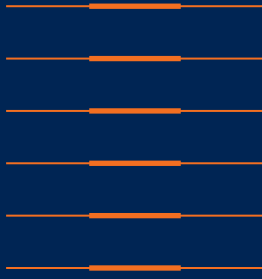




SPRING 2026  
**Commencement**



## Greetings from President Landry

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**G**reetings and felicitations to you, esteemed University of Florida Doctoral Graduates of 2026.

This day culminates years of planning, work, rigor, sacrifice and perseverance. You have earned your doctorate from one of the nation's very best public universities. I commend you and join you in gratitude for your faculty advisors, mentors, fellow students and family and friends who have supported you.

The education and expertise you have gained here are rare and powerful. My simple message is to use them wisely and generously. Lead with evidence and with integrity. Share your knowledge openly, mentor often, and apply your scholarship and science to the problems that matter most to humanity and this pendent world.

You will make a lasting impact not only through your own success, but by all the lives you touch. With your depth of knowledge and your hard-fought understanding of the slow, yet profoundly meaningful, work of intellectual inquiry, you are needed now more than ever.

Thank you for your research and teaching, your insights and discoveries, and the many ways you have benefited the University of Florida during your time with us. I hope you will stay connected as active distinguished alumni.

I commend you! I believe in you! My faith in the future rests upon you!

Again, congratulations, and Go Gators!



Donald Landry



## Dr. Donald Landry

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Donald Landry has served as the interim president of the University of Florida since September 1, 2025. Prior to his appointment, he was the founding director of the Burch-Lodge Center for Human Longevity at Columbia as well as Chair Emeritus of the Department of Medicine at Columbia University and past Physician-in-Chief at New York-Presbyterian Hospital/Columbia University Medical Center, leading the Department and the Medical Service from 2007–2023. He is also past founding director of the Division of Experimental Therapeutics.

Dr. Landry completed his PhD in Organic Chemistry with Nobel laureate R.B. Woodward at Harvard University in 1979 and then obtained the MD degree from Columbia University in 1983. After completing his Residency in Internal Medicine at the Massachusetts General Hospital/Harvard Medical School, he returned to Columbia for training as an NIH Physician-Scientist, 1985–90, and remained as an active member of the Columbia faculty until his appointment to the UF presidency.

# University of Florida Leadership

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## State Board of Education

**Ryan Petty**, *Chair*  
**MaryLynn Magar**, *Vice Chair*

**Grazie Christie**                      **Erika Fritz-Ochs**  
**Layla Collins**                        **Luis Fuste**  
**Daniel Foganholi Sr.**

## Commissioner of Education

**Anastasios Kamoutsas**

## Florida Board of Governors

**Alan Levine**, *Chair*  
**Timothy Cerio**, *Vice Chair*

**Ashley Bell Barnett**                **Ken Jones**  
**Douglas Broxson**                **Ashley Lukis**  
**Carson Dale**                        **Charles Lydecker**  
**Kimberly Dunn**                    **Craig Mateer**  
**Aubrey Edge**                        **Michael Okaty**  
**Carson Good**                       **Keith Perry**  
**Edward Haddock**                **Nick Sinatra**

## Chancellor of the State University System of Florida

**Ray Rodrigues**

## University of Florida Board of Trustees

**Morteza “Mori” Hosseini**, *Chair*  
**Rahul Patel**, *Vice Chair*

**David Brandon**                    **James Heavener**  
**Richard Cole**                      **Daniel O’Keefe**  
**Christopher Corr**                **Marsha Powers**  
**Blake Cox**                         **Fred Ridley**  
**Jed Davis**                         **Patrick Zalupski**  
**Luisa Amelia Dempere**

## University President and Cabinet

**Donald Landry**  
*Interim President*

**Joseph Glover**  
*Interim Provost and Executive Vice President - Academic Affairs*

**J. Scott Angle**  
*Senior Vice President - Agriculture and Natural Resources*

**Chuck Clemons**  
*Vice President - Government and Community Relations*

**Melissa Curry**  
*Vice President - Human Resources*

**Kurt Dudas**  
*Vice President - Strategic Initiatives*

**Elias Eldayrie**  
*Senior Vice President and Chief Information Officer - Information Technology*

**Ryan Fuller**  
*Vice President - General Counsel*

**Nicholas Kozlov**  
*Senior Vice President and Chief Financial Officer*

**Colt Little**  
*Vice President - Construction, Facilities, and Real Estate*

**Maria Gutierrez Martin**  
*Vice President - Advancement*

**Stephen Motew**  
*President and System Chief Executive Officer - UF Health*

**David Norton**  
*Vice President - Research*

**Steve Orlando**  
*Interim Vice President - Strategic Communications and Marketing*

**Mary Parker**  
*Vice President and Chief Enrollment Strategist*

**Brandi Renton**  
*Vice President - Business Affairs*

**Scott Stricklin**  
*Director - Athletics*

**Heather White**  
*Vice President - Student Life*

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## Deans of the University

**Chinemelu “Chimay” Anumba**  
*College of Design, Construction and Planning*

**Hubert “Hub” Brown**  
*College of Journalism and Communications*

**Warren Dixon**  
*Interim - Herbert Wertheim College of Engineering*

**A. Isabel Garcia**  
*College of Dentistry*

**Robert Gilbert**  
*IFAS Research and Executive Director for Academic Affairs*

**Glenn Good**  
*College of Education*

**Shakira Henderson**  
*College of Nursing*

**Jennifer Hunt**  
*Interim - College of Medicine*

**Kevin Ingersent**  
*Interim - College of Liberal Arts and Sciences*

**Andra Johnson**  
*IFAS Extension*

**Merritt McAlister**  
*Interim - Fredric G. Levin College of Law*

**Kati Migliaccio**  
*College of Agricultural and Life Sciences*

**Sabyasachi “Saby” Mitra**  
*Warrington College of Business*

**Patrick Reakes**  
*Interim - University Libraries*

**Michael Reid**  
*College of Health and Human Performance*

**Jennifer Setlow**  
*Interim - College of the Arts*

**Nicole Stedman**  
*The Graduate School*

**Christopher Summerlin**  
*Dean of Students*

**Peter Swaan**  
*College of Pharmacy*

**Beth Virnig**  
*College of Public Health and Health Professions*

**Marta Wayne**  
*International Center*

**Dana Zimmer**  
*College of Veterinary Medicine*



# COMMENCEMENT AGENDA - THURSDAY, APRIL 30, 9:00 A.M.

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Presiding	Donald Landry <i>Interim President</i>
National Anthem	Colleen Beucher <i>Vocalist</i> Gainesville Brass Quintet
Welcome	Donald Landry
Introductions	Joseph Glover <i>Interim Provost and Executive Vice President - Academic Affairs</i>
Commencement Address	Joe G. N. Garcia <i>Associate Vice President for Research, University of Florida</i>
Presenting Candidates for Degrees	Joseph Glover
Conferring of Degrees	Amelia Dempere <i>Member, UF Board of Trustees</i>
<b>Recognition of Graduates</b>	
Closing Remarks	Donald Landry
Alma Mater	Colleen Beucher Gainesville Brass Quintet
Recessional	"I Won't Back Down" ©1989 Written by Tom Petty and Jeff Lynne Performed by Tom Petty Album: <i>Full Moon Fever</i>

## COMMENCEMENT SPEAKER

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### **Joe G. N. Garcia, MD**

*Associate Vice President for Research,  
The Herbert Wertheim UF Scripps Institute for  
Biomedical Innovation and Technology,  
University Florida*

Joe G. N. “Skip” Garcia, MD, is a renowned academician and pulmonary and critical care physician-scientist who has held key academic leadership positions at multiple institutions, including Johns Hopkins University and the University of Chicago. He is currently the Wertheim Professor of Molecular Medicine and the Associate Vice President of Research at the University of Florida, and the founding Director of the Center for Inflammation Sciences and Systems Medicine at The Herbert Wertheim UF Scripps Institute for Biomedical Innovation & Technology in Jupiter, Florida.

With an abiding belief that Academic Health Centers have a moral obligation to improve the health of their communities, Garcia aggressively instituted sweeping culture changes to increase student and faculty diversity and deliver high-quality personalized healthcare to medically underserved populations. His dedication to mentorship and nurturing minority high school and college students into MD and PhD careers has garnered him the Osler Mentoring Award from Johns Hopkins University, the Maestro de Campo Award from the Latino community of Chicago, and the La Estrella Award from the Tucson Hispanic Chamber of Commerce. A tireless advocate for the training of physician scientists, many of Garcia’s former MD and PhD mentees hold major academic leadership positions at prestigious institutions.



Garcia has received numerous academic accolades, including election into the prestigious National Academy of Medicine and the Trudeau Medal, the highest award of the American Thoracic Society, the premier international pulmonary and critical care society. With continuous NIH funding and over 600 peer-reviewed publications, Garcia ranks among the top 2% of scientists in the world in the number of scientific citations. Internationally recognized for his groundbreaking work on the molecular and genetic underpinnings of inflammatory and fibrotic organ injuries, he is also the CEO of Aqualung Therapeutics, a biotech company with an immunotherapeutic that is now in Phase 2 clinical trials and directed against a novel target identified by the Garcia laboratory.

# GRADUATE SCHOOL

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NICOLE STEDMAN, ASSOCIATE PROVOST AND DEAN OF THE GRADUATE SCHOOL

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## DOCTOR OF PHILOSOPHY

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### **Mai Mohamed Sayed Ahmed Abdelmageed**

Major: *Pharmaceutical Sciences—Pharmaceutics*

Dissertation: Application of Model-Informed Drug Development Approaches to Guide Optimal Dosing in Special Populations

Dissertation Chair: Stephan Schmidt

### **Samuel Adeyemi Adewale**

Major: *Plant Breeding*

Dissertation: Leveraging Genomics, Enviromics, and Machine Learning for Biomass and Grain Yield Improvement in Southern US Oat (*Avena sativa* L.) Germplasm

Dissertation Chair: Md Ali Babar

Dissertation Co-Chair: Juan Diego Hernandez Jarquin

### **Jose Alfonso Aguilar**

Major: *Mechanical Engineering*

Dissertation: Advancing Aluminized High Explosive Modeling and Simulation Methodologies for Blast and Afterburning Effects

Dissertation Chair: Ryan William Houim

### **Elizabeth Loraine Aikman**

Major: *Chemical Engineering*

Dissertation: Engineering Dynamic Silk Fibroin-Based Soft Tissue Models Towards Investigating Disease Progression

Dissertation Chair: Whitney L. Stoppel

### **Francis Temidayo Akanbi**

Major: *Mass Communication*

Dissertation: The Shift From Corporate Social Responsibility to Corporate Purpose: Evolution, Perception, and Trust in Contemporary Business Practices

Dissertation Chair: Marcia DiStaso

### **Mahmuda Akter**

Major: *Medical Sciences—Cancer Biology*

Dissertation: Ferroptosis Necessitates Caspase-5 Dependent GSDME Cleavage in Ovarian Cancer

Dissertation Chair: Shuang Huang

### **Dorcas Olufunke Alade**

Major: *Horticultural Sciences*

Dissertation: Impact of Huanglongbing (HLB) on Source-Sink Co-Acclimation and Water-Carbon Relations in Citrus

Dissertation Chair: Christopher Isaac Vincent

### **Abhay Alaukik**

Major: *Psychology*

Dissertation: Polarization and Extremism With Multiple Information Sources: Analyzing Mechanisms of Confirmation Bias and Decision Making Under Pressure

Dissertation Chair: Colin T. Smith

### **Oluwatobi Abel Alawode**

Major: *Sociology*

Dissertation: Preventive Healthcare Experiences of Black Immigrants in the United States: Exploring Inequalities in Access and Utilization

Dissertation Chair: Barbara Zsembik

**Badr Ali Albeshri**

Major: *Mechanical Engineering*

Dissertation: Parametric, Geometrical, and Nature-Inspired Design Analysis of Solar Air Heaters With Rotatable Turbulators and Their Heat Transfer and Performance Enhancement Coefficient Correlations

Dissertation Chair: S. A. Sherif

**Alaa Mohammed Albukhari**

Major: *Mechanical Engineering*

Dissertation: Thermodynamic Analysis of Counterflow Reactor Configurations for Solar Thermochemical Hydrogen Production

Dissertation Chair: Jonathan Scheffe

**Abdulkarim Mohammed Alfaez**

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: Metabolic and Epigenetic Regulation of Herpesvirus Infection in Oral Epithelial Cells

Dissertation Chair: Timothy J. Garrett

**Zainab Ali**

Major: *Geography*

Dissertation: Tropical Cyclone Rainfall and Remote Sensing Applications: Insights Into the Global Precipitation Measurement Mission Dual-Frequency Precipitation Radar, Ground-Based Radars, and Flash Flood Warnings

Dissertation Chair: Corene Matyas

**Hernan Gonzalo Alvarez Barriga**

Major: *Interdisciplinary Ecology—Sociology*

Dissertation: Bridging Deterrence and Collaboration: Integrating Behavioral, Conservation Criminology, and Governance Perspectives on Compliance With Wildmeat Trade Regulations in the Ecuadorian Amazon

