

# Commencement

**UF** | UNIVERSITY *of*  
**FLORIDA**



# Commencement SUMMER 2018

## SOCIAL MEDIA

Whether you are a #UFGrad or you are here to celebrate a #UFGrad, we invite you to join the commencement conversation on social media. Select tweets will be featured on the video boards prior to and after the ceremony.

## PHOTOGRAPHS

The university requests that all commencement guests remain in their seats while taking photographs; no guests are permitted in the graduates' seating area. Photographs of the graduates as they cross the stage are available through companies that have contracts with the university. Color photographs are available from University Photography, PO Box 2454, Tuscaloosa, AL 35403-2454, 205-391-9500.

## COMMENCEMENT PROGRAM

Additional copies of this commencement program are available while supplies last at the UF Bookstore for a \$1 donation to the Machen Florida Opportunity Scholars program, which helps fund a UF education for low-income students who are first in their family to attend college. The commencement program can be ordered online with an additional charge for shipping and handling.

## THIS IS NOT AN OFFICIAL GRADUATION LIST

While every effort is made to ensure accuracy in this commencement program, printing deadlines may result in omission of some names and use of names of persons not completing graduation requirements as intended. This printed program, therefore, should not be used to determine a student's academic or degree status. The university's official registry for conferral of degrees is the student's permanent academic record as reflected on the student's transcript, maintained by the Office of the University Registrar.



## Greetings from the President

On behalf of the University of Florida, our faculty and our entire university community, I would like to extend my deepest congratulations to you, the Doctoral Graduates of 2018.

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

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

The university has benefited from your research work, teaching, insights and discoveries, and we are grateful to you for your time here. We hope you will recall these years fondly, and that you will remain connected to UF as active members of our distinguished alumni.

Good luck, best wishes, and Go Gators!



W. Kent Fuchs

## University of Florida President

### Dr. W. Kent Fuchs

Dr. Kent Fuchs became the 12<sup>th</sup> President of the University of Florida in January 2015. Building on many years of excellence and focused leadership, the university has reached its goal of joining the nation's top-ten public research universities. Dr. Fuchs has set UF on a path to joining the top-five public research universities and becoming the nation's number one university for comprehensive excellence. UF is working toward those goals through the creation of 500 new faculty positions, the addition of advanced and beautiful university facilities and an ongoing \$3 billion fundraising campaign.

Previous to the UF presidency, Dr. Fuchs was provost of Cornell University. He has served in academic leadership positions and as a faculty member of electrical and computer engineering at Cornell, Purdue and the University of Illinois.

He is a fellow of the American Academy of Arts and Sciences, the American Association for 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. He credits divinity school with teaching him communication and community-building skills, and to balance his innately analytic perspective with a deep appreciation for human relationships. He also holds 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. The Fuchs family has three sons, a daughter, and three grandchildren.

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.

## University of Florida Leadership

### State Board of Education

<b>Pam Stewart</b> <i>Commissioner of Education</i>	<b>Gary Chartrand</b> <b>Ben Gibson</b> <b>Tom Grady</b> <b>Michael Olenick</b> <b>Joe York</b>
<b>Marva Johnson</b> <i>Chair</i>	
<b>Andy Tuck</b> <i>Vice Chair</i>	

### Florida Board of Governors

<b>Marshall M. Criser III</b> <i>Chancellor</i>	<b>Tim Cerio</b> <b>Patricia Frost</b> <b>H. Wayne Huizenga, Jr.</b> <b>Darlene L. Jordan</b> <b>Alan M. Levine</b> <b>Wendy S. Link</b> <b>Edward A. Morton</b> <b>Jay S. Patel</b> <b>Kishane Patel</b> <b>Norman D. Tripp</b> <b>Gary S. Tyson</b> <b>Fernando J. Valverde</b> <b>Zach P. Zachariah</b>
<b>Pam Stewart</b> <i>Commissioner of Education</i>	
<b>Ned C. Lautenbach</b> <i>Chair</i>	
<b>Sydney Kitson</b> <i>Vice Chair</i>	

### University of Florida Board of Trustees

<b>Morteza "Mori" Hosseini</b> <i>Chair</i>	<b>Katherine Vogel Anderson</b> <b>David L. Brandon</b> <b>Ian M. Green</b> <b>James W. "Bill" Heavener</b> <b>Leonard H. Johnson</b> <b>Daniel T. O'Keefe</b> <b>Rahul Patel</b> <b>Marsha D. Powers</b> <b>Jason J. Rosenberg</b> <b>Robert G. Stern</b> <b>Anita G. Zucker</b>
<b>Thomas G. Kuntz</b> <i>Vice Chair</i>	

### President and Vice Presidents of the University

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

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

**David R. Nelson, M.D.**  
*Interim Senior Vice President - Health Affairs*

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

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

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

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

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

**Mark E. Kaplan, J.D.**  
*Vice President - Government and Community Relations*

**Jodi Gentry, M.A.**  
*Vice President - Human Resource Services*

**Amy M. Hass, J.D.**  
*Vice President - General Counsel*

**David Parrott, Ed.D.**  
*Vice President - Student Affairs*

**Thomas J. Mitchell, M.S.**  
*Vice President - Advancement*

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

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

**Winfred M. Phillips, Ph.D.**  
*Interim Vice President for Strategic Communications and Marketing*

**Antonio Farias, M.F.A.**  
*Chief Diversity Officer and Senior Advisor to the President*

### Deans of the University

<b>R. Elaine Turner, Ph.D.</b> <i>College of Agricultural and Life Sciences</i>	<b>Leonardo Villalón, Ph.D.</b> <i>International Center</i>
<b>Onye Ozuzu, M.F.A.</b> <i>College of the Arts</i>	<b>Diane H. McFarlin, B.S.</b> <i>College of Journalism and Communications</i>
<b>John Kraft, Ph.D.</b> <i>Warrington College of Business</i>	<b>Laura A. Rosenbury, J.D.</b> <i>Fredric G. Levin College of Law</i>
<b>A. Isabel Garcia, D.D.S., M.P.H.</b> <i>College of Dentistry</i>	<b>David E. Richardson, Ph.D.</b> <i>College of Liberal Arts and Sciences</i>
<b>Chimay Anumba, Ph.D.</b> <i>College of Design, Construction and Planning</i>	<b>Adrian Tyndall, M.D., M.P.H.</b> <i>Interim, College of Medicine</i>
<b>Glenn E. Good, Ph.D.</b> <i>College of Education</i>	<b>Anna M. McDaniel, Ph.D., R.N.</b> <i>College of Nursing</i>
<b>Cammy R. Abernathy, Ph.D.</b> <i>Herbert Wertheim College of Engineering</i>	<b>Julie A. Johnson, Pharm.D.</b> <i>College of Pharmacy</i>
<b>Henry T. Frierson, Ph.D.</b> <i>The Graduate School</i>	<b>Michael G. Perri, Ph.D.</b> <i>College of Public Health and Health Professions</i>
<b>Michael Reid, Ph.D.</b> <i>College of Health and Human Performance</i>	<b>James W. Lloyd, D.V.M., Ph.D.</b> <i>College of Veterinary Medicine</i>
<b>Nick Place, Ph.D.</b> <i>IFAS Extension</i>	<b>Judith C. Russell, M.S.</b> <i>University Libraries</i>
<b>Jacqueline Burns, Ph.D.</b> <i>IFAS Research</i>	<b>Heather White, Ph.D.</b> <i>Dean of Students</i>

## COMMENCEMENT AGENDA - FRIDAY, AUGUST 10, 4:00 p.m.

Presiding	W. Kent Fuchs <i>President</i>
Processional	Gainesville Brass Quintet
National Anthem	Anthony Offerle Gainesville Brass Quintet
Welcome	W. Kent Fuchs
Introductions	Joseph Glover <i>Provost and Senior Vice President for Academic Affairs</i>
Commencement Address	W. Gregory Sawyer <i>Professor, Mechanical and Aerospace Engineering</i>
Presenting Candidates for Degrees	Joseph Glover
Conferring of Degrees	Robert Stern <i>Member, UF Board of Trustees</i>
Closing Remarks	W. Kent Fuchs
Alma Mater	Anthony Offerle Gainesville Brass Quintet
Recessional	Gainesville Brass Quintet
Postlude	Gainesville Brass Quintet



## Commencement Speaker

### W. Gregory Sawyer

Greg Sawyer is a professor, engineer, scientist, cancer researcher and cancer survivor who has turned his attention from exploring outer space to exploring new frontiers in the battle against cancer.

A professor of mechanical engineering at the University of Florida, Greg was a member of the original Mars Rover design team at NASA's Jet Propulsion Laboratory. He helped design equipment for the Mars Pathfinder's Sojourner Rover that surveyed the Martian landscape, and decades later he designed and built the first moving mechanical experiments that operated while exposed to the harsh low-Earth orbit environment aboard the International Space Station.

In 1998, while a Ph.D. student at Rensselaer Polytechnic Institute, Greg unveiled a molecular dynamics simulation at the prestigious TED conference in Monterey, Calif. The program – written with college roommate Torkel Svanes – was designed to run on desktop computers rather than supercomputers and helped researchers quickly test hypotheses and interact with atoms in motion.

Twenty years later, Greg's approach to cancer research follows the same mold, with a focus on allowing scientists to visualize and interact with cancer. Using bio-printing techniques and other approaches pioneered at UF's Herbert Wertheim College of Engineering, his team builds tumors from patient's cancer cells. This gives researchers



the opportunity to test therapies and study their biology in 3D, real time in the laboratory.

After his own diagnosis with stage-IV cancer, Greg converted his laboratory in surface engineering into a center for cancer and tumor engineering. He has taught thousands of students and mentored dozens of PhD students – many of whom, like Greg, now work at the interfaces between engineering, science and biomedicine. He is a member of the National Academy of Inventors and a UF Distinguished Teaching Scholar who holds dozens of patents and has authored over 200 scientific publications.

Greg and his wife, Carol, have two sons, William, 17, and Charles, 13.



# GRADUATE SCHOOL

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

## DOCTOR OF PHILOSOPHY

### Mohammad Y. Abdulrahman

Major: *Geography*

Dissertation: Channel Bed and Geometry Changes in the Upper Atchafalaya River 1967 to 2006

Dissertation Chair: J. Mossa

### Yasmeen M. Abouelhassan

Major: *Pharmaceutical Sciences—Medicinal Chemistry*

Dissertation: Discovery and Mechanistic Studies of Novel Bacterial Biofilm-Eradicating Agents

Dissertation Chair: R. W. Huigens III

### Denny Fe Garcia Agana

Major: *Epidemiology*

Dissertation: Identifying Primary Care Relevant Risk Factors to Reduce Readmissions

Dissertation Chair: C. L. Striley

### Shakeel Ahmed

Major: *Rehabilitation Science*

Dissertation: Acute Intermittent Hypoxia and Inspiratory Threshold Loading as Strategies to Enhance Inspiratory

Muscle Function

Dissertation Chair: A. D. Martin III

### Ibtisam Hilal Al Abri

Major: *Food and Resource Economics*

Dissertation: Building Resilient, Firewise Forests: Evaluating Wildfire Management Strategies in a Stochastic

Dynamic Framework

Dissertation Chair: K. A. Grogan

### Mimonah Qasim Al qathrady

Major: *Computer Engineering*

Dissertation: Data-Driven Indoor Mobility Analysis, Modeling, and Encounter Classification for IoT Applications

Dissertation Chair: A. A. Helmy

### Abdullah A. Alalwan

Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*

Dissertation: Assessment of the Use of Warfarin in Bariatric Surgery Patients

Dissertation Chair: A. G. Hartzema

### Ahmad Mohammad Hassan Al-Bashaireh

Major: *Nursing Sciences*

Dissertation: Comparison of Bone Turnover Markers between Young Adult Male Smoker and Nonsmokers

