Los Recursos Naturales Renovables, 2006, Universidad de Chile
 Major: *Botany*
 Dissertation: *Systematics and Evolution of Amaryllidaceae Tribe Hippeastreae (Asparagales)*
 Dissertation Chair: P. S. Soltis
- Rajendra Gautam, Bachelor of Agriculture, 2003, Master of Science in Agriculture, 2007, Tribhuvan University—Nepal
 Major: *Soil and Water Science*
 Dissertation: *Nitrogen Fertilizer Management of St. Augustinegrass for Reduced Nitrate-N Leaching and Healthy Turfgrass During a Summer Fertilizer Black-Out Period*
 Dissertation Chair: G. J. Hochmuth
- Payal Ghosh, Bachelor of Arts, 2006, Johns Hopkins University—Maryland; Master of Science in Exercise Science, 2011, George Washington University—District of Columbia
 Major: *Health and Human Performance*
 Dissertation: *The Effects of Hindlimb Unloading and Heavy Ion Radiation on Skeletal Muscle Vascular Function*
 Dissertation Chair: M. D. Delp

- Brian Daniel Glenn, Bachelor of Science, 2008, Brigham Young University—Utah; Master of Science, 2011, University of Florida
 Major: *Horticultural Sciences—Environmental*
 Dissertation: Effect of Shade Duration and Temperature on Warm Season Turfgrass Growth and Development
 Dissertation Chair: J. K. Kruse
 Dissertation Co-chair: J. B. Unruh
- Numan Gozubenli, Lisans Diploması, 2004, Selcuk University—Turkey; Master of Engineering, 2012, University of Florida
 Major: *Chemical Engineering*
 Dissertation: Scalable Fabrication of Colloidal Monolayer Plasmonic Nanocrystals
 Dissertation Chair: P. Jiang
- Uriah Michael Gravois, Bachelor of Science in Civil Engineering, 2007, Master of Science, 2010, University of Florida
 Major: *Coastal and Oceanographic Engineering*
 Dissertation: Validation Test Cases for Operational Wave Models
 Dissertation Chair: A. A. Sheremet
- Marissa A. Grayson, Bachelor of Arts in Political Science *cum laude*, 2004, University of Southern California; Master of Arts, 2006, University of Florida
 Major: *Political Science*
 Dissertation: Leaving Implementation Behind: Understanding the Failures of the Bipartisan No Child Left Behind Act of 2002
 Dissertation Chair: L. C. Dodd
 Dissertation Co-chair: B. A. Rosenson
- Marissa Lynn Gredler, Bachelor of Science *magna cum laude*, 2008, University of Florida
 Major: *Zoology*
 Dissertation: Molecular, Cellular, and Evolutionary Mechanisms of External Genital Development
 Dissertation Chair: M. J. Cohn
- Julia Gress, Bachelor of Arts in Chemistry *cum laude*, 1983, Case Western Reserve University—Ohio; Master of Education, 2009, University of Florida
 Major: *Soil and Water Science*
 Dissertation: Residential Exposures to Arsenic and Hexavalent Chromium From CCA-Wood
 Dissertation Chair: L. Q. Ma
- Latori S. Griffin, Bachelor of Science *summa cum laude*, 2007, Master of Education, 2010, Specialist in Education, 2010, University of Florida
 Major: *Counseling and Counselor Education*
 Dissertation: An Exploratory Examination of the Relational Factors That Predict Achievement Among African American High School Students
 Dissertation Chair: M. H. Daniels
- Phillip Ryan Haas, Bachelor of Science in Civil Engineering, 2007, Master of Science in Civil Engineering, 2009, University of Virginia
 Major: *Civil Engineering*
 Dissertation: An Examination of the Spatial and Temporal Transferability of Crash Prediction Models in Florida
 Dissertation Chair: S. Srinivasan
- Aycan Hacıoglu, Bachelor of Science in Chemical Engineering, 2011, Bogazici University—Turkey; Master of Science, 2013, University of Florida
 Major: *Chemical Engineering*
 Dissertation: Mass Transfer in Oscillatory Flows
 Dissertation Chair: R. Narayanan
- Ana Maria Hagan-Rogers, Bachelor of Science in Civil Engineering, 2005, Bachelor of Arts in Spanish, 2005, University of Rhode Island; Master of Science in Civil Engineering, 2007, Georgia Institute of Technology
 Major: *Environmental Engineering Sciences*
 Dissertation: Ultraviolet Activated Treatment of Mercury Wastewater in the Presence of Selected Competing Ligands
 Dissertation Chair: D. W. Mazyck

- Nathaniel J. Hall, Bachelor of Science *summa cum laude*, 2010, Master of Science, 2012, University of Florida
 Major: *Psychology*
 Dissertation: The Effect of Pre-Exposure and Breed on Canine Odor-Detection Performance
 Dissertation Chair: J. Dallery
- Everett E. Henderson Jr., Bachelor of Fine Arts, 1995, University of Memphis—Tennessee; Master of Fine Arts, 1998, University of Mississippi; Master of Architecture, 2003, University of Florida
 Major: *Design, Construction, and Planning*
 Dissertation: The Machine and the Craftsman in Modern American Architecture: Tourmalayer Housing in the 1940s
 Dissertation Chair: H. Zou
 Dissertation Co-chair: C. L. Hailey
- Jean A. Hickman, Bachelor of Science in Music Education, 1981, Morningside College—Iowa; Master of Music in Music Education, 1991, University of South Dakota
 Major: *Music Education*
 Dissertation: Competition in Music Education: A Mixed Method Study of the Iowa All-State Chorus Audition Process
 Dissertation Chair: R. L. Robinson
- Torrance J. Higgins, Bachelor of Arts, 2007, Randolph-Macon College—Virginia
 Major: *Health and Human Performance*
 Dissertation: Cognitive, Affective, and Kinematic Signs of Disability
 Dissertation Chair: C. M. Janelle
 Dissertation Co-chair: T. M. Manini
- Julie Christine Hill, Bachelor of Arts in Psychology, 2008, McDaniel College—Maryland; Master of Science, 2010, University of Florida
 Major: *Psychology*
 Dissertation: Ambivalence About Penile-Vaginal Intercourse Across the First Year of College
 Dissertation Chair: J. A. Graber
- Todd Andrew Holmes, Bachelor of Business Administration, 1995, James Madison University—Virginia; Master of Arts in Mass Communication, 2008, University of Florida
 Major: *Mass Communication*
 Dissertation: The Influence of Self-Brand Congruity, Ad Position, and Ad Duration on the Effectiveness of Online Video Advertising
 Dissertation Chair: D. H. Ostroff
- Darby Lantz Holtzower, Bachelor of Design, 2002, Master of Building Construction, 2002, University of Florida
 Major: *Design, Construction, and Planning*
 Dissertation: A Decision Model to Optimize Wastewater Treatment in the Built Environment
 Dissertation Chair: R. Ries
 Dissertation Co-chair: C. J. Kibert
- Ryan John-Michael Hooper, Bachelor of Science in Materials Science and Engineering *cum laude*, 2011, Master of Science, 2012, University of Florida
 Major: *Materials Science and Engineering*
 Dissertation: The Effect of Reactive Multilayer Foils on the Microstructure of Sn-(Bi, Zn) Alloys
 Dissertation Chair: M. V. Myers
- Benjamin A. Hottel, Bachelor of Science *cum laude*, 2009, Master of Science in Entomology, 2011, University of Illinois at Urbana-Champaign
 Major: *Entomology and Nematology*
 Dissertation: Implications of Surface Topography on Monitoring, Detecting, and Controlling Bed Bugs, *Cimex Lectularius L.* (*Hemiptera: Cimicidae*)
 Dissertation Chair: P. G. Koehler
- Fraser Edwards Houston, Bachelor of Science in Sport Exercise Science, 2008, Master of Science in Exercise and Sport, 2009, Manchester Metropolitan University—United Kingdom
 Major: *Health and Human Performance*
 Dissertation: Proteolytic Mechanisms of Botulinum Neurotoxin Type A-Induced Skeletal Muscle Atrophy
 Dissertation Chair: S. Dodd