Dissertation Chair: Jessica Siders Kahler

**Jeremy Joel Anderson**

Major: *Electrical and Computer Engineering*

Dissertation: A Long-Term Average Cepstral Enhancement Technique to Improve Single Microphone Automatic Speech Recognition

Dissertation Chair: John Gregory Harris

**Joshua Evan Arroyo**

Major: *Mathematics*

Dissertation: Symmetric Function Expansions via Insertion Algorithms

Dissertation Chair: Zachary Hamaker

**Ann Atwater**

Major: *Economics*

Dissertation: Antitrust in the Skies, Computers in the Classrooms

Dissertation Chair: Ignacia Mercadal

**Jordan T. Bajema**

Major: *Interdisciplinary Ecology—Fisheries and Aquatic Sciences*

Dissertation: The Arrival, Survival, and Persistence of a Range-Expanding Species, Common Snook (*Centropomus undecimalis*), in Florida's Nature Coast

Dissertation Chair: William Frank Patterson III

Dissertation Co-Chair: Micheal S. Allen

**Deepak Balakrishnan**

Major: *Design, Construction and Planning—Construction Management*

Dissertation: Powering Digital Twins: Development of an NVIDIA® Omniverse Bi-Directional Connector for Near Real-Time Building Energy Simulation and Optimization

Dissertation Chair: Ravi Shankar Srinivasan

Dissertation Co-Chair: Chinemelu J. Anumba

**Caroline Paxton Barnett**

Major: *Agricultural Education and Communication*

Dissertation: *Generational Echoes: An Exploration of Environmental Evolution, Eco-Emotion, and Hope Through the Eyes of Agricultural and Natural Resources Experts*

Dissertation Chair: Jamie Lynn Loizzo

**H. C. Regan B. Bhatta**

Major: *Physics*

Dissertation: *Strain Engineered Structural and Electronic Evolution of Bilayer Nickelates and Accurate Interpolation of Electronic Bands in the Brillouin Zone*

Dissertation Chair: Chunjing Jia

**Sri Hrushikesh Varma Bhupathiraju**

Major: *Computer Science*

Dissertation: *Towards More Secure Sensing and Operation for Autonomous Driving Frameworks*

Dissertation Chair: Sara Rampazzi

**Jieming Bian**

Major: *Electrical and Computer Engineering*

Dissertation: *Rethinking Communication in Federated Learning: From Client Scaling to Model Scaling*

Dissertation Chair: Jie Xu

**Rachel Ann Biderman**

Major: *Agricultural Education and Communication*

Dissertation: *Leaders in Their Field: A Mixed Methods Needs Assessment to Identify and Prioritize the Leadership Development and Social Networking Needs and Barriers of Small-Scale Farmers in Florida*

Dissertation Chair: Laura Greenhaw

**Heather Anne Blackwell**

Major: *Biomedical Engineering*

Dissertation: *Advancing the Biomanufacturing Process of Hematopoietic Stem Cell Transplant and Cellular Therapies to Improve the Outcomes for Blood Cancer Patients*

Dissertation Chair: Jason M. Butler

**Harrison Louis Blount**

Major: *Psychology*

Dissertation: *Oxytocin Modulates Nucleus Accumbens Dopamine Dynamics and Oxycodone Seeking in Male but Not Female Sprague Dawley Rats*

Dissertation Chair: Marek Schwendt

Dissertation Co-Chair: Lori Knackstedt

**Pratush Brahma**

Major: *Zoology—Animal Molecular and Cellular Biology*

Dissertation: *Understanding Animal Decision Making in the Face of Changing Environmental Conditions*

Dissertation Chair: Colette Marie St. Mary

**Alana Rayne Brinley**

Major: *Horticultural Sciences*

Dissertation: *Morphological and Genetic Insights Into Fruit Abscission, Peel Characteristics, and Postharvest Quality in Muscadine (*Muscadinia rotundifolia*)*

Dissertation Chair: Tie Liu

Dissertation Co-Chair: Ali Sarkhosh

**Austin Ray Britton**

Major: *Geography—Climate Science*

Dissertation: *From Frozen Hazards to Community Solutions: Investigating Freezing Rain in a Changing Climate Alongside Local Climate Action Plans*

Dissertation Chair: Esther Danielle Mullens

**Adrian Earle Brown**

Major: *Environmental Engineering Sciences*

Dissertation: The Ethics and Environmental (In)Justice at a Hazardous Waste Site in Florida

Dissertation Chair: Elliot Paul Douglas

**Shannon Marie Brown**

Major: *Microbiology and Cell Science*

Dissertation: Interactions Between Nitrogen Mineralization, Nitrification, Plant Nutrition, and Nitrogen Loss in Agricultural Cropping Systems

Dissertation Chair: Willm Martens-Habbena

**Nazar Budaiev**

Major: *Astronomy*

Dissertation: Extreme Star Formation in Sagittarius B2

Dissertation Chair: Adam Ginsburg

**Alyssa Michele Bulatek**

Major: *Astronomy*

Dissertation: The Brick Line Survey: Star Formation in an Extreme Environment

Dissertation Chair: Adam Ginsburg

**Abigail N. Butka**

Major: *Electrical and Computer Engineering*

Dissertation: Design-for-Lifetime Security: Ensuring System-Level Architectural Security in Systems-on-Chip

Dissertation Chair: Christophe Bobda

**Alejandro Camazon Pinilla**

Major: *Astronomy*

Dissertation: Constraining the Unknown: A Study of the Dark Universe

Dissertation Chair: Rafael Guzmán

**Megan Stein Cantrell**

Major: *Agricultural Education and Communication*

Dissertation: Defining Leadership in Agriculture: Historical Context, Competency Consensus, and Industry Alignment of Leadership in Agriculture and Natural Resources

Dissertation Chair: Nicole Stedman

**Julio Cesar Cardoso Cruz**

Major: *Food and Resource Economics*

Dissertation: Three Essays to Support Decision-Making in the Face of Challenges Imposed by Citrus Greening in Florida

Dissertation Chair: Lisa A. House

Dissertation Co-Chair: Christa Court

**Brinden Carlson**

Major: *Physics*

Dissertation: Double Differential Cross Section Measurement of the  $\nu_{\mu}$  CC Inclusive Interaction Channel for SBND

Dissertation Chair: Heather Ray

**Blanca Nuria Castaneda Lazo**

Major: *Food Science*

Dissertation: Characterization of the Physicochemical Properties of Protein Isolate Obtained From Lupin Bean (*Lupinus mutabilis*) and Its Application as a Micronutrient Delivery Carriers

Dissertation Chair: Juan Emilio Andrade

**Cameron Gabriel Celeste**

Major: *Biomedical Engineering*

Dissertation: Predictive Modeling and Molecular Analysis of Microbial Interactions to Elucidate Mechanisms of Bacterial Vaginosis

Dissertation Chair: Ivana Kennedy Parker

**LaToya TaNai Chandler**

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: *Building the Bridge: An Exploration of K-12 In-Service Teachers' Problem-Solving Strategies in Java*

Dissertation Chair: Maya Israel

**Jessica Catherine Chellino**

Major: *Astronomy*

Dissertation: *A Mathematical Approach to Analyzing Large-Scale Structure With Galaxy Correlations*

Dissertation Chair: Zachary Slepian



**Robin Chen**

Major: *Biomedical Engineering*

Dissertation: Free-Water Imaging Applications in Alzheimer's Disease Dementia and Dementia With Lewy Bodies: Automated Imaging Differentiation and Index of Neurodegeneration

Dissertation Chair: David E. Vaillancourt

**Yu-Peng Chen**

Major: *Computer Science*

Dissertation: Exploring the Design of a Human-Centered Digital Health Tool Incorporating an AI-Powered Virtual Assistant to Reduce Interventionists' Workload in a Behavioral Weight Management Program

Dissertation Chair: Lisa Anthony

**Hao-Wen Cheng**

Major: *Medical Sciences—Medical Physics*

Dissertation: Evaluation of System Accuracy in Surface-Guided Frameless Linac-Based Stereotactic Radiosurgery and Deep Learning Applications in Treatment Planning for MR-Linac Prostate Therapy

Dissertation Chair: Chihray Liu

**Hee Jun Cheong**

Major: *Geology*

Dissertation: Ecological Changes Across the Cretaceous-Paleogene Boundary—Geochronology, Magnetostratigraphy, Climate Modeling Approach

Dissertation Chair: David A. Foster

Dissertation Co-Chair: Courtney Jean Sprain

**Benjamin Z. Churba**

Major: *Public Health—Health Services Research*

Dissertation: Primary Care Provider (PCP) Burnout and Job Satisfaction in Federally Qualified Health Center (FQHC) Providers

Dissertation Chair: Ashby F. Walker

Dissertation Co-Chair: Nicole Marguerite Marlow

**Robert Dale Claar Jr.**

Major: *Biomedical Engineering*

Dissertation: Neuroimaging Correlates of Trauma-Related Dysregulation and Pancreatic Islet Modeling

Dissertation Chair: Damon G. Lamb

**Cherita Antonia Clendinen**

Major: *Psychology*

Dissertation: Discrimination and Socioeconomic Disadvantage in Adolescence: Family Contexts and Biological Embedding Among Mexican-Origin Youth

Dissertation Chair: Natalie C. Ebner

**Donald Coon**

Major: *Agricultural and Biological Engineering*

Dissertation: Feeding the Final Frontier: Temperature, Crop Dynamics, and the Energy Cascade Crop Models

Dissertation Chair: Ana D. Martin-Ryals

**Vernon Seth Crasto**

Major: *Electrical and Computer Engineering*

Dissertation: Advancing Electrodynamics Wireless Power Transfer for Precision Agriculture: Receiver-Transmitter Design Architectures, Modeling, and Application Pathways

Dissertation Chair: David P. Arnold

**Rayven Nychole Crisafulli**

Major: *Health and Human Performance—Tourism, Hospitality, and Event Management*

Dissertation: All Are Welcome Here: Event Authenticity, Existential Connection, and Re-Attendance at Music Festivals

Dissertation Chair: Rachel J. C. Fu

**Anna Crowder**

Major: *Computer Science*

Dissertation: Exploring the Benefits, Behaviors, and Barriers to Data Sharing and Reuse in Computer Security Research

Dissertation Chair: Kevin Butler

**Brittany Michelle Cummings**

Major: *Zoology*

Dissertation: *Unraveling Amphipod Diversity Across Phylogenetic, Phenotypic, and Community Scales*

Dissertation Chair: Gustav Paulay

**Aritra Dasgupta**

Major: *Electrical and Computer Engineering*

Dissertation: *Securing Hardware Intellectual Property Against Reverse Engineering Through Robust Fine-Grain Redaction in ASIC*

Dissertation Chair: Swarup Bhunia

**Ankita Datta**

Major: *Interdisciplinary Ecology—Soil and Water Sciences*

Dissertation: *Evaluating Nutrient Dynamics, Water Quality and Ecosystem Service Valuation in the Everglades*

Dissertation Chair: Patrick W. Inglett

**Destiny Davis**

Major: *Medical Sciences—Molecular Cell Biology*

Dissertation: *The Role of Cul4b in Antiviral B Cell Responses*

Dissertation Chair: Emily Katherine Moser

**Gabriel de Castro Marconi Pugina**

Major: *Horticultural Sciences*

Dissertation: *Exploring Cultural and Therapeutic Practices to Diminish HLB Consequences in Citrus Production*

Dissertation Chair: Ute Albrecht

**Rashelle Helene Deak**

Major: *Forest Resources and Conservation*

Dissertation: *Conservation Biology in the North American Coastal Plain*

Dissertation Chair: Raelene M. Crandall

**Bornita Deb**

Major: *Chemical Engineering*

Dissertation: *Designing Signal Responsive Recombinant Protein Assemblies With Embedded Sensing and Dynamic Organization Toward Artificial Cell Development*

Dissertation Chair: Yeongseon Jang

Dissertation Co-Chair: Carl Andre Denard

**Christopher DeFelice**

Major: *Mass Communication*

Dissertation: *The Good, the Bad, and the Generated: Exploring the Dynamics of Ethics, Morality, and Acceptance of Artificial Intelligence in the Entertainment Industry*

Dissertation Chair: David Howard Ostroff

**Ruben A. Del Rio**

Major: *Curriculum and Instruction*

Dissertation: *Teaching Under Pressure: A Self-Study of Political Mandates and Instructional Decision-Making in an Introductory Education Course*

Dissertation Chair: Vicki A. Vescio

Dissertation Co-Chair: Blake Mickle Beckett

**Claudia Patricia Diaz Carrasco**

Major: *Agricultural Education and Communication*

Dissertation: *Our Stories Matter: Strengthening the U.S. Extension Workforce*

Dissertation Chair: John M. Diaz

**Joshua Robert Doby**

Major: *Zoology*

Dissertation: *Landscapes to Leaves: Refining Methodologies for Understanding the Evolution of Aridity Related Traits*

Dissertation Chair: Robert Guralnick

**Alexander M. Donald**

Major: *Physics*

Dissertation: The Development of High B/T Cryogenic Devices and the Computational Thermodynamics of Quantum Spin Systems

Dissertation Chair: Rasul Gazizulin

**Zaafir Muhammad Dulloo**

Major: *Chemistry*

Dissertation: Disulfide-Bond Disrupting Agents: Fluorinated Bioisosteres, Fluorescent Bioimaging Probes, and Formulation