Dissertation Chair: M. Weaver

### Mohammad Shabib Al-Khaldi

Major: *Coastal and Oceanographic Engineering*

Dissertation: Turbulence over an Inner-Shelf Influenced by Waves, Tides, and Thermal Stratification

Dissertation Chair: A. Valle-Levinson

### Shaikha Helal Al-Kuwari

Major: *Anthropology*

Dissertation: Cultural Beliefs of Type-2 Diabetes among First and Second Generation Arab American Muslims in

Dearborn, Michigan

Dissertation Chair: H. R. Bernard

### Abeer R. Almudaihim

Major: *Nutritional Sciences*

Minor: *Agricultural Education and Communication*

Dissertation: Comprehensive Home Food Environment Intervention for College Freshmen Living in a Residence Hall

Dissertation Chair: K. P. Shelnett

### Brian M. Amos

Major: *Political Science*

Dissertation: Gerrymandering in Florida and the Nation

Dissertation Chair: D. A. Smith

### Rodrigo Antunes

Major: *Civil Engineering*

Dissertation: Effects of Aggregate Gradation on Aggregate Packing

Dissertation Chair: M. Tia

### Clayton W. Argenbright

Major: *Materials Science and Engineering*

Dissertation: Effect of Nanoscale and Hierarchical Topographies on the Antifouling Efficacy of Silicone Surfaces

Dissertation Chair: A. B. Brennan

### Danielle Marianne Arnold

Major: *Animal Sciences*

Dissertation: Approaching Challenges in Animal Conservation: Understanding Elephant Reproductive Biology and

Utilizing Animal Behavior Research Experience to Engage Students in Science

Dissertation Chair: E. K. Miller Cushon

### Aurélia Marie Danielle Aubert

Major: *History*

Dissertation: Empires of Liberty: Republicanism and Slavery in Napoleonic France and the American South

Dissertation Chair: W. Link

### Kelsey L. Autin

Major: *Counseling Psychology*

Dissertation: Career Development in Undocumented Immigrant Young Adults: A Qualitative Analysis

Dissertation Chair: R. D. Duffy

### Eyup Serdar Ayaz

Major: *Computer Science*

Dissertation: Geometric Algorithms for Witness Sets and Guard Sets in Piecewise Linear Models

Dissertation Chair: A. Ungor

### Hassan Azad

Major: *Design, Construction and Planning*

Dissertation: Computer Modeling of Sound Diffusion and Scattering Coefficients and Their Influence on the Diffusivity

and Acoustic Quality of Architectural Spaces

Dissertation Chair: G. W. Siebein

### Jing Bai

Major: *Food Science*

Dissertation: Spoilage Indicators for Determining Tuna and Mahi-Mahi Quality and Safety

Dissertation Chair: P. J. Sarnoski

### Ray Bai

Major: *Statistics*

Dissertation: Bayesian High-Dimensional Models with Scale-Mixture Shrinkage Priors

Dissertation Chair: M. Ghosh

### Navid Bargrizan

Major: *Music*

Dissertation: Microtonality, Technology, and (Post)Dramatic Structures in the Theatrical Music of Harry Partch and

Manfred Stahnke

Dissertation Chair: S. dos Santos

**Nathan S. Barnwell**

Major: *Aerospace Engineering*

Dissertation: Free-Space Optical Links for Small Spacecraft Navigation, Timing, and Communication

Dissertation Chair: J. Conklin

**Ricardo Barroso Ferreira**

Major: *Chemistry*

Dissertation: Triiron Complexes for the Study of Nitrogen Fixation

Dissertation Chair: L. J. Murray

**Estefania Mercedes Basurto Cedeño**

Major: *Health and Human Performance*

Dissertation: Developing a Resilience Model for Destinations: An Application to Ecuador

Dissertation Chair: L. Pennington

**Craig C. Bateman**

Major: *Entomology and Nematology*

Dissertation: Patterns of Coevolution among Symbiotic Fungi, Bacteria, and Scolytine Beetles

Dissertation Chair: J. Hulcr

**Martha Battaglin Ramos**

Major: *Design, Construction and Planning*

Dissertation: The Restorative Urban Realm: A Psychosocial Approach to Construct the Restorative Urban

Experiential Landscape

Dissertation Chair: T. S. Hoctor

**Jody Nicole Berman**

Major: *Art History*

Dissertation: Laughing 'Til It Hurts: Race, Humor, and Subversion in the Work of Ten Artists

Dissertation Chair: R. E. Poynor

Dissertation Co-chair: P. A. Ortiz

**Elizabeth M. Beshearse**

Major: *Nursing Sciences*

Dissertation: Source Attribution of Illnesses Transmitted Commonly by Food and Water in the United States Using

Structured Expert Judgment

Dissertation Chair: J. Cimiotti

**Melissa M. Bianchi**

Major: *English*

Dissertation: Simulated Species: The Question of the Animal in Digital Games

Dissertation Chair: T. A. Harpold

**Joseph B. Black**

Major: *Medical Sciences—Molecular Cell Biology*

Dissertation: GRK5 Promotes Prostate Cancer Progression

Dissertation Chair: Y. Daaka

**Eric Carl Blair**

Major: *Industrial and Systems Engineering*

Dissertation: Models and Algorithms for Preventive Maintenance Scheduling with Hierarchical Set-Ups

Dissertation Chair: Y. Guan

Dissertation Co-chair: E. Akcali

**Amanda Boczkowski**

Major: *Medical Sciences—Medical Physics*

Dissertation: Design, Construction, and Validation of a Novel Collimation System to Perform Proton Stereotactic

Radical Surgery Using a Mevion S250 Proton Therapy Unit

Dissertation Chair: F. J. Bova

**Carolyn C. Bradley**

Major: *English*

Dissertation: John O'Brien's *The Review of Contemporary Fiction*: A Love Letter

Dissertation Chair: M. C. Bryant

**William Marshall Brewer**

Major: *Materials Science and Engineering*

Dissertation: Investigation of SiGe FinFETs and Vertically Stacked Nanowires via Atom Probe Tomography

Dissertation Chair: K. S. Jones

**Daniel J. Brooker**

Major: *Physics*

Dissertation: Precision Predictions of Primordial Power Spectra

Dissertation Chair: R. P. Woodard

**Kevin Edward Buettner**

Major: *Chemical Engineering*

Dissertation: Incorporating Complex Particle Properties into the Closure Models for Continuum Simulations of

Granular Flows

Dissertation Chair: J. S. Curtis

**James D. Bullock II**

Major: *Chemistry*

Dissertation: *Trans-N-Heterocyclic Carbene Platinum (II) Acetylides and Their Application in Deep Blue Organic*

Light-Emitting Diodes

Dissertation Chair: K. S. Schanze

Dissertation Co-chair: R. K. Castellano

**Larry Edwin Burrell II**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: The Association of Adolescent Perceived Peer Condom Use Norms and Sexual Health among Adult Men

Dissertation Chair: N. Ennis

Dissertation Co-chair: M. E. Robinson

**Zachary Ronald Dylan Thomas Bush**

Major: *Physics*

Dissertation: Sub-Photon per Second Detection Using Optical Heterodyne Interferometry

Dissertation Chair: G. Mueller

**Earlesha T. Butler**

Major: *Mass Communication*

Dissertation: The Contemporary Black Press: Journalists Perceived Shared Professional Values, Newsroom

Community Role, and Self-Empowerment

Dissertation Chair: B. E. Tripp

**Xuan Cao**

Major: *Statistics*

Dissertation: Graphical Models, Nonlocal Priors in High-Dimensional Bayesian Analysis

Dissertation Chair: K. Khare

Dissertation Co-chair: M. Ghosh

**Zhendong Cao**

Major: *Coastal and Oceanographic Engineering*

Dissertation: Baroclinic Effects on the Long-Term Estuarine Morphodynamic Evolution

Dissertation Chair: M. Olabarrieta Lizaso

**Melissa Raquel Cervantez**

Major: *Psychology*

Dissertation: Cortical Processing during Reward Based Decision-Making

Dissertation Chair: N. E. Rowland

Dissertation Co-chair: A. Keil

**Dee Duygu Cetin-Berber**

Major: *Research and Evaluation Methodology*

Dissertation: Examining the Performance of Multilevel Multiple Imputation Methods for Propensity Score Analysis

with a Continuous Treatment

Dissertation Chair: W. L. Leite

**Choeeta Chakrabarti**

Major: *Anthropology*

Dissertation: Trump, the Alt-Right and Modern Populism in America

Dissertation Chair: C. McCarty

**Saptarshi Chakraborty**

Major: *Statistics*

Dissertation: Theory and Applications of Markov Chain Monte Carlo Techniques

Dissertation Chair: K. Khare

Dissertation Co-chair: S. W. Wong

**Krittapas Chanchaiworawit**

Major: *Astronomy*

Dissertation: Discovery of the Highest Redshift Protocluster: Lyman Alpha Emitters at  $z=6.5$

Dissertation Chair: R. Guzman

**Manu Chandran**

Major: *Electrical and Computer Engineering*

Dissertation: Application of Machine Learning Techniques in Point Cloud Generation and Point Cloud Object Classification

Dissertation Chair: D. Wu

**Nilovna Chatterjee**

Major: *Forest Resources and Conservation*

Minor: Soil and Water Sciences

Dissertation: Depth-Wise Distribution of Soil-Carbon Stock under Shaded-Perennial Agroforestry Systems: Case Studies from India and Costa Rica

Dissertation Chair: R. P. Nair

Dissertation Co-chair: V. D. Nair

**Chao Chen**

Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*

Dissertation: Observational Studies in Inflammatory Bowel Disease

Dissertation Chair: A. G. Hartzema

**Chen Chen**

Major: *Astronomy*

Dissertation: The Gaseous Environments of Quasars: Outflows, Feedback and Cold Mode Accretion

Dissertation Chair: F. Hamann III

Dissertation Co-chair: V. L. Sarajedini

**Hao Chen**

Major: *Public Health*

Dissertation: Carbon Nanotubes Modulate Host Pulmonary Immune Responses and Respiratory Virus Infection

Dissertation Chair: T. L. Sabo-Attwood

**Li-Li Chen**

Major: *Political Science*

Dissertation: Women's Mixed Experiences during the United Nations (UN) Peace Operations in Post-Intervention Timor-Leste

Dissertation Chair: L. E. Sjoberg

**Karishma Sanjay Chhabria**

Major: *Public Health*

Dissertation: Investigating the Impact of Biopsychosocial Factors on Treatment Outcomes in Head and Neck Cancer Patients

Dissertation Chair: G. D. Carnaby

Dissertation Co-chair: A. V. Blue

**Alexander Barrett Chidakel**

Major: *Interdisciplinary Ecology*

Dissertation: Institutions, Governance, and the Economic Performance of Protected Areas in Southern Africa

Dissertation Chair: B. A. Child

Dissertation Co-chair: G. Barnes

**Keith George Christopher**

Major: *Chemical Engineering*

Dissertation: Iontophoresis via Contact Lenses

Dissertation Chair: A. Chauhan

**Eunjin Chun**

Major: *Linguistics*

Dissertation: The Role of Prediction in Adaptation: An Evaluation of Error-Based Learning Accounts

Dissertation Chair: E. Kaan

**Jung Won Chun**

Major: *Mass Communication*

Dissertation: Understanding Empowerment Process of Willingness to Speak out on Social Media: The Effects of Perceived Opinion Congruency, Online Supportive Communication, and Psychological Empowerment

Dissertation Chair: M. J. Lee

**Andrew Perry Clark**

Major: *Classical Studies*

Dissertation: Solon the Poet, Solon the Lawgiver, Solon the Sage: The Intersecting Legends of Solon

Dissertation Chair: R. S. Wagman

**Blake C. Colclasure**

Major: *Agricultural Education and Communication*

Dissertation: Effects of Inquiry-Based Instruction in an Environmentally Focused Agriscience Curriculum on Students Content Knowledge Achievement, Critical Thinking Ability, and Environmental Attitude

