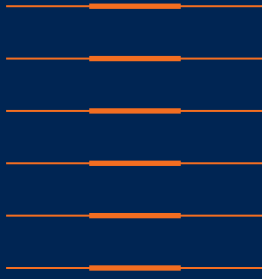


FALL 2024
Commencement



Greetings from the President

On behalf of the University of Florida, our faculty and our entire university community, I would like to extend my deepest congratulations to you, the Doctoral Graduates of 2024.

Today's ceremony celebrates your remarkable accomplishment in earning a doctoral degree from one of the nation's very best public research universities. I applaud you for your years dedicated to rigorous scholarship, thoughtful analysis and thorough presentation of your findings. I join you in thanking your faculty advisors, mentors and the family and friends who have supported you.

Today is a day for celebration, and for reflection on your future.

Whether you choose to pursue a career in academe, the private sector, government or the nonprofit world, I am confident that the research, analysis skills and resilience you honed as a doctoral student will serve you well. The complex demands and expectations for today's academic and professional leadership opportunities demand nothing less.

The university has benefited from your research, teaching, insights and discoveries, and we are grateful for your time here. We hope that you will look back on this period with fondness and appreciation, and that you will remain connected to UF as active members of our distinguished alumni.

Best wishes and Go Gators!



W. Kent Fuchs



University of Florida President

Dr. W. Kent Fuchs

Dr. Kent Fuchs began serving as Interim President of the University of Florida August 1. A professor in the UF Department of Electrical and Computer Engineering, he was the university's 12th president from 2015 to 2023.

Dr. Fuchs led UF into the ranks of the nation's best public universities during his tenure, with the university's stature increasing more than any other research university in the nation. Among other advancements, UF topped \$1 billion in annual research, surpassed \$4.6 billion in philanthropy, and created and filled more than 600 new faculty positions, establishing national prominence in artificial intelligence and other areas of strategic importance.

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

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

He earned his doctorate in electrical and computer engineering from the University of Illinois, and a Master of Divinity from Trinity Evangelical Divinity School. He also holds a Bachelor of Science in Engineering from Duke University.

UF

2024 FALL

COMMENCEMENT

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University Administration

W. Kent Fuchs, Ph.D.
Interim President
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Vice President and Chief Enrollment Strategist
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Senior Advisor to the President
Scott Stricklin, B.S.
Director - Athletics
James Wegmann, B.A.
Vice President - Communications
Heather White, Ph.D.
Vice President - Student Life

Deans of the University

R. Elaine Turner, Ph.D.
College of Agricultural and Life Sciences
Jennifer Setlow, M.F.A.
Interim, College of the Arts
Sabyasachi Mitra, Ph.D.
Warrington College of Business
A. Isabel Garcia, D.D.S., M.P.H.
College of Dentistry
Chimay Anumba, Ph.D.
College of Design, Construction and Planning
Glenn E. Good, Ph.D.
College of Education
Forrest J. Masters, Ph.D.
Interim, Herbert Wertheim College of Engineering
Nicole L. P. Stedman, Ph.D.
The Graduate School
Michael “Mike” Reid, Ph.D.
College of Health and Human Performance
Marta L. Wayne, Ph.D.
International Center

Hubert Brown, M.A.
College of Journalism and Communications
Merritt McAlister, J.D.
Interim, Fredric G. Levin College of Law
Mary Watt, Ph.D., J.D.
Interim, College of Liberal Arts and Sciences
Jennifer Hunt, M.D., M.Ed.
Interim, College of Medicine
Shakira Henderson, Ph.D., D.N.P., M.S., M.P.H., E.M.B.A.
College of Nursing
Peter Swaan, Ph.D., M.Pharm.
College of Pharmacy
Beth A. Virnig, Ph.D., M.P.H.
College of Public Health and Health Professions
Dana N. Zimmel, D.V.M.
College of Veterinary Medicine
Judith C. Russell, M.S.
University Libraries
Christopher Summerlin, Ph.D.
Dean of Students

COMMENCEMENT AGENDA - FRIDAY, DECEMBER 13, 2:00 P.M.

Presiding	W. Kent Fuchs <i>Interim President</i>
Processional	UF Commencement Band
National Anthem	Allison Reade <i>Vocalist</i> UF Commencement Band
Welcome	W. Kent Fuchs
Introductions	Joseph Glover <i>Interim Provost and Senior Vice President for Academic Affairs</i>
Commencement Address	Rob Ferl <i>Distinguished Professor, Inaugural Director of the Astraeus Space Institute and Assistant Vice President for UF Research</i> Anna-Lisa Paul <i>Professor, Director UF Interdisciplinary Center for Biotechnology Research</i>
Presenting Candidates for Degrees	Joseph Glover
Conferring of Degrees	Sarah D. Lynne <i>Member, UF Board of Trustees</i>
Recognition of Graduates	
Closing Remarks	W. Kent Fuchs
Alma Mater	Allison Reade UF Commencement Band
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 SPEAKERS

Anna-Lisa Paul, Ph.D.

Professor

Director of UF's Interdisciplinary Center for Biotechnology Research

Often working in partnership with her UF colleague, Dr. Rob Ferl, Anna-Lisa Paul has launched 12 orbital experiments to study how plants respond to the spaceflight environment.

She has taken her science to the extreme terrestrial environments of the Arctic and Antarctica as planetary analogs, and worked with lunar dust retrieved during the Apollo era, to evaluate plant molecular responses to that novel environment. Working with Ferl, she uses suborbital launch vehicles to explore the effect of the transition to space on the molecular processes of plants.

She has been active in the spaceflight research community for over 25 years and has served as the President of the American Society for Gravitational and Space Research, as a member of the ISS Standing Review Board, on NASA's GeneLab Science Council, and on the Suborbital Applications Research Group advisory board for the Commercial Spaceflight Federation. She serves on the National Academies of Science Engineering and Medicine Committee on Biological and Physical Sciences in Space, and as Co-Chair for a NASEM Panel on A Science Strategy for the Human Exploration of Mars.

Paul is a recipient of the NASA Medal of Honor for Exceptional Scientific Achievement. She is a Fellow of the American Association for the Advancement of Science and a Fellow of the American Society for Gravitational and Space Research.

Paul believes that humans are explorers—and when we leave Earth's orbit, plants will help us make the journey.

Rob Ferl, Ph.D.

Distinguished Professor

Inaugural Director of UF's Astraeus Space Institute and Assistant VP for UF Research

Rob Ferl studies gene expression in response to environmental change. For the last 20 years, he has focused on gene expression in space, often in collaboration with his UF colleague, Dr. Anna-Lisa Paul.

Ferl co-chaired the steering committee for the current Decadal Survey of Biological and Physical Sciences



Research in Space for the National Academies of Sciences, Engineering, and Medicine and is a past president of the American Society for Gravitational and Space Research.

Among his honors are the NASA Medal of Honor for Exceptional Scientific Achievement, the NASA Medal of Honor for Exceptional Public Service, and the AIAA Jeffries Aerospace Medicine and Life Sciences Research Award.

While a dedicated lab geek, he enjoys and advocates for the field experiential side of science.

He, Paul, and other collaborators have flown with their experiments on many research aircraft to study aspects of the microgravity environment and to develop hardware for understanding biological effects of spaceflight. They have worked with NASA astronauts to conduct experiments on the Space Shuttle and the International Space Station, that have shown that plants turn certain genes on and off in response to living in space.

He and Paul were the first to prove that plants could grow in lunar dust collected during the Apollo missions.

In August 2024, Ferl became the first NASA-funded academic researcher to conduct an experiment as part of a commercial space crew on a mission of Blue Origin's New Shepard rocket.

GRADUATE SCHOOL

NICOLE L. P. STEDMAN, PH.D., ASSOCIATE PROVOST AND DEAN OF THE GRADUATE SCHOOL

DOCTOR OF PHILOSOPHY

Brian Abramowitz

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Using Shark Teeth to Teach AI: Exploring Science Teachers' AI Technological Pedagogical Content Knowledge through Sense of Community

Dissertation Chair: Pavlo D. Antonenko

Livingstone Aduse-Poku

Major: *Epidemiology—Cancer Epidemiology*

Dissertation: Magnetic Resonance Image-Derived Body Composition, Endogenous Hormones, and Systemic Inflammation in Relation to Breast Cancer

Dissertation Chair: Dejana Braithwaite

Damilola Ajayi

Major: *Agricultural Education and Communication*

Dissertation: Evaluation of Sustainable Management Practices for Spotted Wing Drosophila among Cherry and Berry Growers in the United States

Dissertation Chair: Kathleen D. Kelsey

Dissertation Co-chair: Sebastian Galindo

Neus Alcón Bou

Major: *Horticultural Sciences—Horticultural Sciences*

Dissertation: Addressing Salinity Challenges in Humid Climates: Management Strategies for Citrus Production in Coastal Areas of Florida

Dissertation Chair: Lorenzo Rossi

Dissertation Co-chair: Sandra M. Guzman

Jessica Lee Aldrich

Major: *Biomedical Engineering*

Dissertation: Evaluating the Efficacy of Targeted Manganese Dioxide Nanoparticles in the Prevention of Post-Traumatic Osteoarthritis

Dissertation Chair: Blanka Sharma

Dissertation Co-chair: Kyle D. Allen

Belay Worku Alem

Major: *Anthropology*

Dissertation: Heirs' Property in African American Communities in Alachua County, Florida: Inheritance, Kinship, Taxation and Dispossession