- Patty Williams Hovis, Bachelor of Science in Physical Education, 1988, University of South Florida;
 Master of Science in Exercise and Sport Sciences, 1993, University of Florida
 Major: *Health and Human Performance*
 Dissertation: Impact of Shoulder Pain on Wheelchair Propulsion Type: Muscle Synergies, Kinematics, and Pain
 Dissertation Chair: M. D. Tillman
- Yih-Feng Hsieh, Bachelor of Science in Agriculture, 2005, Bachelor of Science, 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
- Hong Hu, Bachelor of Engineering, 2010, Shanghai Jiao Tong University—China; Master of Science, 2013, University of Florida
 Major: *Mechanical Engineering*
 Minor: *Statistics*
 Dissertation: Phase-Change Heat Transfer and Enhancement of Cryogenic Chilldown Processes
 Dissertation Chair: J. N. Chung
- Huiyuan Hu, Bachelor of Science, 2010, East China Normal University
 Major: *Chemistry*
 Dissertation: Enzymatic Production of 5-Hydroxymethyl Furfural (HMF) From Fructose
 Dissertation Chair: N. A. Horenstein
- Xingdi Hu, Bachelor of Engineering, 2007, Soochow University—Taiwan; Master of Science, 2008, University of Florida
 Major: *Epidemiology*
 Minor: *Health Services Research*
 Dissertation: Alcohol Treatment Use in HIV-Infected Individuals With Hazardous Drinking: Utilization, Drinking Outcomes,
 and Survival
 Dissertation Chair: R. L. Cook
- Ya-Hsi Hwang, Bachelor of Science in Engineering, 2007, Master of Science, 2009, National Taiwan University
 Major: *Chemical Engineering*
 Dissertation: Fabrication and Reliability of Gan Based High Electron Mobility Transistors
 Dissertation Chair: F. Ren
- Jinsook Sook Im, Bachelor of Arts, 2006, Daejin University—South Korea; Master of Science in Journalism, 2009,
 University of Texas at Austin
 Major: *Mass Communication*
 Dissertation: Exploring New Contingent Condition of Agenda Setting: How Inconsistency Influences Issue Salience,
 Attribute Salience, Attitude Strength, and Attitude Polarization
 Dissertation Chair: W. M. Wanta
- Stephanie Kino Louise Ishii, Bachelor of Science in Environmental Engineering *summa cum laude*, 2009, Master of Engineering,
 2012, University of Florida
 Major: *Environmental Engineering Sciences*
 Dissertation: Investigating the Technical and Social Challenges of Urine Source Separation From a Life Cycle Perspective
 Dissertation Chair: T. H. Boyer
- Ginger Lee Jacobson, Bachelor of Arts in Human Development, 2004, Connecticut College; Master of Arts in Sociology,
 2009, University of South Florida
 Major: *Sociology*
 Dissertation: Living in a Cancer Cluster: Environmental Risk Perceptions in Contested Illness
 Dissertation Chair: S. G. Perz
- 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

- Kathryn Elizabeth Jann, Bachelor of Science *cum laude*, 2006, University of Florida;
 Master of Science in Human Services Psychology, 2009, University of Maryland Baltimore County
 Major: *Psychology*
 Dissertation: Assessment of Multiple Problem Behaviors
 Dissertation Chair: B. A. Iwata
- Phillip A. Jannotti, Bachelor of Science in Mechanical Engineering *summa cum laude*, 2010, University of Florida
 Major: *Mechanical Engineering*
 Minor: *Materials Science and Engineering*
 Dissertation: Impact Response of Strengthened Glass With Ultrahigh Residual Compressive Stresses
 Dissertation Chair: G. Subhash
- Aziza F. Jefferson, Bachelor of Arts, 2006, Rutgers University—New Jersey; Master of Science, 2011, University of Florida
 Major: *Mathematics*
 Dissertation: The Substitution Decomposition of Matchings and RNA Secondary Structures
 Dissertation Chair: V. Vatter
- Kevin Ahmaad Jenkins, Bachelor of Arts in History, 2004, North Carolina Central University; Master of Arts in Social Sciences,
 2009, Florida A&M University
 Major: *Sociology*
 Dissertation: I Think, Therefore You Are: Detecting the Social Construction of Race in Medicine
 Dissertation Chair: B. A. Zsembik
- Christopher M. Jennings-Shaffer, Bachelor of Science, 2006, Evergreen State College—Washington;
 Master of Science in Mathematics, 2011, Oregon State University
 Major: *Mathematics*
 Dissertation: Analytic and Arithmetic Properties of Smallest Parts Partition Functions and Generalizations
 Dissertation Chair: F. G. Garvan
- Yang Philip Jiao, Bachelor of Philosophy, 2005, Fudan University—China; Master of Arts, 2007, University of Florida
 Major: *Anthropology*
 Dissertation: Migration and Social Life of the Chinese Entrepreneurs in Ghana
 Dissertation Chair: C. Shih
 Dissertation Co-chair: A. Spring
- Francisco Andrés Jiménez Parodi, Licenciado en Psicología, 2007, Titulo de Psicologo, 2007, Universidad de Chile;
 Master of Arts in Education, 2011, University of Florida
 Major: *Research and Evaluation Methodology*
 Dissertation: The Effect of Anchor Test Structures on Item Response Theory Scale Linking Methods Under the Common
 Item Nonequivalent Groups Design: A Monte Carlo Simulation Study
 Dissertation Chair: D. Miller
- Nakul Jindal, Bachelor of Technology, 2007, Jaypee University of Information Technology—India; Master of Science, 2008,
 University of Florida
 Major: *Computer Engineering*
 Dissertation: Automated Prediction and Tuning of Resource Utilization in the Super Instruction Architecture
 Dissertation Chair: B. A. Sanders
- Ahyea Jo, Bachelor of Arts, 2002, Hongik University—South Korea; Master of Science, 2007, State University of New York at Albany
 Major: *Curriculum and Instruction*
 Dissertation: Bilingual Elementary Mainstream Teachers' Voices of Their Bilingual Experiences for Their Work in
 Linguistically and Culturally Diverse Classrooms
 Dissertation Chair: E. J. De Jong
- Jaron LaMar Jones, Bachelor of Science, 2009, Master of Science, 2010, North Carolina Agriculture and Technology State University
 Major: *Agricultural Education and Communication*
 Dissertation: A Self-Narrative Process as a Vehicle for Personal Hardiness and Self-Efficacy in Undergraduate Leadership Students
 Dissertation Chair: A. C. Andenoro

- Dong-Joon Jung, Bachelor of Arts in Political Science, 2005, Seoul National University—South Korea; Master of Arts, 2013, University of Florida
 Major: *Political Science*
 Dissertation: Sources of Partisanship and Its Political Impact: Comparing the Western and Postcommunist Experiences
 Dissertation Chair: M. H. Bernhard
- Todd W. Jurgess, Bachelor of Arts *cum laude*, 2008, Master of Arts, 2011, University of Florida
 Major: *English*
 Dissertation: Informatic Worlds: Digital Cinema's Realist Intervention
 Dissertation Chair: M. C. Turim
- David James Keellings, Bachelor of Science, 2007, University of Central Florida; Master of Science, 2010, University of Florida
 Major: *Geography*
 Minor: *Epidemiology*
 Dissertation: Investigating Heatwaves in Europe and Florida Using Extreme Value Analysis
 Dissertation Chair: P. R. Waylen
- William Francis Kenney III, Bachelor of Science in Forest Resources and Conservation, 1994, Master of Science, 1997, University of Florida
 Major: *Fisheries and Aquatic Sciences*
 Dissertation: Using Sediment Core Data to Better Understand the Ontogeny and Eutrophication of Shallow Florida Lakes
 Dissertation Chair: E. J. Philips
- Kenneth Allen Kent, Bachelor of Arts in History, 2007, University of North Carolina at Greensboro; Master of Arts, 2010, University of Florida
 Major: *History*
 Dissertation: "The Missing Link": Black Police and Black Power in Chicago, 1965-1987
 Dissertation Chair: P. A. Ortiz
 Dissertation Co-chair: W. Link
- Dongyoung Kim, Bachelor of Arts, 2003, Korea Naval Academy—South Korea; Master of Arts in English Language and Literature, 2007, Yonsei University—South Korea
 Major: *Linguistics*
 Dissertation: The Impact of Genre-Based Pedagogy for Military English Writing at the Korean Naval Academy
 Dissertation Chair: P. R. Golombek
- Jihye Kim, Bachelor of Science in Nursing, 2005, Korea University—South Korea; Master of Advertising, 2010, University of Florida
 Major: *Mass Communication*
 Dissertation: The Effect of Message Framing on Health-Related Decisions: The Moderating Role of Severity and Temporal Outcome and the Mediating Role of Repose Efficacy
 Dissertation Chair: D. M. Treise
- Sungsik Kim, Bachelor of Engineering, 2002, Kyung Hee University—South Korea; Master of Science, 2011, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Kinetic Study of Oxidation of Methane Over Bimetallic Catalyst by Theoretical Methods
 Dissertation Chair: D. W. Mikolaitis
- Heidi Shoemake Kinsell, Bachelor of Science, 2000, Master of Health Administration, 2004, University of Florida
 Major: *Health Services Research*
 Dissertation: Assessing the Effects of the Anti-Pill Mill Law in Florida on Prescription Drug Related Health Outcomes
 Dissertation Chair: J. S. Harman
- Jeremy J. Kleiser, Bachelor of Science in Mechanical Engineering, 2001, Master of Science in Mechanical Engineering, 2002, University of Alabama at Birmingham
 Major: *Mechanical Engineering*
 Dissertation: Experimental Characterization and Modeling of Polycrystalline Molybdenum
 Dissertation Chair: O. Cazacu
- Justin Richard Klotz, Bachelor of Science in Mechanical Engineering *cum laude*, 2011, Master of Science, 2013, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Decentralized Control of Networks of Uncertain Dynamical Systems
 Dissertation Chair: W. E. Dixon

Rui Kong, Master of Science, 2011, University of Florida

Major: *Chemical Engineering*

Dissertation: Continuous Electrokinetic Dewatering of Phosphatic Clay Suspensions

Dissertation Chair: M. E. Orazem

Desirae Eva Krell, Bachelor of Science in English Education, 2002, Master of Arts in Special Education, 2006, University of South Florida; Master of Arts, 2009, University of Florida