Dissertation Chair: Ronald K. Castellano

**Isis Sorayah Lynn Dwyer**

Major: *Anthropology*

Dissertation: Emic Exceptions: Confronting Racial Typologies in the Black Atlantic

Dissertation Chair: Valerie Burke DeLeon

**Lauren Elizabeth Eccles**

Major: *Chemical Engineering*

Dissertation: Physiochemical Characterization and Regeneration of *Plodia interpunctella* Silk for Protein-based Biomaterial Engineering

Dissertation Chair: Whitney L. Stoppel

**Moaz Refaat Elwan**

Major: *Physics*

Dissertation: Calibration Strategy for SuperCDMS High-Voltage Detectors Operations

Dissertation Chair: Tarek Saab

**Shaghayegh Esmaeili**

Major: *Human-Centered Computing*

Dissertation: Investigating Human Perception of Motion-Based Encoding Techniques for Visualizing Quantitative Data

Dissertation Chair: Eric Ragan

**Williams Adolfo Espericueta Luna**

Major: *Psychology*

Dissertation: Evaluation of Artificial Intelligence-Enhanced Video Feedback to Improve Ergonomics

Dissertation Chair: Nicole Gravina

**John William Figg**

Major: *Medical Sciences—Cancer Biology*

Dissertation: Adoptive Cellular Therapy in Glioma: Immune Niches, Cell Trafficking, and Theranostic Imaging

Dissertation Chair: Catherine Flores

**Isabel Margarita Figueroa Aldunce**

Major: *Design, Construction and Planning—Urban and Regional Planning*

Dissertation: Urban Ecosystem Services and Land Use Pattern in Coronel, Biobio Region, Chile

Dissertation Chair: Abhinav Alakshendra

**Luke Anthony Fina**

Major: *Mechanical Engineering*

Dissertation: Mixed-Integer Optimization for Distributed and Compute-Constrained Systems

Dissertation Chair: Christopher Daniel Petersen

**Anderson Kent Fitch**

Major: *Psychology*

Dissertation: Cognitive Models Improve Machine-Based Inference of Latent Motives In Dynamic Environments

Dissertation Chair: Andreas Keil

**Isadora Fluck Essig**

Major: *Interdisciplinary Ecology—Statistics*

Dissertation: From Individuals to Assemblages: The Importance of Population-Level Intraspecific Trait Variation (ITV) for Biodiversity Patterns

Dissertation Chair: Benjamin H. Baiser

**Jason Francis**

Major: *Health and Human Performance—Sport Management*

Dissertation: A Decolonial Perspective of Organizational Sustainability in Sport-for-Development: A Case Study in Trinidad and Tobago

Dissertation Chair: Christine Elaine Wegner

**Brittney Sha'nece Freeman**

Major: *Mechanical Engineering*

Dissertation: A Flat-Packaged Optical Shear Stress Sensor Using Moiré Transduction for Harsh Environments

Dissertation Chair: Mark Sheplak

**Wenyi Fu**

Major: *Food Science*

Dissertation: Exploring Flavonoids for Food Applications and Human Health

Dissertation Chair: Liwei Gu

**Amanda Mei Furuya**

Major: *Entomology and Nematology*

Dissertation: Host Plant Effects on *Plutella xylostella* and Its Parasitoid Complex

Dissertation Chair: Hugh Adam Smith

**Yujuan Gao**

Major: *Food and Resource Economics*

Dissertation: Examining Information and Communications Technologies (ICT) and Human Capital Development in Developing Contexts: Case Studies From Nigeria and Rural China

Dissertation Chair: Conner Codling Mullally

**Brian Edward Gawronski**

Major: *Pharmaceutical Sciences—Clinical Pharmaceutical Sciences*

Dissertation: Improving the Implementation of Preemptive Pharmacogenetic Testing With a Focus in Medically Underserved Patient Populations

Dissertation Chair: Julio D. Duarte

**Naqash Gerard**

Major: *Engineering Education*

Dissertation: Measuring the Cognitive Load and Cognitive Fatigue of Engineering Students During Laboratory Training

Dissertation Chair: Idalis Villanueva Alarcón

**Abra M. Gibson**

Major: *English*

Dissertation: Signifying Something: Cognitive Difference, Speech, and Identity in Late Midcentury Victorian Fictions

Dissertation Chair: Pamela K. Gilbert

**Shlok Gilda**

Major: *Computer Science*

Dissertation: How Communication Dynamics Shape Vulnerability Management in Open-Source Software

Dissertation Chair: Bonnie J. Dorr

**Yeonsoo Jo Gittelmacher**

Major: *Health and Human Performance—Tourism, Hospitality, and Event Management*

Dissertation: When Small Talk Helps and When It Hurts: Understanding the Dual Effects of AI Conversation in Service and Workplace Contexts

Dissertation Chair: Svetlana Stepchenkova

**Cassandra Sue Goff**

Major: *Agricultural Education and Communication*

Dissertation: Understanding the Administrator-Teacher Relationship: A Phenomenological Study of Leader-Member Exchange in Agricultural Education

Dissertation Chair: Tre Easterly

**Jessica Lyn Goins**

Major: *Agricultural Education and Communication*

Dissertation: *Addressing Modern Workforce Skill Acquisition Through Supervised Agricultural Experiences*

Dissertation Chair: Debra Barry

**Hannah Michelle Gottesman**

Major: *Interdisciplinary Ecology—Fisheries and Aquatic Sciences*

Dissertation: *Population Structure and Connectivity of a Protogynous Grouper With a Sexually Dimorphic Spatial Life Cycle, Gag (*Mycteroperca microlepis*), on the West Florida Shelf*

Dissertation Chair: Susan K. Lowerre-Barbieri

Dissertation Co-Chair: William Frank Patterson III

**Nicolas Serge Grimaldi**

Major: *Industrial and Systems Engineering*

Dissertation: *A Context-Informed, Short-Form Trust in AI Scale*

Dissertation Chair: David Kaber

Dissertation Co-Chair: Boyi Hu



**Christina Marie Grinstead**

Major: *Nursing Sciences*

Dissertation: The Geriatric Nutritional Risk Index (GNRI) and Patient-Specific Nutritional and Clinical Factors From Diagnosis and Beyond to Predict Survival in Pancreatic Cancer

Dissertation Chair: Saun-Joo Yoon

**Xiaoyu Guan**

Major: *Materials Science and Engineering*

Dissertation: Optimizing the Performance of Semiconductor Device Under Ionizing Radiation

Dissertation Chair: Michael Tonks

**Yingchan Guo**

Major: *Chemistry*

Dissertation: Strategies for Deconvolutional Imaging Mass Spectrometry Data of Lipids Using Gas-Phase Charge Inversion Ion/Ion Reactions

Dissertation Chair: Boone M. Prentice

**Dipal Halder**

Major: *Electrical and Computer Engineering*

Dissertation: Designing Secure Interconnects for Modern Microelectronics: From SoCs to Emerging Chiplet-Based Architectures

Dissertation Chair: Sandip Ray

**Ashley Marie Hamersma**

Major: *Botany*

Dissertation: New Fossil Taxa From the Oligocene Belén Flora of Peru

Dissertation Chair: Steven R. Manchester

**Kathryn Marie Hampshire**

Major: *English*

Dissertation: Monstrous Bodymind Metaphors: Dynamics of Conflict, Coexistence, and Care in Children's Picture Books and Illustrated Novels About Neurodivergence and Difficult Emotions

Dissertation Chair: Anastasia Maria Ulanowicz

**Tyler E. Hanks**

Major: *Computer Science*

Dissertation: Compositional and Sheaf-Theoretic Semantics for Distributed Optimization and Control

Dissertation Chair: James P. Fairbanks

**Rebecca Grace Hart**

Major: *Mechanical Engineering*

Dissertation: Lyapunov-Based Physics-Informed Learning for Control

Dissertation Chair: Warren E. Dixon

**Kathryn E. Hartikka**

Major: *Sociology*

Dissertation: Cohorts, Caregiving, and Successful Aging for Baby Boomer Women: A Feminist Life Course Approach

Dissertation Chair: Monika Ardelt

**Shan He**

Major: *Aerospace Engineering*

Dissertation: Intelligent Structures Using Physical Reservoir Computing

Dissertation Chair: Patrick Musgrave

**Zeyu He**

Major: *Geography—Geographic Information Systems*

Dissertation: Human Mobility Resilience Under Extreme Disruptions: Spatiotemporal Evidence From Location-Based Mobility Data

Dissertation Chair: Yujie Hu

**Gavriella Hecht**

Major: *Geography—Geographic Information Systems*

Dissertation: Geospatial Analysis of Mosquito-Borne Disease Vulnerability in Tropical and Subtropical Regions: Integrating Social, Environmental, and Epidemiological Factors for Public Health Implications

Dissertation Chair: Jason K. Blackburn

**Abigail Rose Held**

Major: *Chemistry*

Dissertation: Discovery and Characterization of Druggable Cryptic Pockets on Human Ribonucleotide Reductase Using Computational Molecular Modeling

Dissertation Chair: Adrian E. Roitberg

**Byron Hernandez**

Major: *Agricultural and Biological Engineering*

Dissertation: Vision-Based Multi-Camera Multi-Target Tracking in Agriculture

Dissertation Chair: Henry Medeiros

**Kyle Robert Hewit**

Major: *Criminology, Law, and Society*

Dissertation: Family, Friends, and Fairness: The Role of Emotional Context in Jurors' Perceptions of Alibi Believability

Dissertation Chair: Lora M. Levett

**Kyleigh Caybe Hilburn-Walker**

Major: *Agricultural Education and Communication*

Dissertation: Navigating Higher Education: Representation, Belonging, and Togetherness of Native American Faculty at Land-Grant Institutions

Dissertation Chair: Sadie Hundemer

**Ralph Donald Holstein III**

Major: *Business Administration—Accounting*

Dissertation: The Real Effects of Product Quality Disclosure Mandates: Evidence From Medical Devices

Dissertation Chair: Jennifer Wu Tucker

**Yu Hong**

Major: *Computer Science*

Dissertation: Scalable Compression and Fast Indexing Algorithms for Large Repetitive Genomic Sequences

Dissertation Chair: Christina A. Boucher

**Leah Laurel Honsinger**

Major: *Linguistics*

Dissertation: Southern Accents in Florida English: Production and Perception in a Peripheral Dialect Region

Dissertation Chair: Ratree Wayland

**John Adam Howe**

Major: *Agricultural and Biological Engineering—Hydrologic Sciences*

Dissertation: Effects of Surface and Near Surface Runoff Interactions on the Transport and Mitigation of Pesticides in Vegetative Filter Strips

Dissertation Chair: Rafael Muñoz-Carpena

**Peijie Hu**

Major: *Chemistry*

Dissertation: Reactivity and Active Site Investigation of Molecular and Supported Group IV Metal Complexes With Exploratory Work on Nitride Support

Dissertation Chair: Keith Searles

**Rui Hu**

Major: *Design, Construction and Planning—Landscape Architecture*

Dissertation: Enhancing the Well-Being of the Aging Population: Insights Into Outdoor Environment Design

Dissertation Chair: Yi Luo

### **Zhefan Huang**

Major: *Business Administration—Management*

Dissertation: A Dynamic Perspective of Nonstandard Worker Use

Dissertation Chair: Aaron Hill

Dissertation Co-Chair: Yixuan Li

### **Rhys William Hughes**

Major: *Chemistry*

Dissertation: Structural Handles in Vinyl Polymers for Controlled Modification and Deconstruction

Dissertation Chair: Brent S. Sumerlin

### **Teng-Hong Hung**

Major: *Medical Sciences—Genetics*

Dissertation: An Investigation of the Genetic and Non-Genetic Factors Influencing Anti-PD-1-Promoted Type 1 Diabetes

Dissertation Chair: Clive H. Wasserfall

### **Maxine Ruth Floyd Hunter**

Major: *Entomology and Nematology*

Dissertation: Effects of Water Quality on the Development and Survivorship of *Chironomus decorus* Group

Dissertation Chair: Rebecca W. Baldwin

### **Seung Woo Hwangbo**

Major: *Rehabilitation Science*

Dissertation: Developing and Testing an Informational Video on Autonomous Shuttles for Older Adults

Dissertation Chair: Sherrilene Classen

### **Jacob Hiester Idec**

Major: *Zoology*

Dissertation: Harnessing Large-Scale Image Data to Reveal Climate, Habitat, and Behavioral Drivers of Dragonfly Coloration

Dissertation Chair: Robert Guralnick

### **Blake Jackson**

Major: *Business Administration—Finance*

Dissertation: Essays in Financial Economics

Dissertation Chair: Andy Naranjo

### **Belal Jahannia**

Major: *Electrical and Computer Engineering*

Dissertation: Advancing Photonic Architectures for AI: Scalability and Energy Efficiency in Next-Generation Accelerators

Dissertation Chair: Hamed Dalir

### **Juan David Jimenez Pardo**

Major: *Plant Breeding*

Dissertation: Improving Blueberry by Dissecting Fruit Texture

Dissertation Chair: Patricio Ricardo Munoz del Valle

### **Titto Sunil John**

Major: *Chemistry*

Dissertation: Designed Diiron Clusters for Carbon Monoxide and Isocyanide Activation