Dissertation Chair: Brenda Helene Chalfin

Rasheed Abdulaziz Almazan

Major: *Electrical and Computer Engineering*

Dissertation: A Layered IP Protection Framework for Integrated Circuits

Dissertation Chair: Swarup Bhunia

Abdulmajeed Qasem S. Alqasem

Major: *Mathematics*

Dissertation: Small Deviation Inequalities for Discrete Log-Concave Distributions

Dissertation Chair: Arnaud Marsiglietti

Johann Sebastian Alvarez

Major: *Physics*

Dissertation: Interlayer Interactions in 2D TMD/Iron(II)-SCO Heterostructures and Optimization of SWCNT Thin Film Processing for OLED Applications

Dissertation Chair: Xiao-Xiao Zhang

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

Marliz Arteaga Gómez-García

Major: *Interdisciplinary Ecology—Tropical Conservation and Development*

Dissertation: Multilevel Environmental Governance in the Amazon: The Case of Madera Hydroelectric Dam Complex Bolivia and Brazil

Dissertation Chair: Stephen George Perz

Meysam Asghari

Major: *Electrical and Computer Engineering*

Dissertation: Hardware Security and High-Frequency Wireless Communication

Dissertation Chair: Yong-Kyu Yoon

Dissertation Co-chair: Nima Maghari

Prakhin Assavapanuvat

Major: *Geology*

Dissertation: Mangrove Encroachment of Salt Marshes in Apalachicola Estuary: Impacts on Organic Carbon Burial

Dissertation Chair: Thomas S. Bianchi

Julia Farrell Aukerman

Major: *Psychology*

Dissertation: Gazing into Development: Examining Parent-Infant Joint Attention Behaviors during Shared Book Reading

Dissertation Chair: Lisa S. Scott

Morgan Alexandria Averette

Major: *Sociology*

Dissertation: Playing Outside the Binary: Trans and Non-Binary Experiences in Sports

Dissertation Chair: Rebecca Annice Hanson

Dissertation Co-chair: Kendal L. Broad

Chen Bai

Major: *Medical Sciences—Biomedical Informatics*

Dissertation: AI-Based Preoperative Frailty Index Using Real-World Data

Dissertation Chair: Mamoun T. Mardini

Yang Bai

Major: *Computer Science*

Dissertation: Machine Learning-Based Information Retrieval for Large-Scale Natural Language Processing

Dissertation Chair: Zhe Wang

Dissertation Co-chair: Christian Grant

Walter Sebastian Barrutia Alta

Major: *Biomedical Engineering*

Dissertation: Development, Validation, and Testing of a 3D-Printed Knee Exoskeleton to Assist and Enhance Human Gait

Dissertation Chair: Daniel Perry Ferris

Emily Rachel Bartz

Major: *Anthropology*

Dissertation: Foodways of the Late Archaic Middle Savannah River Valley

Dissertation Chair: Kenneth Edward Sassaman Jr.

Dissertation Co-chair: Katherine M. Grillo

Brandon Scott Battas

Major: *Materials Science and Engineering*

Dissertation: Investigating Irradiation-Enhanced Densification in UO₂ through Mesoscale and Macroscale Modeling

Dissertation Chair: Michael Tonks

Amely Bauer

Major: *Entomology and Nematology*

Dissertation: Predicting Mosquito Community Vector Potential across Anthropogenic Landscapes

Dissertation Chair: Lindsay P. Campbell

Matthew Paul Beke

Major: *Nutritional Sciences*

Dissertation: The Effect of Psyllium and Wheat Bran on Body Weight in People with Parkinson's Disease and Constipation

Symptoms: A Randomized, Controlled Trial

Dissertation Chair: Bobbi Langkamp-Henken

Subhadeep Bera

Major: *Chemistry*

Dissertation: Synthesis and Reactivity of [3:1] Site-Differentiated Iron Sulfur Cluster

Dissertation Chair: Leslie Justin Murray

Kevin Redhawk Bitsie

Major: *Epidemiology*

Dissertation: Self-Reported Racial or Ethnic Discrimination in Patient-Provider Interactions, Adjuvant Therapies, and Breast Cancer Outcomes

Dissertation Chair: Thomas A. Pearson

Dissertation Co-chair: Ting-Yuan David Cheng

Parker Thomas Boeck

Major: *Chemistry*

Dissertation: The Synthesis of Cyclic, Degradable, and Recyclable Polymers

Dissertation Chair: Adam Steven Veige

Robinson Botero-Arias

Major: *Wildlife Ecology and Conservation—Geographic Information Systems*

Dissertation: Population Trends and Dynamics, Reproductive Ecology, and Management of Black Caiman (*Melanosuchus niger*) in the Middle Solimões River, Mamirauá Reserve, Brazil

Dissertation Chair: Bette Loiselle

Dissertation Co-chair: John G. Blake

Pratush Brahma

Major: *Zoology—Animal Molecular and Cellular Biology*

Dissertation: Understanding Evolution of Animal Behavior through the Lens of Sexual Selection and Sensory Adaptations

Dissertation Chair: Colette Marie St. Mary

Kvnfvske Yvholv Marcus A. Briggs-Cloud

Major: *Interdisciplinary Ecology—Anthropology*

Dissertation: *Hopuetak-Cakaksekat Pum Oponvkv Pun Fulletv Svpeyepetayat Vrahkv*: (So That Unborn Generations May Carry on Our Language and Culture) A Maskoke Holistic Decolonization and Reindigenization Paradigm Shift at the Intersections of Ecology, Linguistics, Genetics, Ecofeminism and Liberation Theology

Dissertation Chair: Mark Brenner

Dissertation Co-chair: Kenneth Edward Sassaman Jr.

Katie Ellen Bristol

Major: *Geology*

Dissertation: Earth's Evolution from Core to Atmosphere: Paleomagnetic and Geochronologic Insights from the Indian Subcontinent

Dissertation Chair: Courtney Jean Sprain

Amanda Delia Brock

Major: *Anthropology*

Dissertation: Making Monumental Places in Dynamic Landscapes: A Case in the Callejón de Huaylas, Peru

Dissertation Chair: Daniel A. Contreras

Andrea Nicole Brockmann

Major: *Psychology—Clinical and Health Psychology*

Dissertation: Temporal Patterns of Dietary Self-Monitoring in Adults with Obesity Enrolled in a Behavioral Weight Management Program

Dissertation Chair: Kathryn Marie Ross

Hailey B. Brown

Major: *Counseling and Counselor Education—Mental Health Counseling*

Dissertation: “I Got Boundaries, Boy!”: A Narrative Inquiry Study Exploring Counselors’ Perceptions of Equine-Assisted Counseling on Racial Trauma with BIPOC Adolescents

Dissertation Chair: Sondra Lori Smith

Hussah M. Bubshait

Major: *Nursing Sciences*

Dissertation: Association between Skin-To-Skin Care, Mood, and Lactation in Mothers of Very Low Birth Weight Infants

Dissertation Chair: Leslie Ann Parker

Nicolas Caram Fernandez Villanueva

Major: *Agronomy—Global Systems Agroecology*

Dissertation: Outcomes and Underlying Mechanisms of Grassland Responses to Legume Introduction and Manipulation of Defoliation Intensity

Dissertation Chair: Lynn E. Sollenberger

Dissertation Co-chair: Marcelo Wallau

Joe Barrett Carter III

Major: *Agricultural and Biological Engineering—Hydrologic Sciences*

Dissertation: Performance Evaluation of a Multi-Parameter Spectroscopy-Based Water Quality Analysis System

Dissertation Chair: Eban Zachary Bean

Cody Lee Case

Major: *Music—Music History and Literature*

Dissertation: Drumming in the Breaks of Blocos Afro: Ancestrality and Black Resistance in Salvador, Brazil

Dissertation Chair: Silvio dos Santos

Adams Enrique Ceballos-Concha

Major: *Food and Resource Economics*

Dissertation: Coupled Human-Natural Systems: Economic and Ecological Interactions in Fisheries and Aquaculture

Dissertation Chair: Andrew Ropicki

Dissertation Co-chair: Frank Asche

Anik Chattopadhyay

Major: *Computer Science*

Dissertation: Signal Coding and Reconstruction Using Biologically Plausible Spiking Neurons

Dissertation Chair: Arunava Banerjee

Atul Chaudhary

Major: *Chemistry*

Dissertation: Metal Carbonyl Olefin Precursors for Focused Electron Beam-Induced Deposition

Dissertation Chair: Lisa McElwee-White

Yingjie Chen

Major: *Electrical and Computer Engineering*

Dissertation: Dynamic Chopping Techniques for Sensor Applications

Dissertation Chair: Nima Maghari

Yunxia Chen

Major: *Mechanical Engineering*

Dissertation: Fabrication of Sensor-Embedded Brain Simulant for Evaluation of Impact-Induced Mild Traumatic Brain Injury

Dissertation Chair: Yong Huang



An-Chi Cheng

Major: *Veterinary Medical Sciences*

Dissertation: *Emerging Pathogens in Farmed White-Tailed Deer (*Odocoileus virginianus*) in Florida*

Dissertation Chair: Juan Manuel Campos Krauer

Porshè LaChelle Chiles-McKay

Major: *Agricultural Education and Communication*

Dissertation: *A B.U.G.s Life: Exploring the Intersections of Leadership, Identity, and Culture among Black Urban Growers through Endarkened Narrative Inquiry*

Dissertation Chair: Laura Greenhaw

Steven Jerome Chisolm

Major: *Mechanical Engineering*

Dissertation: *In vitro Epithelial Mechanics: Collective Motion, Contact Mechanics and Cell-Cell Cohesiveness*