Major: *Curriculum and Instruction*

Dissertation: Resistant Teaching Practices of English Teachers in an Age of Standardization

Dissertation Chair: B. G. Pace

Rohit Kumar, Bachelor of Technology in Electronics Engineering, 2006, Banaras Hindu University—India; Master of Science, 2010, University of Florida

Major: *Electrical and Computer Engineering*

Dissertation: A Framework to Generate Partially Reconfigurable FPGA Application From High-Level FPGA Application

Dissertation Chair: A. M. Gordon-Ross

MinHyuk Kwon, Bachelor of Sport Science, 2003, Master of Sports Science, 2005, Seoul National University—South Korea

Major: *Health and Human Performance*

Dissertation: Aging, Visual Information Processing, and the Activation of the Motor Neuron Pool During Force Control Tasks

Dissertation Chair: E. A. Christou

Tzung-han Lai, Bachelor of Science, 2008, National Tsing Hua University—Taiwan

Major: *Materials Science and Engineering*

Dissertation: Delocalization of Charge Transfer Excitons in Polymer Solar Cells

Dissertation Chair: F. F. So

Rebecca A. Lazensky, Bachelor of Science, 2003, Wheeling Jesuit University—West Virginia; Master of Public Health, 2006, Emory University—Georgia

Major: *Veterinary Medical Sciences*

Dissertation: Investigating an Increase in Florida Manatee (*Trichechus Manatus Latiostris*) Mortalities in 2013 Using a Proteomics and Transcriptomics Approach

Dissertation Chair: N. D. Denslow

Jae Woong Lee, Bachelor of Engineering, 2003, Handong Global University—South Korea; Master of Science, 2009, University of Florida

Major: *Computer Engineering*

Dissertation: Context-Driven Approach for High Realism, Scalable Simulation of Human Activities in Smart Spaces

Dissertation Chair: A. A. Helal

Michelle Jennifer LeFebvre, Bachelor of Arts in Anthropology *magna cum laude*, 2003, University of Kentucky; Master of Arts, 2005, University of Florida

Major: *Anthropology*

Dissertation: Animals, Food, and Social Life Among the Pre-Columbian Taino of En Bas Saline, Hispaniola

Dissertation Chair: S. D. deFrance

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

Kan Li, Bachelor in Applied Science, 2007, University of Toronto—Canada; Master of Science in Electrical Engineering, 2010, University of Hawaii at Manoa

Major: *Electrical and Computer Engineering*

Dissertation: Recurrent Adaptive Filtering in Reproducing Kernel Hilbert Spaces

Dissertation Chair: J. C. Principe

Kun Li, Bachelor of Engineering, 2009, Xidian University—China; Master of Science, 2014, University of Florida

Major: *Computer Engineering*
Dissertation: In-RDBMS Large-Scale Statistical Inference
Dissertation Chair: Z. Wang

Xiaoqi Li, Bachelor of Engineering, 2010, Beijing Institute of Technology—China; Master of Science, 2012, University of Florida

Major: *Biomedical Engineering*
Minor: *Computer Science*
Dissertation: Hybrid Functional Photoacoustic Tomography and Diffuse Optical Tomography of Breast Cancer
Dissertation Chair: H. Jiang

Yichen Li, Bachelor of Engineering, 2010, Nanjing University of Science and Technology—China

Major: *Chemistry*
Dissertation: Lanthanide Based Nanoparticles as Multifunctional Agents for Magnetic Resonance Imaging and *In Vitro* Cancer Therapy
Dissertation Chair: D. R. Talham

Shuyi Liu, Bachelor of Engineering, 2010, Tsinghua University—China

Major: *Materials Science and Engineering*
Dissertation: Toward Solution-Processed Organic Light Emitting Diodes: Electrode, Transport Layers, and Degradation Study
Dissertation Chair: F. F. So

David Lopez, Bachelor of Science in Engineering Science, 2009, University of Western Ontario—Canada

Major: *Medical Sciences—Molecular Cell Biology*
Dissertation: Hematopoiesis in a Fully Regenerative Vertebrate: The Axolotl
Dissertation Chair: E. W. Scott

Antonio Sajid López Méndez, Bachelor Degree in Spanish, 2003, Master of Arts in Foreign Affairs, 2010, Pontifical Catholic University of Puerto Rico

Major: *Romance Languages—Spanish*
Dissertation: El Metateatro en Hispanoamerica: el Caso de Mexico, Argentina, y el Caribe Hispano Durante La Segunda Mitad Del Siglo Xx
Dissertation Chair: E. Barradas

Jia Fu Low, Bachelor of Science in Physics, 2008, University of Nebraska-Lincoln

Major: *Physics*
Dissertation: Higgs Searches With Bottom Quarks and Invisible Particles
Dissertation Chair: J. Konigsberg

Yan Lu, Bachelor of Management, 2004, Tongji University—China; Master of Science, 2010, Master of Business Administration, 2012, University of Florida

Major: *Business Administration—Finance*
Dissertation: Essays in Alternative Investments
Dissertation Chair: M. Nimalendran

Mary G. Lusk, Bachelor of Science in Agronomy, 1994, Brigham Young University—Utah; Master of Science in Crop and Soil Environmental Science, 1998, Virginia Polytechnic Institute and State University; Master of Science in Geosciences, 2003, Brigham Young University—Utah

Major: *Soil and Water Science*
Dissertation: Characterization of the Sources, Chemical Composition, and Bioavailability of Organic Nitrogen in an Urban Coastal Watershed
Dissertation Chair: G. Toor
Dissertation Co-chair: P. W. Inglett

Erika Theresa Machtinger, Bachelor of Science, 2005, University of Delaware; Master of Science, 2011, University of Florida

Major: *Entomology and Nematology*
Dissertation: Studies on the Biology and Chemical Ecology of *Spalangia Cameroni* (Hymenoptera: Pteromalidae), a Pupal Parasitoid of Filth Flies
Dissertation Chair: H. J. McAuslane
Dissertation Co-chair: C. J. Geden

- Janna Theresa Magette, Bachelor of Arts in Religion, 2002, Davidson College—North Carolina; Master of Science, 2010, University of Florida
Major: *Agricultural Education and Communication*
Dissertation: A Case Study Describing the Experiences of Adolescent Girls in an Authentic Leadership Curriculum
Dissertation Chair: N. L. Stedman
- Mohammad Hossein Malakooti, Bachelor of Mechanical Engineering, 2008, Master in Aerospace Engineering, 2010, Iran University of Science & Technology; Master of Science, 2013, University of Florida
Major: *Mechanical Engineering*
Dissertation: Mechanics and Dynamics of Multifunctional Nanostructured Interfaces
Dissertation Chair: H. Sodano
- Carly Louise Manz, Bachelor of Science, 2008, University of Michigan at Ann Arbor
Major: *Geology*
Dissertation: Systematics and Evolutionary Morphology of *Paleogene Nyctitheriidae (Mammalia)*
Dissertation Chair: J. I. Bloch
- Xiang Mao, Bachelor of Engineering, 2008, Nanjing University of Aeronautics and Astronautic—China; Master of Science, 2010, University of Florida
Major: *Electrical and Computer Engineering*
Dissertation: Frame Structure Optimization and Co-Service of Real-Time and Non-Realtime Traffic in Cognitive Radio Network
Dissertation Chair: J. Y. McNair
- Alexander Marakov, Bachelor of Science in Physics *cum laude*, 2010, Carnegie Mellon University—Pennsylvania; Master of Science, 2012, University of Florida
Major: *Physics*
Dissertation: The Visualization of Quantum Turbulence in Superfluid ^4He
Dissertation Chair: G. G. Ihas
- Natalia Martinez Patiño, Titulo de Medico Veterinario, 2001, Universidad Nacional de Colombia; Master of Preventative Veterinary Medicine, 2009, University of California at Davis
Major: *Animal Sciences*
Dissertation: The Role of Calcium on Immune Function, Metabolism, and Health in Dairy Cows
Dissertation Chair: J. E. Santos
- Michael David Matthews, Bachelor of Science in Marine Biology, 1998, University of North Carolina at Wilmington; Master of Science in Fisheries, 2000, Auburn University—Alabama
Major: *Fisheries and Aquatic Sciences*
Dissertation: Evaluating Hatchery Produced Florida Largemouth Bass for Fisheries Management
Dissertation Chair: K. Lorenzen
- Ann Katherine Matzen, Bachelor of Science in Psychology, 2002, University of Iowa; Master of Education, 2007, University of Florida
Major: *School Psychology*
Dissertation: Developing Competence in Service Provision by School Psychologists Working With Students With Severe Disabilities
Dissertation Chair: N. L. Waldron
Dissertation Co-chair: D. Ryndak
- Daniel Stewart McCoy, Bachelor of Arts in Anthropology *cum laude*, 1992, San Francisco State University—California; Master of Arts in Anthropology, 1995, University of California at Los Angeles
Major: *Curriculum and Instruction*
Dissertation: Orthodoxy, Heterodoxy and Instruction: An Institutional Ethnographic Study of Disruption in Higher Education Brought on by Policy, Technological Innovation, and Ideologies of Teaching and Learning
Dissertation Chair: T. M. Dana
- Asmeret Ghebreigziabihier Mehari, Bachelor of Arts in Archaeology, 2000, University of Asmara—Eritrea; Master of Arts, 2005, University of Florida
Major: *Anthropology*
Dissertation: Teaching and Practicing Archaeology in East African Universities: Tanzania and Uganda
Dissertation Chair: P. R. Schmidt
Dissertation Co-chair: F. V. Harrison

