

Commencement

UF | UNIVERSITY *of*
FLORIDA

SOCIAL MEDIA

Whether you're a #UFGRAD or you are coming to celebrate a #UFGrad in the O'Connell Center or our stadium watch parties, we invite you to join the commencement conversation on social media. Select tweets will be featured on the video boards prior to the ceremony.

PHOTOGRAPHS

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

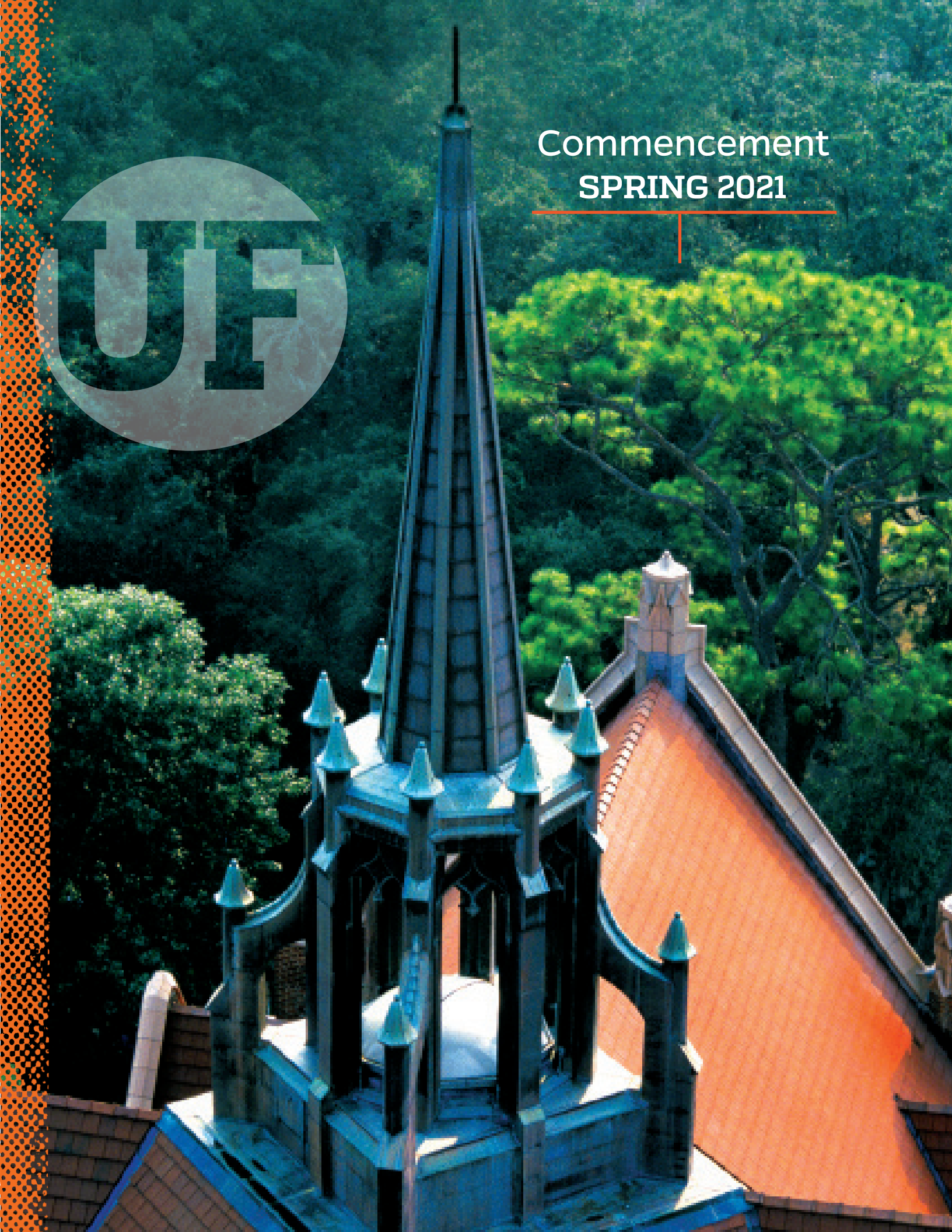
COMMENCEMENT PROGRAM

In addition to the two copies candidates received in the mail, a downloadable electronic version of this commencement program can be found on the commencement website at <https://commencement.ufl.edu/past-programs/>

THIS IS NOT AN OFFICIAL GRADUATION LIST

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

Commencement
SPRING 2021



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 the historic year of 2021.

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

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

The university has benefitted from your research work, teaching, insights and discoveries, and we are grateful to you for your time here. You are a unique class, and though we know your experience has been different, we hope that you will look back on it 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 became the 12th President of the University of Florida in January 2015. Building on many years of excellence and focused on leadership, the university has since reached its goal of joining the nation's top-ten public research universities.

Dr. Fuchs has set UF on a path to joining the top-five public research universities and becoming the nation's number one university for comprehensive excellence. UF is working toward those goals through 600 new faculty positions, the addition of advanced and beautiful university facilities, a nearly complete \$3 billion fundraising campaign and a university wide artificial intelligence initiative.

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

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

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

Dr. Fuchs is married to Linda Moskeland Fuchs, an art historian. The Fuchs family has three sons, a daughter and three grandchildren.

Born on an Oklahoma farm in 1954, President Fuchs spent much of his youth in Alaska before moving to Miami, where he graduated from Miami Killian Senior High School.



University of Florida Leadership

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Chancellor

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Commissioner of Education

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Vice Chair

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Marsha D. Powers

Fred Ridley

Anita G. Zucker

President and Vice Presidents of the University

W. Kent Fuchs, Ph.D.

President

Joseph Glover, Ph.D.

Provost and Senior Vice President - Academic Affairs

Chris Cowen, M.B.A.

Senior Vice President and Chief Financial Officer

Charles E. Lane, D.P.A.

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Elias G. Eldayrie, M.B.A.

Vice President and Chief Information Officer - Information Technology

Zina Evans, Ph.D.