Dissertation Chair: Thomas Ettore Angelini

Dain Chun

Major: *Pharmaceutical Sciences—Pharmaceutics*

Dissertation: *Application of Model-Informed Drug Development (MIDD) to Assist Answering Complex Drug Problems Using Population Approach*

Dissertation Chair: Valvanera Vozmediano Esteban

Dissertation Co-chair: Natália Valadares de Moraes

R. Khari Clemmons

Major: *Linguistics*

Dissertation: *Naming Our Lives and Living Our Names: A Narrative Analysis of the Coming into Being of Africans Who Became Americans*

Dissertation Chair: Paula Golombek

Catherine Faye Coe

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Examining the Effects of Student Engagement and Social Influence on Students' Acceptance of a Mobile Application with Confirmatory Factor Analysis and Path Analysis

Dissertation Chair: Albert D. Ritzhaupt

Natalie Colosimo

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

Dissertation: Building Sociocultural Awareness and Uplifting Diverse Perspectives by Utilizing Contemplative Practices to Support Critical Literacy in an 8th Grade ELA Classroom: A Narrative Case Study

Dissertation Chair: Zhihui Fang

Michelle Lynn Commeret

Major: *Curriculum and Instruction*

Dissertation: Developing Identity Literacy through Photovoice: Snapshots of Curriculum and Learning in English Language Arts

Dissertation Chair: Zhihui Fang

Dissertation Co-chair: Taryrn Brown

Derrick Robert Conover

Major: *Entomology and Nematology*

Dissertation: Sustainable and Integrated Pest Management of Ambrosia Beetles Vectoring the Laurel Wilt Pathogen

Dissertation Chair: Xavier Martini

Virnaliz Cruz Hernandez

Major: *Interdisciplinary Ecology—Statistics*

Dissertation: Integrating Data Science for Disease Prediction, Clustering, and Expanding Access in Internet-Limited Settings

Dissertation Chair: Miguel A. Acevedo

Dissertation Co-chair: Ethan P. White

Vahid Daneshmand

Major: *Electrical and Computer Engineering*

Dissertation: Cost- and Performance-Aware Multi-Criteria Link Management in P2P Edge-to-Cloud Overlay Virtual Networks and Its Application in Ecological Forecasting

Dissertation Chair: Renato Jansen Figueiredo

Linda Chi Dao

Major: *Horticultural Sciences—Horticultural Sciences*

Dissertation: Evaluating the Agronomic Traits of Sweet Corn Kernels

Dissertation Chair: A. Mark Settles

Olumide Samuel Daramola

Major: *Agronomy*

Dissertation: Evaluating Cultural Practices and Herbicide Programs for Integrated Weed Management in Peanut (*Arachis hypogaea* L.)

Dissertation Chair: Gregory E. MacDonald

Bishwaprava Das

Major: *Chemistry*

Dissertation: Design and Synthesis of Ru and Mn Organometallic Precursors for Selective Thin Films Deposition via Photoassisted Chemical Vapor Deposition

Dissertation Chair: Lisa McElwee-White

Anna Leigh DeVries

Major: *Medical Sciences—Cancer Biology*

Dissertation: Unraveling the Cross-Talk Mechanisms between Innate and Adaptive Immunity following Systemic mRNA Vaccination

Dissertation Chair: Elias Sayour

Antonio Luis Diaz

Major: *Aerospace Engineering*

Dissertation: The Bathy-Drone: An Autonomous Uncrewed Drone-Tethered Sonar System

Dissertation Chair: Peter G. Ifju

Ziqin Ding

Major: *Electrical and Computer Engineering*

Dissertation: Studies of Lightning Processes Based on Optical (Including IR and UV) Observations Coordinated with Radio-Frequency Field Measurements

Dissertation Chair: Vladimir A. Rakov

Nickolas Giovanni Diodati

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: *Ex vivo* Lung Microexplant Models of Human Pulmonary Disease

Dissertation Chair: Matthew A. Schaller

Ran Dou

Major: *Electrical and Computer Engineering*

Dissertation: A Recurrent Dual-Stream External Memory Architecture

Dissertation Chair: José C. Príncipe

William Grady Dyer

Major: *Linguistics*

Dissertation: The Syntax of Relative Clauses in Sereer

Dissertation Chair: Fiona McLaughlin

Dissertation Co-chair: Eric Potsdam

Beatriz Helena E. Silva Veronese

Major: *Medical Sciences—Cancer Biology*

Dissertation: ORF48 is Required for Optimal Lytic Replication of Kaposi's Sarcoma-Associated Herpesvirus

Dissertation Chair: Zhe Ma

Andrew Ogolla Egesa

Major: *Horticultural Sciences—Environmental Horticulture*

Dissertation: Genetic and Molecular Physiology of Adaptation in a Domesticated and a Wild Plant Species

Dissertation Chair: Kevin Begcy

Mina Elhamiasl

Major: *Psychology*

Dissertation: Development of Peak Frequency and Desynchronization of the Dominant Rhythm, and Brain Connectivity during Attentional Processing in Infants

Dissertation Chair: Lisa S. Scott

Garrett Lee Ellward

Major: *Microbiology and Cell Science*

Dissertation: Going Viral: Overcoming Antimicrobial Resistance via Bacteriophage Therapy and Educational Awareness

Dissertation Chair: Daniel M. Czyż

Yuley Encarnacion Pineyro

Major: *Botany—Tropical Conservation and Development*

Dissertation: Systematic Studies of *Pereskia* s.l. (Cactaceae) and a Treatment for the Cactus Family in Hispaniola

Dissertation Chair: Lucas C. Majure

Dissertation Co-chair: Gordon Burleigh

Analís Eolyn Evans

Major: *Physics*

Dissertation: Building IllustriTNG Black Hole Seeding Models to Analyze Seeding Conditions and Make Population Predictions

Dissertation Chair: Laura Blecha

Romain Exilien

Major: *Entomology and Nematology*

Dissertation: Eco-Management of Asian Citrus Psyllid, *Diaphorina citri* Kuwayama, in North Florida

Dissertation Chair: Xavier Martini

Sonia Sochima Ezenwajiaku

Major: *Materials Science and Engineering*

Dissertation: Design and Evaluation of Duplex Phase Magnesium-Lithium-Zinc-Calcium Alloys for Biodegradable Implant Application

Dissertation Chair: Michele V. Manuel

Matthew Donovan Faiello

Major: *Research and Evaluation Methodology*

Dissertation: A Comparison of Attributional Differential Item Functioning Methods

Dissertation Chair: David Miller

Noah David Ferson

Major: *Materials Science and Engineering*

Dissertation: Synthesis and Characterization of Core-Shell Magnetolectric Nanowires—Nanoscale Agents for Neural Stimulation and Emerging Electromagnetic Devices

Dissertation Chair: Jennifer Andrew

Adania Flemming

Major: *Zoology*

Dissertation: A Black Female Ichthyologist Use of Natural History Research Collections as a Resource to Broaden Diversity in STEM through Undergraduate Education

Dissertation Chair: David C. Blackburn

Dissertation Co-chair: Rose Pringle

Justin Ray Folden

Major: *Electrical and Computer Engineering*

Dissertation: Foveated Depth Sensing

Dissertation Chair: Sanjeev Jagannatha Koppal

Eric Carlos Fonseca

Major: *Materials Science and Engineering*

Dissertation: Solvation in Atomic Systems: Making Predictions That “Matter”

Dissertation Chair: Richard G. Hennig

Matthew Frain

Major: *Medical Sciences—Medical Physics and Clinical and Translational Science*

Dissertation: Development of a Pre-Clinical Theranostic Nanoparticle-Based Laser Interstitial Thermotherapy (LITT) Platform

Dissertation Chair: Frank J. Bova

Dissertation Co-chair: Manuel Muñoz Arreola

Graham Patrick Gallagher

Major: *Political Science*

Dissertation: The Archetypes of Reaction: An Approach to Reaction as Shared Mythopoetic Narrative

Dissertation Chair: Leslie Paul Thiele

Dissertation Co-chair: Michael Bernhard

Anghelo Josh Gangano

Major: *Chemistry*

Dissertation: Axial Chirality

Dissertation Chair: Alexander J. Grenning

Fan Gao

Major: *Chemical Engineering*

Dissertation: Simple and Scalable Particle Fabrication Based on Material Self-Assembly

Dissertation Chair: Peng Jiang

Minyan Gao

Major: *Electrical and Computer Engineering*

Dissertation: CAD Solutions to Protect Integrated Circuits against Invasive Attacks

Dissertation Chair: Domenic J. Forte

Manuel Gastelbondo

Major: *Plant Breeding*

Dissertation: Modern Tools for High Vanillin Content Vanilla Breeding

Dissertation Chair: Xingbo Wu

Daniel George

Major: *Physics*

Dissertation: Examining the Impact of Tilt-to-Length Noise on the LISA Mission

Dissertation Chair: Guido Müller

Dissertation Co-chair: Paul Fulda

Sourath Tarun Ghosh

Major: *Physics*

Dissertation: Estimating the Arm Locking Noise Performance and the Feasibility of Detecting the Gravitational Memory Effect with the New LISA Design

Dissertation Chair: Guido Müller

Dissertation Co-chair: Paul Fulda

Jason Blake Gibson

Major: *Materials Science and Engineering*

Dissertation: AI Accelerated Material Discovery

Dissertation Chair: Richard G. Hennig

Denis Gitonga

Major: *Entomology and Nematology*

Dissertation: Dual Frontiers: Nematode Problems in Organic Vegetables and Tropical Fruit and Their Biorational Control Strategies