- Lindsay Renee Mehrkam, Bachelor of Arts, 2009, Franklin & Marshall College—Pennsylvania; Master of Science, 2012, University of Florida
 Major: *Psychology*
 Dissertation: A Proximate Analysis of Environmental Causes of Play in Canines
 Dissertation Chair: T. R. Vollmer
 Dissertation Co-chair: J. Dallery
- Paula Jenifer Mejia Velasquez, Titulo de Biologa, 2003, University de Antioquia—Colombia; Master of Science, 2007, University of Florida
 Major: *Botany*
 Minor: *Geology*
 Dissertation: Palynology and Climatic Reconstructions of Tropical South America During the Early Cretaceous
 Dissertation Chair: S. R. Manchester
- Vanessa Minervini, Bachelor of Science in Psychology, 2010, College of Charleston—South Carolina; Master of Science, 2013, University of Florida
 Major: *Psychology*
 Dissertation: Effects of Preeeding and D-Amphetamine Administration Under a Two-Component Multiple Fixed-Ratio Fixed-Interval Schedule in Pigeons
 Dissertation Chair: J. Dallery
- Michael Francis Mitchell, Bachelor of Science in Electrical Engineering, 2009, University of California at Davis; Master of Science, 2011, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Very Low Frequency Remote Sensing of the Lower Ionosphere
 Dissertation Chair: R. C. Moore
- Kathryn Elizabeth Mittauer, Bachelor of Science in Physics, 2009, Furman University—South Carolina; Master of Science, 2011, University of Kentucky
 Major: *Biomedical Engineering*
 Dissertation: Planning Quality Assessment and IGTR Strategies to Enhance Radiation Treatment Quality
 Dissertation Chair: C. Liu
- Zhen Mo, Bachelor of Engineering, 2007, Master of Engineering, 2010, Shanghai Jiao Tong University—China
 Major: *Computer Engineering*
 Dissertation: Secure Cloud Computing: Data Integrity, Assured Deletion, and Measurement-Based Anomaly Detection
 Dissertation Chair: S. Chen
- Anthony F. Moffett, Bachelor of Arts in History, 1997, Master of Arts in History, 2000, University of Southern Mississippi
 Major: *History*
 Dissertation: Runaway Slaves and the Making of Georgia
 Dissertation Chair: J. F. Sensbach
- Christopher Eugene Mott, Bachelor of Science in Telecommunication, 1999, Master of Science, 2002, University of Florida
 Major: *Agricultural Education and Communication*
 Dissertation: The Relationship Between the Emotional Intelligence of Florida County Extension Directors and Their Dietary Quality, Physical Activity, and Selected Demographics
 Dissertation Chair: N. L. Stedman
- Jarrold James Mousa, Bachelor of Science in Chemistry *magna cum laude*, 2010, University of North Florida
 Major: *Chemistry*
 Dissertation: Biosynthesis and Transport of Secondary Metabolites Produced by Pathogenic Bacteria and Fungi
 Dissertation Chair: S. D. Bruner
- Shyam Prasad Mudiraj, Bachelor of Engineering in Chemical Engineering, 2008, Birla Institute of Technology and Science—India; Master of Science, 2010, University of Florida
 Major: *Chemical Engineering*
 Dissertation: Advanced Model-Based Control Design for Direct Methanol Fuel Cell Systems
 Dissertation Chair: O. D. Crisalle

Amy S. Murphy, Bachelor of Arts, 1999, New College—Florida; Master of Education, 2002, University of Florida

Major: *Curriculum and Instruction*
Dissertation: Student Teaching in the State of Accountability
Dissertation Chair: B. L. Kennedy-Lewis
Dissertation Co-chair: E. Bondy

Christopher P. Muzzillo, Bachelor of Science, 2008, Purdue University—Indiana

Major: *Chemical Engineering*
Dissertation: Chalcopyrites for Solar Cells: Chemical Vapor Deposition, Selenization, and Alloying
Dissertation Chair: T. J. Anderson

Charles A. Nettleman III, Bachelor of Science, 2008, New Mexico State University; Master of Science, 2009, Texas A&M University at Corpus Christi

Major: *Forest Resources and Conservation*
Dissertation: GIS Modeling of Coastal Policies in Response to Sea Level Rise in Florida
Dissertation Chair: A. H. Abd-Elrahman
Dissertation Co-chair: G. Barnes

Jennifer Lan Tran Nguyen, Bachelor of Science, 2010, University of Florida; Master of Public Health in Public Health, 2012, University of South Florida

Major: *Public Health*
Dissertation: Ehealth Literacy: Measurement Implications and Considerations for Public Health
Dissertation Chair: B. A. Curbow

Jeremy A. Nichols, Bachelor of Science in Music, 2004, Olivet Nazarene University—Illinois; Master of Music, 2012, University of Florida

Major: *Music Education*
Dissertation: The Influence of Popular Music in Quality High School Choral Programs: Perceptions of Choral Teachers and Effective Teaching Strategies
Dissertation Chair: R. L. Robinson

Rachel L. Nifong, Bachelor of Science *magna cum laude*, 2006, North Carolina State University; Master of Environmental Management, 2008, Duke University—North Carolina

Major: *Interdisciplinary Ecology*
Dissertation: Linking Autotrophic Tissue Stoichiometry and Homeostasis to Ecosystem Structure and Function
Dissertation Chair: M. J. Cohen
Dissertation Co-chair: M. Brenner

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

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

Christopher T. O'Donohue, Bachelor of Science in Engineering in Chemical Engineering, 2008, University of Pittsburgh—Pennsylvania

Major: *Chemical Engineering*
Dissertation: Chemical Vapor Deposition of Tungsten Based Thin Films From Single Source Nitrido Complexes for Copper Metallization Applications
Dissertation Chair: T. J. Anderson

Victor M. Olivieri, Bachelor of Arts, 2004, Arizona State University; Master of Arts in Political Science, 2008, University of Louisville—Kentucky; Master of Arts, 2012, University of Florida

Major: *Political Science*
Dissertation: New Model Europeans: How Regional, National, and European Identities Interact to Forge What It Means to Be European
Dissertation Chair: M. H. Bernhard
Dissertation Co-chair: I. Oren

- Katherine L. O'Shaughnessy, Bachelor of Arts in Biology *summa cum laude*, 2010, Capital University—Ohio
 Major: *Genetics and Genomics*
 Dissertation: The Evolution of Steroid Receptors and Their Role in Chondrichthyan Development
 Dissertation Chair: M. J. Cohn
- Martha Eugenia Osorio-Cediel, Bachelor of Arts in English *cum laude*, 1997, Kean University—New Jersey;
 Master of Arts in Spanish, 1999, New Mexico State University
 Major: *Romance Languages—Spanish*
 Dissertation: Afirmaciones Musicales y Narrativos Desde Colombia: 1969-2004
 Dissertation Chair: R. L. Jimenez
- Eyitayo James Owoeye, Bachelor of Engineering in Mechanical Engineering, 2009, University of Ilorin—Nigeria; Master of Science,
 2011, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Bubble Transport in Subcooled Flow Boiling
 Dissertation Chair: D. Schubring
- James D. Pampush, Bachelor of Science in Anthropology, 2006, Ohio State University; Master of Science in Anthropology,
 2010, University of Wisconsin at Milwaukee
 Major: *Anthropology*
 Dissertation: The Problem of the Human Chin Revisited
 Dissertation Chair: D. Daegling
- Zhenxing Pan, Bachelor of Engineering *cum laude*, 2010, Soochow University—China
 Major: *Chemistry*
 Dissertation: Different Chain Length Conjugated Polymers: Photophysical Studies and Dye-Sensitized Solar Cell Applications
 Dissertation Chair: K. S. Schanze
- Jiyoung Park, Bachelor of Science, 2002, Master of Science, 2004, Chonnam National University—South Korea
 Major: *Plant Molecular and Cellular Biology*
 Dissertation: Arabidopsis Burp Domain Protein Atpg13: A Wall Protein That Promotes Cell Enlargement
 Dissertation Chair: B. Kang
- Frank Patane, Bachelor of Arts in Mathematics, 2007, Lafayette College—Pennsylvania; Master of Science, 2008,
 University of Florida
 Major: *Mathematics*
 Dissertation: On Representations by Positive Definite Binary and Ternary Quadratic Forms
 Dissertation Chair: A. Berkovich
- Kunal Shrikant Patankar, Bachelor of Engineering, 2007, University of Mumbai—India; Master of Science, 2010,
 University of Florida
 Major: *Mechanical Engineering*
 Dissertation: A Hybrid CMG-RW Attitude Control Strategy for Rapid Retargeting and Precision Pointing of Small Satellites
 Dissertation Chair: N. G. Fitz-Coy
- Blayne M. Phillips, Bachelor of Science in Chemical Engineering *magna cum laude*, 2010, Northeastern University—Massachusetts
 Major: *Chemical Engineering*
 Dissertation: Broadband Biomimetic Antireflection Fabricated via Colloidal Self-Assembly
 Dissertation Chair: P. Jiang
- Jorge Luis Pino Concepcion, Licenciado en Biología, 2003, Universidad Autonoma de Chiriqui—Panama
 Major: *Zoology*
 Dissertation: On the Evolutionary History of the Neotropical Singing Mice, Genus *Scotinomys*
 Dissertation Chair: D. L. Reed
 Dissertation Co-chair: S. M. Phelps
- John Joseph Pittari III, Bachelor of Science in Aerospace Engineering *cum laude*, 2011, Bachelor of Science in Mechanical
 Engineering *cum laude*, 2011, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Rate-Dependent Response of Advanced Structural Ceramics: Relevance to Armor Applications
 Dissertation Chair: G. Subhash