Associate Provost and Vice President - Enrollment Management

Jodi Gentry, M.A.

Vice President - Human Resource Services

Amy M. Hass, J.D.

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Thomas J. Mitchell, M.S.

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Vice President - Research

Nancy Paton, M.S.

Vice President - Strategic Communications and Marketing

Curtis Reynolds, M.B.A., M.S.E.E.

Vice President - Business Affairs

Deans of the University

R. Elaine Turner, Ph.D.

College of Agricultural and Life Sciences

Onye P. Ozuzu, M.F.A.

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

Cammy R. Abernathy, Ph.D.

Herbert Wertheim College of Engineering

Henry T. Frierson, Ph.D.

The Graduate School

Michael Reid, Ph.D.

College of Health and Human Performance

Thomas A. Obreza, Ph.D.

Interim, IFAS Extension

Robert Gilbert, Ph.D.

IFAS Research

Leonardo Villalón, Ph.D.

International Center

Spiro Kiouisis, Ph.D.

Interim, College of Journalism and Communications

Laura A. Rosenbury, J.D.

Fredric G. Levin College of Law

David E. Richardson, Ph.D.

College of Liberal Arts and Sciences

Colleen Koch, M.D., M.S., M.B.A.

College of Medicine

Anna M. McDaniel, Ph.D., R.N.

College of Nursing

Julie A. Johnson, Pharm.D.

College of Pharmacy

Michael G. Perri, Ph.D.

College of Public Health and Health Professions

Dana Zimmel, D.V.M.

Interim, College of Veterinary Medicine

Judith C. Russell, M.S.

University Libraries

Heather White, Ph.D.

Dean of Students

GRADUATE SCHOOL

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

DOCTOR OF PHILOSOPHY

Nicholas J. Abuid

Major: *Biomedical Engineering*

Dissertation: Engineering Cerium Oxide Nanoparticle Coatings for Antioxidant/Anti-Inflammatory Protection of Biomaterials and Tissue Grafts

Dissertation Chair: C. Stabler Anderson

Charles P. Acheson

Major: *English*

Dissertation: In the Code's Shadow: Censorship, Underground Comix, and the Rise of American Graphic Memoir

Dissertation Chair: A. M. Ulanowicz

Daniel N. Acton

Major: *Criminology, Law, and Society*

Dissertation: Sibling Influences: Delinquency and Victimization

Dissertation Chair: C. L. Gibson

Hebaalla M. Agha

Major: *Pharmaceutical Sciences—Medicinal Chemistry*

Dissertation: Targeting Chronic Pain through the Design of Sigma-1 Receptor Antagonists with Insights on Structure Activity and Structure Metabolism Relationships

Dissertation Chair: C. R. McCurdy

Majed Albadi

Major: *Rehabilitation Science*

Dissertation: The Relationship between Neurocognition and Lateral Ankle Sprain

Dissertation Chair: M. Horodyski

Ricardo Iván Alcalá Briseño

Major: *Plant Pathology*

Dissertation: Virome Network Analysis: A Network Framework for Studying Landscape Agroecology of Plant Viromes for Disease Management

Dissertation Chair: K. A. Garrett

Rawan Aldhabi

Major: *Rehabilitation Science*

Dissertation: The Effect of Hip Abductor Muscles' Strength on Balance and Gait following Total Knee Arthroplasty

Dissertation Chair: M. Horodyski

Brendon Connor Allen

Major: *Mechanical Engineering*

Dissertation: Characterization and Compensation of the Electromechanical Delay during FES-Cycling

Dissertation Chair: W. E. Dixon

Quinton Matthew Allen

Major: *Horticultural Sciences*

Dissertation: Metabolic Engineering of the Astaxanthin Biosynthetic Pathway in Citrus

Dissertation Chair: J. X. Chaparro

Dissertation Co-chair: B. Rathinasabapathi

Ali Kareem Shyyish Al-Quraishi

Major: *Environmental Engineering Sciences*

Dissertation: Ecohydrological Degradation and Restoration of the Mesopotamian Marshlands

Dissertation Chair: D. A. Kaplan

Abdulelah Al-Tokhais

Major: *Health and Human Performance*

Dissertation: Stakeholders' Perspectives on Community Participation in At-Turaif District in Historical Ad-Diriyah, Saudi Arabia

Dissertation Chair: B. Thapa

Dylan Michael Anstine

Major: *Materials Science and Engineering*

Dissertation: Assessing Adsorption Space Diversity of Microporous Polymers with Molecular Simulations

Dissertation Chair: C. M. Colina

Julia M. Arroyo

Major: *Sociology*

Dissertation: Pathways into Raising Grandchildren among Latinx Grandparents in Central Florida

Dissertation Chair: B. A. Zsembik

Ashish Tripathy Asutosh

Major: *Design, Construction and Planning*

Dissertation: A Decision Model to Assess the Technical and Economic Feasibility of Building Integrated Photovoltaics (BIPV)

Dissertation Chair: C. J. Kibert

Dissertation Co-chair: N. O. Nawari

Summer Rebecca Nicole Atkins

Major: *Mathematics*

Dissertation: Regularization of Singular Control Problems that Arise in Mathematical Biology

Dissertation Chair: M. Martcheva

Dissertation Co-chair: W. W. Hager

Ian James Ausprey

Major: *Zoology*

Dissertation: Avian Community Disassembly in Fragmented Cloud Forests of the Peruvian Andes

Dissertation Chair: S. K. Robinson

Raheleh Baharloo

Major: *Electrical and Computer Engineering*

Dissertation: Long-Term Pain Characterization through Intra-Operative Vital Signs

Dissertation Chair: P. Rashidi

Dissertation Co-chair: J. C. Principe

Peiliang Bai

Major: *Statistics*

Dissertation: Multiple Change Points Detection in Vector Autoregressive Models

Dissertation Chair: G. Michailidis

Steevie Lyn Bailey

Major: *Counseling and Counselor Education*

Dissertation: Correctional Officers' Experiences of a Prison-Based Animal Program Implemented at a Southern U.S. Correctional Facility