Dissertation Chair: Abolfazl Hajihassani

Hayden Joseph Good

Major: *Chemical Engineering*

Dissertation: Probing the Influence of Volume on Magnetic Particle Imaging Signal Distribution and Quantification Accuracy

Dissertation Chair: Carlos M. Rinaldi-Ramos

Niloofer Gopal Pour

Major: *Chemistry*

Dissertation: Investigating the Human GPCRs' Interactions with G-Protein and Allosteric Modulators from a Structural Perspective

Dissertation Chair: Matthew T. Eddy

Gözde Gülseren

Major: *Food Science*

Dissertation: Edible Mycelia: A Novel Biofortification Vehicle Addressing Iron Deficiency

Dissertation Chair: Juan Emilio Andrade

Yanbo Guo

Major: *Physics*

Dissertation: Thermodynamics, Magnetism, and Phase Transitions of Low-Dimensional Quantum Magnets

Dissertation Chair: Yasumasa Takano

Lukas Mackenzie Hallman

Major: *Horticultural Sciences—Horticultural Sciences*

Dissertation: Nutrient Management Strategies for Citrus Production in the Age of Citrus Greening: Evaluating the Role of Cover Crops on Soil Fertility and Tree Growth in Southeast Florida

Dissertation Chair: Lorenzo Rossi

Chelsea Nicole Hampton

Major: *Mass Communication*

Dissertation: *A Qualitative Investigation of Nurses' Quitting Stories on YouTube and Their Motivations for Sharing*

Dissertation Chair: Jieun Shin

Ira Baxter Harmon

Major: *Computer Science*

Dissertation: *Combining Symbolic Knowledge and Neural Models in Tree Identification Using Remote Sensing Data*

Dissertation Chair: Zhe Wang

Kelly Lynn Healy Padilla

Major: *Medical Sciences—Molecular Cell Biology*

Dissertation: *Molecular Mechanisms of Circadian Regulation: Helical Motifs in the C-Terminal Domains of BMAL1 and CLOCK*

Dissertation Chair: Andrew Chuanyin Liu

Faith Anne Newsome Heeren

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

Dissertation: *Utilizing Community-Engaged Research Methodology to Identify Pre-Operative Educational Needs among Adolescents Undergoing Metabolic and Bariatric Surgery*

Dissertation Chair: Michelle I. Cardel

Kodiak Christopher Hengstebeck

Major: *Interdisciplinary Ecology—Wildlife Ecology and Conservation*

Dissertation: *Multifarious Impacts of Animal Invasions*

Dissertation Chair: Christina M. Romagosa



Jennifer Breanne Hooks

Major: *Agricultural Education and Communication*

Dissertation: Black Women's Experiences and Communities in Two-Year Institutions

Dissertation Chair: Sarah A. Bush

Alwin Hopf

Major: *Agricultural and Biological Engineering*

Dissertation: Participatory Development of a Decision Support System for Industrial Hemp Production in Florida

Dissertation Chair: Gerrit Hoogenboom

Dissertation Co-chair: Jonathan A. Watson

Rachel Dorothy Howard

Major: *Soil, Water, and Ecosystem Sciences*

Dissertation: Exploring the Impact of Hypoxia on Taxonomic Diversity and Functional Dynamics in Coral Microbiomes

Dissertation Chair: Julie Meyer

Nien-Wen Hu

Major: *Biomedical Engineering*

Dissertation: Discover Microvascular Dynamics during Angiogenesis and Vasculogenesis Using Computational and Experimental Models

Dissertation Chair: Walter Lee Murfee III

Nan Hua

Major: *Pharmaceutical Sciences—Pharmacodynamics*

Dissertation: Discovery and Optimization of First-in-Class Molecular Glue for SETDB1 to Enhance Cancer Immunotherapy

Dissertation Chair: Weizhou Zhang

Owen Huw Hudson

Major: *Plant Pathology*

Dissertation: Investigating Fusarium Ear Rot of Maize Using Comparative Genomics, Selection Models, and Machine Learning

Dissertation Chair: Jeremy T. Brawner

Sunghyun Hwang

Major: *Electrical and Computer Engineering*

Dissertation: Highly Energy Efficient Silicon Based Broadband Infrared Light-Emitting Microplatform Using Phononically Enhanced Nanowires

Dissertation Chair: Yong-Kyu Yoon

Larissa Iapicca

Major: *Nursing Sciences*

Dissertation: Lactation Outcomes among Mothers of Infants with Congenital Heart Disease

Dissertation Chair: Leslie Ann Parker

Austin Robert Jacobs

Major: *Mathematics*

Dissertation: An Analysis of the Use of Integral Operators and Spectral Metric Theory in Certain Applications

Dissertation Chair: James Pascoe

Janna Elizabeth Jernigan

Major: *Medical Sciences—Neuroscience*

Dissertation: RGS10 Attenuates Systemic Immune Dysregulation Induced by Chronic Inflammatory Stress

Dissertation Chair: Malú Gámez Tansey

Ziqi Jia

Major: *Electrical and Computer Engineering*

Dissertation: MRI Compatible Multifunctional Neural Probe

Dissertation Chair: Yong-Kyu Yoon

Jason E. Johnson

Major: *Mathematics*

Dissertation: Some New Results on Sums of the Möbius Function in Number Theory

Dissertation Chair: Krishnaswami Alladi

Thomas Donald Johnson

Major: *English*

Dissertation: *Quality, Prestige, and Batshit TV: The Fantastic and Marvelous in American Television, 1990–2019*

Dissertation Chair: Phillip E. Wegner

Antonio Diego Alejandro Juárez-Sánchez

Major: *Wildlife Ecology and Conservation*

Dissertation: *A Non-Native Consumer and Its Interactions with Native Predators: The South American Armored Catfish (*Pterygoplichthys* sp.) in Northern Guatemala*

Dissertation Chair: Christina M. Romagosa

Sebastian Jugl

Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*

Dissertation: *Pregnancy after Cancer: Pregnancy Rates, Healthcare Related Costs, and Risk of Preterm Birth among Young Cancer Survivors*

Dissertation Chair: Almut Gertrud Winterstein

Dissertation Co-chair: Amie J. Goodin

Marlyn Yvonny Suzanna Kallau

Major: *Fisheries and Aquatic Sciences*

Dissertation: *Evaluation of Total Lipid Production in Microalgae for Molluscan Aquaculture*

Dissertation Chair: Huiping Yang

Ananth Sesha Sri Sai Kandala

Major: *Physics*

Dissertation: *Critical Kondo Destruction in the Particle-Hole-Asymmetric Bose-Fermi Anderson Model*

Dissertation Chair: Kevin Ingersent

Woo-Young Kang

Major: *Chemistry*

Dissertation: *Revealing Protein Structure via Gas-Phase Ion Chemistry: Ion/Electron, Ion/Photon, and Ion/Ion Reactions*

Dissertation Chair: Boone Monroe Prentice

Megan E. Kelly

Major: *Plant Molecular and Cellular Biology*

Dissertation: *Tissue Culture and Transformation of *Sorghum bicolor**

Dissertation Chair: Wilfred Vermerris

Shailina Amin Keshwani

Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*

Dissertation: *Analgesic Use, Risk of Cardiovascular Diseases and Effectiveness of Beta Blockers in Medicare Population with Osteoarthritis and Co-Existing Hypertension*

Dissertation Chair: Steven M. Smith

David Kim

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

Dissertation: *Impact of Climate Change on Housing Market—A Case Study of Miami-Dade County, Florida*

Dissertation Chair: Emre Tepe

Karl Robert Knaak

Major: *Mechanical Engineering*

Dissertation: *Evolution of Damage in Porous Solids under Quasi-Static and Dynamic Conditions*

Dissertation Chair: Oana Cazacu

Dissertation Co-chair: Benoit Revil-Baudard

David Selasi Koblah

Major: *Electrical and Computer Engineering*

Dissertation: *Machine Intelligence for Physical Attack-Aware Electronic Design Automation*

Dissertation Chair: Domenic J. Forte

Elif Konyar

Major: *Industrial and Systems Engineering*

Dissertation: Advanced Tensor-Based Modeling for High-Dimensional, Distributed, and Heterogeneous Data

Dissertation Chair: Mostafa Reisi Gahrooei

Christine L. Krebs

Major: *Agricultural Education and Communication*

Dissertation: Exploring the Connection between Agricultural and Natural Resource Faculty and Graduate Students' Enneagram Types, Impostor Syndrome, and Science Communication Self-Efficacy

Dissertation Chair: Jamie Lynn Loizzo

Shelby Lynn Krupar

Major: *Botany*

Dissertation: Evolutionary Origin and Population Genetics of *Guzmania monostachia*

Dissertation Chair: Nico Cellinese

Love Kumar

Major: *Soil, Water, and Ecosystem Sciences—Wetland Sciences*

Dissertation: Hydrological Connectivity and Water Chemistry of a River Floodplain System in the Southeastern United States

Dissertation Chair: Matthew Deitch

Arinola Olanrewaju Lampejo

Major: *Biomedical Engineering*

Dissertation: Investigation of Vascular Remodeling and Lymphatic/Blood Vessel Plasticity in Cancer Using Novel *ex vivo* & *in vivo* Tumor Spheroid-Tissue Models

Dissertation Chair: Walter Lee Murfee III

Stephen Mark Lantin

Major: *Agricultural and Biological Engineering*

Dissertation: A Digital Twin for Crop Production in Space

Dissertation Chair: Melanie J. Correll

Gage Daniel LaPierre

Major: *Forest Resources and Conservation*

Dissertation: The Role of Ruderal Grasses and Disturbance in Restoration of Pine Savanna Ecosystems in the Southeastern Coastal Plain

Dissertation Chair: Michael G. Andreu

Kyle Shikakura Latty

Major: *Nuclear Engineering Sciences*

Dissertation: Atmospheric Radiation Plume Tracking Using Laser-Induced Breakdown Spectroscopy and Laser Filamentation

Dissertation Chair: Kyle Cameron Hartig

Jaemoon Lee

Major: *Computer Science*

Dissertation: Compressive Autoencoders: Guaranteeing Reconstruction Error Bounds with Linear/Nonlinear Constraint Satisfaction

Dissertation Chair: Anand Rangarajan

Dissertation Co-chair: Sanjay Ranka

Guanzhi Li

Major: *Physics*

Dissertation: Hydrogen Debonding in Semiconductors

Dissertation Chair: Xiaoguang Zhang

Jian-Sian Li

Major: *Chemical Engineering*

Dissertation: Fabrication and Device Performance of NiO/Ga₂O₃ Heterojunction Power Rectifiers

Dissertation Chair: Fan Ren

Jiehan Li

Major: *Research and Evaluation Methodology*

Dissertation: Collecting Content-Related Validity Evidence for the Educational Assessment Using Topic Modeling Approaches

Dissertation Chair: David Miller

Dissertation Co-chair: Anne Corinne Huggins-Manley

Vinicius Pereira Lima Jr.