Dissertation Chair: A. C. Thoron

**Zachary K. Collier**

Major: *Research and Evaluation Methodology*

Dissertation: Data Mining Techniques to Estimate Propensity Scores for Categorical and Continuous Treatments

Dissertation Chair: W. L. Leite

**Cristina Colomer Winter**

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: Significance of (p)ppGpp and Manganese Homeostasis to *Enterococcus faecalis* Systemic Infections

Dissertation Chair: J. A. Lemos

**Anthony Coman**

Major: *English*

Dissertation: CinemaScope Aesthetics: Technology, Style, and Meaning

Dissertation Chair: M. C. Turim

**David J. Cox**

Major: *Psychology*

Dissertation: Influences on Delay and Probability Discounting in Humans

Dissertation Chair: J. Dallery

**James Matthew Crandall**

Major: *Anthropology*

Dissertation: The Transformations of Empire: Negotiating Inka and Spanish Colonialism in an Upper Amazonian Community

Dissertation Chair: A. Oyuela-Caycedo

**Earl Charles Crew**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Microlongitudinal Assessment of Non-Motor Disturbances in Parkinson's Disease: Influence of Sleep on Pain, Mood, and Cognition

Dissertation Chair: M. E. Robinson

**Paul E. Crittenden**

Major: *Mechanical Engineering*

Dissertation: Numerical Methods for Single and Two-Phase Flow Developed to Determine the Stability of Rapidly Expanding Contact and Particle Interfaces

Dissertation Chair: S. Balachandar

**Khanh Quoc Dang**

Major: *Mechanical Engineering*

Dissertation: Atomistic Simulations of Dislocation Properties and the Role of Stress State in Aluminum

Dissertation Chair: D. Spearot

**Lindsey E. Darwin**

Major: *Health and Human Performance*

Dissertation: The Leaking Pipeline: Voluntary Occupational Turnover and The Experiences of Former NCAA Female Assistant Coaches

Dissertation Chair: M. Sagas

**Dipsikha Debnath**

Major: *Physics*

Dissertation: Generic and Sensitive Searches for New Physics

Dissertation Chair: K. T. Matchev

**Christopher D. DeCubellis**

Major: *Agricultural Education and Communication*

Dissertation: Factors that Influence Middle and High School Student Participation in 4-H Clubs

Dissertation Chair: R. K. Barrick

**Alissa C. Deming**

Major: *Veterinary Medical Sciences*

Dissertation: The Role of Otarine herpesvirus-1 in California Sea Lion (*Zalophus californianus*) Urogenital Carcinoma

Dissertation Chair: J. F. Wellehan Jr.

**Adrienne Danielle deNoyelles**

Major: *History*

Dissertation: The Lung Block: Tuberculosis and Contested Spaces in Progressive-Era New York

Dissertation Chair: J. S. Adler

**Meghan Deshais**

Major: *Psychology*

Dissertation: Evaluations of Imitation Training with Children with Autism

Dissertation Chair: T. R. Vollmer

**Allyson D. Diggins**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Understanding Physical Activity Behavior among Black Female College Students: An Exploration of the Theory of Planned Behavior and PEN-3 Model

Dissertation Chair: N. Ennis

**Qian Ding**

Major: *Rehabilitation Science*

Dissertation: Neural Adaptations after Non-Paretic Hand Exercise to Task-Failure in Chronic Stroke

Dissertation Chair: C. Patten

**Phillip John Dixon**

Major: *Chemical Engineering*

Dissertation: Translational Research in Ophthalmic Drug Delivery from Lab to Clinic

Dissertation Chair: A. Chauhan

**Arthur Reginald Dizon**

Major: *Chemical Engineering*

Dissertation: Optimization of Electrokinetic Dewatering of Phosphatic Clay Suspension and Geometric Effects on Electrochemical Impedance Spectra of Gold Interdigitated Electrodes

Dissertation Chair: M. E. Orazem

**Rongrong Dong**

Major: *Curriculum and Instruction*

Dissertation: Teaching Reading and Writing beyond High-Stakes Testing: One High School Exemplary Chinese Language Arts Teacher's Efforts in Nurturing Readers and Writers under a Test-Driven Culture

Dissertation Chair: D. Fu

**Leilei Duan**

Major: *Design, Construction and Planning*

Dissertation: Exploring Geodesign: Using Three-Dimensional Parametric Modeling Techniques in Conjunction with Two-Dimensional Land Use Models to Better Visualize Future Growth

Dissertation Chair: P. D. Zwick

Dissertation Co-chair: I. Bejleri

**Nicholas David Ducharme-Barth**

Major: *Fisheries and Aquatic Sciences*

Dissertation: Using Vessel Monitoring System Data to Understand the Spatial and Temporal Dynamics of the Commercial Vertical Line Fishery for Reef Fish in the Gulf of Mexico

Dissertation Chair: R. Ahrens

**Isaac D. Duerr**

Major: *Agricultural and Biological Engineering*

Dissertation: Temporal and Spatio-Temporal Modeling with Applications to Biological Processes

Dissertation Chair: N. A. Bliznyuk

**Shaun M. Duke**

Major: *English*

Dissertation: The Archipelago of Worlds: Caribbean Literature and the Modalities of Liberative Spatiality

Dissertation Chair: L. R. Rosenberg

Dissertation Co-chair: P. E. Wegner

**Brenda Wells Dyal**

Major: *Nursing Sciences*

Dissertation: Discrimination of Pain Type in Adults with Sickle Cell Disease Examination of the Association between PAINReportIt Sensory Pain Quality Descriptors and Quantitative Sensory Testing

Dissertation Chair: D. J. Wilkie

Dissertation Co-chair: M. O. Ezenwa

**Daniel J. Eizenga**

Major: *Political Science*

Dissertation: Managing Political Liberalization after Multiparty Elections: Regime Trajectories in Burkina Faso, Chad, and Senegal

Dissertation Chair: L. A. Villalon

**Rasha Assad Elhesha**

Major: *Computer Engineering*

Dissertation: Developing Efficient Algorithms to Identify Patterns of Biological Networks

Dissertation Chair: T. Kahveci

**Johanna Paulina Espin Moscoso**

Major: *Sociology*

Dissertation: Regulations, Enforcement and Policies to Address Environmental Harms in Artisanal and Small-Scale Gold Mining (ASGM) in Peru

Dissertation Chair: S. G. Perz

**Catherine Fahey**

Major: *Interdisciplinary Ecology*

Dissertation: The Role of Plant-Soil Interactions in Plant Invasion and Response to Chronic Drought

Dissertation Chair: S. Flory

**Farimah Farahmandi**

Major: *Computer Engineering*

Dissertation: Hardware Trust Verification using Formal Methods

Dissertation Chair: P. K. Mishra

**Jixin Feng**

Major: *Electrical and Computer Engineering*

Dissertation: Jamming Attacks to Partition Wireless Networks and Defensive Strategies

Dissertation Chair: J. M. Shea



**Maureen Patricia Fennessy**

Major: *Curriculum and Instruction*

Dissertation: Reading and Writing in Sixth-Grade Science Classrooms

Dissertation Chair: Z. Fang

**Fernanda Carolina Ferreira**

Major: *Animal Sciences*

Dissertation: Studies on Seasonality of Dairy Production across the U.S.

Dissertation Chair: A. De Vries

**Jasper Colin Fessmann**

Major: *Mass Communication*

Dissertation: Fundamentals of Public Interest Communications

Dissertation Chair: L. L. Hon

**Oscar Figueroa III**

Major: *Materials Science and Engineering*

Dissertation: Design of High Strength Shape Memory Alloys in the Ni-Ti-Ga Ternary System

Dissertation Chair: M. V. Myers

**Evan Matthew Forman**

Major: *Chemical Engineering*

Dissertation: Using NMR Diffusometry to Understand Gas Transport in Novel Porous Membranes and Catalysts

Dissertation Chair: S. Vasenkov

Dissertation Co-chair: K. J. Ziegler

**Xinyu Fu**

Major: *Design, Construction and Planning*

Dissertation: Locally Emerged Adaptation Planning For Sea-Level Rise in the United States: Evidence from Vulnerability

Assessment, Institutional Adaptive Capacity, and Adaptation

Dissertation Chair: Z. Peng

**Janak Gaire**

Major: *Medical Sciences—Neuroscience*

Dissertation: Assessment of Biological Failure Mechanisms of Intracortical Microelectrodes

Dissertation Chair: K. Otto

**Brittany Nicole Gannon**

Major: *Nursing Sciences*

Dissertation: Social Networks, Social Capital, and Loneliness of Rural and Sub-Urban Older Adults Living with HIV

Dissertation Chair: J. R. Stacciarini

**Alan Garner**

Major: *Astronomy*

Dissertation: Probing the Galactic Center with CIRCE

Dissertation Chair: S. S. Eikenberry

**Sky Vladimir Georges**

Major: *Agricultural Education and Communication*

Dissertation: An In-Depth Analysis of the Lived Experiences of Agricultural Undergraduate Students in Haiti

Dissertation Chair: N. L. Stedman

**Bruce Allan Getz Jr.**

Major: *Mass Communication*

Dissertation: How Motivation and Instructor Presence Affect Learning a Nonacademic Hands-On Task from a Video Tutorial

Dissertation Chair: Y. Lee

Dissertation Co-chair: D. H. Ostroff

**Satyajit Ghosh**

Major: *Statistics*

Dissertation: Consistency of High Dimensional Bayesian Time Series

Dissertation Chair: K. Khare

Dissertation Co-chair: G. Michailidis

**Tuhin Ghosh**

Major: *Chemistry*

Dissertation: Syntheses and Properties of Molecular Manganese-oxo Clusters and Supramolecular Aggregates of Single-Molecule Magnets

Dissertation Chair: G. Christou

**Vashkar Ghosh**

Major: *Business Administration—Information Systems and Operations Management*

Dissertation: Essays on Operations Strategy and Service Competition

Dissertation Chair: A. J. Vakharia

**Emily Louise Gill**

Major: *Chemistry*

Dissertation: Mass Spectrometry Innovations for Evaluating the Metabolic Signature of Parkinson's Disease and Deep Brain Stimulation

Dissertation Chair: R. A. Yost

**Katie M. Glodzik**

Major: *Interdisciplinary Ecology*

Dissertation: Impacts of Saltwater Intrusion and Hydrologic Change to Salt Marsh and Coastal Forest of Florida's Big Bend

Dissertation Chair: D. A. Kaplan

**Dihong Gong**

Major: *Computer Science*

Dissertation: Towards Building Large-Scale Multimodal Knowledge Graph

Dissertation Chair: Z. Wang

**Sarah J. Graves**

Major: *Forest Resources and Conservation*

Dissertation: Beyond Greenness: Hyperspectral Signals from Airborne Remote Sensing Data Capture Canopy

Tree Growth Rates

Dissertation Chair: S. A. Bohlman

**David McCaskill Gray**

Major: *Electrical and Computer Engineering*

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

Dissertation Chair: J. C. Principe

Dissertation Co-chair: J. G. Harris

**Kristen Marie Gregory**

Major: *English*

Dissertation: From Mutants to Masterminds: Cold War America and the Fiction of the Gifted Child

Dissertation Chair: K. B. Kidd

**Christopher Robert Greulich**

Major: *Nuclear Engineering Sciences*

Dissertation: Computed Tomography of Dry Cask Storage for Nuclear Fuel

Dissertation Chair: J. E. Baciak

**Hang Guan**

Major: *Computer Engineering*

Dissertation: Image Stacks as Parametric Surfaces: Application to Image Registration and Blind Source Separation

Dissertation Chair: A. Rangarajan

**Yao Guan**

Major: *Psychology*

Dissertation: Oscillatory Brain Dynamics of False Belief Understanding and Complementation Syntax in Adults and School-Aged Children

Dissertation Chair: M. J. Farrar

Dissertation Co-chair: A. Keil

**Andrea Denise Guastello**

Major: *Counseling Psychology*

Dissertation: The Impact of Sleep and Executive Functioning on Pediatric Obsessive-Compulsive Disorder Treatment

Dissertation Chair: J. P. McNamara

Dissertation Co-chair: B. Moradi

**Zimu Guo**

Major: *Electrical and Computer Engineering*

Dissertation: A Framework for Securing Digital Systems against Counterfeiting, Reverse Engineering and Tampering

Dissertation Chair: D. J. Forte

**Mandisa Roeleene Haarhoff**

Major: *English*

Dissertation: Black in the Apartheid Afterlife of Apartheid: Death and Blackness in Late- and Post-Apartheid Narratives

Dissertation Chair: A. O. Amoko

**Ian Kane Hahus**

Major: *Agricultural and Biological Engineering*

Dissertation: The Impact of Spatial Resolution on Predicting Hydrology and Ecological Responses in the A.R.M.