- Andrew Robert Powers, Bachelor of Science in Physics, 2009, Syracuse University—New York
 Major: *Chemistry*
 Dissertation: Elucidating a New Frontier in Metal-Metal Cycloaddition Reactions: Exploring iClick
 Dissertation Chair: A. S. Veige
- Alexandra Protopopova, Bachelor of Science in Psychology *summa cum laude*, 2010, University of Massachusetts at Amherst;
 Master of Science, 2012, University of Florida
 Major: *Psychology*
 Dissertation: Behavioral Interventions to Increase Adoption Likelihood in Shelter Dogs
 Dissertation Chair: B. A. Iwata
- Yang Qi, Bachelor of Arts, 2006, Zhejiang University—China; Master of Education, 2009, State University of New York at Buffalo
 Major: *Curriculum and Instruction*
 Dissertation: Writing Science: A Functional Linguistic Analysis of English Language Learners Writing in Sixth Grade
 Science Classrooms
 Dissertation Chair: Z. Fang
- Fan Qiu, Bachelor of Engineering, 2004, Bachelor of Science, 2004, Huazhong University of Science and Technology—China;
 Master of Science, 2008, Xiamen University—China
 Major: *Zoology*
 Dissertation: Population Genetics, Molecular Evolution and Comparative Biology in Fishes and Birds
 Dissertation Chair: M. M. Miyamoto
- Nima Rahmatian Masooleh, Bachelor of Science, 2008, Sharif University of Technology—Iran; Master of Science, 2013,
 University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Magnetic Stabilization of Particle Clusters for Mass Transport Enhancement
 Dissertation Chair: R. Mei
 Dissertation Co-chair: J. F. Klausner
- Vijaykumar Ramaswamy, Bachelor of Engineering in Biomedical Engineering, 2009, University of Mumbai—India;
 Master of Science, 2011, University of Florida
 Major: *Biomedical Engineering*
 Dissertation: Development of High-Temperature-Superconducting Probe Technology for Nuclear Magnetic Resonance Spectroscopy
 Dissertation Chair: A. S. Edison
- Jeffrey W. Rant, Bachelor of Arts, 1994, Ohio Wesleyan University; Master of Science, 1999, Florida State University
 Major: *Counseling and Counselor Education*
 Dissertation: Middle School Counselors' Experience of Advocacy With Frequently Disciplined African American Male Students
 Dissertation Chair: M. A. Clark
- Katherine M. Reed, Bachelor of Arts in Music *summa cum laude*, 2007, Youngstown State University—Ohio; Master of Music,
 2009, University of Missouri at Kansas City
 Major: *Music*
 Dissertation: Musical Appropriation and Cultural Memory in Contemporary American Cinema
 Dissertation Chair: S. dos Santos
- Justin Woodrow Richardson, Bachelor of Science in Electrical Engineering *magna cum laude*, 2007, Master of Science, 2008,
 Master of Science, 2010, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: A Comprehensive Methodology for Analysis of Diverse Processor Architectures
 Dissertation Chair: A. D. George
- Giovanna Rivero Santa Cruz, Licenciado en Comunicacion Social, 1999, Universidad Privada de Santa Cruz de la Sierra—Bolivia;
 Master of Arts, 2008, University of Florida
 Major: *Romance Languages—Spanish*
 Dissertation: Del Inframundo a la Region Mas Transparente: El Sujeto Politico Resurrecto en Tres Novelas Mexicanas
 Del Siglo XXI
 Dissertation Chair: M. E. Ginway

- Mary Kathleen Rodgers, Bachelor of Arts in English, 1993, Indiana University at Bloomington; Master of Education, 1998, Arizona State University
 Major: *Curriculum and Instruction*
 Dissertation: Reflective Coaching: Tensions and Transformations From Teachers' Experiences
 Dissertation Chair: A. J. Adams
- Nathan Paul Roehr, Bachelor of Science in Chemistry, 2008, University of Texas at Arlington
 Major: *Chemistry*
 Dissertation: Vibrational Spectroscopy of Industrial and Astrochemistry Relevant Species Trapped in Argon Matrices
 Dissertation Chair: N. C. Polfer
- Jaimie A. Roper, Bachelor of Science in Physical Education, 2007, Master of Science, 2010, Utah State University
 Major: *Health and Human Performance*
 Dissertation: The Effects of Anterior Cruciate Ligament Reconstruction on Locomotor Adaptation and Perception of Symmetry
 Dissertation Chair: C. J. Hass
- Kyle G. Rowe, Bachelor of Science in Mechanical Engineering *cum laude*, 2010, Master of Science, 2012, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Elastomers in Combined Rolling-Sliding Contact; Wear and Its Underlying Mechanisms
 Dissertation Chair: W. G. Sawyer
 Dissertation Co-chair: D. W. Hahn
- Christopher Ronald Ruehlen, Bachelor of Arts in Political Science *summa cum laude*, 2009, Bachelor of Arts in History *summa cum laude*, 2009, Master of Arts, 2011, University of Florida
 Major: *History*
 Dissertation: The Specter of Subversion: Fears, Perceptions, and Reactions to Dissent in the Civil War North, 1861-1865
 Dissertation Chair: J. M. Gallman
 Dissertation Co-chair: W. Link
- Daniel Alexander Sasson, Bachelor of Arts in Psychology, 2001, University of North Carolina at Chapel Hill
 Major: *Zoology*
 Dissertation: Factors Affecting Sperm Traits Within and Across Populations
 Dissertation Chair: H. J. Brockmann
- Shashank G. Sawant, Bachelor of Technology in Electronics and Communication Engineering, 2008, Visvesvaraya National Institute of Technology–India; Master of Science, 2010, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Design, Fabrication, and Characterization of Micro-Electrodynamic-Zero-Net-Mass-Flux Actuators
 Dissertation Chair: D. P. Arnold
- Neha Sawhney, Bachelor of Technology in Biotechnology, 2010, Shanmugha Arts Science, Technology and Research Academy–India
 Major: *Microbiology and Cell Science*
 Dissertation: Metabolic Potential of *Paenibacillus* sp. JDR-2 for Direct Conversion of Methylglucuronarabinoxylans to Biofuels and Chemicals
 Dissertation Chair: J. F. Preston
- Sarah Kiley Schoff, Bachelor of Arts in Anthropology, 2000, University of Maine; Master of Science in Human Biology, 2007, University of Indianapolis–Indiana
 Major: *Anthropology*
 Dissertation: Estimating the Postmortem Interval in Florida: A Regional Validation Study Using Geospatial Analysis
 Dissertation Chair: M. W. Warren
- Jonathan M. Scholl, Bachelor of Arts in History *magna cum laude*, 2004, Marquette University–Wisconsin; Master of Arts, 2008, University of Florida
 Major: *History*
 Dissertation: At the Limits of Empire: Incas, Spaniards, and the Ava Guarani (*Chiriguanaes*) on the Charcas Chiriguana Frontier, Southeastern Andes (1450s to 1620s)
 Dissertation Chair: I. L. Altman