Major: *Veterinary Medical Sciences*

Dissertation: Construction, Characterization and Evaluation of Novel Self-Destructing Attenuated Adjuvant *Salmonella* Strains Designed to Be Delivered *in Ovo*

Dissertation Chair: Roy Curtiss III

Albert Y. Lin

Major: *Aerospace Engineering*

Dissertation: Prediction of Hypersonic Transition with Stochastic Surface Roughness Modeling

Dissertation Chair: S.A.E. Miller

Dissertation Co-chair: Peter G. Ifju

Ashley M. Lin

Major: *Environmental Engineering Sciences*

Dissertation: Understanding Emerging Contaminants in Solid Waste Management

Dissertation Chair: Timothy G. Townsend

David Seaman Lindberg III

Major: *Statistics*

Dissertation: Enriched Dirichlet Process Mixtures for Missing Data

Dissertation Chair: Michael Joseph Daniels

Fanjue Liu

Major: *Mass Communication*

Dissertation: Deciphering Collaborations Between Virtual Influencers and Co-Presented Influencers in the Blend of Reality and Virtuality: Consumer Responses, Psychological Mechanisms, and Moderators

Dissertation Chair: Sylvia Chan-Olmsted

Dissertation Co-chair: Kun Xu

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

Yanxi Liu

Major: *Statistics*

Dissertation: Change Point Detection with the Presence of Missing Values

Dissertation Chair: Michael Joseph Daniels

Dissertation Co-chair: Abolfazl Safikhani

Maedeh Lotfi

Major: *Mechanical Engineering*

Dissertation: Measuring and Modeling of Alignment in Engineered Tissue Constructs

Dissertation Chair: Malisa Sarntinoranont

Dissertation Co-chair: Ghatu Subhash

Jia Ma

Major: *Special Education*

Dissertation: Unveiling the Impact of Goal Setting on Self Regulation and Behavioral Functioning of Middle School Students with Emotional and Behavioral Disorders: Insights from Student and Teacher Reports

Dissertation Chair: Stephen W. Smith

Olatunde Oladimeji Madandola

Major: *Nursing Sciences*

Dissertation: Investigating the Relationship between Electronic Health Records User Interface Features and Data Quality of Patient Clinical Information

Dissertation Chair: Gail Keenan

Dissertation Co-chair: Ragnhildur Bjarnadottir

Robert Thomas Madden

Major: *Food Science*

Dissertation: Identification and Differentiation of Key Aroma Compounds in Mandarin and Sweet Orange Using Hyperspectral Imaging and Machine Learning Techniques

Dissertation Chair: Yu Wang

Arun M. Madhu

Major: *Physics*

Dissertation: Search for the Lepton Flavor Violating Neutrinoless Decay of Tau Lepton to Three Muons in Proton-Proton Collisions at LHC

Dissertation Chair: Andrey Korytov

Dissertation Co-chair: Yuta Takahashi

Rebika Makaju

Major: *Physics*

Dissertation: Probing Electron-Electron Interactions in One Dimensional Systems via Coulomb Drag

Dissertation Chair: Dominique Laroche



Andres Felipe Manrique

Major: *Public Health—Environmental Health*

Dissertation: *Cultivating Healthy Communities: Integrated Strategies for Enhancing Health Surveillance and Environmental Resilience in Crop Farmworker Communities*

Dissertation Chair: Benjamin D. Anderson

Richard James Marrero

Major: *Pharmaceutical Sciences—Clinical Pharmaceutical Sciences*

Dissertation: *Genome-Wide Association Study in Children Diagnosed with Acute Myeloid Leukemia*

Dissertation Chair: Jatinder Lamba

Mackenzie Kaitlin-Bern Martin

Major: *Special Education—Early Childhood Studies*

Dissertation: *Coaches' Self-Monitoring and Self-Evaluation of Practice-Based Coaching*

Dissertation Chair: Patricia Snyder

Sharon Njoki Mburu

Major: *Rehabilitation Science*

Dissertation: *The Remote Assessment of Gait and Balance Status of Older Adults in the Home*

Dissertation Chair: Consuelo Maun Kreider

Jordan Cornell McBreen

Major: *Agronomy*

Dissertation: *More Wheat for the Future: Increasing Grain Yield Potentials by Combining Genomic Selection & Multi-Trait Prediction in Multiple Environments and in Variable Plot Sizes*

Dissertation Chair: Md Ali Babar

Katharine R. McNamara

Major: *Public Health—One Health*

Dissertation: *People, Plants, and Pandemics: Shifting Multispecies Relationships during Disease Crises*

Dissertation Chair: Sarah Lindley McKune

Jay Colin Menees

Major: *Higher Education Administration*

Dissertation: *Increasing College Access and College Choice through Dual Enrollment*

Dissertation Chair: Cliff Haynes

Claudia Mercado Rodriguez

Major: *Medical Sciences—Cancer Biology*

Dissertation: *The Role of a Defined Bacterial Consortium on Intestinal DNA Methylation and Tumorigenesis*

Dissertation Chair: Christian Jobin

Cassandra Grace Modrak

Major: *Psychology*

Dissertation: *Investigating the Effects of Stress and Working Memory on Subsequent Meth-Seeking in Male and Female Rats and the Neural Mechanisms Underlying Them*

Dissertation Chair: Marek Schwendt

Jordan T. Moor

Major: *Food and Resource Economics*

Dissertation: *Market Connectivity and Resource Values: Examples from the Gulf of Mexico Reef-Fish Fisheries*

Dissertation Chair: Andrew Justin Ropicki

Dissertation Co-chair: Frank Asche

Emma Katherine Mulry

Major: *Chemistry*

Dissertation: *A Molecular Basis for Understanding Protein Pegylation and Expanding Its Applications*

Dissertation Chair: Matthew T. Eddy

Phillip Rene Navarro

Major: *Electrical and Computer Engineering*

Dissertation: *Functional Connectivity Mapping of Neuronal Circuits via Compressed Sensing*

Dissertation Chair: Karim Oweiss

Pingchien Neo

Major: *Environmental Engineering Sciences*

Dissertation: Understanding Experiences of Engineering Students on Faculty-Led Internship Abroad Programs

Dissertation Chair: Elliot P. Douglas

Elijah Stuart Paul Newcomb

Major: *Medical Sciences—Biochemistry and Molecular Biology*

Dissertation: Exploring the DNA Binding Step of the Clamp Loading Cycle by the *Escherichia coli* Clamp Loader Complex

Dissertation Chair: Linda B. Bloom

Caroline Hewitt Nickerson

Major: *Agricultural Education and Communication*

Dissertation: An Examination of the Impacts of University of Florida Institute of Food and Agricultural Services' Digital Field Experiences on Adults' Climate Change Knowledge, Thoughts, Concerns, and Behavioral Intentions

Dissertation Chair: Jamie Lynn Loizzo

Licínio Nunes de Miranda

Major: *History*

Dissertation: Land of Light: Slavery, Freed People, and Abolitionism in Brazil, 1879–1888

Dissertation Chair: Jeffrey D. Needell

Sara Katherine Nutley

Major: *Epidemiology—Data Sciences Epidemiology*

Dissertation: The Heterogeneity of Hoarding Behavior: Characterizing Disorder Diversity to Distinguish Etiology and Longitudinal Symptom Course

Dissertation Chair: Catherine Lenoir Striley

Dissertation Co-chair: Carol Mathews

Amber Leigh O'Connor

Major: *Public Health—Environmental Health and Clinical and Translational Science*

Dissertation: A Toxicological Assessment of Microplastic Fibers and Azobenzene Disperse Dyes on Respiratory Health

Dissertation Chair: Tracie R. Baker

Claudia Lorena Del Pilar Odgers Ascencio

Major: *Criminology, Law, and Society*

Dissertation: Perceived Social Support and Primary Desistance: A Qualitative Study of Chilean Men with High Criminal Involvement

Dissertation Chair: Rebecca Annice Hanson

Dissertation Co-chair: Jodi Lane

Similoluwa Olamipeju Ogundare

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: SH2B3 Modulates TNF α Induced Inflammatory Response in Endothelial Cells