Dissertation Chair: Leslie Justin Murray

### **Shayce Susan Gail Johnston**

Major: *Counseling and Counselor Education*

Dissertation: Exploring the Lived Experiences and Mental Health of Jockeys and Exercise Riders Working in the Horse Racing Industry in the United States

Dissertation Chair: Sondra Lori Smith

Dissertation Co-Chair: Amber Brisa Moss

### **Grant Jones**

Major: *Sociology*

Dissertation: “Sometimes in Life...You Just Kind of Need a Win”: The Perceived Effects of Casual and Non-Casual Video Gaming on Stress, Anxiety, and Depression

Dissertation Chair: Charles F. Gattone

**Troy Vincent Jones**

Major: *Music Education*

Dissertation: *The Relationship Between Band Directors' Use of Learner-Centered Instruction and Demographic, Programmatic, and Contextual Factors*

Dissertation Chair: William I. Bauer

**Jiwoo Jung**

Major: *Health and Human Performance—Tourism, Hospitality, and Event Management*

Dissertation: *Climate Hazards and Tourism Industry: Spatial and Behavioral Economics Approach*

Dissertation Chair: Jin Won Kim

**Yagmur Keser**

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: *Differential Roles of Basal Type III Interferons in Epithelial Homeostasis and Antiviral Defense*

Dissertation Chair: Megan Lynn Stanifer

**Toi Ketehouli**

Major: *Plant Pathology*

Dissertation: *Impacts on Antibiotics' Application on Rhizosphere Microbiome and Plant Health*

Dissertation Chair: Samuel J. Martins

Dissertation Co-Chair: Erica M. Goss



### **Hisham Mansour Khafaji**

Major: *Design, Construction and Planning—Historic Preservation*

Dissertation: Modern Heritage in Riyadh City, Saudi Arabia: The Preservation of Modernist Heritage of the Oil Revolution 1952–1989

Dissertation Chair: Cleary Larkin

Dissertation Co-Chair: Vandana Baweja

### **Dongjoo Kim**

Major: *Food Science*

Dissertation: Key Flavor Compounds in Different Vanilla Species and Their Plant Synthesis Pathways

Dissertation Chair: Yu Wang

### **Aaron Robert King**

Major: *Geography*

Dissertation: Institutions, Authority, and Governance: Understanding Community-Based Natural Resource Management Performance in Southern Africa

Dissertation Chair: Brian Anthony Child

### **Dimuthu Nirmani Kodituwakku**

Major: *Chemistry*

Dissertation: Hybrid Approaches Combining Molecular Dynamics and Machine Learning for the Study of Molecules

Dissertation Chair: Adrian E. Roitberg

### **Neha Kohli**

Major: *Geography—Tropical Conservation and Development*

Dissertation: The Matter of Islands: Negotiating Terrains in Archipelagoes of Possibility in India

Dissertation Chair: Cynthia S. Simmons

Dissertation Co-Chair: Joel Correia

### **Diana Lyn Kornetti**

Major: *Public Health—Health Services Research*

Dissertation: Quality of Life in Type 2 Diabetes: Policy Implications of Coverage Criteria for Continuous Glucose Monitoring in U.S. Adults

Dissertation Chair: Yulia A. Levites Strekalova

Dissertation Co-Chair: Ashby F. Walker

### **Evgeniya Kozhevnikova**

Major: *Music—Composition*

Dissertation: The Poet's Voice Versus the Composer's Voice: Saliency, Grouping, and Meter in Selected Settings of Edna St. Vincent Millay

Dissertation Chair: Paul S. Richards

Dissertation Co-Chair: Rich Pellegrin

### **Ashley Nicole Krause**

Major: *Psychology*

Dissertation: "It's Not Much of a Cheese Shop, Is It?": Investigating the Impact of the Place Resonance Hypothesis on Psychological Well-Being

Dissertation Chair: Gregory Daniel Webster

### **Abhishek Mayuresh Kulkarni**

Major: *Human-Centered Computing*

Dissertation: Designing and Evaluating AI-Driven Pedagogical Conversational Agents for Interest-Based Learning at Scale

Dissertation Chair: Sharon Lynn Chu Yew Yee

### **Beatrice Mulondo Kyasiimire**

Major: *Interdisciplinary Ecology—Wildlife Ecology and Conservation*

Dissertation: Alternative Livelihoods, Enabling Conditions and Community Attitudes Towards Conservation: Insights From the Queen Elizabeth Conservation Area, Uganda

Dissertation Chair: Mark E. Hostetler

**Yanwen Lai**

Major: *Electrical and Computer Engineering*

Dissertation: Modeling and Reduction of Radiated EMI for Non-Isolated Power Converters in Automotive Applications

Dissertation Chair: Shuo Wang

**John D. Langhout**

Major: *Materials Science and Engineering*

Dissertation: Hierarchical Structure Effects in Functional Materials

Dissertation Chair: Megan M. Butala

**Taylor Rose Lansberry**

Major: *Biomedical Engineering*

Dissertation: Engineering a Multi-Therapeutic, 3D-Printed Scaffold for Local Immunoprotection and Favorable Engraftment of Pancreatic Islets for Treatment of Type 1 Diabetes

Dissertation Chair: Cherie Stabler

**Christine Le Jeune**

Major: *Anthropology*

Dissertation: Tourism Imaginaries and the Transformation of Alpine Landscapes

Dissertation Chair: Catherine M. Tucker

**Anne Marie Levendusky**

Major: *Curriculum and Instruction—Science Education*

Dissertation: Cultivating Emotionally Resilient Science Educators

Dissertation Chair: Kent J. Crippen

**Dakota Michelle Lewis**

Major: *Interdisciplinary Ecology—Fisheries and Aquatic Sciences*

Dissertation: From Interactions to Impacts: Quantifying Coral Reef Community Responses to Disturbance

Dissertation Chair: Andrew Harlan Altieri

**Boyuan Li**

Major: *Business Administration—Finance*

Dissertation: Essays in Financial Economics

Dissertation Chair: Joel F. Houston

**Peixin Li**

Major: *Business Administration—Finance*

Dissertation: Essays on Empirical Corporate Finance

Dissertation Chair: Christopher James

**Tianyan Li**

Major: *Chemistry*

Dissertation: How Charge Patterning Impacts the Conformational Ensembles of Intrinsically Disordered Proteins

Dissertation Chair: Gail E. Fanucci

**Yuan Li**

Major: *Rehabilitation Science*

Dissertation: Interpretable Temporal Sleep Phenotyping Using Longitudinal Wearable Data: Evidence Synthesis, Longitudinal Modeling, and Machine Learning

Dissertation Chair: Hongwu Wang

**Jia-Yi Ling**

Major: *Agricultural and Biological Engineering*

Dissertation: Streamflow Forecasting in West-Central Florida Using Machine Learning

Dissertation Chair: Nikolay A. Bliznyuk

**Qinyin Ling**

Major: *Botany*

Dissertation: Comprehensive Analysis of Alternative Splicing in Plants

Dissertation Chair: William Bradley Barbazuk

### **Qipeng Liu**

Major: *Design, Construction and Planning—Construction Management*

Dissertation: *How Building Occupants Perceive and Utilize Information From Dynamic Intelligent Wayfinding Guidance Systems*

Dissertation Chair: Rui Liu

### **Junaid Mushtaq Lone**

Major: *Forest Resources and Conservation—Geomatics*

Dissertation: *Sustainable Agriculture Through Soil and Water Conservation Monitoring; Applications of LiDAR, Timeseries InSAR, and Intermittent Irrigation*

Dissertation Chair: Amr H. Abd-Elrahman

Dissertation Co-Chair: Shinsuke Agehara

### **Gerardo Alfonso Lopez Diaz**

Major: *Research and Evaluation Methodology*

Dissertation: *Exploring a Nonparametric Composite Group DIF Index by Using a Polytomous Items Approach*

Dissertation Chair: Corinne Manley

### **Megan E. Lott**

Major: *Chemistry*

Dissertation: *Reversible Deactivation Radical Polymerizations in Dispersed Systems and the Development of Sustainable Materials*

Dissertation Chair: Brent S. Sumerlin

### **Rigan Louis**

Major: *Nursing Sciences*

Dissertation: *Emergence and Endemicity of Arboviruses in Haiti, and Their Implications for Maternal, Fetal, and Infant Health*

Dissertation Chair: Leslie Ann Parker



**Matthew W. Loving**

Major: *Romance Languages—French and Francophone Studies*

Dissertation: *Fantastic Distortion: Charles Nodier and the Poetics of the Lie*

Dissertation Chair: Brigitte Weltman-Aron

**Caitlin Eileen Christina Lunzmann**

Major: *Agricultural Education and Communication*

Dissertation: *Taking the Reins: The Impact of Horse-Human Bonds and Experiences on Youth Development*

Dissertation Chair: Nicole Stedman

**Carley Victoria Lutzow**

Major: *Youth Development and Family Sciences*

Dissertation: *Nutrition Behavior Determinants of Collegiate Female Cross-Country Athletes*

Dissertation Chair: Catherine Galko Campbell

**Jing Lyu**

Major: *Curriculum and Instruction—Languages and Literacies in Education*

Dissertation: *Email Communication as a Social Literacy Practice: Navigating Academic Interactions of Chinese International Doctoral Students Under the American Education System*

Dissertation Chair: Angela Marie Kohnen

**Michael Macisaac**

Major: *Mechanical Engineering*

Dissertation: *Physics-Informed Machine Learning for Multiscale Material Mechanics*

Dissertation Chair: Ghatu Subhash

**Hima Varsha Madala**

Major: *Agronomy*

Dissertation: *Optimizing Sugarcane (*Saccharum* spp.) Tillering and Ratooning Potential in Florida: Integrating Molecular, Physiological, and Agronomic Practices*

Dissertation Chair: Hardev Singh Sandhu

**Christiano Marconi**

Major: *Medical Sciences—Cancer Biology*

Dissertation: *SARS-CoV-2 mRNA Vaccines Sensitize Tumors to Immune Checkpoint Inhibitors*

Dissertation Chair: Elias Sayour

**Natalie Martinez**

Major: *Medical Sciences—Cancer Biology*

Dissertation: *Defining Key Histological and Genetic Features of Malignancies Associated With Murine Gammaherpesvirus Infection*

Dissertation Chair: Scott Tibbetts

**Yisel Martinez Noa**

Major: *Chemistry*

Dissertation: *From Molecular Mechanics to Machine Learning: Computational Frameworks for Peptide Modeling and Design*

Dissertation Chair: Alberto Perez Antonanzas

**Abigail Patricia Masterson**

Major: *Health and Human Performance—Health Behavior*

Dissertation: *Examining Risk Factors for and Sexual Consequences of Bisexual+ Women's Alcohol Use*

Dissertation Chair: Liana Hone

**Christopher M. Mauldin**

Major: *Mechanical Engineering*

Dissertation: *Estimation of Tractive Performance via Discontinuous, Internal Measurement of Deflection for Agricultural Tire on Soft Surfaces*

Dissertation Chair: Carl D. Crane III

Dissertation Co-Chair: John Kenneth Schueller

**Andrew Heath Maxim**

Major: *Human-Centered Computing*

Dissertation: How Vocal Characteristics Shape Voice Naturalness, Realism, and Behavioral Intention in Virtual Health Communication

Dissertation Chair: Benjamin Lok

**Peter Esenju Mbua**

Major: *Electrical and Computer Engineering*

Dissertation: A Graph-Theoretic Synthesis Framework for Heterogeneous Chiplet-Based Edge AI Systems

Dissertation Chair: Christophe Bobda

Dissertation Co-Chair: Baibhab Chatterjee

**Lindsay Elise McElhattan**

Major: *Educational Leadership—Educational Policy*

Dissertation: Facility Dog Program Policies and Procedures: A Case Study

Dissertation Chair: Christopher Thomas

**Jared Curtis McKee**

Major: *Curriculum and Instruction—Languages and Literacies in Education*

Dissertation: Reflections on Essential Dispositions to Teach Multilingual Learners: A Comparative Case Study of Four Pre-Service Teachers' Perspectives

Dissertation Chair: Mark Pacheco

**Qaim Mehdi**

Major: *Veterinary Medical Sciences—Toxicology*

Dissertation: A Comprehensive Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Accumulation Profiles, Maternal Transfer, Whole-Body Burden, and Temporal-Trends in Marine and Terrestrial Predators

Dissertation Chair: John Alfred Bowden

**Laurel Elise Meke**

Major: *Zoology—Animal Molecular and Cellular Biology*

Dissertation: Metabolites That Facilitate Marine Phytoplankton-Bacterial Interactions

Dissertation Chair: Bryndan P. Durham

**Arya Gayathri Memana**

Major: *Mathematics*

Dissertation: Szegő-Type Limit Theorems in Analytic Function Spaces

Dissertation Chair: Michael T. Jury

**Francisco Mendez Trujillo**

Major: *Astronomy*

Dissertation: Like Star, Like Planet: A Spectroscopic Analysis of Stellar Atmospheres and Their Link to the Planets They Host