Dissertation Chair: J. Swank

Beverly Kay Barnett

Major: *Fisheries and Aquatic Sciences*

Dissertation: Inferring Aspects of Northern Gulf of Mexico Reef Fish Ecology via Radiocarbon Analysis of Fish Otoliths and Tissues

Dissertation Chair: W. F. Patterson III

Edmund Wakeling Basham

Major: *Interdisciplinary Ecology*

Dissertation: Vertical Stratification of Tropical Forest Biodiversity across Multiple Scales of Space and Time

Dissertation Chair: B. R. Scheffers

Suman Kumar Bhattacharya

Major: *Statistics*

Dissertation: Properties of Gibbs Samplers for the Horseshoe and Its Regularized/Truncated Variants, and a Central Limit Theorem for the Batch Means Estimator on MCMC Variance

Dissertation Chair: K. Khare

Nichole D. Bishop

Major: *Interdisciplinary Ecology*

Dissertation: A Nutritional Ecology Study of *Dermatemys mawii*, A Critically Endangered Species of Fresh-Water Turtle Endemic to Central America

Dissertation Chair: R. R. Carthy

Dissertation Co-chair: K. A. Björndal

Jyothi Swaroop Bommidi

Major: *Agricultural Education and Communication*

Dissertation: Understanding Capacities of Community Resilience

Dissertation Chair: S. Galindo

Deanna Bousalis

Major: *Biomedical Engineering*

Dissertation: Decellularized Tissues as Platforms for Disease Understanding and Therapeutic Development

Dissertation Chair: C. E. Schmidt

Kristen Bowers

Major: *Entomology and Nematology*

Dissertation: Ecological Host Range, Behavior, and Potential Economic Impact of *Pseudophilothrips ichini*, A Biological Control Agent for *Schinus terebinthifolia*

Dissertation Chair: C. R. Minter-Killian

Renuka Bowrothu

Major: *Electrical and Computer Engineering*

Dissertation: Energy Efficient Passives for 5G and Millimeter Wave Applications

Dissertation Chair: Y. K. Yoon

Ariana C. Brice-Tutt

Major: *Pharmaceutical Sciences—Pharmacodynamics*

Dissertation: Therapeutic and Mechanistic Evaluation of Novel Multifunctional Opioid Ligands: Implications for the Treatment of Opioid Use Disorder and Pain

Dissertation Chair: J. P. McLaughlin

Maria del Pilar Buteler

Major: *Chemistry*

Dissertation: Elucidating Allosteric Regulation in Human Ribonucleotide Reductase Using Computational Tools

Dissertation Chair: A. E. Roitberg

John S. Butterfield

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: Modulating Immune Responses in AAV Gene Therapy for Hemophilia

Dissertation Chair: R. W. Herzog

Dissertation Co-chair: S. Zolotukhin

Stephanie M. Calo

Major: *Linguistics*

Dissertation: Improving the Pronunciation of English Language Learners

Dissertation Chair: G. E. Lord-Ward

David Neil Campbell

Major: *Horticultural Sciences*

Dissertation: Optimization of Cultural Practices to Improve Tree Fruit Quality and Yield in Florida

Dissertation Chair: D. D. Treadwell

Dion Campbell

Major: *Sociology*

Dissertation: *Community and Identity among Those Who Play Video Games: A Grounded Approach*

Dissertation Chair: M. J. Borg

Cheng Chen

Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*

Dissertation: *Utilization, Safety, and Effectiveness of Prescription Gabapentinoids and Opioids among Older Adults*

Dissertation Chair: Y. Wei

Shuhang Chen

Major: *Mathematics*

Dissertation: *Stabilization and Acceleration of Reinforcement Learning Algorithms*

Dissertation Chair: W. W. Hager

Dissertation Co-chair: S. P. Meyn

Kwansun Cho

Major: *Electrical and Computer Engineering*

Minor: *Communication Sciences and Disorders*

Dissertation: *Foreign Accent Assessment in Second-Language Vowels*

Dissertation Chair: J. G. Harris

Jeyoul Choi

Major: *Religion*

Dissertation: *Negotiating Marginality: The Rise of Religious Individualism in a Korean Methodist Church*

Dissertation Chair: D. G. Hackett

Winston Thomas Chu

Major: *Biomedical Engineering*

Dissertation: *Advances in Neuroimaging of an Alpha-Synuclein Mouse Model and Human Brainstem*

Dissertation Chair: D. E. Vaillancourt

Dissertation Co-chair: M. Ding

Conrad R. Cole

Major: *Mechanical Engineering*

Dissertation: *Thermodynamic Analysis of Oxygen Vacancy Formation Reaction in Nonstoichiometric Oxides for Solar Energy Conversion and Storage*

Dissertation Chair: D. W. Hahn

Dissertation Co-chair: C. Taylor

Jeremy S. Coleman

Major: *Pharmaceutical Sciences—Medicinal Chemistry*

Dissertation: *Design and Synthesis of Didehydro-Cortistatin A Analogs as Novel Tat Inhibitors for the Potential Treatment of HIV*

Dissertation Chair: J. V. Aldrich

Frank Larry Conic III

Major: *Higher Education Administration*

Dissertation: *Analysis of the Impact of SB 1720 on Gateway Math Courses*

Dissertation Chair: D. A. Kramer

Kevin J. Cooley

Major: *English*

Dissertation: *Queer Beyond Here: Animated Sex and How to Get Used to It*

Dissertation Chair: A. M. Ulanowicz

Jill Elizabeth Coste

Major: *English*

Dissertation: *Once upon a Revolution: Forms of Resistance in the Contemporary Young Adult Fairy Tale*

Dissertation Chair: K. B. Kidd

Matthew Robert Cretul Sr.