- Muhammad Shafiq, Bachelor of Engineering, 2002, NED University of Engineering & Technology at Karachi—Pakistan; Master of Science in Mechanical and Aerospace Engineering, 2009, Illinois Institute of Technology
Major: *Mechanical Engineering*
Dissertation: Confinement Effects on the Deformation Behavior of Zirconium Diboride-Silicon Carbide (ZrB₂-SiC) Composite
Dissertation Chair: G. Subhash
- Nathan T. Shewmon, Bachelor of Science in Materials Science and Engineering, 2010, University of Illinois at Urbana-Champaign
Major: *Materials Science and Engineering*
Dissertation: Morphology Control for Efficient Organic Photodiodes
Dissertation Chair: J. Xue
- Qingchun Shi, Bachelor of Agronomy, 2006, Master of Agronomy, 2009, Agricultural University of Hebei—China; Master of Science, 2011, University of Florida
Major: *Horticultural Sciences*
Dissertation: Flg22-Triggered Immunity Correlates With Canker Resistance and Huanglongbing Tolerance; the Role of FLS2 in the Improvement of Citrus Bacterial Disease Resistance
Dissertation Chair: G. A. Moore
- Catherine Baker Simms, Bachelor of Science, 2006, Bachelor of Science in Health and Exercise Science, 2006, Wake Forest University—North Carolina; Bachelor of Science in Psychology, 2010, University of North Florida; Master of Science, 2011, Auburn University—Alabama
Major: *Psychology*
Dissertation: An Evaluation of Mand Modalities for Individuals With Limited Verbal Repertoires
Dissertation Chair: T. R. Vollmer
- Paulette Melinda Sizemore McFadden, Bachelor of Arts in Anthropology *summa cum laude*, 2007, Master of Arts, 2009, East Carolina University—North Carolina
Major: *Anthropology*
Dissertation: Late Holocene Coastal Evolution and Human Occupation on the Northern Gulf Coast of Florida, Horseshoe Cove, Dixie County, Florida
Dissertation Chair: K. E. Sassaman
- Adrienne Marie Smith, Bachelor of Arts in Biology, 2009, Roanoke College—Virginia; Master of Science, 2011, University of Florida
Major: *Horticultural Sciences—Environmental*
Dissertation: Restoration of Native Species Following Invader Control: *Ruellia Simplex* (*R. Tweediana*)-Invaded Floodplain Forests
Dissertation Chair: C. R. Adams
Dissertation Co-chair: S. B. Wilson
- William P. Smith III, Bachelor of Arts in English *cum laude*, 2005, Salem State College—Massachusetts; Master of Arts in Classics, 2010, Tufts University—Massachusetts;
Major: *Classical Studies*
Dissertation: Mors Honestissima: Cicero and Suicide Contemplation in the Late Republic
Dissertation Chair: J. A. Rea
- Braden J. Snook, Bachelor of Science in Chemical Engineering, 2010, Purdue—Indiana; Master of Science, 2012, University of Florida
Major: *Chemical Engineering*
Dissertation: The Dynamics of the Microstructure and the Rheology in Suspensions of Rigid Particles.
Dissertation Chair: J. E. Butler
- Eva L. Solano, Bachelor of Arts in Psychology *summa cum laude*, 1999, Master of Education, 2004, University of North Florida
Major: *Curriculum and Instruction*
Dissertation: Latin American Adolescent Immigrant Narratives: A Qualitative Study of Culture and Identity
Dissertation Chair: D. Fu
- Aaron D. Spector, Bachelor of Science *cum laude*, 2009, University of Florida
Major: *Physics*
Dissertation: Investigation of the Back-Reflection From an On-Axis Telescope for Space Based Interferometric Gravitational Wave Detectors
Dissertation Chair: G. Mueller

- Tracy Jacqueline Staples, Bachelor of Science in Engineering, 2008, East Carolina University—North Carolina; Master of Science, 2010, University of Florida
 Major: *Coastal and Oceanographic Engineering*
 Dissertation: The Effects of Trapped Waves in the Nearshore
 Dissertation Chair: A. A. Sheremet
- Caroline G. Staub, Bachelor of Science in Environmental Biology *cum laude*, 2005, Curtin University of Technology—Australia; Master of Science, 2011, University of Florida
 Major: *Geography*
 Dissertation: Hydrologic Processes on Small Islands: Linkages Between Climate, Human Activity, and Water Availability in Mauritius
 Dissertation Chair: M. W. Binford
 Dissertation Co-chair: P. R. Waylen
- Forrest Robert Stevens, Bachelor of Arts, 1998, University of Chicago; Master of Science, 2009, University of Florida
 Major: *Geography*
 Dissertation: Sensing Change: Methodologies of Scale and Analyzing Interactions of Land Cover, Land Use, and Forest Changes in Wallowa County, Oregon
 Dissertation Chair: J. Southworth
 Dissertation Co-chair: G. A. Kiker
- Danijela Stojanovic, Bachelor of Science, 2005, University of Texas at Austin
 Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*
 Dissertation: Depression and Osteoporotic Fractures: Potential Mediating Pathways
 Dissertation Chair: W. T. Smith
 Dissertation Co-chair: J. Delaney
- Brandy Eleese Strahan, Bachelor of Science in Nursing, 1997, University of Mississippi; Master of Science in Nursing, 2010, Florida State University
 Major: *Nursing Sciences*
 Minor: *Autism Spectrum Disorders*
 Dissertation: The Effect of Video Game Playing on Overweight/Obese Adolescents With Autism Spectrum Disorder
 Dissertation Chair: J. H. Elder
- David Christopher Sullivan, Bachelor of Science in Chemical Engineering *cum laude*, 2009, University of Michigan at Ann Arbor
 Major: *Biomedical Engineering*
 Dissertation: Investigation of Organ Regeneration Through the Use of Perfusion Decellularized Scaffold Matrices
 Dissertation Chair: P. S. McFetridge
 Dissertation Co-chair: B. E. Petersen
- Ida Ellinor Svensson Berglund, Civilingenjörsexamen, 2010, Kungl Tekniska Högskolan—Sweden
 Major: *Materials Science and Engineering*
 Dissertation: Structure-Property Relationships in Bioabsorbable Magnesium Alloys for Osteosynthesis
 Dissertation Chair: M. V. Myers
 Dissertation Co-chair: J. Allen
- Brendan Charles Sweeny, Bachelor of Arts in Chemistry, 2009, Saint Anselm College—New Hampshire; Master of Science, 2012, University of Florida
 Major: *Chemistry*
 Dissertation: The Role of Plasmon-Mediated Electron Transfer in Surface Photochemistry
 Dissertation Chair: W. Wei
- Syraj Syed, Bachelor of Arts in English, 1994, Tufts University—Massachusetts; Master of Arts in Mass Communication, 1999, University of Florida
 Major: *Higher Education Administration*
 Dissertation: Organizational Change Effects and Individual Identity: A Sensemaking Journey Through Faculty Narratives
 Dissertation Chair: D. F. Campbell
 Dissertation Co-chair: B. Oliver

- Siavash Taravati, Bachelor in Biology, 2006, University of Tehran—Iran; Master in Biology-Zoology, 2009, Ferdowsi University of Mashhad—Iran
 Major: *Entomology and Nematology*
 Dissertation: Biology of Rugose Spiraling Whitefly (*Hemiptera: Aleyrodidae: Aleurodicus Rugioperculatus*) and Its Biological Control Using *Nephaspis Oculata*
 Dissertation Chair: C. M. Mannion
- Oscar Alejandro Tarazona Rey, Titulo de Biologo, 2006, Universidad Industrial de Santander—Colombia
 Major: *Zoology*
 Dissertation: The Genetic Program for Cartilage Development Has Deep Homology Within Bilateria
 Dissertation Chair: M. J. Cohn
- Deborah Alvarez Tarver, Bachelor of Arts, 2000, Master of Arts, 2007, University of Florida
 Major: *Curriculum and Instruction*
 Dissertation: A Latina Critical Race Study of Embodied Nice-White Supremacy in Teacher Education and Researcher Preparation
 Dissertation Chair: E. Bondy
- MaryAnn Thrush, Bachelor of Arts in French, 1981, Purdue University—Indiana; Master of Science in Social Work, 1987, University of Oklahoma at Norman
 Major: *Criminology, Law, and Society*
 Dissertation: Classic Punishment or Restorative Justice? The Impact of Psychosocial Characteristics on Individuals' Preference for Crime Penalties
 Dissertation Chair: J. L. Wilson
- Wenlan Tian, Bachelor of Agriculture, 2010, Nanjing Forestry University—China
 Major: *Horticultural Science—Environmental*
 Dissertation: Functional Genomic Studies of *Jatropha Curcas L.*
 Dissertation Chair: W. A. Vendrame
 Dissertation Co-chair: J. Wang
- Vaibhav Tiwari, Bachelor of Technology in Aerospace Engineering *cum laude*, 2005, Master of Technology in Aerospace Engineering, 2005, Indian Institute of Technology; Master of Science in Physics, 2009, University of South Carolina
 Major: *Physics*
 Dissertation: Search for Gravitational Waves From Eccentric Binary Black Holes
 Dissertation Chair: S. G. Klimentko
- Alison Ann Trachet, Bachelor of Science in Civil Engineering *summa cum laude*, 2006, University of Florida; Master of Science in Civil Engineering, 2008, University of Texas at Austin
 Major: *Materials Science and Engineering*
 Dissertation: The High Strain Rate Behavior of Silicon Carbide Ceramics
 Dissertation Chair: G. Subhash
- Cuc Hong Tran, Bachelor of Science, 2006, Master of Public Health, 2009, University of Florida
 Major: *Public Health*
 Dissertation: School-Located Influenza Vaccination Programs, a Control Strategy for Influenza
 Dissertation Chair: J. G. Morris
- Jonathan P. Trinastic, Bachelor of Arts in Psychology, 2005, University of Wisconsin at Madison; Master of Science, 2011, University of Florida
 Major: *Physics*
 Dissertation: Electronic Structure, Transport, and Relaxation Dynamics in Nanoscale Materials
 Dissertation Chair: H. P. Cheng
- Chia-Wei Tsai, Bachelor of Science, 2008, University of Florida
 Major: *Chemistry*
 Dissertation: Mass Spectrometric Methods and Integrated Systems for Explosives Analysis
 Dissertation Chair: R. A. Yost