Dissertation Chair: Clayton Mathews

Dissertation Co-chair: Todd M. Brusko

Nathan Laurence O'Neil

Major: *Agricultural and Biological Engineering*

Dissertation: Investigation of a Novel Cyanobacteria for Use in Bioprocessing & Bioregenerative Life Support Systems

Dissertation Chair: Ana D. Martin-Ryals

Dissertation Co-chair: Pratap C. Pullammanappallil

Dominick C. Padilla

Major: *Horticultural Sciences*

Dissertation: Root-Knot Nematode Resistance in Pepper: Inheritance, Loci Mapping, and Cultivar Development

Dissertation Chair: Balasubramani Rathinasabapathi

Ramón Francisco Padín-Monroig

Major: *Materials Science and Engineering*

Dissertation: Thermodynamic and Kinetic Evaluation of Iron-Carbon Alloys in High Magnetic Fields for Thermomagnetic Processing

Dissertation Chair: Michele V. Manuel

Payman Pahlavan

Major: *Electrical and Computer Engineering*

Dissertation: Multiband Glass Based Antenna in Package for Millimeter Wave Applications

Dissertation Chair: Yong-Kyu Yoon

Maximillian Kealoha Panoff

Major: *Electrical and Computer Engineering*

Dissertation: The Effects of Human Intention Prediction in High Mix Low Volume Workloads on Human Centric Robotic Assisted Manufacturing through Empathetic Job Scheduling

Dissertation Chair: Christophe Bobda

Hossein Pashazad

Major: *Civil Engineering*

Dissertation: Large Deformation Micro-Periporomechanics for Localized Failure and Discontinuity of Porous Media

Dissertation Chair: Xiaoyu Song

Kimberly Paulsen

Major: *Medical Sciences—Biochemistry and Molecular Biology*

Dissertation: KSHV miRNAs Target STING to Evade Innate Immunity and Facilitate KSHV Lytic Reactivation from Latency

Dissertation Chair: Zhe Ma

Qingqing Peng

Major: *Medical Sciences—Biochemistry and Molecular Biology*

Dissertation: Study on the C-Terminal Proteins of Adhesion P1 from *Streptococcus mutants* Using NMR Spectroscopy

Dissertation Chair: Joanna R. Long

Ignacio Javier Pickering

Major: *Chemistry*

Dissertation: Implementation and Development of Computational Protocols for the Application of Atomistic Neural Network Potentials to Biomolecular Simulations

Dissertation Chair: Adrian E. Roitberg

Celso Alfonso Poot

Major: *Interdisciplinary Ecology—Wildlife Ecology and Conservation*

Dissertation: Understanding Tapir Occupancy and Activity Patterns in a Multiuse Landscape: Exploring the Interplay of Human Disturbances, Environmental Factors, and Attitudes towards Tapir Conservation in Belize

Dissertation Chair: Holly Karina Ober

Dissertation Co-chair: Mysha Clarke

Jacob William Posey

Major: *Aerospace Engineering*

Dissertation: Multiphase Modeling of Reactive Polydisperse Aluminum Particles

Dissertation Chair: Ryan William Houim

Carla Gabriela Prieto

Major: *Counseling Psychology*

Dissertation: Exploring the Role of Critical Consciousness within the Psychology of Working Theory: An Investigation of Existing Measures

Dissertation Chair: Ryan Duffy

Wonn S. Pyon

Major: *Medical Sciences—Neuroscience*

Dissertation: Contributions of Dopamine to Risky Decision Making

Dissertation Chair: Jennifer Lynn Bizon

Dissertation Co-chair: Barry Setlow

Siwei Qin

Major: *Special Education—Early Childhood Studies*

Dissertation: The Development, Translation, and Adaptation of a Web-Based Caregiver Questionnaire to Assess Emergent Literacy in Four- and Five-Year-Old Mandarin-Speaking Children in the U.S.: A Feasibility Study

Dissertation Chair: Linda J. Lombardino

Dissertation Co-chair: Kristi Cheyney-Collante

Priyanka Ramlakhan

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

Dissertation: *Women on the Lion Seat: The Emergence of Panditas as Religious Leaders*

Dissertation Chair: Vasudha Narayanan

Victor Gabriel Rivera-Llabres

Major: *Chemical Engineering*

Dissertation: *Tunable Magnetic Microparticles and Hydrogel Biomaterials for Biomedical Imaging and Tissue Engineering Applications*

Dissertation Chair: Carlos M. Rinaldi-Ramos

Anna G. Rodell

Major: *Curriculum and Instruction*

Dissertation: *Learning to Be (In) Community: Oral Histories of a Colonia in the Texas Borderlands*

Dissertation Chair: Chonika Coleman King

Ivette Rodriguez Berdote

Major: *English*

Dissertation: *"The Way of the Saints": Orichas in Women's Writing of the Caribbean*

Dissertation Chair: Tace Megan Sutter Hedrick

Karen Lorena Romero Leal

Major: *Anthropology*

Dissertation: *Gender and Agrarian Extractivism in Transitional Times in Guaviare, Colombia*

Dissertation Chair: Catherine M. Tucker

Dissertation Co-chair: Richard Kernaghan

Suzanne Rosenzweig

Major: *Physics*

Dissertation: *A Search for Multi-Scalar Resonance Production at $\sqrt{s} = 13$ TeV in the 6 Quarks Decay Channel with the CMS Detector at the LHC*

Dissertation Chair: Jacobo Konigsberg

Dissertation Co-chair: Andrey Korytov

Christina Magda Rothenberger

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: *Characterization of an OMV-Specific Lipoprotein and Its Role in Aggregate Formation and Nutrient Acquisition in the Presence of Red Blood Cells*

Dissertation Chair: Mary Ellen Davey

Sk Nazmus Sakib

Major: *Public Health—Environmental Health*

Dissertation: *Serotype-Driven Environmental Persistence of *Vibrio cholerae* O1 in Haiti*

Dissertation Chair: Afsar Ali

Md Sami Ul Islam Sami

Major: *Electrical and Computer Engineering*

Dissertation: *End-to-End Secure IC Lifecycle Management*

Dissertation Chair: Mark Tehranipoor

Sukanda Sa-Ngaphan

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

Dissertation: *Teachers' Internalization of Translanguaging Pedagogy to Teach EAP: A Design-Based Research in a Thai University*

Dissertation Chair: Mark Pacheco

John Christopher Santelices

Major: *Microbiology and Cell Science*

Dissertation: *Deubiquitinase Inhibitors: A Potential Host-Derived Approach for Clearing Intracellular *Salmonella* Infection*

Dissertation Chair: Mariola J. Ferraro

Alexander Schaller

Major: *Horticultural Sciences—Environmental Horticulture*

Dissertation: *Advancing Pomegranate Cultivation in the Southeastern United States: Cultivar Evaluation, Genomic Insights, and Breeding Strategies for Disease Resistance and Short Juvenility*

Dissertation Chair: Zhanao Deng

Dissertation Co-chair: Sandra Barbour Wilson

William James Schap III

Major: *Astronomy*

Dissertation: *The Effect of Birth Environment on the Formation and Detection of Exoplanets and Astrobiological Life*

Dissertation Chair: Elizabeth Anne Lada

Mari Leigh Schroeder

Major: *Food Science*

Dissertation: *Assessment of Salmonella Cross-Contamination between Tomatoes and Food Contact Surfaces during Harvest, Postharvest, and Consumer Activities*

Dissertation Chair: Michelle D. Danyluk

Vincent Robert Schuetz

Major: *Mechanical Engineering*

Dissertation: *Advanced Multicomponent Detonation Theory*

Dissertation Chair: Donald Scott Stewart

Jesse Aron Scott

Major: *Forest Resources and Conservation*

Dissertation: *Expanding the Stream Quantification Tool (SQT) and the Large Woody Debris Index (LWDI)*

Dissertation Chair: Eben North Broadbent



Rahul Sengupta

Major: *Computer Science*

Dissertation: Machine Learning Approaches for Coordinated Management of Urban Traffic Intersections

Dissertation Chair: Sanjay Ranka

Dissertation Co-chair: Anand Rangarajan

Qian Shi

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

Dissertation: Performance Optimization of Acoustic Numerical Simulation by Spatio-Temporal Predictive Neural Network

Dissertation Chair: Ian Flood

Dissertation Co-chair: Hassan Azad

Clancy A. Short

Major: *Entomology and Nematology*

Dissertation: Nutritional Status and the Diapause Program Regulate Each Other in Insects

Dissertation Chair: Daniel Allen Hahn

Simranpreet Kaur Sidhu

Major: *Soil, Water, and Ecosystem Sciences*

Dissertation: Evaluate Potassium Recommendations to Improve the Yield and the Quality of Potatoes in Florida

Dissertation Chair: Lakesh K. Sharma

Dissertation Co-chair: Lincoln Zotarelli

William A. Sims Jr.