Major: *Mass Communication*

Dissertation: Forced Adoption: A Look at Florida's Telehealth Adoption Plan in Response to the COVID-19 Global Pandemic

Dissertation Chair: D. M. Treise

Jennifer Marie Crook

Major: *Nursing Sciences*

Dissertation: Insufficient Vitamin C Levels in the United States and the Association with Inflammation and Chronic Disease

Dissertation Chair: V. M. Johnson-Mallard

Lisa Suzanne Curry-Pochy

Major: *Psychology*

Dissertation: Restricted, Repetitive Behavior in C58 Mice and the Role of the Subthalamic Nucleus

Dissertation Chair: M. H. Lewis

Michelle Daher

Major: *Mathematics*

Dissertation: Applications of Surgery Theory to Geometry

Dissertation Chair: A. N. Dranishnikov

Bryan Lawrence Danson

Major: *Fisheries and Aquatic Sciences*

Dissertation: Spawning Characteristics and Juvenile Development of Two Species of Popular Loricariidae Catfishes, *Otocinclus vittatus* and *Panaqolus maccus*

Dissertation Chair: C. L. Ohs

Lisa Illene David

Major: *Botany*

Dissertation: Effect of Systemic Acquired Resistance on Guard Cell Immunity

Dissertation Chair: S. Chen

Atul Prasad Deb Nath

Major: *Electrical and Computer Engineering*

Dissertation: Resilient Architectures for System-On-Chip Platform Security Assurance

Dissertation Chair: S. Bhunia

Dissertation Co-chair: S. Ray

Mykela J. DeLuca

Major: *Chemical Engineering*

Dissertation: Unraveling Mechanisms of Methanol-To-Olefin Chemistry

Dissertation Chair: D. Hibbitts

Nicholas A. DeRobertis

Major: *Business Administration—Finance*

Dissertation: Valuation without Cash Flows: What Are Cryptoasset Fundamentals?

Dissertation Chair: A. Naranjo

Katelyn M. Desorcy-Scherer

Major: *Nursing Sciences*

Dissertation: Determinants of Intestinal Inflammation and Microbiome Development in Very Low-Birth-Weight Infants

Dissertation Chair: L. A. Parker

Mackenzie J. Dickson

Major: *Animal Molecular and Cellular Biology*

Dissertation: Unraveling the Mechanisms behind Long-Term Infertility following Uterine Disease in Dairy Cows

Dissertation Chair: J. J. Bromfield

Elliott William Dirr

Major: *Biomedical Engineering*

Dissertation: Treatment of Cardiometabolic Dysfunction Using Targeted Parasympathetic Neuromodulation

Dissertation Chair: K. Otto

Atul Kumar Divakarla

Major: *Physics*

Dissertation: Memory Effects in the Era of Gravitational Wave Astronomy

Dissertation Chair: B. F. Whiting

Moses R. Divaker

Major: *Aerospace Engineering*

Dissertation: Equivalent Wing Numerical Lifting Line Theory for Predicting Rotor Performance

Dissertation Chair: P. G. Ifju

Dissertation Co-chair: S. Roy

Chenxing Dong

Major: *Astronomy*

Dissertation: Extreme Galaxies and Extreme Cosmology

Dissertation Chair: A. H. Gonzalez

Jacqueline A. Donovan

Major: *Higher Education Administration*

Dissertation: Essays on the Community College Baccalaureate: A Multi-Level Policy Analysis

Dissertation Chair: D. A. Kramer

Nicholas Sean Dowhaniuk

Major: *Geography*

Dissertation: Illness, Health-Seeking Behavior, and Community-Health in Northern Uganda: A Community-Based Participatory Approach

Dissertation Chair: G. E. Glass

Tianna Irene Dowie-Chin

Major: *Curriculum and Instruction*

Dissertation: My Child's First Teacher: Utilizing Black Mothers' Counter-Narratives to Reimagine Black Schooling

Dissertation Chair: C. L. Busey

Dissertation Co-chair: E. Bondy

Xiaochen Du

Major: *Curriculum and Instruction*

Dissertation: English-Speaking Students' Learning Experiences in a Dual Language Immersion Program

Dissertation Chair: D. Fu

Lisa G. Duffy

Major: *Anthropology*

Dissertation: Using Residue Analysis to Explore Ancient Maya Recipes and Food-Processing Technology

Dissertation Chair: K. F. Emery

Bogdan-Cristian Dumitru

Major: *History*

Dissertation: An Uneasy Encounter: National Activists Meet the People. Negotiating National Identity and Political Loyalty in Interwar Transylvania

Dissertation Chair: A. Freifeld

Jaquelin Elliott

Major: *English*

Dissertation: Monstrous Affinities: Fandom and the Post-Millennial Queer Monster

Dissertation Chair: K. B. Kidd

Abdelrahman Hamdy Eid Elsayed

Major: *Pharmaceutical Sciences—Clinical Pharmaceutical Sciences*

Dissertation: Pharmacogenomic and Transcriptomic Approaches for Guiding Treatment Options in Pediatric Acute Myeloid Leukemia (AML)

Dissertation Chair: J. K. Lamba

Nihal Elvanoglu

Major: *Design, Construction and Planning*

Dissertation: *Recreating the United States' Oldest European Settlement: The Preservation of St. Augustine, Florida at Mid-Twentieth Century*

Dissertation Chair: V. Baweja

Michael T. Engen

Major: *Mathematics*

Dissertation: *Universal Combinatorial Structures*

Dissertation Chair: V. Vatter

Shangradhanva Eswara Vasisth

Major: *Materials Science and Engineering*

Dissertation: *Resistive Switching in Core-Shell Nanowires*

Dissertation Chair: J. C. Nino

Ahmed Hassan Fahmy

Major: *Electrical and Computer Engineering*

Dissertation: *Analog Circuit Design Using Digital Standard Cells*

Dissertation Chair: N. Maghari

Yang Fang

Major: *Horticultural Sciences*

Dissertation: *Evaluating Containerized Production and Root System Architecture in Southern Highbush Blueberry*