- Ying-kuan Tsai, Bachelor of Science, 2003, Chung Cheng Institute of Technology–Taiwan; Master of Science, 2006, National Sun Yat-Sen University–Taiwan
 Major: *Civil Engineering*
 Dissertation: Energy Based Load-Impulse Diagrams for Structural Elements
 Dissertation Chair: T. Krauthammer
- Victor Farm-Guoo Tseng, Bachelor of Science in Electrical and Control Engineering, 2005, Master of Science in Electrical and Control Engineering, 2007, National Chiao Tung University–Taiwan
 Major: *Electrical and Computer Engineering*
 Dissertation: Integrated Passives and Resonant Inductive Coupling as a Displacement Sensing Mechanism for Large Piston/Rotation Micromirrors
 Dissertation Chair: H. Xie
- Walker Joseph Turner, Bachelor of Science in Electrical Engineering *cum laude*, 2009, Master of Science, 2012, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: A Wirelessly Controlled Implant for Increased Signal Sensitivity in Nuclear Magnetic Resonance Measurements
 Dissertation Chair: R. Bashirullah
- Jasmine Brooke Ulmer, Bachelor of Arts *summa cum laude*, 2004, Master of Education, 2005, University of Florida
 Major: *Educational Leadership*
 Dissertation: Teacher Leadership in the Digital Age: A Critical Policy Analysis
 Dissertation Chair: B. Oliver
- Aurore Brigitte Van de Walle, Diplome d'Ingenieur, 2010, Universite Clermont–France; Master of Science in Bioengineering, 2010, University of Oklahoma
 Major: *Biomedical Engineering*
 Dissertation: Critical Modalities for the Development of the Processed Human Umbilical Vein as Vascular Graft
 Dissertation Chair: P. S. McFetridge
- Christine Mancusi VanZomeren, Bachelor of Science in Biology, 2009, University of North Carolina at Wilmington; Master of Science in Oceanography and Coastal Science, 2011, Louisiana State University and A&M College
 Major: *Soil and Water Science*
 Dissertation: Biogeochemistry Cycling of Organic Nitrogen in Subtropical Wetlands
 Dissertation Chair: K. R. Reddy
- Yifan Wang, Bachelor of Science, 2009, Fudan University–China
 Major: *Computer Engineering*
 Dissertation: Energy Efficient and Thermal-Aware Task Scheduling on Multi-Core Processors
 Dissertation Chair: S. Ranka
- Yueren Wang, Bachelor of Management, 2008, Tianjin University–China; Master of Science in Construction Management, 2010, Florida International University; Master of Science, 2014, University of Florida
 Major: *Design, Construction, and Planning*
 Dissertation: Structured Versus Direct-Mapping Approaches to Empirical Modeling of Engineering Problems
 Dissertation Chair: I. Flood
- Keith Richard Weghorst, Bachelor of Arts, 2006, Northwestern University–Illinois; Master of Arts, 2008, University of California at Los Angeles; Master of Arts, 2011, University of Florida
 Major: *Political Science*
 Dissertation: Losing the Battle, Winning the War: Legislative Candidacy in Electoral Authoritarian Regimes
 Dissertation Chair: M. H. Bernhard
 Dissertation Co-chair: S. Lindberg
- Matthew Joseph Weinstein, Bachelor of Science in Engineering, 2010, University of Pittsburgh–Pennsylvania; Master of Science, 2014, University of Florida
 Major: *Mechanical Engineering*
 Dissertation: Source Transformation via Operator Overloading for Algorithmic Differentiation in Matlab
 Dissertation Chair: A. Rao

- Stuart A. Weiss, Bachelor of Science in Animal Science, 1997, Texas A&M University; Master of Science in Agriculture, 2001, Tarleton State University—Texas
 Major: *Horticultural Sciences*
 Dissertation: Sustainability of Cover Crop Rotations in Tropical Low-External-Input Smallholder Organic Farming Systems
 Dissertation Chair: C. A. Chase
- Shelton L. Wright Jr., Bachelor of Science in Chemical Engineering, 2002, Bachelor of Science, 2005, University of Florida
 Major: *Agricultural and Biological Engineering*
 Dissertation: A Dynamic Mathematical Model to Predict Fed-Batch Growth and Lipid Productivity in the Diatom *Phaeodactylum Tricornutum* Under a Potentially Multi-Nutrient Limiting Environment
 Dissertation Chair: B. A. Welt
- Cuichen Wu, Bachelor of Science, 2007, Master of Science, 2010, Xiamen University—China
 Major: *Chemistry*
 Dissertation: Molecular Engineering of Nucleic Acid-Based Nanostructures for Bioanalysis and Biomedicine
 Dissertation Chair: W. Tan
- Kara Lowe Wunderlich, Bachelor of Science *cum laude*, 2008, Master of Science, 2013, University of Florida
 Major: *Psychology*
 Dissertation: Effects of Serial and Concurrent Training on Acquisition and Generalization
 Dissertation Chair: T. R. Vollmer
- Minfei Xu, Bachelor of Engineering, 2010, Hebei University of Technology—China
 Major: *Materials Science and Engineering*
 Dissertation: Surface-Modified Substrates for Enhanced Light Extraction Efficiency From Organic Light Emitting Diodes
 Dissertation Chair: R. K. Singh
- Wan Xu, Bachelor of Arts in Economics, 2006, University of California at Davis; Master of Science in Agricultural Economics, 2011, University of Tennessee; Master of Science, 2014, University of Florida
 Major: *Food and Resource Economics*
 Dissertation: Essays on Sustainable Practices in Commercial Nursery Production and Residential Landscape Irrigation
 Dissertation Chair: H. Khachatryan
- Jun Yin, Bachelor of Engineering, 2008, Xi'an University of Technology—China; Master of Science, 2011, University of Florida
 Major: *Chemical Engineering*
 Minor: *Statistics*
 Dissertation: Integrative Study on the Relationship Between Cell Cycle and Cell Migration
 Dissertation Chair: Y. Tseng
 Dissertation Co-chair: S. A. Svoronos
- Kyusuk You, Bachelor of Engineering, 2006, Hongik University—South Korea; Master of Engineering, 2011, Master of Engineering, 2011, University of Florida
 Major: *Agricultural and Biological Engineering*
 Dissertation: Design of a Robotic Vacuum Gripper for Harvesting Citrus Fruit and an Optimal Vacuum Controller Using Theoretical Model of the Vacuum Grasp
 Dissertation Chair: T. F. Burks
- Wooram Youn, Bachelor of Science in Engineering, 2009, Inha University—South Korea
 Major: *Materials Science and Engineering*
 Dissertation: Light Extraction of Organic Light-Emitting Diodes Using Corrugated Structure
 Dissertation Chair: F. F. So
- Neil Graham Miller Young, Bachelor of Science, 2006, University of Central Lancashire—United Kingdom; Master of Science, 2009, University of Florida
 Major: *Soil and Water Science*
 Dissertation: Drought Avoidance Adaptation of Warm Season Turfgrass in Response to Mild-Recurring Soil Water Deficit and N Fertilization
 Dissertation Chair: A. L. Wright

- Jing Yuan, Bachelor of Science, 2005, Southwest Forestry University—China; Master of Agriculture, 2009, Beijing Forestry University—China
Major: *Interdisciplinary Ecology*
Dissertation: Metrics of Pattern Loss and Ecosystem Change in the Ridgea and Slough Mosaic of the Everglades
Dissertation Chair: M. J. Cohen
- Hao Yue, Bachelor of Engineering, 2009, Xidian University—China
Major: *Electrical and Computer Engineering*
Dissertation: Protocol Design and Optimization for Future Wireless Systems
Dissertation Chair: Y. Fang
- Steven Michael Zehnder, Bachelor of Science in Mechanical Engineering *cum laude*, 2010, Master of Science, 2014, University of Florida
Major: *Mechanical Engineering*
Dissertation: The Cell as a Pump: Multicellular Fluid Balance in Epithelial Monolayers
Dissertation Chair: T. E. Angelini
- Nadim Zgheib, Bachelor of Engineering, 2007, Notre Dame University—Indiana; Master of Science in Aerospace Engineering, 2009, University of Tennessee
Major: *Mechanical Engineering*
Dissertation: Gravity Currents From Non-Axisymmetric Releases
Dissertation Chair: S. Balachandar
- Jianxing Zhang, Bachelor of Science, 2004, China University of Petrol; Master of Biochemical Engineering, 2007, Chinese Academy of Sciences; Master of Statistics, 2012, University of Florida
Co-major: *Forest Resources and Conservation*
Co-major: *Statistics*
Dissertation: Consistency of Genotype X Environment Interactions on Yield and Diameter Distribution for Loblolly and Slash Pine and Verification of Breeding Values Estimated between Single- and Multiple-Tree Plots for Slash Pine
Dissertation Co-chair: G. F. Peter
Dissertation Co-chair: N. A. Bliznyuk
- Li Zhang, Bachelor of Agriculture, 2008, Master of Agricultural Sciences, 2010, China Agricultural University
Major: *Agricultural and Biological Engineering*
Dissertation: Developing a Gene-Based Ecophysiology Model for the Common Bean: Linking Qtls With Models for Early Growth and Development
Dissertation Chair: M. J. Correll
- Wei Zhang, Bachelor of Science, 2010, China Agricultural University
Major: *Nutritional Sciences*
Dissertation: Roles of Zip Metal-Ion Transporters in Iron Transport and Iron Metabolism *In Vivo*
Dissertation Chair: M. D. Knutson
- Lu Zhao, Bachelor of Science, 2008, Master of Engineering, 2011, China Agricultural University
Major: *Nutritional Sciences*
Dissertation: Attenuation of Obesity by Tocotrienol and Application of Muscadine Grape Seed Oil as Its Food Based Delivery System
Dissertation Chair: M. D. Knutson
- Zinan Zhao, Bachelor of Engineering, 2008, Master of Engineering in Control Science and Engineering, 2010, Harbin Institute of Technology—China
Major: *Mechanical Engineering*
Dissertation: A New Scalable Paradigm for High Dimensional Chance Constrained Programs
Dissertation Chair: M. Kumar
- Xi Zheng, Bachelor of Engineering, 2005, Tongji University—China; Master of Science, 2011, Master of Science, 2014, University of Florida
Major: *Civil Engineering*
Dissertation: An Integrated Infrastructure Engineering Decision-Making Procedure: A Finance-Based Fuzzy Time-Cost-Quality Trade-Off Optimization Model Over the Project Life Cycle
Dissertation Chair: R. D. Ellis