Loxahatchee National Wildlife Refuge, Florida

Dissertation Chair: K. W. Migliaccio

Dissertation Co-chair: R. Munoz-Carpena

**Alexander Arthur Haluska**

Major: *Environmental Engineering Sciences*

Dissertation: Performance Assessments of Bioremediation and Bioaugmentation of Chloroethene DNAPL Source Zones

Dissertation Chair: M. D. Annable

**Ziqian Han**

Major: *Civil Engineering*

Dissertation: Determination of Barge Impact Loads for the Design of Inland and Coastal Waterway Infrastructure

Dissertation Chair: G. R. Consolazio

**Miao He**

Major: *Electrical and Computer Engineering*

Dissertation: Methodologies to Enhance Testability and Security of Modern SoCs

Dissertation Chair: M. M. Tehranipoor

**William C. Hedderon**

Major: *Health and Human Performance*

Dissertation: The Effects of Propranolol on Acute Inflammatory Cytokines and Muscle Function following an Exercise-Induced Muscle Injury to the Shoulder in Individuals with a High Pain Sensitivity COMT Polymorphism

Dissertation Chair: P. A. Borsa

**Rachel Kristin Henesy**

Major: *Counseling and Counselor Education*

Dissertation: LGBTQ+ Affirmative Intersectional Counseling: Development and Evaluation of a Training Workshop for Counseling Students

Dissertation Chair: A. Puig

**Lauren Michael Henry**

Major: *Criminology, Law, and Society*

Dissertation: Prosecutorial Sexual Assault Case Declination in Indian Country: A Legal Theory Consideration

Dissertation Chair: L. M. Lanza Kaduce

**Abigail L. Hernandez**

Major: *Medical Sciences—Neuroscience*

Dissertation: The Role of Prefrontal Cortical-Medial Temporal Lobe Interactions and Metabolism in Cognitive Aging

Dissertation Chair: S. N. Burke

**Ashley Ann Holland**

Major: *English*

Dissertation: Visualizing Resistance: The Sustained Archive of Queer Women's Comics from the 1970s to the 2000s

Dissertation Chair: A. M. Ulanowicz

**Sierra Amber Holland**

Major: *Sociology*

Dissertation: Constructing (M)Otherhood: The Transition to Parenthood for Lesbian Couples

Dissertation Chair: K. L. Broad-Wright

Dissertation Co-chair: T. M. Koropecyk-Cox

**Md Marup Hossain**

Major: *Food and Resource Economics*

Dissertation: Access to Capital and Subsequent Livelihoods of Poor Households in Bangladesh

Dissertation Chair: C. Mullally

**Weijia Hou**

Major: *Chemistry*

Dissertation: Aptamer-Functionalized Nanomaterials for Targeted Photodynamic Therapy

Dissertation Chair: W. Tan

**Lisa Angelina Howell**

Major: *Anthropology*

Dissertation: Anthropology at the Confluence: Intersections of Science and Community in Rural Areas

Dissertation Chair: B. H. Chalfin

**Jianqiu Huang**

Major: *Industrial and Systems Engineering*

Dissertation: Stochastic Optimization: Strong Formulations and Data-Driven Methodologies towards More Reliable Power Systems

Dissertation Chair: Y. Guan

**Yun Huang**

Major: *Chemistry*

Minor: *Statistics*

Dissertation: Functionalized Conjugated Polyelectrolytes for Biological Applications

Dissertation Chair: K. S. Schanze

**Ashley Hudson**

Major: *Political Science*

Dissertation: The Democratizing Role of a Few Defiant Catholic Churches in Mexico's 2000 Political Awakening

Dissertation Chair: L. E. Anderson

Dissertation Co-chair: K. D. Wald

**Jin Hee Hur**

Major: *Special Education*

Minor: *Research and Evaluation Methodology*

Dissertation: Moderator Effects of Dual Language Learner Status on the Instructional Practices and Early Literacy Outcome Relationship

Dissertation Chair: P. Snyder

**Chueh-Lung Hwang**

Major: *Health and Human Performance*

Dissertation: Vascular Effects of All-Extremity High-Intensity Interval Training versus Moderate-Intensity Continuous Training in Adults with Type 2 Diabetes

Dissertation Chair: D. D. Christou

**Hashem Izadi Moud**

Major: *Design, Construction and Planning*

Dissertation: Measuring Stress Response in Construction Workers Approached by a Small Unmanned Aerial Vehicle

Dissertation Chair: I. Flood

Dissertation Co-chair: C. J. Kibert

**Daniel E. Jackson**

Major: *Physics*

Dissertation: Probing Phase Transitions Using High Pressure and High Magnetic Field

Dissertation Chair: J. J. Hamlin

**Bochao Jia**

Major: *Biostatistics*

Dissertation: Learning Graphical Models for Multiple Types of Biomedical Data

Dissertation Chair: F. Liang

**Xiao Jiang**

Major: *Biomedical Engineering*

Dissertation: Development of Laminated Paper Based RNA Amplification Devices for Detection of Virus and Virus Aerosols

Dissertation Chair: Z. H. Fan

**Joseph John Thalakkottor**

Major: *Mechanical Engineering*

Dissertation: Developing a Unified Velocity Boundary Condition for Fluid Flows

Dissertation Chair: K. Mohseni

**Tarielle M. Jones**

Major: *Materials Science and Engineering*

Dissertation: Astrocytic Differentiation of Human Malignant Glioblastoma U87MG Cells Induced by Porous Poly (1,8-octanediol-co-citrate) Wafers Loaded with All-Trans Retinoic Acid

Dissertation Chair: A. R. Webb

**Hayley Sara Kamin**

Major: *Psychology*

Dissertation: "We Are Suffering as Mothers": Intergenerational Impacts of Maternal Stress and Depression in the Democratic Republic of Congo

Dissertation Chair: D. Kertes

**Orhan Kaplan**

Major: *Curriculum and Instruction*

Dissertation: Analyzing the Effects of Motivation, Expectations, and Self-Concept on Eighth-Grade Students' Mathematics Achievement

Dissertation Chair: T. L. Adams

**Joanna Karavolias**

Major: *Food and Resource Economics*

Dissertation: A Full Market Analysis of the Implications of Raising Broilers without Antibiotics

Dissertation Chair: L. A. House

**Elizabeth Diane Kenney**

Major: *School Psychology*

Dissertation: Effects of a Scripted, Dialogic Reading Intervention on Young Children's Social and Emotional Learning

Dissertation Chair: T. M. Smith-Bonahue

**Ahmed Ezzeldin Khaled**

Major: *Computer Engineering*

Dissertation: Architecture and Programming Model for the Social Internet of Things

Dissertation Chair: A. A. Helal

**Vipada Khaowroongrueng**

Major: *Pharmaceutical Sciences—Pharmacy*

Dissertation: Application of Large-Pore Microdialysis in Pharmacokinetic and Pharmacodynamic Investigation of Therapeutic Monoclonal Antibody

Dissertation Chair: H. C. Derendorf

**Matin Kheirhahan**

Major: *Computer Science*

Dissertation: Real-Time Data Monitoring and Machine Learning Methods for Activity Recognition Using Wearable Devices

Dissertation Chair: S. Ranka

Dissertation Co-chair: T. M. Manini

**Daehwan Kim**

Major: *Health and Human Performance*

Dissertation: Determinants and Outcomes of Flow Experience in Virtual Reality Spectatorship

Dissertation Chair: Y. J. Ko

**Dong-Soo Kim**

Major: *Design, Construction and Planning*

Dissertation: Forecasting Environmental Impact Assessment of Residential Buildings in Florida under Future Climate Change

Dissertation Chair: R. S. Srinivasan

Dissertation Co-chair: A. R. Chini

**Jae Yung Kim**

Major: *Business Administration—Finance*

Dissertation: Essays in Financial Economics

Dissertation Chair: J. R. Ritter

**Jinhee Kim**

Major: *Nutritional Sciences*

Dissertation: Role of Zinc and Metal Transporter SLC39A14 in Murine Skeletal Muscle during Inflammation

Dissertation Chair: R. J. Cousins

**Mi-Jung Kim**

Major: *Medical Sciences—Molecular Cell Biology*

Dissertation: Mitochondrial DNA Deletions in Age-Related Hearing Loss in Mice

Dissertation Chair: S. Someya

**Sungwon Kim**

Major: *Health and Human Performance*

Dissertation: Concussion Knowledge, Attitude/Perception, and Related Risk Management Practices of High School Girls' Soccer Coaches

Dissertation Chair: D. P. Connaughton

**Yena Kim**

Major: *Mathematics*

Dissertation: On the Principle of Host Evolution in Immuno-Epidemiological Models

Dissertation Chair: M. Martcheva

**Tia Ja'Net Kimball**

Major: *Curriculum and Instruction*

Dissertation: The Role of Semiotics on ELLs' Ability to Interpret Figurative Language while Watching American Television Series

Dissertation Chair: M. R. Coady

**Derrick D. King**

Major: *English*

Dissertation: Forms of Crisis: Realism and Science Fiction in the Twenty-First Century

Dissertation Chair: P. E. Wegner

**Elizabeth Anne Klinepeter**

Major: *School Psychology*

Dissertation: Experiences of Collaborative Service Delivery for Transition-Age Young Adults with ASD

Dissertation Chair: T. M. Smith-Bonahue

**Danielle N. Kling**

Major: *Microbiology and Cell Science*

Dissertation: *Lactobacillus johnsonii* N6.2 and Phytophenols Modulate mTOR Activity Induced by Diet

Dissertation Chair: C. F. Gonzalez

**Sarah Margaret Kniesler**

Major: *English*

Dissertation: Longing and Belonging: Genre, Female Desire, and Family in Victorian Women's Sensation Fiction

Dissertation Chair: P. K. Gilbert

**Anton Kocheturov**

Major: *Industrial and Systems Engineering*

Dissertation: Novel Methods for Multivariate Time Series Analysis

Dissertation Chair: P. M. Pardalos

**Leah Julia Koehler**

Major: *Psychology*

Dissertation: Exposure of Single-Function Responses to Combined Reinforcement Contingencies

Dissertation Chair: B. A. Iwata

**Kendra Noelle Daiss Krietsch**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Impact of Sleep Timing on Dietary Intake and Physical Activity among Youth: An Experimental Single-Subject Sleep Manipulation

Dissertation Chair: D. Janicke

**Magdoom Mohamed Kulam Najmudeen**

Major: *Mechanical Engineering*

Dissertation: Developments in Magnetic Resonance Imaging with Applications to Transport in Brain

Dissertation Chair: M. Sarntinoranont

Dissertation Co-chair: T. H. Mareci

**Grit Kupgan**

Major: *Materials Science and Engineering*

Dissertation: Designing and Characterizing Microporous Polymers for Carbon Capture

Dissertation Chair: C. M. Colina

**Jacob Adrian Lafo**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Emotion Perception and Reactivity in Essential Tremor

Dissertation Chair: D. Bowers

**Tiffany Chenese Lorraine Lang**

Major: *Design, Construction and Planning*

Dissertation: Chrome Model for Historic Color Preservation: Authentic Layers of Culture, Color, Heritage