Dissertation Chair: P. R. Munoz

Asmaa Mohamednoor Fatani

Major: *Nutritional Sciences*

Dissertation: *Dietary Supplementation for Improvement of Gastrointestinal Symptoms and Quality of Life in Individuals with Kidney Failure*

Dissertation Chair: W. J. Dahl



Natalie Louise Kincy Ferand

Major: *Agricultural Education and Communication*

Dissertation: Implications of Science Illumination in a High School Floriculture Curriculum

Dissertation Chair: B. E. Myers

Zhenyu Fu

Major: *Nuclear Engineering Sciences*

Dissertation: Understanding the Microstructure and Fission Products of Post-Irradiated TRISO Fuel

Dissertation Chair: Y. Yang

Dissertation Co-chair: I. Van Rooyen

James C. Fulton

Major: *Plant Pathology*

Dissertation: Applying Genomic Diagnostic Techniques to Plant Pathology: A Redefinition of Form and Function

Dissertation Chair: N. S. Dufault

Christian Kyle Garcia

Major: *Health and Human Performance*

Dissertation: Metabolic Heart Dysfunction after Exertional Heat Stroke: The Roles of Heat Load, Workload, and Testosterone

Dissertation Chair: T. L. Clanton

Angelica Milagros Garcia Villacorta

Major: *Interdisciplinary Ecology*

Dissertation: Factors Affecting Spatial Distribution, Cultural Perceptions and Sustainability of Palm Management in Madre de Dios, Peru

Dissertation Chair: S. G. Perz

Mahek Garg

Major: *Pharmaceutical Sciences—Pharmaceutical Outcomes and Policy*

Dissertation: Use, Misuse, and Safety of Antibiotics

Dissertation Chair: H. Park

Joshua Robert Garno

Major: *Aerospace Engineering*

Dissertation: Point-Particle Force Modeling in Detonation-Driven Flow

Dissertation Chair: S. Balachandar

Dissertation Co-chair: T. L. Jackson

Gabriela Livia Ghita

Major: *Biostatistics*

Dissertation: Improved Missing Data Methods: Propensity Score Calibration and Weighted GEE Estimators

Dissertation Chair: B. A. Brumback

Sankalp Gilda

Major: *Astronomy*

Dissertation: Machine Learning for Stellar and Galaxy Characterization

Dissertation Chair: D. T. Narayanan

Anna E. Gioseffi

Major: *Microbiology and Cell Science*

Dissertation: *Leishmania*-Infected Macrophages Release Extracellular Vesicles Which Contain Host and Parasite-Derived Molecules and Contribute to Pathogenesis

Dissertation Chair: P. E. Kima

Peter R. Gitto

Major: *English*

Dissertation: Unveiling Violence in Post-Socialist Art Cinema

Dissertation Chair: B. C. Mennel

Pamir Gogoi

Major: *Linguistics*

Dissertation: Affinity between Nasality and Breathiness: An Acoustic Analysis

Dissertation Chair: R. Wayland

Ryan Zachary Good

Major: *Geography*

Dissertation: Land Cover and Environmental Change and Their Implications in East Africa

Dissertation Chair: J. Southworth

Dissertation Co-chair: M. E. Swisher

Kyle B. Griffin

Major: *Agricultural and Biological Engineering*

Dissertation: A Kinetic Model for *Methylosinus trichosporium* OB3b Utilization of Synthetic Food Waste-Derived Biogas for Growth and Polyhydroxybutyrate Production

Dissertation Chair: P. C. Pullammanappallil

Dissertation Co-chair: S. A. Svoronos

Liheng Guan

Major: *Mechanical Engineering*

Dissertation: Bedload Transport with Implementation of Euler-Lagrange Point-Particle Approach and Finite-Release Gravity Current over a Wavy Bottom Wall

Dissertation Chair: S. Balachandar

Zhen Guan

Major: *Forest Resources and Conservation*

Dissertation: Using High-Resolution Ground-based Imagery for Strawberry Biophysical Parameter Estimation and Radiative Transfer Modeling

Dissertation Chair: A. H. Abd-Elrahman

Wenxiao Guo

Major: *Chemistry*

Dissertation: The Role of Adsorbates in Plasmon-Driven Photochemical Processes

Dissertation Chair: W. Wei

Heather E. Hannaford

Major: *English*

Dissertation: "A Sort of National Property": Perceptions of the Lake District from Wordsworth to Potter and Beyond

Dissertation Chair: J. W. Page

Jennifer F. Harrington

Major: *Special Education*

Dissertation: Effects of Job Embedded Professional Development on Authentic Providers' Implementation of Home Visiting Practices Focused on Embedded Intervention

Dissertation Chair: P. Snyder

Dissertation Co-chair: B. Reichow

Alexandria N. Harvey

Major: *Special Education*

Minor: *Research and Evaluation Methodology*

Dissertation: Tell Me How You Really Feel: A Mixed-Methods Exploration of Preservice Teachers' Self-Efficacy for Culturally Responsive Classroom Management Centering Race

Dissertation Chair: E. D. McCray

Dissertation Co-chair: N. A. Gage

Miaad A. Hassan

Major: *Political Science*

Dissertation: Political Parties and Regime Trajectories: A Comparative Study of the Middle East and North Africa

Dissertation Chair: B. J. Moraski

Mohammad Mehedy Hassan

Major: *Geography*

Dissertation: Incorporation of Satellite Imagery Analysis to Address Questions of Environmental Change in Bangladesh

Dissertation Chair: J. Southworth

Wanhong He

Major: *Chemistry*

Dissertation: The Influence of the Shell Lattice on Light-Induced Phase Transitions in Prussian Blue Analogue Core-Shell Particles

Dissertation Chair: D. R. Talham

Kirsten A. Hecht

Major: *Interdisciplinary Ecology*

Dissertation: A Mixed-Methods Investigation of Public Engagement Activities by Herpetologists

Dissertation Chair: K. A. Stofer

Dissertation Co-chair: M. A. Nickerson

Will R. Henderson

Major: *Chemistry*

Dissertation: Structure-Property Relationships in Self-Assembling [n.n]Paracyclophanes: Fundamental Studies of a Covalently Fixed Supramolecular Dimer