- Xiao Zheng, Bachelor of Engineering, 2010, Xi'an Jiaotong University—China; Master of Science in Environmental Horticulture Science, 2012, New York University
 Major: *Public Health*
 Dissertation: Modulation of Influenza Antiviral Infectivity and Toll-Like Receptor Activity by Single-Walled Carbon Nanotubes with Distinct Electronic Structures
 Dissertation Chair: T. L. Sabo-Attwood
- Ying Yi Zheng, Bachelor of Science in Biological Sciences, 2007, University of Maryland at College Park; Master of Science, 2008, Georgetown University—District of Columbia
 Major: *Medical Sciences—Immunology and Microbiology*
 Dissertation: Contribution of Marginal Zone B Cells to Autoimmunity in the Murine Model of Lupus B6.Sle1.Sle2.Sle3
 Dissertation Chair: L. M. Morel
- Di Zhou, Bachelor of Science, 2008, Beihang University—China; Master of Science, 2010, Master of Statistics, 2013, University of Florida
 Major: *Pharmaceutical Sciences*
 Dissertation: Quantitative Characterization of Short-Acting Beta Agonist (Saba) Treatment Effect in Asthmatic Patients
 Dissertation Chair: G. Hochhaus
- Ruijin Zhou, Bachelor of Economics, 2010, Bachelor of Engineering, 2010, Xiamen University—China; Master of Science, 2013, University of Florida
 Major: *Electrical and Computer Engineering*
 Dissertation: Cross-Layer Optimization for Virtual Storage Design in Modern Data Centers
 Dissertation Chair: T. Li
- Mingjian Zhu, Bachelor of Science, 2005, China University of Geosciences; Master of Science, 2007, Peking University—China
 Major: *Design, Construction, and Planning*
 Dissertation: Planning for Sea Level Rise and Land Use Change: Adaptive Conservation Planning and Reserve Design to Conserve Biodiversity in the Matanzas River Basin, Northeast Florida
 Dissertation Chair: T. S. Hoctor
 Dissertation Co-chair: K. I. Frank

DOCTOR OF EDUCATION

- Maria Joaquina Longa, Bachelor of Arts in Psychology, 1987, University of Tampa—Florida; Master of Science in Management, 2000, Georgia State University
 Major: *Educational Leadership*
 Dissertation: Public Policy Examination of Education Funding for English Language Learners: A Multi-State Analysis of Vertical Equity
 Dissertation Chair: R. C. Wood
- Jennifer Ann Thomas, Bachelor of Arts in Psychology, 2003, Medaille College—New York; Master of Science, 2005, Canisius College—New York
 Major: *Higher Education Administration*
 Dissertation: An Analysis of Student-Initiated Versus Proactive Advising in Serving Developmental Education Students
 Dissertation Chair: D. F. Campbell
- Royce L. Turner, Bachelor of Science, 1992, Florida State University; Master of Science, 2000, Nova Southeastern University—Florida
 Major: *Educational Leadership*
 Dissertation: The Effect of Mobility on Graduation and Dropout Rates in a Large Urban School District
 Dissertation Chair: B. Oliver

DOCTOR OF AUDIOLOGY

Jennifer Tomlin Bowman
Kelsey L. Christ
Kerri Angeline Corkrum
Michael C. Cox
Katelyn A. Crockett
Kristen J. Davis
Christine Piontkofsky Etlar
Melanique LaBeaud Fairman
Ashley Katrina Fazio
Joshua Anthony Gilbert

Loretta Louise Hedges
Julee M. Hodges
Rebecca Jean June
Melissa Moon Kemp
Cheuk Kiu Liu
Matthew Floyd Lucas
Kecia D. Maddox
Ashley E. Marcus
Lindsay Eliza May
Jo Acree Moore
Mohammad Mosleh

Srivathsan Nallur Varadarajan
Lee Frantz Oines
Karla Huipe Ramirez
Caitlin Lee Simmons
Catherine Mary Sucher
Angela Marie Vandoli
Carrie Alicia Vautour
Samantha D. Vrooman
Peggy Aileen Warner
Stacey Delane Watson Moore

DOCTOR OF PHYSICAL THERAPY

Abraham Joseph Arroyo
Antonio Marcelino Arroyo
Carly Beth Autrey
Joseph Lance Bailey
Natalie Fish Bailey
Andrew R. Bauer
Ryan W. Belmore
Catherine Allena Boissoneault
Jordan A. Bradosky
Caitlin Catherine Brown
Curtis M. Campbell
Coda M. Casanova
Stephanie M. Castrillo
Alessandra Noelle Conto
Tyler Daniel Craun
Kaitlin Rose Cunningham

Chanel Josephine DeBusk
Brian Joseph Devlin
Regina Marie Difato
Jaclyn Marie DiFiglio
Laura M. Drum
Michelle R. Dugan
Bethany Jean Eicholtz
Kristyn Lee Folsom
Mark Stephen Fowler Jr.
Joseph F. Gentile IV
Haley Vinson Goss
Marissa Caitlin Higgins
Lauren Mae Jones
Ashley Ann Karns
Stephen R. Kramer
Hope Anneliese Lane
Jetaime Yvette Lewis

Ian Grant Lott
Jonathan A. Mantooth
Keri Ann Markut
Colleen Lynsey McDermott
Katelyn P. McKey
Stephanie L. McNamara
Lauren M. Pacho
Alexandra Raine Parrish
Christopher S. Perez de Corcho
Staci L. Pittman
Matthew Eric Prince
Rudi L. Rodriguez
Ronna Hilary Ross
Elizabeth Yanela Saint John
Lauren M. Surdyke
Cody Carson Wolfe





What Makes a University Great?

Some interesting facts about the University of Florida

Educational Excellence

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

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

Faculty

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

Students

- More than 97 percent of incoming freshmen score above the national average (1497/21) on standardized exams. Students admitted for the fall 2014 freshman class had an average 4.3 GPA and an average SAT score of 1925.
- More than 1,260 International Baccalaureate students were enrolled in UF in February 2014 – more than any other university in the United States. The freshman retention rate of 96 percent is among the highest in the country.
- Among AAU public universities, UF ranked first in master's degrees and second in bachelor's degrees awarded to Hispanic students in 2013.
- Sixty-seven percent of UF freshmen graduate in four years, and 85 percent of UF freshmen graduate within six years.
- Nearly two-thirds of UF graduates leave the university with no student loan debt. For the remaining third, their average indebtedness is about \$20,708, as compared with the national average of roughly \$29,400.

UF

2015 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 lifelong learning. The brick pattern on the handle symbolizes higher education tradition and structure. Like the institution it represents, the mace is not static; growth and movement are expressed with loose rings engraved with the names of the university's presidents and their years in office.

UF

2015 SPRING
COMMENCEMENT

Diplomas

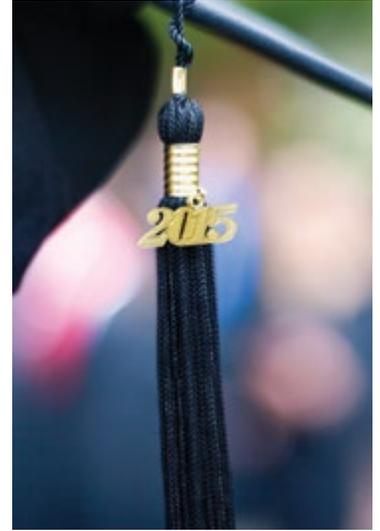
Diplomas will be mailed to the graduate's permanent home mailing address in June 2015.

Caps and Gowns, An Explanation

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

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

The doctoral costume also has velvet bands down the front of the gown and velvet cross bars on the sleeves. Colored tassels on the degree candidates' caps indicate a candidate's school or college.



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

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

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

Agriculture and Life Sciences; Forest Resources and Conservation - Maize

Arts - Brown

Audiology - Colonial Blue

Business Administration; Accounting - Drab

Dentistry - Lilac

Design, Construction and Planning; Building Construction - Blue Violet

Education - Light Blue

Engineering - Orange

Journalism and Communications - Garnet

Law - Purple

Liberal Arts - White

Liberal Sciences - Golden Yellow

Medicine - Green

Music - Pink

Natural Resources and Environment - Antique Gold

Philosophy - Royal Blue

Public Health - Salmon Pink

Rehabilitation Counseling - Nile Green





UF

Alma Mater

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

Milton Yeats