Major: *Computer Science*

Dissertation: Graph-Based Configuration Spaces: Convex Covering, Flattening, and Counting via Edge Contractions and Flips

Dissertation Chair: Meera Sitharam

Samantha Marie Smith

Major: *Medical Sciences—Neuroscience*

Dissertation: Decline of Paired Associates Learning in Aging and Traumatic Brain Injury

Dissertation Chair: Sara Nicole Burke

Frances May Smith-Hublou

Major: *Rehabilitation Science—Neuromuscular Plasticity*

Dissertation: Characterization of Deep Brain Stimulation Impacts on Respiratory Function in Parkinson Disease

Dissertation Chair: Karen W. Hegland

Elisa Michelle Solis Toapanta

Major: *Horticultural Sciences—Environmental Horticulture*

Dissertation: Indoor Propagation: Far-Red Light Effect on Rooting of Young Plants and Bioreactor-Based Micropropagation of Blueberries

Dissertation Chair: Wagner A. Vendrame

BoRam Song

Major: *Special Education—Early Childhood Studies*

Dissertation: Exploring the Moderating Role of Home Literacy Practices on the Relationship between Head Start Teachers' Instruction and Dual Language Learners' Early Literacy Skills

Dissertation Chair: Patricia Snyder

Domenique Christine Sorresso

Major: *Anthropology*

Dissertation: The Raw Materials of Mississippianization: Ceramic Production in the Central Tombigbee

Dissertation Chair: Charles Cobb

Gabriel A. Spandau

Major: *Agricultural Education and Communication*

Dissertation: Contamination Concerns: Social Media Content Analysis, Dispensary Insights, and Survey of Florida's Medical Cannabis Patients

Dissertation Chair: Jamie Lynn Loizzo

Bailey Marie Steinworth

Major: *Zoology*

Dissertation: Genomic Insights into the Life History of the Jellyfish *Cassiopea xamachana*

Dissertation Chair: Mark Q. Martindale

Jason Edward Steward

Major: *Agricultural Education and Communication*

Dissertation: How Does Personal Identity Influence Undergraduate Students' Major and Career Choice in Agricultural Education and Communication or Geomatics

Dissertation Chair: Grady Roberts

Michael Clifford Stoop

Major: *Anthropology*

Dissertation: Reclaiming Literacy: Choctaw Literacy (Re)Appropriation from 1824 to 2024

Dissertation Chair: George Aaron Broadwell

Thomas Schuyler Sturm

Major: *Philosophy*

Dissertation: Just Predictive Machine Learning: Accounts of Sufficiently Good Data, Dual-Threshold Satisficing, and Algorithmic Transparency

Dissertation Chair: Duncan Purves

Hannah M. Sweatland

Major: *Mechanical Engineering*

Dissertation: Safe Control Methods for Nonlinear Dynamical Systems

Dissertation Chair: Warren E. Dixon

Huilin Tang

Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*

Dissertation: Risk of Alzheimer's Disease and Related Dementias Associated with GLP-1 Receptor Agonists and SGLT2 Inhibitors in Adults with Type 2 Diabetes

Dissertation Chair: Jingchuan Guo

Dissertation Co-chair: Jiang Bian

Fatemeh Tavassoli

Major: *Computer Science*

Dissertation: Enhancing Colon Cancer Prediction Performance Using Gut Microbiome Data: Evaluation of Different Derived Datasets, Optimized Machine Learning Pipelines, Ensemble Models, and Reliability Testing

Dissertation Chair: Juan E. Gilbert

Behnam Tehrani

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

Dissertation: The Next Frontier in Construction Automation: A Two-Tier Framework for Integrating Robotics in the Framing Tasks of Industrialized Construction

Dissertation Chair: Aladdin Alwisy

Shelby Christina Thomas

Major: *Fisheries and Aquatic Sciences*

Dissertation: Analyzing Seagrass and Bay Scallop Restoration in Florida's Central Gulf Coast

Dissertation Chair: Joshua T. Patterson

Ruby Tiwari

Major: *Horticultural Sciences—Horticultural Sciences*

Dissertation: Effectiveness, Crop Safety, and Persistence of Preemergence Herbicides in Plasticulture Production

Dissertation Chair: Ramdas G. Kaniserry

Djundi Tjindra-Chen

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

Dissertation: Enhancing Synthetic Population Modeling through Vine Copula-Based Methods: From Hierarchical Dependencies to Improved Workplace Allocation

Dissertation Chair: Christopher Silver

Dissertation Co-chair: Martin Arnold Gold

Shandra Jamie Trantham

Major: *Genetics and Genomics*

Dissertation: Development of AAV9 Gene Replacement Therapy for TECPR2-Associated Disease

Dissertation Chair: Barry J. Byrne

Dissertation Co-chair: Manuela Corti

Rukshana Reepa Uddin

Major: *Chemistry*

Dissertation: Enzymatic Detoxification of *Brassica carinata* Seed Meal for Use In Human and Animal Nutrition

Dissertation Chair: Jon Dale Stewart

María Camila Vallejo Pareja

Major: *Zoology*

Dissertation: Fossil Anuran Communities of North and Central America: Body Size Estimation, Morphological Variation, and Biogeography

Dissertation Chair: David C. Blackburn

Dissertation Co-chair: Jonathan I. Bloch

Vinay Vijayakumar

Major: *Agricultural and Biological Engineering*

Dissertation: Development of a Machine Vision and Spraying System of a Robotic Smart Sprayer for Precision Weed Management in Specialty Crops

Dissertation Chair: Yiannis Ampatzidis

Dissertation Co-chair: Thomas Francis Burks



Elizabeth Sara Volpe

Major: *Civil Engineering*

Dissertation: Exploring Inclusive Spaces for Early Career Women in Civil Engineering

Dissertation Chair: Denise R. Simmons

Emily Duong-Dieu-Anh Vu

Major: *Genetics and Genomics*

Dissertation: The Virome of the Small Hive Beetle

Dissertation Chair: Bryony Bonning

Justin Reed Waletich

Major: *Zoology*

Dissertation: Characterizing Stem Cell Organization in the Colonial Marine Hydroid *Hydractinia symbiolongicarpus*

Dissertation Chair: Christine Schnitzler

Hsin-Min Wang

Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*

Dissertation: Risk of Falls and Related Injuries Associated with Antidepressant and Benzodiazepine Use among Older Adults with Depression

Dissertation Chair: Wei-Hsuan Jenny Lo-Ciganic

Wenting Wang

Major: *Plant Pathology*

Dissertation: Functional Characterization of Transcriptional Regulators in *Candidatus Liberibacter asiaticus*

Dissertation Chair: Nian Wang

Kate Diane Weiksnar

Major: *Environmental Engineering Sciences*

Dissertation: Optimization of Industrial Byproducts for Beneficial Use and Resource Recovery

Dissertation Chair: Timothy G. Townsend

Adrienne E. Widener

Major: *Biomedical Engineering*

Dissertation: Guest-Host Interlinked Microporous Annealed Particle Hydrogels as an Injectable Microenvironment for Islet Transplantation

Dissertation Chair: Edward A. Phelps

Alexandra Elizabeth Wolfer

Major: *Chemistry*

Dissertation: Modifications of Bovine Serum Albumin via Toluene and Alpha-Pinene Secondary Organic Aerosol Radicals: An Electronic Paramagnetic Resonance, Mass Spectrometry, and Circular Dichroism Spectroscopy Approach

Dissertation Chair: Gail E. Fanucci

Zhenfei Wu

Major: *Physics*

Dissertation: Topological Nodal Superconductors Inherited from Topological Semimetals

Dissertation Chair: Yuxuan Wang

Weijie Xu

Major: *Chemistry*

Dissertation: Carboxylesterases and Acyl-CoA Oxidase That Biosynthesize Ascarosides in *C. elegans*

Dissertation Chair: Rebecca Ann Butcher

Xiaodong Xu

Major: *Electrical and Computer Engineering*

Dissertation: Efficient Topologies in Delta-Sigma Modulator Based Data Converter

Dissertation Chair: Nima Maghari

Otmar Yakaboski

Major: *Mechanical Engineering*

Dissertation: A Combined Experimental and Modeling Protocol: Predicting Ignition of Cyclotrimethylenetrinitramine (RDX) Powder by Drop Impact

Dissertation Chair: Ashok V. Kumar

Xinyu Yan

Major: *Biostatistics*

Dissertation: Advancing Modeling Techniques for Predicting and Forecasting Substance Use Behaviors: Integrating Hidden Markov Models and Deep Learning Approaches with Microsimulation

Dissertation Chair: Xiangyang Lou

Dissertation Co-chair: Ji-Hyun Lee

Qiang Yang

Major: *Biomedical Engineering*

Dissertation: Neuronal Mechanisms of Visual Spatial Attention Control and Selection: Machine Learning-Based Studies

Dissertation Chair: Mingzhou Ding

Shuang Yang

Major: *Medical Sciences—Biomedical Informatics*

Dissertation: Developing Natural Language Processing and Statistical Algorithms to Enhance Pulmonary Nodule Characterization and LDCT Adherence Prediction Using Real-World Data

Dissertation Chair: Yi Guo

Dissertation Co-chair: Jiang Bian

S M Enamul Hoque Yousuf

Major: *Electrical and Computer Engineering*

Dissertation: Nonlinear Resonances and Phononic Frequency Combs in Atomically Thin Nanoelectromechanical Systems

Dissertation Chair: Philip Feng

Tan Yu

Major: *Industrial and Systems Engineering*

Dissertation: Modeling and Optimization for Resources Allocation in Healthcare Systems

Dissertation Chair: Xiang Zhong

Dissertation Co-chair: Yongpei Guan

Zeyu Yuwen

Major: *Statistics*

Dissertation: Low Tree-Rank Bayesian Vector Autoregression Models

Dissertation Chair: Leo Li Duan

Cheng Zeng

Major: *Statistics*

Dissertation: New Methods and Large Sample Theory in Bayesian Nonparametrics and Semiparametrics

Dissertation Chair: Leo Li Duan

Yangqing Zeng

Major: *Fisheries and Aquatic Sciences*

Dissertation: Physiological and Immunological Responses in the Northern Quahog *Mercenaria mercenaria* against Environmental Stresses