Dissertation Chair: Rana Ezzeddine

**Gulchiroy Solijonovna Mirzajonova**

Major: *Interdisciplinary Ecology*

Dissertation: The Exposome and Child Cognitive Development: Investigating the Environment's Role in Child Health

Dissertation Chair: Sarah Lindley McKune

**Madison Windham Moore**

Major: *Agricultural and Biological Engineering*

Dissertation: Agricultural Injury Surveillance in Florida: Utilizing Vehicular Crash Data and Electronic Health Records

Dissertation Chair: Serap Gorucu

Dissertation Co-Chair: Nikolay A. Bliznyuk

**Jonel Raven Marie Morris**

Major: *Biomedical Engineering*

Dissertation: Electrocortical Dynamics of Intermittent Visual Occlusions in Locomotion and Posture Control

Dissertation Chair: Daniel Perry Ferris

**Luke Lawlor Morris**

Major: *Computer Science*

Dissertation: Multiphysics Modeling in the Discrete Exterior Calculus

Dissertation Chair: James P. Fairbanks

**Mba-Tihssommah Mosore**

Major: *Entomology and Nematology*

Dissertation: Exploring Mosquito-Plant Interactions in Florida With Metabarcoding and Other Tools

Dissertation Chair: Edwin R. Burgess IV

**Eva Liantina Mulandesa**

Major: *Plant Pathology*

Dissertation: Flush Cycle Dynamics, Epiphytic Growth, and Fungicide Sensitivity of *Zasmidium citri-griseum*, The Causal Agent of Citrus Greasy Spot in Florida

Dissertation Chair: Megan M. Dewdney

**Noah D. Mullens**

Major: *English*

Dissertation: Valuing Children's Literature: Case Studies on Three Research Collections

Dissertation Chair: Kenneth B. Kidd

**Andres Felipe Munoz Gomez**

Major: *Economics*

Dissertation: Essays on Political Economics and Antitrust Market Analysis

Dissertation Chair: Robert M. Ainsworth

**Melissa Erin Munzen**

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: Cellular Dynamics of *Cryptococcus neoformans* Brain Infection: Characterizing Host Defense and Therapeutic Opportunities

Dissertation Chair: Luis R. Martinez

**Michael Murphy**

Major: *Design, Construction and Planning—Historic Preservation*

Dissertation: Heritage Building Maintenance Management: Evaluating Implementation of Preservation Philosophy Into Practice at the University of Florida

Dissertation Chair: Cleary Larkin

Dissertation Co-Chair: Vandana Baweja

**Jesse J. Murray**

Major: *Plant Breeding*

Dissertation: Exploring the Phytochemical Content of Lettuce Associated With the Extension of Shelf-Life Throughout the Florida Growing Season

Dissertation Chair: German V. Sandoya Miranda

Dissertation Co-Chair: Gilles J. Basset

**Nasrin Nahar**

Major: *Design, Construction and Planning—Urban and Regional Planning*

Dissertation: An Integrated Approach to Understanding Pedestrian Crashes in Underserved Communities: Factors, Implications, and Interventions

Dissertation Chair: Emre Tepe

Dissertation Co-Chair: Ilir Bejleri

**Mukundhan Narasimhan**

Major: *Civil Engineering*

Dissertation: Sequential Truck Platoon Formation in Mixed Traffic Using Multiple Spring Mass Damper Systems: Modelling, Analysis, Parameter Estimation, and Experiments

Dissertation Chair: Lili Du

Dissertation Co-Chair: Scott Stuart Washburn

**Saleh Amr Naseer**

Major: *Design, Construction and Planning—Architecture*

Dissertation: Understanding and Measuring Sonic Experience Through Quality-of-Life Domains: Development and Testing of the SE-QL Subjective Assessment Questionnaire

Dissertation Chair: Hassan Azad

**Nicole Marie Nazario-Maldonado**

Major: *Veterinary Medical Sciences*

Dissertation: Investigating the Interactions of Inflammation, Coagulation, and Oxidative Stress in Cerebral Malaria, Placental Malaria, and Malaria-Associated Acute Distress Syndrome

Dissertation Chair: Julie M. Moore

**Ovidiu Nechita**

Major: *Mathematics*

Dissertation: Hybrid Continuous and Discrete Methods for the Vertex Separator Problem

Dissertation Chair: William Ward Hager

**Neelawala Gedara Roshen Niyomal Neelawala**

Major: *Veterinary Medical Sciences—Animal Molecular and Cellular Biology*

Dissertation: Evaluation of a Novel *Salmonella* Vaccine Candidate: Immunogenicity and Efficacy in Layer Chickens

Dissertation Chair: Subhashinie Kariyawasam

**Mary Ifeoma Nwanua**

Major: *Civil Engineering*

Dissertation: Drones Overhead: A Phenomenological Study of Construction Workers' Attitudes and Vulnerability in Shared Workspaces

Dissertation Chair: Denise R. Simmons

**Alberto Jose Ochoa Fernandez**

Major: *Agricultural Education and Communication*

Dissertation: Exploring the Influence of Changes in Accreditation Processes on Community Engagement in Chilean State Universities: A Qualitative Multiple-Case Study

Dissertation Chair: Matthew J. Sowcik

**Cassandra Anita O'Hara**

Major: *Psychology*

Dissertation: Culturally Responsive Digital Contingency Management for Smoking Cessation Among LGBTQ+ People

Dissertation Chair: Corina Jimenez-Gomez

**Flinn Martin O'Hara**

Major: *Entomology and Nematology*

Dissertation: Discovery of Novel Toxicants and Antifeedant Insecticides Targeting Hemipteran Pest Insects

Dissertation Chair: Daniel R. Swale

**Tinuade A. Okebukola**

Major: *Rehabilitation Science—Neuromuscular Plasticity*

Dissertation: Biomechanics and Recovery of Trunk Control During Walking After Human Spinal Cord Injury

Dissertation Chair: Emily J. Fox

**Daniel J. Olszewski**

Major: *Computer Science*

Dissertation: Towards Building Reproducible Outcomes for the Security Community

Dissertation Chair: Patrick Traynor

**Anaïs Alexandra Ortiz**

Major: *Psychology*

Dissertation: The Psychology of Transformative Experience

Dissertation Chair: Gregory Daniel Webster

**Tala V. Ortiz**

Major: *Medical Sciences—Neuroscience*

Dissertation: Vaccine Approach for C9orf72 Amyotrophic Lateral Sclerosis/Frontotemporal Dementia (C9-ALS/FTD)

Dissertation Chair: Laura Page Whitmore Ranum

**Gentry Earle O'Steen**

Major: *Special Education*

Dissertation: *Evaluating Teachers' Corrective Feedback Implementation During UFLI Foundations Reading Instruction*

Dissertation Chair: Holly Lane

**James Donald Overmeyer Jr.**

Major: *Electrical and Computer Engineering*

Dissertation: *Phononically Enhanced Imager: High Performance Thermoelectric Infrared Imager Enabled by Phononic MEMS Technology*

Dissertation Chair: Yong-Kyu Yoon

**Junha Park**

Major: *Biomedical Engineering*

Dissertation: *Sweet Corn-Derived Phytoglycogen: A Versatile Stabilizing Excipient Streamlining Formulation Process*

Dissertation Chair: Gregory Hudalla



**Normarieli Marie Passalacqua Alvarado**

Major: *Materials Science and Engineering*

Dissertation: Oxidation Induced Epitaxy of  $\text{Si}_{1-x}\text{Ge}_x$  on Si and Applications of  $\text{Si}_{1-x}\text{Ge}_x\text{Si}$  Superlattices in High Speed Resonators

Dissertation Chair: Kevin S. Jones

**Andrew Kix Patterson**

Major: *Mass Communication*

Dissertation: How We Report Today is the Historical Representation of Tomorrow: A Past, Present and Future Look at LGBTQ+ Representation in News Photography, Historical Remembrance and Ethical Reporting

Dissertation Chair: Roxane Coche

**Yuanzhe Peng**

Major: *Electrical and Computer Engineering*

Dissertation: Distributed Learning and Optimization in Multimodal Systems

Dissertation Chair: Jie Xu

**Joshua David Perlin**

Major: *Psychology*

Dissertation: *Lex orandi, Lex narrandi*: Anglican Socioecologies and the Narrative Drama of Christian Identity

Dissertation Chair: Erin Westgate

**Enzo Petracco**

Major: *Chemistry*

Dissertation: NMR-Based Molecular Insights Into Fragment-Based Drug Design for GPCRs and Tuning of High-Value Molecules and Polymers From Agronomical Waste

Dissertation Chair: Matthew T. Eddy

**Tuyen Quoc Pham**

Major: *Mathematics*

Dissertation: Efficient Tools for the Geometric and Topological Analysis of Machine Learning Models

Dissertation Chair: Hubert Wagner

**Hoang Duc Pho**

Major: *Music—Composition*

Dissertation: Communicating Multiple Equal Tuning Systems: A New Nomenclature Expressing Pitches and Intervals

Dissertation Chair: James Paul Sain

**Luna Arsinoe Pittet Gonzalez**

Major: *Mass Communication*

Dissertation: Defining, Integrating, and Expanding Disaster Communication

Dissertation Chair: Myiah Hutchens

**Connor Shelton Pope**

Major: *Chemical Engineering*

Dissertation: Surface Modification of  $\text{IrO}_2(110)$  for Enhanced Ethylene Selectivity and Mechanistic Insight Into Alkane Oxidation

Dissertation Chair: Jason F. Weaver

**Varshitha Prasanna**

Major: *Interdisciplinary Ecology—Agricultural and Biological Engineering*

Dissertation: Integrated Field, Modeling, and UAV-Based Approaches for Optimizing Irrigation and Nitrogen Management in Potato Production on Sandy Soils

Dissertation Chair: Vivek Sharma

**Ivy Brienne Price**

Major: *Anatomical Sciences Education*

Dissertation: The Anatomy of Remediation: Exploring How Occupational and Physical Therapy Anatomy Educators Implement Remediation and Define Student Success

Dissertation Chair: Daniel B. Topping

Dissertation Co-Chair: Lauren Nicole Butaric

**Renee Alexandra Price**

Major: *Environmental Engineering Sciences*

Dissertation: Understanding How Reference Wetland Variation Informs Ecological Recovery Targets and Monitoring Strategies in Florida Wetlands

Dissertation Chair: David Andrew Kaplan

**Ian Alexander Pshea-Smith**

Major: *Geography*

Dissertation: Modeling Vector Ecologies Using Frameworks From Geography, Community Ecology, and Public Health

Dissertation Chair: Jason K. Blackburn

**Andres Pulido**

Major: *Mechanical Engineering*

Dissertation: Sensor-Based Uncertainty-Aware Planning Under Intermittent and Uncertain Sensing Environment

Dissertation Chair: Douglas Edward Spearot

Dissertation Co-Chair: Jaejeong Jane Shin

**Bianca Abiola Punch**

Major: *Public Health—Environmental Health*

Dissertation: Modeling Present and Future Habitat Suitability of Ticks of Medical and Veterinary Health Importance in Sub-Saharan Africa

Dissertation Chair: Michael Emery von Fricken

**Pranshu Puri**

Major: *Chemistry*

Dissertation: Synthesis of Lead Selenide Magic-Sized Clusters and Quantum Dots: Insights Into Atomic Structure, Reaction Kinetics, and Optical Properties

Dissertation Chair: Chenjie Zeng

**Stephan Quintin**

Major: *Medical Sciences—Neuroscience*

Dissertation: C-Terminal Truncation of Alpha-Synuclein: Cellular Processing, Human Disease, and Experimental Models

Dissertation Chair: Benoit Giasson

**Tanvir Rahman**

Major: *Electrical and Computer Engineering*

Dissertation: Emulation Based SoC Security Verification Against Fault Injection Attacks at RTL Level

Dissertation Chair: Mark Tehranipoor

Dissertation Co-Chair: Fahim Rahman

**Suriya Narayanan Ramasubramanian**

Major: *Chemical Engineering*

Dissertation: Elucidating Structure-Function Relationships in IrO<sub>2</sub>-Based Mixed Oxide Catalysts

Dissertation Chair: Jason F. Weaver

**Neha Rawal**

Major: *Physics*

Dissertation: Higgs Boson Mass Measurement Using  $H \rightarrow ZZ \rightarrow 4l$  Channel With the CMS Detector and Assessing the Longevity of CMS Cathode Strip Chambers via in situ Gas Gain Stability Monitoring

Dissertation Chair: Andrey Korytov

**Miranda Jane Reid**

Major: *Medical Sciences—Health Outcomes and Implementation Science*

Dissertation: Evaluating an Outreach Strategy to Improve the Uptake of Shared Decision-Making for Lung Cancer Screening

Dissertation Chair: Ramzi George Salloum

**Keaton August Michael Reiners**

Major: *Medical Sciences—Medical Physics*

Dissertation: Advancements in Proton Therapy for Head and Neck Cancer: LETd Optimization, CBCT-based Dose Monitoring for Adaptive Therapy, and Imaging Dose Refinement

Dissertation Chair: Yawei Zhang

**Victoria Ribeiro Rodrigues**

Major: *Electrical and Computer Engineering*

Dissertation: *Parametric Decomposition of Respiratory Waveforms for Understanding Load Compensation and Non-Invasive Work of Breathing Assessment*