Dissertation Chair: M. B. Portillo

**Sarah Elizabeth LaRose**

Major: *Agricultural Education and Communication*

Dissertation: Factors Influencing Postsecondary Educational and Occupational Choices of Connecticut Agricultural Science and Technology Program Graduates

Dissertation Chair: A. C. Thoron

Dissertation Co-chair: R. K. Barrick

**Howard Andrew Lassiter**

Major: *Forest Resources and Conservation*

Dissertation: Photogrammetry and Lidar from the Unmanned Aerial Platform for Measuring the Physical Structure of Forests

Dissertation Chair: B. E. Wilkinson

**Casey Riley Lawless**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: The Impact of Sleep in Children with Cystic Fibrosis

Dissertation Chair: D. A. Fedele

Dissertation Co-chair: D. Janicke

**Sheldon R. Lawrence II**

Major: *Plant Molecular and Cellular Biology*

Dissertation: Plant Stomatal Guard Cell Redox Proteome In Plant Innate Immunity

Dissertation Chair: S. Chen

**Katelyn Marie Lawson**

Major: *Fisheries and Aquatic Sciences*

Dissertation: The Use of Life History Traits to Predict Invasion Success of Non-Native Fishes in Peninsular Florida

Dissertation Chair: J. E. Hill

**Camilo Ignacio Leal Molina**

Major: *Music Education*

Dissertation: Music Teachers' Perceptions of the Design and Use of Specialized Software Applications to Facilitate Music Composition Activities with Students

Dissertation Chair: W. Bauer

**Aleuna Lee**

Major: *Linguistics*

Dissertation: Effects of Production on Predictive Processing in Young and Older Adults

Dissertation Chair: E. Kaan

**Mi Jung Lee**

Major: *Rehabilitation Science*

Minor: *Research and Evaluation Methodology*

Dissertation: Developing a Global PROMIS Self-Efficacy Measure for Managing Chronic Conditions

Dissertation Chair: S. Romero

**Yeungjeom Lee**

Major: *Criminology, Law, and Society*

Dissertation: Psychopathy and Crime: Developmental Pathways of Psychopathic Traits and Situational Influences and Victimization

Dissertation Chair: M. D. Krohn

**Yong-Jik Lee**

Major: *Curriculum and Instruction*

Dissertation: An Exploratory Study of Preservice Teachers and Their Self Efficacy Beliefs as Teachers of English Language Learners Using Micro Teaching Experiences

Dissertation Chair: E. J. De Jong

**Min Li**

Major: *Sociology*

Minor: *Statistics*

Dissertation: Determinants of Cognitive Health among the Middle-Aged and Older Chinese

Dissertation Chair: B. A. Zsembik

**Ruiqi Li**

Major: *Food Science*

Dissertation: Mechanism and Protective Effects of Muscadine Grapes or Wine on Intestinal Inflammation using in vivo and in vitro Models

Dissertation Chair: L. Gu

**Xiang Li**

Major: *Computer Engineering*

Dissertation: Mining in Online Social Networks: Optimization Models and Adaptive Solutions

Dissertation Chair: M. T. Thai

**Xiaolong Li**

Major: *Computer Science*

Dissertation: Investigating Real-time Reference Resolution in Situated Dialogue for Complex Problem Solving

Dissertation Chair: K. Boyer

**Hua Liu**

Major: *Environmental Engineering Sciences*

Dissertation: PM Separation and Re-Suspension Test of Hydrodynamic Unit Operations Modeling, Scaling and Regulations in Urban Drainage System

Dissertation Chair: J. J. Sansalone

**Jianqing Liu**

Major: *Electrical and Computer Engineering*

Dissertation: Spectrum Efficiency, Energy Efficiency, and Security for Future Wireless Systems

Dissertation Chair: Y. Fang

**Tao Liu**

Major: *Forest Resources and Conservation*

Dissertation: Multi-View Analysis of Unmanned Aerial System Images for Land Cover Classification

Dissertation Chair: A. H. Abd-Elrahman

**Xiaoxian Liu**

Major: *Botany*

Dissertation: Alternative Splicing in Basal Angiosperms and *Tragopogon* (Asteraceae)

Dissertation Chair: D. E. Soltis

Dissertation Co-chair: W. B. Barbazuk

**Andrew L. Loyd**

Major: *Forest Resources and Conservation*

Dissertation: Taxonomy, Biology, Decay Potential, and Pathogenicity of the Laccate (Varnished) *Ganoderma* Species Present in the U.S.

Dissertation Chair: J. A. Smith

Dissertation Co-chair: B. S. Richter

**Nargiza Ludgate**

Major: *Interdisciplinary Ecology*

Dissertation: Gender Roles in Household Water Resource Management in Water-Scarce Countries: Does Greywater Treatment Technology Empower Rural Women in Jordan?

Dissertation Chair: S. L. Russo

Dissertation Co-chair: T. Borisova

**Danmeng Luo**

Major: *Pharmaceutical Sciences—Medicinal Chemistry*

Dissertation: Discovery, Synthesis and Biological Evaluation of Bioactive Secondary Metabolites from Marine Cyanobacteria

Dissertation Chair: H. Luesch

**Iqbal Mahmud**

Major: *Medical Sciences—Molecular Cell Biology*

Dissertation: The Role of Death Domain-Associated Protein in Cancer Metabolism

Dissertation Chair: D. Liao

**James Oluwaseun Maku**

Major: *Agronomy*

Dissertation: Dissecting the Morphological Characteristics, Genetic and Molecular Mechanism of Cultivated Peanut (*Arachis hypogaea* L.)

Dissertation Chair: J. Wang

**Paul Chandra Mangal**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Revitalize Cognition: A Proof of Concept Study Using Transcranial and Intranasal Near-Infrared Light Therapy in Older Adults

Dissertation Chair: D. Bowers

**Pruthvi Manjunatha**

Major: *Civil Engineering*

Dissertation: Identification, Measurement, and Incorporation of Human Factors in Traffic Microsimulation Using Driving Simulator Observations

Dissertation Chair: A. Elefteriadou

**Daniel Blaine Marchant**

Major: *Botany*

Dissertation: Elucidating Monilophyte Genomics: How Polyploidy, Transposable Elements, and the Alternation of Independent Generations Drive Fern Evolution

Dissertation Chair: D. E. Soltis

**Goran Marjanovic**

Major: *Mechanical Engineering*

Dissertation: Direct Numerical Simulations of Single and Multiphase Turbulent Plumes in the Forced, Pure, and Lazy Regimes at Large Grashof Numbers

Dissertation Chair: S. Balachandar

**Michael Thomas Massengill**

Major: *Medical Sciences—Genetics*

Dissertation: Development and Testing of Gene Therapies for Autosomal Dominant Retinitis Pigmentosa

Dissertation Chair: A. S. Lewin

**Marc A. Matthews**

Major: *Linguistics*

Dissertation: The Roles of Intonation and Pragmatic Context on Predictions of Upcoming Turns in Dialogue

Dissertation Chair: R. Wayland

Dissertation Co-chair: J. R. Valdes Kroff

**Matthew R. Mattia**

Major: *Horticultural Sciences*

Dissertation: Genome-Wide Association Quantification and Willingness to Pay for Beneficial Polyphenols in Mandarins

Dissertation Chair: F. G. Gmitter Jr.

**Damaris Mayans Ramon**

Major: *Romance Languages—Spanish*

Dissertation: The Processing of Gender Agreement in Monolingual and Heritage Speakers of Spanish

Dissertation Chair: J. R. Valdes Kroff

Dissertation Co-chair: A. de Prada Perez

**Beth Lena-Sherman McGee**

Major: *Design, Construction and Planning*

Dissertation: Designing Biophilia into Interior Environmental Practice: A Biophilic Design Assessment Tool Development

Dissertation Chair: N. Park

**Chesney Ann McOmber**

Major: *Political Science*

Dissertation: The Feminization of Rural Space: Exploring Gender, Power, and Demographic Change in Africa

Dissertation Chair: L. E. Anderson

Dissertation Co-chair: M. H. Bernhard

**Jaclyn Donelle McWhorter**

Major: *Anthropology*

Dissertation: A Philosophy of Life: Capoeira and Social Inclusion in the Periphery of Sao Paulo, Brazil

Dissertation Chair: P. F. Collings

**Yash Ajit Mehta**

Major: *Aerospace Engineering*

Dissertation: Fully Resolved Inviscid Simulations and Modeling of Shock Interacting with Spherical Particles

Dissertation Chair: S. Balachandar

**Johanna Mellis**

Major: *History*

Dissertation: Negotiation through Sport: Navigating Everyday Life in Socialist Hungary, 1948-1989

Dissertation Chair: A. Freifeld

**Mary Morris Merrill**

Major: *Public Health*

Dissertation: Indolent Bystanders: Surveillance of Domestic and Wild Animals to Inform Human and Animal Vector-Borne Pathogen Ecology

Dissertation Chair: S. M. Wisely

**Sadaf Arefi Milani**

Major: *Epidemiology*

Dissertation: Improving Screening for Mild Cognitive Impairment and Dementia among Racial and Ethnic Minorities Using the Montreal Cognitive Assessment

Dissertation Chair: C. L. Striley

**Wenli Mo**

Major: *Astronomy*

Dissertation: Active Galactic Nuclei in Massive and Distant Galaxy Clusters

Dissertation Chair: A. H. Gonzalez

**Roshanak Mohammadivojdan**

Major: *Industrial and Systems Engineering*

Dissertation: Optimization Models for Inventory Planning in Supply Chains with Supplier Selection and Channel Allocation Decisions

Dissertation Chair: J. P. Geunes

**Siti Jariani Binti Mohd Jani**

Major: *Soil and Water Sciences*

Dissertation: Composition, Sources, and Bioavailability of Nitrogen in Urban Waters

Dissertation Chair: G. Toor

Dissertation Co-chair: A. K. Koeser

**Rene Arnoldo Molina**

Major: *Electrical and Computer Engineering*

Dissertation: Responsive Deep Brain Stimulation for the Treatment of Medically Refractory Freezing of Gait in Parkinson's Disease

Dissertation Chair: A. Gunduz

**Christina M. Moloney**

Major: *Medical Sciences—Neuroscience*

Dissertation: Dissecting the Role of Matrin 3 in Amyotrophic Lateral Sclerosis and Distal Myopathy

Dissertation Chair: J. M. Lewis

**Ryan J. Montes**

Major: *Chemical Engineering*

Dissertation: Microfluidic Concentration and Purification of DNA Due to Electro-Hydrodynamic Migration

Dissertation Chair: J. E. Butler

Dissertation Co-chair: A. J. Ladd

**Jennifer F. Moore**

Major: *Wildlife Ecology and Conservation*

Dissertation: Ecology and Conservation of Mammalian Communities and the Impact of Illegal Human Activities in Nyungwe National Park, Rwanda

Dissertation Chair: W. E. Pine III

**Tara Ann Morrissette**

Major: *Counseling Psychology*

Dissertation: Associations of Stress, Coping, and Social Support with Health-Related Quality of Life among U.S. Adults

Dissertation Chair: C. M. Tucker

**Paul Eugene Morse**

Major: *Anthropology*

Dissertation: Primates of the Paleocene-Eocene Thermal Maximum in North America: Systematics, Size, and Dietary Ecology during Extreme Global Warming

Dissertation Chair: J. I. Bloch

**Shylock Muyengwa**

Major: *Interdisciplinary Ecology*

Dissertation: Elite Capture of Community-Based Natural Resources Management Projects in Southern Africa

Dissertation Chair: B. A. Child

**Anita Seen Neal**

Major: *Entomology and Nematology*

Dissertation: Distribution, Biology, and Management of *Myllocerus undecimpustulatus undatus* Marshall (Coleoptera: Curculionidae) in the Landscape and Horticulture Industry