Dissertation Chair: Huiping Yang

Han Zhang

Major: *Chemical Engineering*

Dissertation: Shear-Induced Diffusivity of Concentrated Stokesian Suspensions

Dissertation Chair: Dmitry Kopelevich

Dissertation Co-chair: Jason E. Butler

Na Zhang

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

Dissertation: Gig Worker Behavior and Consumer Behavior in the Sharing Economy and Service Operations: Pricing and Welfare Implications

Dissertation Chair: Anand Abraham Paul

Dissertation Co-chair: Liangfei Qiu

Xiaoliang Zhang

Major: *Physics*

Dissertation: Electronic, Spin and Vibrational Mode Coupling in Low-Dimensional Materials

Dissertation Chair: Xiaoguang Zhang

Yichi Zhang

Major: *Computer Science*

Dissertation: Algorithms for Characterizing Configuration Spaces of Distance-Constrained Point-Sets and Applications to Molecular and Soft-Matter Assembly

Dissertation Chair: Meera Sitharam

Hanqin Zhao

Major: *Chemical Engineering*

Dissertation: Rational Design of TiO₂ Supported Catalysts Using Strong Metal-Support Interactions (SMSIs) and Atomic Layer Deposition

Dissertation Chair: Helena E. Hagelin-Weaver

Haohao Zhao

Major: *Horticultural Sciences*

Dissertation: Elucidation of Aldoxime-Mediated Metabolic Networks in Tomato

Dissertation Chair: Jeongim Kim

Ran Zhi

Major: *Interdisciplinary Ecology—Soil and Water Sciences*

Dissertation: Soil Phosphorus in Subtropical Grasslands: Patterns, Drivers, and Legacy Effects

Dissertation Chair: Jiangxiao Qiu

Mingwei Zhou

Major: *Chemistry*

Dissertation: Developing Tools for Investigating Cell Surface by Combining Electron Paramagnetic Resonance (EPR) and Biosynthesis Techniques

Dissertation Chair: Gail E. Fanucci

Linkai Zhu

Major: *Animal Molecular and Cellular Biology*

Dissertation: Molecular Programming of Gametes and Pre-Implantation Embryos In Livestock Species

Dissertation Chair: Zongliang Jiang

DOCTOR OF EDUCATION

Amber Rose Abels

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Integrating Socioscientific Asynchronous Discussions in a Blended Biology Lab: Impacts on Community of Inquiry and Attitudes toward Science

Dissertation Chair: Pavlo D. Antonenko

Dissertation Co-chair: Wanli Xing

Edward Anthony Brace

Major: *Educational Leadership*

Dissertation: A Qualitative Thematic Analysis Study of Public School Principals' Experiences Employing Strategies for Teacher Retention in the Aftermath of the COVID-19 Pandemic

Dissertation Chair: Christopher Redding

Eric M. Brown

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Impacts of the Sequencing of Blended Virtual and Physical Laboratory Investigation on Experimental Design Skills and Conceptual Learning for IB Physics Students

Dissertation Chair: Wanli Xing

Michael J. Cann

Major: *Special Education*

Dissertation: Improving Communication between Hospitals and Schools: The Role of Care Plans in the Transition of Youth from Inpatient Psychiatric Hospitalization to the School Setting

Dissertation Chair: Linda J. Lombardino

Dissertation Co-chair: Kristi Cheyney-Collante

Jennifer Henderson Clarke

Major: *Educational Leadership*

Dissertation: Understanding the Experiences of Alternatively Certified Teachers Who Remain in the Teaching Profession

Dissertation Chair: Christopher Redding

Kelly Jean Diamond

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: The ACRL Framework for Information Literacy and Online Credit Bearing Information Literacy

Course Outcomes

Dissertation Chair: Swapna Kumar

Kassie Rebecca Erenstoft

Major: *Educational Leadership*

Dissertation: The Leadership Fulcrum: How School Principals Foster a Climate of Trust Amidst Times of Turbulence

Dissertation Chair: Walter F. Balsler

Rafael de Jesus Gonzalez

Major: *Higher Education Administration*

Dissertation: The Role of Race and Sexuality in the Experiences of Gay Latino Cisgender Male Graduate Students at a Predominantly White Institution in Florida

Dissertation Chair: Lindsay Byron

Brittany Dawn Lewis

Major: *Higher Education Administration*

Dissertation: The Explanation of How Alcohol Shapes a College Campus: A Case Study

Dissertation Chair: Lindsay Byron

Emily Kathleen Long

Major: *Higher Education Administration*

Dissertation: Experiences of Women of Color Attending Predominately White Women's Colleges

Dissertation Chair: Lindsay Byron

Heather Mullins

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: What Are the U.S. News Representations of the Deaf and Hard-of-Hearing in the Context of Educational Communications and Technology Reporting?

Dissertation Chair: Pavlo D. Antonenko

Dissertation Co-chair: Maya Israel

Mariah Margaret Plociniak

Major: *Higher Education Administration*

Dissertation: Campus Culture, Student Substance Use, and the Student-Faculty Relationship: A Qualitative Case Study of Faculty and Student Experiences at a Large Public University

Dissertation Chair: Justin C. Ortagus

Elizabeth Hughes Register

Major: *Curriculum and Instruction—Educational Technology*

Dissertation: Illustrating Teachers' Perceptions Regarding the Impact of the Noom Mood App on Building Resilience in K-12 Teachers

Dissertation Chair: Kara Dawson

Temia C. Sibley

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

Dissertation: Soaring to Our Destiny "Exploring the Evolution of a Community of Practice in Early Childhood Education and Care: A Practitioner Inquiry within a Private Preschool Academy"

Dissertation Chair: Taryrn Brown

DOCTOR OF BUSINESS ADMINISTRATION

Michael John Baker
Christopher Edwin Chatwin
Scott Frush

Benjamin Buxton Morris
Tom Jose Mullen

Elaine Richards
Denis X. Vanegas

DOCTOR OF PLANT MEDICINE

Adam Pitcher

Taylor Elizabeth Smith

PROFESSIONAL DEGREES

THE FREDRIC G. LEVIN COLLEGE OF LAW

Interim Dean Merritt McAlister

JURIS DOCTOR

Danielle Sally Brouillette
Chloe A. Denney
Gus D. Formato
Christopher John Gatzke
Mori Zosha Harris

Mark Patrick Kelly
Mordechai Tsvi Krasnjanski
Cheslee Gail Mathis
Matthew J. Robinson
Menachem M. Schulgasser

Sarah Chana Semnyetzky
Angela Marie Silva
Melvin D. Stack Jr.
Zachary Brandon Torres
Jackson Grey Wewers

MASTER OF LAWS IN INTERNATIONAL TAXATION

Abdulrahman Saad Bin Zuayr

Giordi Andre Candia Heredia

Christopher John Gatzke

MASTER OF LAWS IN TAXATION

Danielle Sally Brouillette
Emily Bumbulis
Chloe A Denney
Gus D. Formato
Stephanie Galvis
Kaitlin Ann Gibbs
Kadeem Hall
Mori Zosha Harris

David Heeren
Amy C. Hogue
Branch Howard
James Kris Ivanov
George Alejandro Izquierdo
Mordechai Tsvi Krasnjanski
Emily J. Lethbridge

Cheslee Gail Mathis
Menachem M. Schulgasser
Olivia Simone Sica
Angela Marie Silva
Katie Michelle Stephens
Zachary Brandon Torres
Jackson Grey Wewers



THE COLLEGE OF NURSING

Dean Shakira Henderson

DOCTOR OF NURSING PRACTICE

Kelly Marie Delowery
Sandra Maribel Escobar
Karla Vaness Ferreira

Ana Laura Sánchez Villarreal
Cheryl A. Schmidt
Kevin Cho Tipton

Holly M. Velez
Katie Wilczak

THE COLLEGE OF PUBLIC HEALTH AND HEALTH PROFESSIONS

Dean Beth A. Virnig

DOCTOR OF OCCUPATIONAL THERAPY

Shahid Adam
Taylor Lynn Allore
Valentina Amaya
Monika M. Beard
Daphne Christine Blessing
Karen Kathryn Bruchs
Courtney Ashlyn Dougherty
Sara Shirley Eisman
Haley Elizabeth Esperanza
Judelisse Falu-Rosario
Gina Elizabeth Froehlich
Paige M. Gibson
Miranda Elizabeth Glotfelty
Lauren Hope Goboff
Jessica Goldman
Samantha Marie Gommel
Miranda Alicia Greene
Cameron Hall

Gabrielle Nicole Hernani
Sophia Marie Edda Hoff
Ilana Hollender
Britany Shauntay Adonic Jefferson
Ashley Taylor Kent
Midjina Lebrun
Taylor Paige Lessem
Julia Stephanie Levy
Olivia Anne Long
Janyla Juliana Manley
Gianna M. Martello
Madilyn Julia Maschhoff
Sydney Adele Mason
Zachary Phillip Messer
Caroline Medley Morgan
Bridget Nelson
Natasha Isabella Neyra
Angel Nguyen

Nhuy Nguyen
Amber Rai Nipper
Kaitlin Patricia Pelzer
Kendall Ann Phillips
Lily Suzanne Pinkham
Morgan Elizabeth Pleasants
Emma Grace Poole
Abbey Lynn Raddi
Clare Loring Redrick
Kaitlyn Rose Schepke
Kaitlyn Elizabeth Schorr
Christa Elizabeth Soyars
Tatum Elizabeth Sybert
Krista Nicole Strickland Taylor
Genesis Arianna Triplett
Nicole Stephanie Uzieda
Madison Anna Sophia Wallace





Chain of Office

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

Academic Mace

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

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



Diplomas

Diplomas will be mailed to the graduates' diploma mailing address in February of 2025.

Caps and Gowns, An Explanation

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.