Dissertation Chair: R. K. Castellano

Mark Clifford Hodge

Major: *Art History*

Dissertation: Dialectical Semblance: Blank Portraiture on Third- and Fourth-Century Roman Sarcophagi

Dissertation Chair: A. E. Jones

Harold Allen Hollis

Major: *Physics*

Dissertation: Data Analysis, Mirror Coating Design, and Custom Electronics for the Any Light Particle Search Experiment

Dissertation Chair: G. Müller

Mehran Homayounfar

Major: *Agricultural and Biological Engineering*

Dissertation: Resilience and Robustness of Coupled Natural Human Systems: Quantification, Tradeoffs, and Management

Dissertation Chair: R. Muneeppeerakul

Dissertation Co-chair: C. J. Martinez

J. Lucien D. Houle

Major: *History*

Dissertation: At the Margins of Medieval Power: Ramon Berenguer V

Dissertation Chair: N. Caputo

Yang Hu

Major: *Food and Resource Economics*

Dissertation: Consumers' Perceptions and Preference for Biotechnology in Citrus

Dissertation Chair: L. A. House

Dissertation Co-chair: Z. Gao

Jiawei Huang

Major: *Chemistry*

Dissertation: The Role of Metal-Metal Oxide Interface in Heterogeneous Catalysis

Dissertation Chair: W. Wei

Mary Elizabeth Ibarrola

Major: *Anthropology*

Dissertation: Placemaking in the Borderland: An Archaeological Perspective on the African Diaspora within Colonial Florida

Dissertation Chair: J. M. Davidson

Melissa D. Irizarry

Major: *Plant Pathology*

Dissertation: Detection and Management of Disease in Greenhouse Grown Watermelon Transplants

Dissertation Chair: N. S. Dufault

Fernanda Iruegas Bocardo

Major: *Plant Pathology*

Dissertation: Population Biology Study of *Xanthomonas euvesicatoria* and *X. perforans* in Florida

Dissertation Chair: E. M. Goss

Ivan Ishkov

Major: *Physics*

Dissertation: Environmental Triggers of *IrgA* Expression in *Streptococcus mutans* and Competence Regulation in Biofilm

Dissertation Chair: S. J. Hagen

Bryan Daniel Barrett James

Major: *Materials Science and Engineering*

Dissertation: Engineering Complex Microenvironments and Their Applications to Sex-Specific Mechanobiology and Biomaterial Development

Dissertation Chair: J. Allen

Hongseok Jang

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

Dissertation: Three Essays on Retail Operations Management

Dissertation Chair: X. Pan

Hye Ryeon Jang

Major: *Political Science*

Dissertation: China's Energy Mercantilism, Asymmetric Trade Dependence, and the Escalation of Its Militarized Maritime Disputes

Dissertation Chair: I. Oren

Congwen Kan

Major: *Design, Construction and Planning*

Dissertation: A Cyber-Physical Systems (CPS) Approach to Planning and Operation of Mobile Cranes

Dissertation Chair: C. J. Anumba

Brianna Maeve Kane

Major: *Counseling and Counselor Education*

Dissertation: Understanding Animal-Assisted Group Therapy from the College Counselor's Perspective

Dissertation Chair: S. L. Smith

Tong Kang

Major: *Biostatistics*

Dissertation: Analysis of Non-Continuous Zero-Inflated Longitudinal and Clustered Data with Application to Dental Studies

Dissertation Chair: S. Datta

Raminder Kaur

Major: *Agricultural and Biological Engineering*

Dissertation: Application of the Technology Acceptance Model for a SmartPath Decision Support Tool for Florida Specialty Crop Producers to Select Alternative Water Sources

Dissertation Chair: J. A. Watson

Elizabeth Namagoba Kaweesa

Major: *Chemistry*

Dissertation: Screening and *In Vitro* Assessment of Cytotoxic Natural Products

Dissertation Chair: S. Loesgen

Kevin Wayne Kent

Major: *Agricultural Education and Communication*

Dissertation: Maintaining Social Capital while Maintaining Social Distance: Exploring the Use of Technology for Social Networking and Leadership Development during a Pandemic

Dissertation Chair: L. K. Lundy

Alexandria Elizabeth Kesterson

Major: *Medical Sciences—Immunology and Microbiology*

Dissertation: Ciprofloxacin Immunomodulatory Properties in a Pneumonic Model of *Yersinia pestis*

Dissertation Chair: C. H. Heine

Jordan Alexander Key

Major: *Music*

Dissertation: Pan-Rational and Irrational Rhythm: The History, Development, and Modern Implementation of Nondyadic Rational Rhythms in Western Music

Dissertation Chair: P. S. Richards

Bonnie K. Kircher

Major: *Zoology*

Dissertation: Sexually Dimorphic Skeletal Development in *Anolis sagrei*

Dissertation Chair: M. J. Cohn

Jeannie M. Klein-Gordon

Major: *Plant Pathology*

Dissertation: *Xanthomonas perforans*: Population Shifts over Time in Florida and Exploration of a Secret Weapon for Keeping Its Competitors at Bay

Dissertation Chair: E. M. Goss

Dissertation Co-chair: J. B. Jones

Venkata Surya Chaitanya Kolluru

Major: *Materials Science and Engineering*

Dissertation: Computational Methods and Algorithms for the Prediction of Surface Structures and Properties

Dissertation Chair: R. Hennig

Sara J. Komenda

Major: *Forest Resources and Conservation*

Dissertation: Exploring the Use of Smart Irrigation Systems for Residential Water Conservation

Dissertation Chair: M. C. Monroe

Tadbhagya Kumar

Major: *Mechanical Engineering*

Dissertation: Eulerian Thermo-Mechanical Simulations of Heterogeneous Solid Propellants Using an Approximate Projection Method