Dissertation Chair: R. D. Cave

**Tempestt Ja'Nice Neal**

Major: *Computer Engineering*

Dissertation: A Feasibility Study of Mobile Device Usage Data for Identification and Soft Biometric Classification

Dissertation Chair: D. Woodard

**Sean Russell Niemi**

Major: *Mechanical Engineering*

Dissertation: Frictional Instabilities in Gemini Hydrogel Contacts

Dissertation Chair: W. G. Sawyer

Dissertation Co-chair: C. Taylor

**Bijan Nili**

Major: *Mechanical Engineering*

Dissertation: Multi-Field Simulation of the Spark Plasma Sintering for Fabrication of Commercial Nuclear Fuel Pellets

Dissertation Chair: G. Subhash

**Weijia Niu**

Major: *Chemistry*

Dissertation: Design and Synthesis of N-Heterocyclic Carbene-Gold (I) Complexes, and Their Bioconjugation for Targeted Drug Delivery

Dissertation Chair: A. S. Veige

**Olivier Nsengiyumva**

Major: *Chemistry*

Dissertation: Polysilicon Acetals and Camphor-Derived Polymers as Potential Replacements for Commodity Plastics

Dissertation Chair: S. A. Miller

**Steven Tyler Oberheim**

Major: *Counseling and Counselor Education*

Dissertation: Content Development and Initial Psychometric Analysis of the Problematic Hypersexuality Scale (PHS)

Dissertation Chair: M. K. DePue

Dissertation Co-chair: A. C. Manley

**Edmond A. Olguin**

Major: *Medical Sciences—Medical Physics*

Dissertation: Pediatric Dosimetry Tools for Diagnostic Imaging and Proton Therapy Applications

Dissertation Chair: W. E. Bolch

**Toluwani Christy Oloke**

Major: *Mass Communication*

Dissertation: Developing Cultural Sensitivity in Framing Health Advocacy Messages: The Female Genital Mutilation Intervention in Nigeria

Dissertation Chair: L. L. Hon

**Samantha R. Paige**

Major: *Health and Human Performance*

Minor: *Mass Communication*

Minor: *Research and Evaluation Methodology*

Dissertation: Developing an Instrument to Measure eHealth Literacy

Dissertation Chair: M. L. Stellefson

Dissertation Co-chair: J. Cheong

**Lei Pan**

Major: *Microbiology and Cell Science*

Dissertation: Mechanisms Involved in Activity and Inhibition of PrbP from *Liberibacter asiaticus*

Dissertation Chair: G. L. Lorca

**Joshua R. Papacek**

Major: *Soil and Water Sciences*

Dissertation: Shifting Nutrient Forms and Ratios: Implications for Harmful Algal Blooms and Nitrogen Cycling in a Subtropical Estuary

Dissertation Chair: P. W. Inglett

**Kyoung Shin Park**

Major: *Health and Human Performance*

Dissertation: Musical Emotion and Familiarity Alters Forward Gait Behaviors in People with Parkinson's Disease

Dissertation Chair: C. M. Janelle

**Aditi G. Patel**

Major: *Medical Sciences—Health Outcomes and Policy*

Dissertation: Investigating Network Adequacy Standards for Provider Networks in Medicaid Managed Care

Dissertation Chair: E. A. Shenkman

Dissertation Co-chair: W. B. Vogel

**Andres Alfredo Pech Cervantes Sr.**

Major: *Animal Sciences*

Dissertation: Use of Expansins and Fibrolytic Enzymes to Improve Fiber Digestion in Ruminant Feeds

Dissertation Chair: A. T. Adesogan

Dissertation Co-chair: D. Vyas

**Ze Peng**

Major: *Agronomy*

Dissertation: The Genetic and Genomic Studies of Nodulation in Cultivated Peanut *Arachis hypogaea*

Dissertation Chair: J. Wang

**Daniela-Cristina Popescu**

Major: *Health Services Research*

Dissertation: Factors Associated with Child and Maternal Mortality in the Middle East and North Africa (MENA) Region:

A Panel Study

Dissertation Chair: R. P. Duncan

**Ravin Poudel**

Major: *Plant Pathology*

Dissertation: Statistical and Experimental Investigations to Support Microbiome Based Agriculture: A Study of the

Tomato Rhizobiome

Dissertation Chair: K. A. Garrett

**Debra A. Prykanowski**

Major: *Special Education*

Dissertation: An Examination of Trial-Based Functional Analysis with Intervention in the Home for Young Children with

or at Risk for Autism Spectrum Disorder

Dissertation Chair: M. A. Conroy

Dissertation Co-chair: B. Reichow

**Yuxi Qiu**

Major: *Research and Evaluation Methodology*

Dissertation: Posterior Predictive Model Checking to Evaluate the Performance of Dynamic Bayesian Networks

Dissertation Chair: A. C. Manley

**Tiphonie E. Raffegeau**

Major: *Health and Human Performance*

Dissertation: The Role of Cognition in Locomotor Balance across the Lifespan

Dissertation Chair: C. J. Hass

**Fahim Rahman**

Major: *Electrical and Computer Engineering*

Dissertation: Secure Hardware: From Device to Systems

Dissertation Chair: M. M. Tehranipoor

Dissertation Co-chair: Y. Jin

**Akshay Umesh Rajopadhye**

Major: *Materials Science and Engineering*

Dissertation: Understanding the Fundamental Role of Surfactant Structures in the Inhibition of Carbon Steel Corrosion in

Acidic Medium

Dissertation Chair: B. M. Moudgil

**Mohammad Abdur Razzak**

Major: *Entomology and Nematology*

Dissertation: Development of an Integrated Approach for Managing Melon Thrips, *Thrips palmi* Karny (Thysanoptera:

Thripidae) in Vegetable Crops

Dissertation Chair: D. R. Seal

**Byron Real**

Major: *Anthropology*

Dissertation: The Wretched of the Forest: Social Vulnerability, Disaster, and Genocide among the Uncontacted

Dissertation Chair: A. R. Oliver Smith

**Michelle E. Reid**

Major: *Chemistry*

Dissertation: Stable Isotope Tracer Analysis of Exhaustive Exercise-Induced Metabolism Using Ultra-High Performance

Liquid Chromatography-High Resolution Mass Spectrometry

Dissertation Chair: R. A. Yost

**YooJung Rhee**

Major: *Health and Human Performance*

Dissertation: Senior Bicyclists' Knowledge, Attitudes, and Behaviors regarding Bicycle Safety and Relevant Laws

Dissertation Chair: D. P. Connaughton

**Natalie Marie Khoury Ridgewell**

Major: *Curriculum and Instruction*

Dissertation: Is It the Right "Fit?" Florida Teachers' Motivations for Choosing a Teaching Career Using the Fit-Choice Scale

Dissertation Chair: A. J. Adams

**Lisa M. Roberts**

Major: *Health and Human Performance*

Dissertation: Age-Related Differences in Speed vs. Accuracy during Bimanual Movements

Dissertation Chair: J. H. Cauraugh

**Daniel Martin Ross**

Major: *Mechanical Engineering*

Dissertation: Polishing of Transparent Polycrystalline YAG Ceramics Using Magnetic Field-Assisted Finishing

Dissertation Chair: H. Greenslet

**Cristina Ruiz-Poveda Vera**

Major: *English*

Dissertation: The Ineffable in Contemporary Ibero-American Cinema: Memory, Death, and Spiritual Journeys

Dissertation Chair: B. C. Mennel

**Shabnam Rumpf-Monadzadeh**

Major: *Design, Construction and Planning*

Dissertation: An Assessment of Mitigation Measures to Minimize the Exposure of Extremely Low Frequency

Electromagnetic Fields (ELF-EMF) on Building Occupants

Dissertation Chair: C. J. Kibert

**Taylor K. Ruth**

Major: *Agricultural Education and Communication*

Dissertation: A Grounded Theory Approach to Understanding the Factors Influencing Tenure-Track, UF/IFAS Faculty's

Engagement in Science Communication

Dissertation Chair: J. N. Rumble

**Shilpa Sahay**

Major: *Curriculum and Instruction*

Dissertation: Investigating Teachers' Perspectives toward ICT Integration in Classrooms in India

Dissertation Chair: K. M. Dawson

**Catherine Ann Sahi**

Major: *Materials Science and Engineering*

Dissertation: The Role of Integral Mean Curvature in Grain Growth Using Simulations and Experiments

Dissertation Chair: B. R. Patterson

**Brittani Danyelle Sahn**

Major: *Mass Communication*

Dissertation: The Story of the Connected Sports Fan: Examining the Drivers, Outcomes, and Experiences of Digital Sports

Media Consumption

Dissertation Chair: S. M. Chan-Olmsted

**Morgan Violeta Sanchez**

Major: *Sociology*

Dissertation: Sick and Tired: Narratives of Chronic Fatigue Syndrome in Blogs

Dissertation Chair: C. L. Shehan

**Maria Angelica Sanclemente**

Major: *Plant Molecular and Cellular Biology*

Dissertation: Sugar Modulation of Low-Oxygen Responses in Maize: Gene Networks and Roles for Nucleoside Diphosphate Kinases (NDPKs)

Dissertation Chair: K. E. Koch

**Manish Sapkota**

Major: *Electrical and Computer Engineering*

Dissertation: High Throughput Biomedical Image Analysis and Imaging Informatics for Computer-Aided Diagnosis

Dissertation Chair: L. Yang

**Jose Ramon Saucedo Carabez**

Major: *Plant Pathology*

Dissertation: Fungal Associates of Known and Putative Vectors of Laurel Wilt and Nutritional Aspects of the Laurel Wilt Pathogen *Raffaelea lauricola*

Dissertation Chair: R. C. Ploetz

**Nathan R. Sauder**

Major: *Mechanical Engineering*

Dissertation: Predicting Optimal Fast Functional Electrical Stimulation Patterns for Post-Stroke Gait Neurorehabilitation

Dissertation Chair: B. J. Fregly

**Anna Patricia Schrack**

Major: *School Psychology*

Dissertation: The Relationship between Comorbid Anxiety and Depression, Cognitive Functioning, and Academic Achievement among Inpatient Adolescents

Dissertation Chair: D. J. Beaulieu

**Christopher Michael Scocco**

Major: *Entomology and Nematology*

Dissertation: Genetic Investigation of the Invasive Ghost Ant, *Tapinoma melanocephalum* (F.)

Dissertation Chair: B. W. Bahder

Dissertation Co-chair: W. H. Kern Jr.