Dissertation Chair: Nicholas Napoli

**Raela B. Ridley**

Major: *Medical Sciences—Genetics*

Dissertation: *Elucidating the Role of RelA and Stat3 in Retinal Microglia Activity and Gene Expression*

Dissertation Chair: Cristhian J. Ildefonso

Dissertation Co-Chair: W. Clay Smith



**Arianna Donatella Rivera**

Major: *Materials Science and Engineering*

Dissertation: Investigation of Novel In-Situ Native Oxide Clean Pre-Treatment on Point Defect Population in Ultra-Shallow Ion-Implanted Silicon

Dissertation Chair: Kevin S. Jones

**Carol Rodriguez Gutierrez**

Major: *Religion—Women's/Gender Studies*

Dissertation: Community, Religion and Food: Exploring Jain Identity in the Diaspora

Dissertation Chair: Vasudha Narayanan

**George V. Roman**

Major: *Mathematics*

Dissertation: Determinants of Random Unitary Pencils

Dissertation Chair: Michael T. Jury

**Zachariah Alexander Ross**

Major: *Mathematics*

Dissertation: A Schauder Basis for Multiparameter Persistence and Persistence Variants

Dissertation Chair: Peter Bubenik

**Florian Roth**

Major: *Health and Human Performance—Biobehavioral Science*

Dissertation: Psychophysiological Mechanisms of Emotion and Performance During Cold-Water Snorkel Immersion

Dissertation Chair: Christopher M. Janelle

**Michael Taylor Rua**

Major: *Health and Human Performance—Exercise Physiology*

Dissertation: Mitochondrial Calcium Uniporter Downregulation and Concurrent Exercise Training Preserves Respiratory Muscle Function of SOD1<sup>G93A</sup> ALS Mice

Dissertation Chair: Lan Wei-LaPierre

**Cecilia Rubert Heller**

Major: *Horticultural Sciences*

Dissertation: Roots of Change: How Rootstocks Help Build Sustainability in Blueberry Physiology and Production

Dissertation Chair: Gerardo Nunez

Dissertation Co-Chair: Jeffrey G. Williamson

**Sheila Angela Sagar**

Major: *Astronomy*

Dissertation: The Orbital Dynamics of Exoplanets in the Context of the Milky Way Galaxy

Dissertation Chair: Sarah Ballard

**Aditya De Saha**

Major: *Mathematics*

Dissertation: Geometric Invariants of Discrete Groups

Dissertation Chair: Alexander Dranishnikov

**Shuvagata Saha**

Major: *Electrical and Computer Engineering*

Dissertation: Emulation-Based System-Level Security Verification

Dissertation Chair: Mark Tehranipoor

**Yasmeen Ahmad Saleem**

Major: *Soil, Water, and Ecosystem Sciences*

Dissertation: Biochar-Amended Pine Bark Media for Southern Highbush Blueberry Under Reclaimed Water Irrigation: Growth, Soil-Root-Zone Chemistry, and Solute Leaching

Dissertation Chair: Davie Mayeso Kadyampakeni

Dissertation Co-Chair: Shinsuke Agehara

**Jenifer Tatiana Salinas Reyes**

Major: *Geology—Climate Science*

Dissertation: Changes in Mineral Weathering Following Glacial Retreat Revealed by Radiogenic Isotopes and Trace Elements

Dissertation Chair: Ellen Eckels Martin

Dissertation Co-Chair: Jon Martin

**Siddharth Sambamoorthy**

Major: *Chemical Engineering*

Dissertation: Phoretic Motion of Colloids in Porous Media

Dissertation Chair: Anthony J. Ladd

**Jacqueline Marie Sanson**

Major: *Genetics and Genomics*

Dissertation: The Effect of Testosterone on Female Genitourinary Health: The Female Urethra and Vagina

Dissertation Chair: Martin J. Cohn

**Pantha Protim Sarker**

Major: *Electrical and Computer Engineering*

Dissertation: Enhancing Physical Security in System-on-Chip (SoC) Designs Through Fault Injection Modeling, Mitigation, and Authentication

Dissertation Chair: Mark Tehranipoor

**Giovanna N. Scatolin**

Major: *Animal Sciences*

Dissertation: Molecular and Cellular Programs of Bovine Peri-Implantation Development

Dissertation Chair: Zongliang (Carl) Jiang

**Zoe Elizabeth Schaefer**

Major: *Biomedical Engineering*

Dissertation: An Integrative Proteomic Framework for Identifying Epigenetic Drivers of Trained Immunity

Dissertation Chair: Ivana Kennedy Parker

**Darren Schmidt**

Major: *Mathematics*

Dissertation: Ekedahl-Oort Types and Newton Polygons of Special Families of Curves

Dissertation Chair: Jeremy Booher

**Troy Ransom Scoggins IV**

Major: *Chemistry*

Dissertation: Probing Isomeric Lipids via Gas-Phase Reactions and Enrichment

Dissertation Chair: Boone M. Prentice

**Jacob Scott**

Major: *Zoology*

Dissertation: Understanding the Evolution of Mammalian Digit Loss in Its Native Context

Dissertation Chair: Martin J. Cohn

**Edward Seh-Taylor**

Major: *Anthropology*

Dissertation: A Mixed Methods Investigation of Community Engagement in Translational Research: The University of Florida-Florida State University Clinical and Translational Science Award

Dissertation Chair: Christopher McCarty

**Kent Jeffrey Semmen**

Major: *Fisheries and Aquatic Sciences*

Dissertation: Cutting Edge Technologies and Applications for Recirculating Aquatic Systems of the Epcot Seas Aquarium

Dissertation Chair: Gretchen Lescord

Dissertation Co-Chair: Ruth Francis-Floyd

**Sroyon Sengupta**

Major: *Mathematics*

Dissertation: Duality Between Prime Factors and Between Prime Ideals and Their Implications in Number Theory

Dissertation Chair: Krishnaswami Alladi

**Danielle Drew Sensabaugh**

Major: *Art History*

Dissertation: The Virtues of Being a Girl: The Construction of Female Childhood and Adolescence in French Visual Culture, c. 1740–1815

Dissertation Chair: Melissa Hyde

**Courtney Margaret Louise Sever**

Major: *Chemistry*

Dissertation: Double Tethered Metallacyclobutanes and Subsequent Reactivity

Dissertation Chair: Adam Steven Veige

**Neeka Sewnath**

Major: *Zoology*

Dissertation: Deciphering Ancient to Modern Animal Domestication Histories Through Computational Genomic Inference

Dissertation Chair: Robert Guralnick

**Goshtasb Shahriari Mehr**

Major: *Design, Construction and Planning*

Dissertation: Spatial and Behavioral Dynamics of Food Access: An Agent-Based Modeling Approach for Health Zone 1 Communities in Jacksonville

Dissertation Chair: Jason Kyle von Meding

**Jennifer M. Sheldon**

Major: *Computer Science*

Dissertation: Improving Security Models of Emerging Critical Infrastructures Deployed in Harsh, Isolated Environments to Defend Against Physical Attacks

Dissertation Chair: Sara Rampazzi

**Iris Yang Shi**

Major: *Mathematics*

Dissertation: Artin Schreier Curves With Minimal  $\alpha$ -Number

Dissertation Chair: Jeremy Booher

**Shang Shi**

Major: *Electrical and Computer Engineering*

Dissertation: Cross-Layer Security for Battery-Dependent Systems: Vulnerability Analysis and Defense From High-Level Synthesis to Li-ion BMS

Dissertation Chair: Mark Tehranipoor

Dissertation Co-Chair: Farimah Farahmandi

**Tierney Lee Shimansky**

Major: *Geography—Tropical Conservation and Development*

Dissertation: Exploring the Intersection of People, Wildlife, and Governance: Insights From the Development and Implementation of a Household-Level Survey in Namibian Conservancies

Dissertation Chair: Brian Anthony Child

**Jooyong Shin**

Major: *Chemical Engineering*

Dissertation: Engineering Structural Properties of Globular Protein Vesicles Toward Artificial Cell Development

Dissertation Chair: Yeongseon Jang

**Jacob S. Shine**

Major: *Nutritional Sciences*

Dissertation: Intestinal Heme Iron Metabolism in the Rat

Dissertation Chair: James F. Collins

**Jasdeep Singh**

Major: *Horticultural Sciences*

Dissertation: Developing and Evaluating Frameworks to Lift the Ceiling of Predictability in Sorghum Breeding by Fusing Symbolic and Sub-Symbolic AI

Dissertation Chair: Carlos D. Messina

**Komalpreet Singh**

Major: *Environmental Engineering Sciences*

Dissertation: From Reactive to Proactive Public Health: Assessing Coastal Vibriosis Risk With Satellite Data Using Machine Learning and GeoAI

Dissertation Chair: Antarpreet Singh Jutla

**Rakesh K. Singh**

Major: *Agricultural and Biological Engineering*

Dissertation: Nitrogen Fate in Sprinkler-Irrigated Maize on Coarse-Textured Soils: Integration of Field Measurements, Process-Based Simulation, and Long-Term Hydroclimatic Risk

Dissertation Chair: Vivek Sharma

**Thomas Dillon Sinkway**

Major: *Chemistry*

Dissertation: Development of Analytical Methods for Expanding the Landscape of Emerging Chemical Threats

Dissertation Chair: John Alfred Bowden

**John Siu**

Major: *Aerospace Engineering*

Dissertation: Accelerometer Mode and Charge Measurements of a New Space Inertial Sensor for Earth Geodesy

Dissertation Chair: John Conklin

**Bassam M. Smadi**

Major: *Biomedical Engineering*

Dissertation: Advanced Regenerative Peripheral Nerve Interfaces

Dissertation Chair: Jack William Judy

**Andrew Smith**

Major: *Psychology*

Dissertation: Modern Fluency

Dissertation Chair: Iser Guillermo DeLeon

**Anthony Jude Smith**

Major: *Classical Studies*

Dissertation: Looking Forward, Looking Back: Katabasis on Contemporary Stages

Dissertation Chair: Jennifer Ann Rea

**Audrey Culver Smith**

Major: *Geography—Tropical Conservation and Development*

Dissertation: Ethiopia's Evolving Landscapes: Regional Dynamics of Urban Expansion, Biodiversity, and Forest Loss

Dissertation Chair: Jane Southworth

**Justin Andrew Smith**

Major: *Chemistry*

Dissertation: Investigations of Pyrrolidone Moieties in Polymer Main Chains and Their Effects on Thermal and Hydrolytic Properties

Dissertation Chair: Stephen Albert Miller

**Leslie Anne Smith**

Major: *Computer Science*

Dissertation: Equitable Machine Learning Counteracts Ancestral Bias in Disease Genomics

Dissertation Chair: Kiley Graim

**Sarah Katherine Snowmann**

Major: *Political Science*

Dissertation: Governance, Ethnicity, and Moderation: An Investigation of the Impact of Government Inclusion on Ethnic Political Parties

Dissertation Chair: Amie Kreppel

**Alan Dong Sun Sohn**

Major: *Business Administration—Accounting*

Dissertation: How Do U.S. Tax Subsidies for Foreign Firms Affect Their U.S. Peer Firms?

Dissertation Chair: Michael A. Mayberry

**Chatchamarn Soonhuae**

Major: *Health and Human Performance—Exercise Physiology*

Dissertation: Effect of Beet Juice Supplementation on Vascular Function in Older Adults With Coronary Artery Disease

Dissertation Chair: Demetra D. Christou

**Stephanie Diane Stoutamire**

Major: *Agricultural Education and Communication*

Dissertation: Exploring and Enhancing College Students' Engagement With Nature

Dissertation Chair: Sadie Hundemer

**Hunter Forrest Strickland**

Major: *Plant Molecular and Cellular Biology*

Dissertation: Plant Cell Wall Responses to Spaceflight Environments

Dissertation Chair: Rob Ferl

Dissertation Co-Chair: Anna-Lisa Paul

**Preethi Sudhakara**

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: Microbial Guardians of the Gut: Designing and Defining Protective Mouse Microbiota Against *Clostridioides difficile* Infection

Dissertation Chair: Gary P. Wang

**Christy Cecilia Veronica Suhendy**

Major: *Horticultural Sciences—Environmental Horticulture*

Dissertation: Urban Forest Impact on Physical and Mental Health: A Green Space Study in Florida

Dissertation Chair: Andrew Koeser

Dissertation Co-Chair: Ryan William Klein

**Ginelle Rebecca Sukhu**

Major: *Sociology*

Dissertation: Examining Social Capital and Resilience Among Homeless Adults

Dissertation Chair: Tanya Koropecyk-Cox

Dissertation Co-Chair: Barbara Zsembik

**Jiaqi Sun**

Major: *Mechanical Engineering*

Dissertation: Finite Temperature Dependent Kinetics of Dislocation at Meso-Scale: Peierls Stress and Thermal Resistance

Dissertation Chair: Youping Chen

**Yao Sun**

Major: *Electrical and Computer Engineering*

Dissertation: Speech Recognition With Multivariate Statistical Dependence Features

Dissertation Chair: José C. Principe

**Kayla Jean Sutcliffe**

Major: *Curriculum and Instruction*

Dissertation: From Past to Practice: An Interpretative Phenomenological Analysis of Veteran Florida Elementary Teachers' Experiences With Traditional and Reform-Oriented Mathematics