Dissertation Chair: T. L. Jackson

Ying-Jung Joanne Lai

Major: *Microbiology and Cell Science*

Dissertation: CsrA Regulation via Binding to the Basepairing Small RNA Spot 42

Dissertation Chair: T. Romeo

Faith N. Lambert

Major: *Veterinary Medical Sciences*

Dissertation: Developmental Toxicity of Select Ultraviolet-Filters to *Daphnia magna* and Their Potential Role as Invertebrate Endocrine Disruptors

Dissertation Chair: C. D. Vulpe

Kalindhi A. Larios Mendieta

Major: *Soil and Water Sciences*

Dissertation: Exploration of Phosphorus Fluxes in the Everglades Stormwater Treatment Areas Using a System Dynamics Approach

Dissertation Chair: S. Gerber

Andrew J. Latham

Major: *Mathematics*

Dissertation: The Pi-Submaximal Subgroups of Simple Groups

Dissertation Chair: A. Turull

Brianna Laureano

Major: *Psychology*

Dissertation: Evaluating Variables that Affect Social Preferences of Children Diagnosed with Autism Spectrum Disorder

Dissertation Chair: I. G. De Leon

Alexandra Madison Lee

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

Dissertation: Characterizing Subjective Social Status in Adolescents and Its Application to Physical Activity and Sedentary Behavior

Dissertation Chair: M. I. Cardel

Dissertation Co-chair: F. P. Modave

Juhan Lee

Major: *Health and Human Performance*

Dissertation: Investigations on Developmental Trajectories in Electronic Cigarette Use, Risk Perception and E-Cigarette Ads among U.S. Adolescents: Results from US National Survey, 2015-2018

Dissertation Chair: J. Cheong

Michele Catherine Lee

Major: *English*

Dissertation: Drawing the Boundaries of a Genre: Defining the Asian American Children's Novel

Dissertation Chair: K. B. Kidd

Sunidhi Lenka

Major: *Chemistry*

Dissertation: Inhibition and Engineering of Proteins: A Step towards Drug Discovery and Biocatalysis

Dissertation Chair: A. E. Roitberg

Jacob John Lessard

Major: *Chemistry*

Dissertation: Macromolecular Building Blocks in Vitrimers

Dissertation Chair: B. S. Sumerlin

Allison Jane Levy

Major: *Chemistry*

Dissertation: Anabolic Steroids: Cationization, Dimerization, and Ion Mobility Separation

Dissertation Chair: R. A. Yost

Chen Li

Major: *Mechanical Engineering*

Dissertation: Nanomembranes for Wearable Microfluidic Dialyzer

Dissertation Chair: S. Moghaddam

Qiang Li

Major: *Chemistry*

Dissertation: Molecular Basis of Metalloenzymes in Complex Biosynthetic Pathways with Application to Synthetic Biology

Dissertation Chair: S. D. Bruner

Songqi Li

Major: *Aerospace Engineering*

Dissertation: An Experimental Investigation of In-Flow Pressure Fluctuations and Pressure-Informed Velocity Estimation in a Subsonic Axisymmetric Jet

Dissertation Chair: L. S. Ukeiley

Yanjun Li

Major: *Computer Science*

Dissertation: Artificial Intelligence for Protein Structure Prediction and Drug Discovery

Dissertation Chair: D. Wu

Syuan-You Lin

Major: *Horticultural Sciences*

Dissertation: Chemical Induction of Budbreak in Blackberry and Blueberry Grown under Inadequate Chilling Conditions

Dissertation Chair: S. Agehara

Karthik Lingineni

Major: *Pharmaceutical Sciences—Pharmaceutics*

Dissertation: Model Informed Drug Development at Work: Emphasis on Special Populations

Dissertation Chair: S. Schmidt

Catherine Lippi

Major: *Geography*

Minor: *Entomology and Nematology*

Dissertation: Leveraging Mosquito Surveillance and Epidemiological Data to Inform Public Health Response: A Spatial Statistics Framework for Arbovirus Management and Vector Control in Ecuador

Dissertation Chair: S. J. Ryan

Yuning Liu

Major: *Genetics and Genomics*

Dissertation: Characterization of Mouse Models: Implications on Pathophysiology of DYT1 Dystonia

Dissertation Chair: Y. Li

Shawnta Lynette Lloyd

Major: *Epidemiology*

Dissertation: Predictors of Marijuana Use Patterns and Driving under the Influence of Marijuana among Older Adults

Dissertation Chair: C. L. Striley

Jasmine Lopez

Major: *Horticultural Sciences*

Dissertation: Discovery, Fine Mapping, and Characterization of Graywall Resistance Loci in Tomato

Dissertation Chair: S. F. Hutton

Kyra Nicole Lucas

Major: *Design, Construction and Planning*

Dissertation: The Formation and Transformation of Roadside America: A Study of the Preservation of American Roadscapes

Dissertation Chair: V. Baweja

Dissertation Co-chair: M. Hylton

Lori Lye

Major: *Romance Languages—Spanish*

Dissertation: Investigating the Effects of Mobile Apps on Language Learning Outcomes: A Study on Duolingo

Dissertation Chair: G. E. Lord-Ward

Dissertation Co-chair: J. R. Valdes Kroff

Ying Ma

Major: *Electrical and Computer Engineering*

Dissertation: Structured Memory for Sequence Learning

Dissertation Chair: J. C. Principe

Conor MacDonnell

Major: *Soil and Water Sciences*

Dissertation: An Investigation of Physical and Nutrient Related Restoration Techniques in Subtropical Seagrass Ecosystems

Dissertation Chair: P. W. Inglett

Mercedes Mayra Machado

Major: *Counseling and Counselor Education*

Dissertation: “That’s the Tax You Pay”: *Testimonios* of Early-Career Latinx Counselor Educators at Predominantly White Institutions

Dissertation Chair: A. Puig

Victoria Marie Machado

Major: *Religion*

Dissertation: Finding the Spiritual in the Secular: How Religion Shapes Environmental Action in Florida

Dissertation Chair: A. Peterson

Naja Amanda Mack

Major: *Human-Centered Computing*

Dissertation: Icon History: An Intelligent Conversational History Tutor

Dissertation Chair: J. E. Gilbert

Dhruv Mahajan

Major: *Computer Science*

Dissertation: A Scalable Data Summarization, Change Detection, Analytics and Visualization Framework for Smart Road Network Data-Sets

Dissertation Chair: S. Ranka

Dissertation Co-chair: A. Rangarajan

Hoda Manafian

Major: *Health and Human Performance*

Dissertation: Agritourism in Florida: Towards an Understanding of Stakeholder Participation and Support for Agricultural Heritage Conservation

Dissertation Chair: H. J. Gibson

Dissertation Co-chair: A. M. Almeyda Zambrano

Pablo Victor Marquine Da Fonseca Sr.