**Talia R. Seider**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Seeing Brain: An fMRI Study of Age-Related Changes in Visual Perception and Discrimination

Dissertation Chair: V. M. Dotson

Dissertation Co-chair: R. A. Cohen

**Jacquelyn Caryn Serfecz**

Major: *Medical Sciences—Genetics*

Dissertation: The Impact of Eukaryotic DExD/H Box Helicases on Kaposi's Sarcoma-Associated Herpesvirus and Regulation of Human Peripheral Myelin Protein 22 by miR29a in Charcot-Marie-Tooth Disease Type 1A

Dissertation Chair: R. F. Renne

**Julie Teresa Shapiro**

Major: *Interdisciplinary Ecology*

Dissertation: Bats in a Changing World: Where They Go, What They Bring, and How They Impact People

Dissertation Chair: R. A. McCleery

**Bungo Shiotani**

Major: *Aerospace Engineering*

Dissertation: Project Life-Cycle and Implementation for a Class of Small Satellites

Dissertation Chair: N. G. Fitz-Coy

**Vanessa Simoes Dias De Castro**

Major: *Entomology and Nematology*

Dissertation: Condition-Dependent Expression of Sexual Traits Based on Enzymatic Antioxidants in the Caribbean Fruit Fly, *Anastrepha suspensa*

Dissertation Chair: D. A. Hahn

**Sirinrat Sithajan**

Major: *Astronomy*

Dissertation: Dharma Planet Survey of FGKM Dwarfs: Survey Preparation and Early Science Results

Dissertation Chair: J. Ge

**James Kennon Smith**

Major: *Medical Sciences—Biochemistry and Molecular Biology*

Dissertation: Stealth Vectors: Engineering Host Immune Response Escape AAV Vectors

Dissertation Chair: M. Agbandje-Mckenna

**Justin S. Smith**

Major: *Chemistry*

Dissertation: Transferable and Extensible Deep Learning-Based Molecular Potentials

Dissertation Chair: A. E. Roitberg

**Ummat Sultan Somjee**

Major: *Interdisciplinary Ecology*

Dissertation: The Consequences of Exaggerated Sexually Selected Weapons: Allocation Trade-Offs, Metabolic Costs, Social Behavior, and the Measurement of Selection in a Wild Population

Dissertation Chair: C. W. Miller

**Mingcong Song**

Major: *Electrical and Computer Engineering*

Dissertation: Enabling Efficient Computer Architectures and Systems for Next-Generation AI Applications

Dissertation Chair: T. Li

**Zhuoyuan Song**

Major: *Mechanical Engineering*

Dissertation: Cooperative Control and Navigation of Autonomous Vehicles in Harsh Environments

Dissertation Chair: K. Mohseni

**Pallavi Sood**

Major: *Rehabilitation Science*

Dissertation: Developing Tailored Functional Status Measures across Continuum of Care

Dissertation Chair: S. Romero

**James J. Sorce**

Major: *Design, Construction and Planning*

Dissertation: Adoption of Computer Technology in Construction Firms: An Application of the Technology Acceptance Model

Dissertation Chair: R. R. Issa

**Ania Sotuyo**

Major: *Chemistry*

Dissertation: Design and Synthesis of Nonconventional  $\pi$ -Conjugated Building Blocks for Structure-Property Analysis

Dissertation Chair: R. K. Castellano

**Saman Souri**

Major: *Agricultural and Biological Engineering*

Dissertation: Possibility of Root Heat Treatment, Modification, and Performance of a Hot Water Injection System to Treat HLB in Citrus

Dissertation Chair: J. K. Schueller

**Olivia Rose Soutullo**

Major: *School Psychology*

Dissertation: School Psychology Interns' Experiences Facilitating Family-School Partnerships with Culturally and Linguistically Diverse Families

Dissertation Chair: T. M. Smith-Bonahue



**Prashanth Sridharan**

Major: *Mechanical Engineering*

Dissertation: Shock-Particle Interaction Using Diffuse Interface Methods

Dissertation Chair: S. Balachandar

Dissertation Co-chair: T. L. Jackson

**Daken Jay Starkenburg**

Major: *Materials Science and Engineering*

Dissertation: Molecular Engineering and Device Application of Organic Photodiodes for Radiation Detection and Solar

Energy Conversion

Dissertation Chair: J. Xue

**Bethany A. Stennett**

Major: *Psychology*

Dissertation: The Effects of Simultaneous Cocaine and Alcohol Self-Administration on Striatal Glutamate

Dissertation Chair: L. Knackstedt

**Cameron Scott Stewart**

Major: *Mechanical Engineering*

Dissertation: Soft Sphere Simulations of a Planar Multiphase Shockwave Passing through a Bed of Particles

Dissertation Chair: S. Balachandar

**Kimberly Denise Stewart**

Major: *Chemistry*

Dissertation: Engineering Molecular Recognition Elements for Prostate Cancer Theranostics

Dissertation Chair: W. Tan

**Amanda Elizabeth Stone**

Major: *Health and Human Performance*

Dissertation: Sensory and Cognitive Contributions to Performance in Anterior Cruciate Ligament Reconstructed Individuals

Dissertation Chair: C. J. Hass

**Kevin Harrington Strang**

Major: *Medical Sciences—Neuroscience*

Dissertation: Aggregation and Prion-Like Seeding of Tau Protein Variants: Implications for Transmission

Dissertation Chair: B. I. Giasson

Dissertation Co-chair: T. E. Golde

**Sarah E. Stromberg**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: The Impact of Pre-Surgical Dietary and Psychosocial Factors on Post-Surgical Percent Excess Weight Loss in a

Population of Bariatric Surgery Patients

Dissertation Chair: D. Janicke

**Rebecca Lynn Stubbs**

Major: *Botany*

Dissertation: The Past, Present, and Future of *Micranthes* (Saxifragaceae), A Clade of Alpine and Arctic Flowering Plants

Dissertation Chair: N. Cellinese

Dissertation Co-chair: D. E. Soltis

**Yi-Wen Su**

Major: *Counseling and Counselor Education*

Dissertation: Addressing Attention Problems through Mindfulness: The Effectiveness of a School Counseling

Group Intervention

Dissertation Chair: J. M. Swank

**Kalaivani Sundararajan**

Major: *Computer Engineering*

Dissertation: Analysis of Stylometry as a Cognitive Biometric Trait

Dissertation Chair: D. Woodard

**Hojun Sung**

Major: *Health and Human Performance*

Minor: *Statistics*

Dissertation: Professional Sports Syndicates and Fan Demand: The Single-Entity Case of Major League Soccer

Dissertation Chair: B. M. Mills

**Sarah M. Szymkowicz**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Age-Related Mechanisms of Emotion Anticipation and Perception

Dissertation Chair: V. M. Dotson

Dissertation Co-chair: D. Bowers

**Jin Tao**

Major: *Statistics*

Dissertation: Statistical Framework for Power Theft Activities Detection and Power Usage Prediction in the Smart

Grid Network

Dissertation Chair: G. Michailidis

**Junyi Tao**

Major: *Animal Sciences*

Dissertation: Unveiling Substrate Preference of Uncultured Rumen Bacteria

Dissertation Chair: T. J. Hackmann

**Alexander H. Tepperman**

Major: *History*

Dissertation: Strange Bedfellows: Convict Culture in the First Era of Mass Imprisonment, 1919-1940

Dissertation Chair: J. S. Adler

**Matthew J. Terza**

Major: *Health and Human Performance*

Dissertation: Changing the Way We Change the Way We Walk: Adaptation and Transfer of Complex Locomotor Tasks

Dissertation Chair: C. J. Hass

**Selena Tinga**

Major: *Veterinary Medical Sciences*

Dissertation: In-vivo Femorotibial Kinematics in Dogs with Cranial Cruciate Ligament Insufficiency before and after

Surgical Stabilization

Dissertation Chair: S. E. Kim

**Elisa Maria Todarello**

Major: *Physics*

Dissertation: Quantum Effects in Axion Dark Matter

Dissertation Chair: P. Sikivie

**Stavros A. Triantafyllidis**

Major: *Health and Human Performance*

Dissertation: Sense of Place and Pro-Environmental Behavior in Beach Volleyball

Dissertation Chair: K. Kaplanidou

**Rosamaria Tricarico**

Major: *Biomedical Engineering*

Dissertation: Computational Modeling of the Aortic Arch following Complex Endovascular Repair

Dissertation Chair: S. A. Berceci

**Robert M. Turick**

Major: *Health and Human Performance*

Dissertation: Persistence in the Face of Career Obstacles: The Coaching Experiences of African American College

Football Coaches

Dissertation Chair: T. Bopp

**Jillian Lee Vella**

Major: *Counseling and Counselor Education*

Dissertation: Exploring Alternatives to the Medical Model of Mental Health Care

Dissertation Chair: M. K. DePue

**Michael F. Vincent**

Major: *Music*  
Dissertation: Boccherini's Chamber Music in Cosmopolitan Europe  
Dissertation Chair: M. R. Butler

**Maria Vrachlioli**

Major: *Food and Resource Economics*  
Dissertation: Agricultural Water Use, Efficiency, and Its Contribution to Total Factor Productivity  
Dissertation Chair: S. E. Stefanou

**Ahmed Mohammed Ahmed Wahba**

Major: *Food and Resource Economics*  
Dissertation: Econometric Modeling of World Market Integration and Price, Volatility, and Information Transmissions of World Meat Exports, Multibudgeting Approach of Egyptian Import Demand, and the Impacts of Trade Liberalization under the Economic Reform Program on Food Security Indicators in Egypt  
Dissertation Chair: J. L. Seale Jr.  
Dissertation Co-chair: J. J. VanSickle

**Jacquelyn Mary Walejko**

Major: *Medical Sciences—Biochemistry and Molecular Biology*  
Dissertation: Global Metabolomics of Complications in Pregnancy  
Dissertation Chair: A. S. Edison  
Dissertation Co-chair: M. Keller Wood

**Angela Walther**

Major: *English*  
Dissertation: The Scientific Muse and Political Discontent in Working-Class Chartist Poetry  
Dissertation Chair: P. K. Gilbert

**Shuo Wan**

Major: *Chemistry*  
Dissertation: Functionalization of Exosomes with Aptamer for Bio-applications  
Dissertation Chair: W. Tan

**Stephenson Waters**

Major: *Mass Communication*  
Dissertation: Gatekeeping, Ethics, and Trust: Analyzing the Journalist/Whistleblower Relationship as Social Exchange  
Dissertation Chair: N. P. Lewis

**Robert K. Weinmann-Smith**

Major: *Nuclear Engineering Sciences*  
Dissertation: Monte Carlo Simulations of Neutron Multiplicity Counting for International Nuclear Safeguards  
Dissertation Chair: P. Enqvist

**Zachary N. Weinrich**

Major: *Materials Science and Engineering*  
Dissertation: Dopant-Defect Interactions in Epitaxially Grown Highly Doped Si:P  
Dissertation Chair: K. S. Jones

**Natalie Catherine Weldon**

Major: *Counseling Psychology*  
Dissertation: Effects of Job on Interpersonal Attraction  
Dissertation Chair: M. Heesacker

**Robert Houston Wells II**

Major: *Mass Communication*  
Dissertation: The Effects of Game Frames on Motivation and Learning in an Educational Game  
Dissertation Chair: D. M. Treise

**Jason Brandon Wenzel**

Major: *Anthropology*  
Dissertation: Staging Tourism: Leisure through Consumption in Florida's Early-Twentieth-Century Resorts  
Dissertation Chair: J. M. Davidson

**Erin B. White**

Major: *Environmental Engineering Sciences*  
Dissertation: Contaminant Fluxes through Heterogeneous Transport Pathways in Fractured Rock and Karst  
Dissertation Chair: M. D. Annable

**Travis James Whitley**

Major: *Mechanical Engineering*  
Dissertation: The Adaption of Small Unmanned Air System for Urban Structure Inspections  
Dissertation Chair: P. G. Ifju

**Robert J. Winsler III**

Major: *Mass Communication*  
Dissertation: Building a Firebrand: Controversial Sports Commentators Cultivating an Audience  
Dissertation Chair: W. M. Wanta

**Guillermo Manuel Wippold**

Major: *Counseling Psychology*  
Dissertation: Perceived Socioeconomic Status, Stress, Resilience, and Health-Related Quality of Life among Urban Adults  
Dissertation Chair: C. M. Tucker

**Thomas W. Wojciechowski**

Major: *Sociology*  
Dissertation: The Development of Violence and Substance Use among Juvenile Offenders: The Roles of PTSD and PTSD-Linked Strain Sensitivity  
Dissertation Chair: C. W. Peek

**Emily Ann Dobmeyer Woodruff**

Major: *Zoology*  
Dissertation: Developmental Patterning of the Mammalian Dentition and Evolution of the Diastema in Mammals  
Dissertation Chair: J. I. Bloch  
Dissertation Co-chair: M. J. Cohn

**Marianette Octovina Wospakrik**

Major: *Physics*  
Dissertation: Measurement of Neutrino Absolute Deep Inelastic Scattering Cross Section in Iron, Lead, Carbon, and Plastic Using MINERvA Detector at  $E_\nu = 6$  GeV  
Dissertation Chair: H. Ray

**Sheng-Yen Wu**

Major: *Soil and Water Sciences*  
Dissertation: Mutualism between Entomopathogenic Nematodes and a Saprophytic Fungus  
Dissertation Chair: J. H. Graham Jr.  
Dissertation Co-chair: L. W. Duncan