Dissertation Chair: Melissa Marie Soto

**Taylor Nicole Swanson**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Understanding the Roles of Sleep Duration, Caloric Intake, and Physical Activity in Long-Term Weight Loss Maintenance

Dissertation Chair: Kathryn Marie Ross

**Symeon Taipliadis**

Major: *Economics*

Dissertation: Information, Identification, and Intervention: Three Essays in Applied Macroeconomics

Dissertation Chair: Jonathan Adams

**Elnaz Tajabadi Ebrahimi**

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: *DNA Methylation as Biomarkers in Pain Research: Comparative Analysis of Tissue Types and Sample Collection*

Dissertation Chair: *Yenisel Cruz-Almeida*

**Taofeek Olajuwon Tejuosho**

Major: *Chemical Engineering*

Dissertation: *Dispersivity Guided Design of Polymer Materials Using Molecular Simulations: From Fundamentals to Applications at the Polymer Interface*

Dissertation Chair: *Janani Sampath*

**Natalia Sofia Teryda**

Major: *Interdisciplinary Ecology—Wildlife Ecology and Conservation*

Dissertation: *Identifying Strategies for Conservation of the Marine Turtles in Argentina and Uruguay, South America*

Dissertation Chair: *Raymond R. Carthy*

**Furtuna Girmay Tewolde**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: *Examining Measurement of Clinical Outcomes in Severe Traumatic Brain Injury: Analysis Approaches for the GOS-E, DRS, and Mortality*

Dissertation Chair: *Shelley C. Heaton*

Dissertation Co-Chair: *Michael Marsiske*



**Deborah Tharp**

Major: *Forest Resources and Conservation*

Dissertation: Modelling Invasive Plant Spread in Hyper-Local Settings

Dissertation Chair: Michael G. Andreu

**Julian Tobon-Arosemena**

Major: *Medical Sciences—Cancer Biology*

Dissertation: Identification and Characterization of a Novel Gene, C17orf58, as a Critical Vulnerability in T-Cell Malignancies

Dissertation Chair: Rene Opavsky

**Eric M. Trotman**

Major: *Zoology*

Dissertation: Using a One Health Approach to Assess the Impacts of an Invasive Gastropod, *Lissachatina fulica* (Bowdich, 1822), in Barbados

Dissertation Chair: Nick Keiser

**Sean Michael Turner**

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Assessing Cognitive Functions of the Non-Dominant Cerebral Hemisphere in a Population of Patients With Temporal Lobe Epilepsy

Dissertation Chair: Russell M. Bauer

**Azim Uddin**

Major: *Electrical and Computer Engineering*

Dissertation: Enhancing SoC Trustworthiness Through Security Verification of Hardware IPs

Dissertation Chair: Mark Tehranipoor

**Yogendra Raj Upadhyaya**

Major: *Agronomy*

Dissertation: Optimizing Cotton Yield and Quality: The Role of Cover Crop Decomposition Dynamics, Nitrogen Management, and Weed Control Strategies

Dissertation Chair: Hardeep Singh

Dissertation Co-Chair: Michael J. Mulvaney

**Jeff Arni Cruz Valisno**

Major: *Medical Sciences—Pharmacology and Therapeutics*

Dissertation: Broadening the Paradigm: Vascular Endothelial Cells as Non-Professional Phagocytes in Inflammation-Resolution of Abdominal Aortic Aneurysms

Dissertation Chair: Gilbert R. Upchurch Jr.

**Erin Jessica Vines**

Major: *Youth Development and Family Sciences*

Dissertation: Pathways to Resilience: Exploring Protective Factors for Youth With Incarcerated Parents

Dissertation Chair: Michelle Abraczinskas

**Hsiao-Hsuan Wan**

Major: *Chemical Engineering*

Dissertation: Advanced Semiconductor Material Processing and Device Characterization: From High-Voltage Power Rectifiers to Saliva-Based Cancer Diagnostics

Dissertation Chair: Fan Ren

**Jianfeng Wang**

Major: *Civil Engineering*

Dissertation: Development of a Test to Measure Concrete Permeability Admixture Effectiveness

Dissertation Chair: Kyle Austin Riding

**Jin Wang**

Major: *Animal Sciences*

Dissertation: Utilizing Machine Learning- and Deep Learning-Based Digital Data Analysis to Enhance Precision Livestock Farming

Dissertation Chair: Haipeng Yu

**Xiaoshan Wang**

Major: *Electrical and Computer Engineering*

Dissertation: Privacy Preservation in Distributed Learning Systems

Dissertation Chair: Tan F. Wong

Dissertation Co-Chair: John M. Shea

**Yanning Wang**

Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*

Dissertation: Optimizing Antihypertensive Treatment Strategies for Pregnant Women With Chronic Hypertension

Dissertation Chair: Almut G. Winterstein

**Yehua Wang**

Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*

Dissertation: Pleiotropic Properties of Ticagrelor Among Patients With Acute Coronary Syndrome

Dissertation Chair: Almut G. Winterstein

**Yunong Wang**

Major: *Electrical and Computer Engineering*

Dissertation: Frequency Tuning and Advanced Control of Mechanical Resonators

Dissertation Chair: Philip Feng

**Chloe LaRue Warpinski**

Major: *Anthropology*

Dissertation: Managing Quality: The Politics of Quality Improvement Practices in US Primary Care

Dissertation Chair: Adrienne E. Strong

**Caretia JeLayne Washington**

Major: *Epidemiology—Clinical and Translational Science*

Dissertation: Examining Lung Cancer Screening Outcomes by Clinical Phenotypes of Chronic Obstructive Pulmonary Disease in a Diverse Population

Dissertation Chair: Dejana Braithwaite

**Xiuting Wei**

Major: *Chemistry*

Dissertation: Discovery and Biosynthetic Investigation of Bacterial Diterpenes: Novel Skeletons, Cyclization Mechanisms and Natural Products

Dissertation Chair: Jeffrey Daniel Rudolf

**Elizabeth Anne White**

Major: *Botany*

Dissertation: Parsing Drivers of Biodiversity and Endemism in the North American Coastal Plain Using Novel Methods and Comparative Approaches

Dissertation Chair: Douglas Edward Soltis

Dissertation Co-Chair: Pam Soltis

**Stephen Everett Wormald**

Major: *Electrical and Computer Engineering*

Dissertation: RAPID-XAI: Real-Time, Accurate, Power-Efficient, Interpretable, and Deployable Advancements in Explainable Artificial Intelligence

Dissertation Chair: Damon Lamar Woodard

Dissertation Co-Chair: Domenic J. Forte

**Kylie Wright**

Major: *Psychology*

Dissertation: Effects of Chronic Oxytocin on Pain and Stress in Aging

Dissertation Chair: Natalie C. Ebner

Dissertation Co-Chair: Andreas Keil

**Jiahao Wu**

Major: *Civil Engineering*

Dissertation: Multimodal Human-AI Sensory Integration for Enhanced Trust in Autonomous Drone Systems

Dissertation Chair: Eric Du

**Minxuan Wu**

Major: *Statistics*

Dissertation: Statistical Methodology in Functional Regression and Causal Inference

Dissertation Chair: Joseph L. Antonelli

**Zexu Xi**

Major: *Curriculum and Instruction*

Dissertation: Translanguaging Practice of Chinese International Graduate Students in English Academic Writing

Dissertation Chair: Danling Fu

**LingQin Xue**

Major: *Physics*

Dissertation: Active Galactic Nuclei as Gravitational Wave Source Factories

Dissertation Chair: Imre Bartos

**Anqi Yang**

Major: *Political Science*

Dissertation: Democratization in the Late-Developing World

Dissertation Chair: Zhiyuan Wang

**Junhui Yang**

Major: *Business Administration—Management*

Dissertation: When One Rises: How Spousal Promotions Shape Career Development

Dissertation Chair: Brian W. Swider

**Yirui Yang**

Major: *Electrical and Computer Engineering*

Dissertation: Developing an Electromagnetic Model for Magnetic Components in EMI Analysis in Power Electronics Systems

Dissertation Chair: Shuo Wang

**Christopher Junho You**

Major: *Human-Centered Computing*

Dissertation: A Change in Perspective: Exploring Interaction Paradigms in AI and Virtual Human Systems That Engage the User

Dissertation Chair: Benjamin Lok

**Justin Young**

Major: *Mathematics*

Dissertation: An Exploration of Dynamical Ideals and Permutation Models

Dissertation Chair: Jindrich Zapletal

**Nooshin Yousefzadeh Hosseini**

Major: *Computer Science*

Dissertation: Graph Theory Concepts for Advancing Intelligent Transportation Systems

Dissertation Chair: Sanjay Ranka

**Minji Yun**

Major: *Curriculum and Instruction—Science Education*

Dissertation: Computational Thinking as a Science Practice: Evidence From Unplugged CT-Explicit Modeling of the Human Circulatory System

Dissertation Chair: Kent J. Crippen

**Qingchen Zhang**

Major: *Pharmaceutical Sciences—Clinical Pharmaceutical Sciences*

Dissertation: Pharmacokinetics, Drug Interactions, and Potential Endocrine Effects of Cannabidiol and Cannabis Exposure

Dissertation Chair: John S. Markowitz

**Wanchen Zhao**

Major: *Mathematics*

Dissertation: Wasserstein Stability of Persistence Landscapes and Barcodes and Continuous Persistence Landscapes

Dissertation Chair: Peter Bubenik

**Han Zheng**

Major: *Curriculum and Instruction—Languages and Literacies in Education*

Dissertation: *Constructing and Enacting the Discourse of Science Teachers of Multilingual Learners Through Reflective Practices*

Dissertation Chair: Mark Pacheco

**Yu Zheng**

Major: *Statistics*

Dissertation: *Harnessing Structural Dependence in High-Dimensional Statistics and Bayesian Inference*

Dissertation Chair: Leo Li Duan

**Lingxiao Zhou**

Major: *Statistics*

Dissertation: *Spatio-Temporal Modeling and Causal Inference With Applications to Conflict Data*

Dissertation Chair: Georgia Papadogeorgou



**Meilun Zhou**

Major: *Electrical and Computer Engineering*

Dissertation: Continuous Latent Spaces for Multi-Task Multi-Modal Learning

Dissertation Chair: Alina Zare

**Mingxi Zhou**

Major: *Plant Molecular and Cellular Biology*

Dissertation: BAK1 Phosphorylation in eNAD(P) Signaling and Plant Immunity

Dissertation Chair: Zhonglin Mou

**Xuanya Zhou**

Major: *Curriculum and Instruction—Languages and Literacies in Education*

Dissertation: Storyworlding Against Deficit: Understanding Rural Chinese Students' Counter-Narratives

Dissertation Chair: Angela Marie Kohnen

**Zhimin Zong**

Major: *Electrical and Computer Engineering*

Dissertation: Evolutionary Mechanisms and Diagnostic Potential of Retinal Encoding: A Computational Approach

Dissertation Chair: Ruogu Fang

## DOCTOR OF EDUCATION

---

**Karen Anne Abrams**

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Evaluating the Impact of AI-Driven Tutoring on Academic Outcomes and Engagement in the STEM Guyana Learning Pods Program

Dissertation Chair: Anthony Botelho

**Kelly Agnew**

Major: *Educational Leadership*

Dissertation: Leadership for STEM Education: A Mixed Methods Study Exploring School Administrators' Perspectives

Dissertation Chair: Chris Curran

**Stephanie Joy Barrientos**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: From Perception to Practice: Tracing the Evolution of Teacher Support for Multilingual Learners Through Job-Embedded Professional Learning

Dissertation Chair: Elyse Hambacher

**Portia L. E. Barron**

Major: *Educational Leadership*

Dissertation: Teacher Turnover and Retention: Challenges and Approaches for Principals in Urban Elementary Schools

Dissertation Chair: Christopher Redding

Dissertation Co-Chair: Jennifer Kristen Kent

**Lauren A. Branzei**

Major: *Higher Education Administration*

Dissertation: "I'm Here Now": The Experiences of Women in Undergraduate Game Design and Game Development Degree Programs

Dissertation Chair: Lindsay Byron

**Tyler Dominique Brown**

Major: *Higher Education Administration*

Dissertation: Bridging Barriers: Using Storytelling to Unpack the Educational Pathways and Lived Experiences of Black Women in Undergraduate Public Health Programs

Dissertation Chair: Lindsay Byron

Dissertation Co-Chair: Taryrn Brown

**Jaclyn Don Caceres**

Major: *Educational Leadership*

Dissertation: Faith in the Hiring Process: A Qualitative Study of Teacher Recruitment in Catholic Schools

Dissertation Chair: Christopher Redding

**Brennen Grant Cannon**

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Exploring the Effects of Game-Based Learning on Programming Anxiety in Undergraduate Computer Science Students

Dissertation Chair: Rob Moore

**Jacqueline Kathleen Maroney Davis**

Major: *Higher Education Administration*

Dissertation: Examining Pre-Employment Transition Services and Postsecondary Education Enrollment Among Students With Disabilities

Dissertation Chair: Cliff Haynes

**Javier Dueñas**

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Learning to Use Turnitin™: A Mixed Methods Study of College Writing Faculty Use and Learning of Turnitin™

Dissertation Chair: Swapna Kumar

**Michael Eliadis**

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: The Perception of the Impact of Stress and Anxiety in High-Fidelity Simulation and How It Compares to the Clinical Environment

Dissertation Chair: Nigel Arthur Newbutt

**Jacqueline Epstein**

Major: *Special Education*

Dissertation: Perceived Challenges and Solutions to Extracurricular Activity Participation in Military Children Diagnosed With ADHD

Dissertation Chair: Kyena Elrod Cornelius

**April Rose Esquivel**

Major: *Special Education*

Dissertation: Elementary Educators' Perspectives and Experiences With Universal Dyslexia Screening and the Perceived Barriers and Supports of Timely Identification of Students at Risk of Reading Difficulties, Including Dyslexia: A Qualitative Case Study

Dissertation Chair: Kristi Cheyney-Collante

Dissertation Co-Chair: Valentina Contesse

**Paulina Carolyn Flournoy**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: Teacher Perspectives on the Development of Collective Efficacy in a Title I School

Dissertation Chair: Vicki A. Vescio

**Lior Flum**

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Exploring the Relation Between the Design of Peer Assessment and Peer Feedback Quality

Dissertation Chair: Anthony Botelho

**Regina Ann Fugate**

Major: *Curriculum and Instruction—Computer Science Education*

Dissertation: Barriers and Breakthroughs: Empowering Voices on Accessibility, Identity, and Equity in K-12 Computer Science

Dissertation Chair: Maya Israel

**Stacy Gant**

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Better Together: How Experienced Online Program Coordinators Cultivate Community in Online Graduate Education

Dissertation Chair: Swapna Kumar

**Alexander Jay Green**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: Centering Mixed-Race Literature in the High School ELA Classroom: A Self-Study of Antiracist Pedagogical Practice

Dissertation Chair: Elyse Hambacher

**Andrew Allen Horvath**

Major: *Higher Education Administration*

Dissertation: A Study on the Transfer Experience of Students Transitioning From a Florida College System Institution to the University of Florida College of Agricultural and Life Sciences

Dissertation Chair: Lindsay Byron

**Donald Donovan Jackson Sr.**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: Exploring Community Resources and Assets That Contribute to the Ongoing Development of Neighborhood Schools

Dissertation Chair: Vicki A. Vescio

**Antonia Francesca Johnson**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: “It’s Magic”: Amplifying Family Perceptions of Kindergarten Literacy Skill Progress

Dissertation Chair: Taryrn Brown

**Margeaux Christine Johnson**

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Artificial Intelligence in Higher Education: Intrapersonal Factors and Instructor Intent to Integrate in Teaching and Learning

Dissertation Chair: Pavlo Antonenko

Dissertation Co-Chair: Nigel Arthur Newbutt

**Heidi Lynne Keegan**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: Scholarly Practitioners at Promise: A Narrative Inquiry Storying the Experiences of Three Social Justice-Oriented Professional Practice Doctoral Candidates Across Educational Contexts

Dissertation Chair: Taryrn Brown

**Nadia Margaret Kotula**

Major: *Higher Education Administration*

Dissertation: Improving the Transfer Experience: A Qualitative Case Study of HCC to USF Student Experiences

Dissertation Chair: Lindsay Byron

**Joanne Ryan Kraus**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: Embracing the Challenge: Transforming Pedagogy to Harness the Power of Productive Struggle With Gifted Fifth Grade Mathematics Students

Dissertation Chair: Sevan G. Terzian

**Carolina Elizabeth Madans-Perez**

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Investigating Workplace Instructional Designers’ Perceptions of AI Ethics and Its Impact on Their Use of Generative AI Tools

Dissertation Chair: Swapna Kumar

**Reshandia McIntyre**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: Exploring New Faculty Mentoring in Higher Education: A Study of Experienced Mentors in the Academy Contexts

Dissertation Chair: Nancy L. Dana

**Michal Hannah Moore Segev**

Major: *Special Education*

Dissertation: The Gendered Path to Diagnosis: Parental Perspectives on the Barriers to Early Identification of Inattentive ADHD in Girls

Dissertation Chair: Kyena Elrod Cornelius

Dissertation Co-Chair: Katy Chapman

**Amanda Elizabeth Rodda**

Major: *Curriculum and Instruction—Computer Science Education*

Dissertation: Understanding Enrollment Barriers for Students With Multiple Disabilities in K-12 Computer Science Education: An Ecological Analysis

Dissertation Chair: Maya Israel

Dissertation Co-Chair: Rui Tammy Huang

**Joshua Schulte**

Major: *Higher Education Administration*

Dissertation: Pathways in Practice: Examining the Implementation of Guided Pathways at a Florida Community College

Dissertation Chair: Lindsay Byron

**Kimone Arathusa Holtzman Simmons**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: Doctoral Candidate Retention Model: A Framework for Doctoral Candidate Degree Completion During UF's Graduate Pathways to Success (GPS) Initiative

Dissertation Chair: Chonika Coleman-King

**Allison Kaye Simons**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: Supporting School-Based Problem-Solving Teams With the Implementation of Their Individualized Multi-Tiered System of Supports: A Practitioner Inquiry

Dissertation Chair: Chonika Coleman-King

**Lynn Christine Smith**

Major: *Special Education*

Dissertation: The Effect of Pre-Service Training on Teacher Knowledge of Language and Reading Constructs and Knowledge of Dyslexia to Prevent Reading Difficulties in Elementary Schools in the Bahamas

Dissertation Chair: Vivian E. Gonsalves

Dissertation Co-Chair: Matthew Kevin Burns

**Ivan Toledo**

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Exploring Health Sciences Student Perceptions of Learning From Slide-Based Multimedia Presentations Through the Lens of Cognitive Theory of Multimedia Learning

Dissertation Chair: Bojan Lazarevic

**Zulynep Vazquez**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: Adaptations in Online Coaching: Supporting Head Start Teachers' Writing Reflection for Their Child Development Associate Professional Portfolio

Dissertation Chair: Vicki A. Vescio

**Lindsey Marie von Dohlen**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: Through the Kaleidoscope: Meaning-Making and Literary Interpretation With Culturally Responsive Literature in a Predominantly White Fourth-Grade Classroom

Dissertation Chair: Sevan G. Terzian

**Lindsay Zubko**

Major: *Curriculum and Instruction—Teachers, Schools, & Society*

Dissertation: Listening to Learn: Using Elementary Student Interviews to Understand Student Perspectives of Restorative Conferences

Dissertation Chair: Elyse Hambacher

## DOCTOR OF AUDIOLOGY

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Sydney Arden Cain  
Natalie Anne Ducut  
Madison Hope Frederick

Lakynn Makenzie Hillhouse  
Ellie McIntosh  
Brittney Tatiana Moore

Sofia Marie Sanchez  
Abbey Stohs  
Tianqi Robyn Yang

## DOCTOR OF MUSIC ARTS

---

Corey Allen Burton  
Ana Galdavadze  
Joshua Eric Huff  
Travis Dale Kern

Allison Leigh Reade  
Ethan Taylor Spencer  
Lukas Avery Sweeney

Colby Justin Vasquez  
Shuo Wang  
Casey Glenn Wood

## DOCTOR OF PLANT MEDICINE

---

Alexandor Matthew McMillan

## PROFESSIONAL DEGREES

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### THE COLLEGE OF HEALTH AND HUMAN PERFORMANCE

---

**Dean Michael Reid**

#### DOCTOR OF ATHLETIC TRAINING

Jade Renay Case  
Katelyn DeVoe  
Tianna Shanice Doctor  
Megan Marisa Fox  
Michael Ross Homer

Magan Marie Kim  
Rebekah Leigh Minter  
Ryan Christopher Murphy  
Abigail Niebling

Kalyn Powell  
Edward A. Schaeffer II  
Ebonie Marie Whitted  
Cameron Wilde

### THE WARRINGTON COLLEGE OF BUSINESS THE HOUGH GRADUATE SCHOOL OF BUSINESS

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**Dean Saby Mitra**

#### DOCTOR OF BUSINESS ADMINISTRATION

Marcos Gutiérrez Díaz  
Benjamin Buxton Morris

Cameron Carr Pearce  
Averil Mendoza Rescober

Jans Berend Veldkamp

### THE COLLEGE OF NURSING

---

**Dean Shakira Henderson**

#### DOCTOR OF NURSING PRACTICE

Ofonime Alma Akanmu  
Denise Patricia Sibug Angeles-Burke  
Kimberly Ann Auner  
Austin R. Boyd  
Shannon Alexis Browne  
Gene Sophia Chambliss  
Mohamad Mounir Chehab  
Alicia S. Evans  
Meredith Joyce Fischer  
Jonathan Ray Forcina  
Diana Rachelle Fowler

Maria Gonzalez  
Isabel Cristina Hamro  
Mary Allison Harden-Orlow  
Kelsey Erin Harrow  
Braidon Paige Howell  
Christine Jassir  
Alexa Danielle Julia  
Danielle King  
Stephanie Kinney  
Alexis LaTorre  
Stefanie Dawn Lugo

Vicente Llamelo Magallanes Jr.  
Mariella C. Marfori  
Jaime Kiran Martino  
Taylor Lee McCoy  
Chantia McDonald  
Zachary Mendez  
Tatiana Molinar  
Kristal Marie Nicolas  
Ayten Onel  
Amanda O'Shea  
Kirstie Alexandra McCullers Owens

Emma Elisabeth Price  
Julia Rose Ramos  
Sandra Reid  
Sydney Rogoff  
Morgan Elaine Rupp  
Lorisha C. Santiago  
Bruna Cavalcanti Sarkisian  
Joanna Bae Shin  
Ranata L. Simmons

Taylor Dwayne Smelcer  
Benjamin Morgan Smith  
Amanda Donnell Stanton  
Beverley Wu Stempniak  
Allison Marie Strong  
Haley Kay Swain  
Skyelar Taylor  
Derek Joshua Terner  
Audria Megan Thomas

Tessa A. Thorrington  
Shannon Maureen Ueberfluss  
Olivia Megan Vaz  
Jessica Catherine Vazquez  
Madison Murray Wiggins  
Priscilla Abigail Williamson-Mejia  
Ren Wu  
Stephanie Boxi Zhang

## THE COLLEGE OF PUBLIC HEALTH AND HEALTH PROFESSIONS

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### Dean Beth Virnig

#### DOCTOR OF PHYSICAL THERAPY

Jens Abraham  
Zyshonne Jehiel Alexandre  
Juan Ignacio Alvarado  
Aliette Amador  
Anna Nicole Ariet  
Elizabeth Fraser Barnes  
Hailey Ann Barron  
Zachary Tyler Blanchard  
Joseph Wolfe Brunner  
Grace Elizabeth Campins  
Samantha Leanne Churchey  
Alexander Paul Cohen  
Timothy Costantini  
Bre-nee NaQia Cummings  
Evan David Deacon  
Olivia KaeLee DuPré  
Marissa Rose Dye  
Alexander Matthew Farmer  
Jessica Renee Gabbert  
Erica Gall  
Shaye Elyse Hachey  
Megan Hartnett  
Hannah Kate Heavlin

Katelyn Elizabeth Herbstritt  
Kevin Mahendra Hereman  
Ashley Nicole Hillman  
Sara Elizabeth Humenay  
Ashley Elizabeth Kloch  
Katherine Elizabeth Koedam  
Laura Rose Langdale  
Andrew James Lockard  
Brooke Ashley Lowery  
McKenna Nicole Lukasiewicz  
Victoria Lorena Martinez  
Lauren Alyse Mattozzi  
Abigail Grace McDougall  
Mary Mileo  
Arielle Elizabeth Mumm  
Gabrielle Rose Nazigian  
Sabrina Nong  
Mary Cooper Jordan Owens  
Laura Elizabeth Pappas  
Sujan Parab  
Aashna Patel  
Tamara Cecilia Pereyra  
Devin Charles Primus

Margaret Elizabeth Rainey  
Kyle Jordan Ratner  
Gabriela Rochelle  
Nalin Niket Saraf  
DeKayla Geovaughna L.Saunders  
Kimberly Nicole Saunders  
Rachel Ann Sigmund  
Nicholas Leo Singleton  
Erica Lynn Stahl  
Eric Stephens  
Elizabeth Anne Strickland  
Ryan James Sullivan  
Addison Tholl  
Sydney Elizabeth Townsend  
Miguel Enrico Perez Ulgasan  
Christopher Guy Upright  
Alyssa Ann Villarreal  
Emily Rose Visconti  
Maya Rose Waterbury  
Mackenzie Snyder Wooten  
Lillian Arabella Wright  
Anthony R. Zaleski  
Henry Charles Morgan Zuercher

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## Diplomas

Diplomas will be mailed to the graduates' diploma mailing address beginning in July of 2026.



## Chain of Office

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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

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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.



## Caps and Gowns, An Explanation

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The academic regalia worn by graduating students and faculty in this era 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 lilac; Audiology degrees have colonial blue edging; Business Administration and Accounting are the color 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 Occupational Therapy is slate blue; 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 blue doctoral regalia also has velvet running on the rest of the gown, including crossbars on the sleeve. Colored tassels on the degree candidates' caps indicate a candidate's school or college.

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