**Qinwen Xia**

Major: *Entomology and Nematology*  
Dissertation: Testing for an Endocrine Basis of Adaptation of Life History Timing  
Dissertation Chair: D. A. Hahn

**Wei Xia**

Major: *Statistics*  
Dissertation: Scalable Hyperparameter Selection for Latent Dirichlet Allocation  
Dissertation Chair: J. Doss

**Yuanpu Xie**

Major: *Biomedical Engineering*  
Dissertation: Large Scale Pathology Image Analysis with Deep Learning  
Dissertation Chair: L. Yang

**Ruitong Xiong**

Major: *Mechanical Engineering*  
Dissertation: Laser-Based Bioprinting of Cellular Constructs and Applications for Organ-On-A-Chip Device Fabrication  
Dissertation Chair: Y. Huang

**Bidhyananda Yadav**

Major: *Civil Engineering*

Dissertation: Direct Stream Hydrograph Prediction from Digital Elevation Model

Dissertation Chair: K. Hatfield

**Ibrahim Yahaya Ibrahim**

Major: *Political Science*

Dissertation: Political Contestation and Islamic Discourses in the Sahel: Protests, Riots, and Jihadist Insurgencies in Mali, Mauritania, and Niger

Dissertation Chair: L. A. Villalon

**Yupeng Yan**

Major: *Computer Science*

Dissertation: Parallelizable Semi-Supervised Dense Labeling Framework for Very High-Resolution Satellite Images

Dissertation Chair: A. Rangarajan

Dissertation Co-chair: S. Ranka

**Guan Yang**

Major: *Animal Molecular and Cellular Biology*

Dissertation: Phenotype, Function, and Contribution to Viral Immunity of Porcine Invariant Natural Killer T Cells

Dissertation Chair: J. P. Driver

**Shunchang Yang**

Major: *Agricultural and Biological Engineering*

Minor: *Environmental Engineering Sciences*

Dissertation: Treatment of Dairy Manure for Energy Production and Nutrient Recovery

Dissertation Chair: P. C. Pullammanappallil

**Wencui Yang**

Major: *Design, Construction and Planning*

Dissertation: Assessing the Overall Social Equity of Transit Access to Jobs: A Case Study in Orlando Urban Area, Florida

Dissertation Chair: R. L. Steiner

**Yichao Yu**

Major: *Pharmaceutical Sciences—Pharmacy*

Dissertation: Dose Optimization of Anti-Infective Agents Using Pharmacokinetic/Pharmacodynamic Modeling and Simulation

Dissertation Chair: H. C. Derendorf

**Brian A. Zaboski II**

Major: *School Psychology*

Dissertation: Group Exposure and Response Prevention for College Students with Social Anxiety: A Randomized Clinical Trial

Dissertation Chair: D. J. Beaulieu

**Han Zhang**

Major: *Astronomy*

Dissertation: Mid-Infrared Polarimetry: Insights into Magnetic Fields and Dust Grain Properties in Young Stellar Objects and Protoplanetary Disks

Dissertation Chair: C. M. Telesco

**Huiling Zhang**

Major: *Computer Science*

Dissertation: Misinformation Detection and Containment in Online Social Networks

Dissertation Chair: M. T. Thai

**Jun Zhang**

Major: *Design, Construction and Planning*

Dissertation: Collecting Real-Time Human Behavior Data during Fire Emergency Evacuation: A BIM-Driven Immersive Game Approach

Dissertation Chair: R. R. Issa

**Shaojun Zhang**

Major: *Statistics*

Dissertation: Structural Discovery in Temporal Networks and Simultaneous Dimension Reduction for Multiple Datasets

Dissertation Chair: G. Michailidis

**Tianduo Zhang**

Major: *Mass Communication*

Dissertation: State Owned Media in Hashtag Discussion Exploring State Owned Media Agenda Building Strategy on Twitter

Dissertation Chair: S. K. Kiousis

**Yingxiu Zhang**

Major: *Agricultural and Biological Engineering*

Dissertation: Cultivation, Growth Optimization and Modeling of a Saline *Cyanobacteria* Species BG0011 for Production of Biofuels and Bioproducts

Dissertation Chair: P. C. Pullammanappallil

Dissertation Co-chair: S. A. Svoronos

**Hui Zhao**

Major: *Electrical and Computer Engineering*

Dissertation: A Cascade H-Bridge with Selective Harmonic Elimination/Compensation: Algorithm, Modulation, and Parameter Design

Dissertation Chair: S. Wang

**Kezhao Zhou**

Major: *Industrial and Systems Engineering*

Dissertation: Polynomial-Time Algorithms, Extended Formulations and Distributional Robust Stochastic Optimization Approaches for Unit Commitment Problems

Dissertation Chair: Y. Guan

**Yiqing Zhu**

Major: *Linguistics*

Minor: *Statistics*

Dissertation: Processing Intonation: Categoricity and the Effects of Cognitive Control

Dissertation Chair: R. Wayland

Dissertation Co-chair: J. R. Valdes Kroff



## DOCTOR OF EDUCATION

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### Meridith Zepp Bergeron

Major: *Curriculum and Instruction*

Dissertation: Exploring Faculty Members' Concerns with Online Teaching and the Support Needed to Address Concerns

Dissertation Chair: S. Kumar

### Jazmin M. Cuencas Caton

Major: *Higher Education Administration*

Dissertation: They Already Have So Many Labels: Defining Homelessness in the Context of Higher Education

Dissertation Chair: J. C. Ortagus

### Jonathan David Frankel

Major: *Curriculum and Instruction*

Dissertation: EFL Teacher Perceptions of a Blended Teacher Professional Development Workshop in Mexico

Dissertation Chair: S. Kumar

### Zane Talal Hasan

Major: *Curriculum and Instruction*

Minor: *Higher Education Administration*

Dissertation: The Multiple Identities of Second Generation Palestinian American Muslim Female Adolescents

Dissertation Chair: E. J. De Jong

### Leena Hasbini

Major: *Educational Leadership*

Dissertation: The Impact of Standardized Testing on High-Achieving Students Postsecondary Acceptance Outcomes

Dissertation Chair: L. B. Eldridge

### Christine M. Lloyd

Major: *Higher Education Administration*

Dissertation: An Exploration of Strategic Human Resources in Higher Education: Are We There Yet?

Dissertation Chair: D. F. Campbell

### Tuuli Robinson

Major: *Curriculum and Instruction*

Dissertation: E-Leadership Practices within Electronic Educational Information Systems of Elementary School Principals in One Small Educational Consortium in Florida

Dissertation Chair: K. M. Dawson

### Kendall Erin St. Hilaire

Major: *Higher Education Administration*

Dissertation: A Quantitative Case Study of the Influence of Online Course Load on Academic Success

Dissertation Chair: J. C. Ortagus

### Virginia L. Stewart Miller

Major: *Higher Education Administration*

Dissertation: A Case Study of Campus IT's Role in Adoption of Technology at a Private University

Dissertation Chair: D. F. Campbell

### Stephanie Nicole Wall

Major: *Educational Leadership*

Dissertation: Virtually Successful: A Comparative Analysis of At-Risk Student Performance in Online Coursework in a Selected School District

Dissertation Chair: L. B. Eldridge

Dissertation Co-chair: C. H. Redding

## DOCTOR OF AUDIOLOGY

Isabelle Boulay

Madeleine Jennifer Ritchie

Rufina Atienza Sanvictores

## DOCTOR OF BUSINESS ADMINISTRATION

Timothy J. Halloran

Susan A. Henderson

Marko Radoslav Jovic

Richard D. Kuerston III

Christopher Leo

Sandra M. Maletta

Ashok B. Margam

Ryan K. Parris

Anan L. Sturgess

Omar Y. Tarawneh

Katarzyna Toskin

Nykylo D. Williams

## DOCTOR OF PLANT MEDICINE

Wael Mohamed Elwakil

## PROFESSIONAL DEGREES

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### THE FREDRIC G. LEVIN COLLEGE OF LAW

---

DEAN LAURA A. ROSENBURY

### JURIS DOCTOR

Jordan A. Eddy

Genna F. Elko

Melissa Michaud Hubble

Parker B. McDonald

### DOCTOR OF JURIDICAL SCIENCES IN TAXATION

Faisal Misfer Al-Hababi

Debora S. Correa

### THE COLLEGE OF NURSING

---

DEAN ANNA M. MCDANIEL

### DOCTOR OF NURSING PRACTICE

Marites Reyes Acampora

Jessica M. Albaugh

Sheila Diaz

Angelica C. Estrella

Jessy D. Hart

Caitlin J. Powers

Christopher Wade Schreier

Lisa A. Wisemen

### THE COLLEGE OF PHARMACY

---

DEAN JULIE A. JOHNSON

### DOCTOR OF PHARMACY

Srinivasa Rao Arrabelli

William Joseph Carnie

Ann Chao

Brian Charles Doss

Natasha M. Duvall

Marcia A. Gray

Daniel J. Heser

Sarah A. Hull

Jeri L. Jones

Brian Daehyun Kim

Amy Johnell Kocurek Perry

Anthony Lau

Jung Soo Lee

Theresa M. Mahoney

Theresa K. McCarthy

Kim Rachelle McCurry

Pamela Jean Miranda

Lekha Negi

Kenny Yat Ng

Oliver E. Nkwonta

Lynn Pettitt

Ai T. Phan-Tang

Iman Ahmad Ramadan

Ramya Ranganathan

Maria de Lourdes Rivera

Nancy J. Samuel

Archana Shrivatsa

Angela M. Tucker

Pik Ling Yeung

Heejeong Yoon

Kenneth Scott Zweerink



## 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. 9 in U.S. News & World Report "Top Public Universities" (2018); No. 12 in the Wall Street Journal/Times Higher Education list of Best Public Colleges (2017); No. 3 on the Forbes' list of Best Value Public Universities (2017); No. 1 on Value Colleges' list of Top 50 Best Value Colleges (2016); and No. 1 on the Times Higher Education list of best public universities for employers to find new hires.

### Faculty

- UF has nearly 5,000 faculty members with distinguished records in teaching, research and service, including 36 Eminent Scholar chairs and 45 faculty elections to the National Academy of Sciences, Engineering, the National Academy of Medicine or the American Academy of Arts and Sciences.
- Awards include two Pulitzer Prizes, NASA's top award for research, and the Smithsonian Institution's conservation award.

### Students

- Ninety-seven percent of incoming freshmen score above the national average (1500/21) on standardized exams. Students admitted for the fall 2018 freshman class had an average 4.45 GPA and an average SAT score of 1370.
- The freshman retention rate of 96 percent is among the highest in the country.
- UF awards more professional degrees to African American, Hispanic and other minority students than any other public university in the Association of American Universities (2014-15).
- Sixty-seven percent of UF full-time freshmen graduate in four years (2011-12 cohort), and 87 percent of UF freshmen graduate within six years (2009-10 cohort).
- Fifty-seven percent of UF graduates leave the university with no student-loan debt. For the remaining students, their average indebtedness is about \$21,603, as compared with the national average of more than \$30,000 (2015-16).



### Chain of Office

This custom-made ornament is worn with the president's regalia, symbolizing the authority and responsibilities of the office. The chain is engraved with the names and service years of the university presidents. The medallion's centerpiece is a 1.3-carat diamond.

### Academic Mace

Dating back to the Middle Ages, the mace symbolizes strength and authority. The UF ceremonial mace was created for the university's sesquicentennial celebration in 2003. The 70-inch staff features an alligator sitting atop a globe.

The four pillars supporting the globe represent the four original colleges: Agriculture, Engineering, Law, and Liberal Arts. The staff is carved from cherry wood. The university's chief marshal, who leads all academic processions, carries the mace.



### Diplomas

Diplomas will be mailed to the graduate's permanent home mailing address in September 2018.

## Caps and Gowns, An Explanation

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



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

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

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

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





### **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**