Major: *Music*

Dissertation: Claudio Santoro, *Música Viva*, and the Emergence of the German Modernism in Brazilian Music

Dissertation Chair: S. Dos Santos

Christie Jose Mauretour-Augustin

Major: *Mathematics*

Dissertation: Improved Solutions to the Vertex Separator Problem Based on the Optimality Conditions

Dissertation Chair: W. W. Hager

Taylor Robertson McDonald

Major: *Political Science*

Dissertation: The Ambiguity of the Canadian Self: Discursive Practices, Canadian National Identity and Foreign Policy toward Afghanistan and Iraq

Dissertation Chair: I. Oren

Gleise Medeiros Da Silva

Major: *Animal Sciences*

Dissertation: The Use of Artificial Shade and Polyclonal Antibody Preparations to Reduce Stress and Improve Performance in Beef Cattle

Dissertation Chair: N. DiLorenzo

Vikram Dilip Mehar

Major: *Chemical Engineering*

Dissertation: Structure and Reactivity of Palladium Oxides and Palladium—Silver Oxide Bimetallic Interfaces

Dissertation Chair: J. F. Weaver

Shanyu Meng

Major: *Agricultural and Biological Engineering*

Dissertation: Functional Bioadsorbents for Wastewater Metal Contaminants Control and Reuse

Dissertation Chair: Z. Tong

Dissertation Co-chair: Y. Li

Shashank Menon

Major: *Civil Engineering*

Dissertation: Multiphysics Induced Failure in Porous Media under Static and Dynamic Conditions

Dissertation Chair: X. Song

Gillian E. Mertens

Major: *Curriculum and Instruction*

Dissertation: The Wonder Project: Exploring Students' Information Literacy Development through an Inquiry-Based Curriculum

Dissertation Chair: A. M. Kohnen

Kaley L. Mialki

Major: *Nutritional Sciences*

Dissertation: Consumer Acceptability, Family Mealtime Behaviors, and Health Outcomes of a Meal Kit Intervention Designed for Families with Low Income

Dissertation Chair: K. P. Shelnutt

Zhihui Miao

Major: *Chemistry*

Dissertation: Synthesis, Characterization, and Functionalization of Cyclic Polymers: From Cyclic Polyolefins to Semi-Conducting Cyclic Polyacetylene

Dissertation Chair: A. S. Veige

Nikola Milicevic

Major: *Mathematics*

Dissertation: Algebraic Approach for Shape Data Analysis

Dissertation Chair: P. Bubenik

Alexander Thomson Miller

Major: *Aerospace Engineering*

Dissertation: HP-Adaptive Methods and Nonsingular Parameterizations for Solving Optimal Control Problems with Singularities or Nonsmooth Solutions

Dissertation Chair: A. Rao

Scott M. Miller

Major: *Food and Resource Economics*

Dissertation: Collective Action, Communication and the Coordination Challenge: An Analysis of Smallholder Livestock Cooperatives in Nepal

Dissertation Chair: C. Mullally

Majid Mirzanejad

Major: *Civil Engineering*

Minor: *Electrical and Computer Engineering*

Dissertation: Detection of Buried Voids with 3D Full Seismic Waveform Inversion

Dissertation Chair: K. T. Tran

Hamideh Mohammadi

Major: *Romance Languages—Spanish*

Dissertation: Effect of Age of Exposure in Heritage and Second Language Processing

Dissertation Chair: J. R. Valdes Kroff

Tiffany Lynn Mohr

Major: *Mass Communication*

Dissertation: Exploring Relationships of Interest Group Strategic Communication and Agenda Building

Dissertation Chair: S. K. Kiousis

Robert Shawn Monahan

Major: *Mathematics*

Dissertation: Relational Analysis

Dissertation Chair: P. L. Robinson

Hugo Fernando Monteiro

Major: *Animal Sciences*

Dissertation: Using Live Microorganisms in Order to Modulate Ruminal Fermentation

Dissertation Chair: A. Faciola

Dekita G. Moon Rembert

Major: *Human-Centered Computing*

Dissertation: Illmatics: Applying a Hybrid Approach to Developing a Personalized Math Word Problems Generator for 5th Grade Students

Dissertation Chair: J. E. Gilbert

Robert Walton Moyer

Major: *Electrical and Computer Engineering*

Dissertation: Resource Investments in Organized Markets: A Case for Central Planning

Dissertation Chair: S. P. Meyn

Emily L. Mroz

Major: *Psychology*

Dissertation: Reflection on the Dying Days of a Lost Loved One: The Lasting Effects of Place of Death

Dissertation Chair: S. B. Bluck

Kingshuk Mukherjee

Major: *Computer Science*

Dissertation: Computational Methods for Optical Maps and Their Applications in Genomics

Dissertation Chair: C. A. Boucher

Karl W. Mund

Major: *Medical Sciences—Medical Physics*

Dissertation: The Application of Machine Learning in Radiotherapy Quality Assurance

Dissertation Chair: G. Yan

Stephanie Jane Mundis

Major: *Geography*

Dissertation: Spatial Patterns in Mosquito Populations that Mediate Vector Control Effectiveness and Disease Risk at the Local, State, and National Level in the United States

Dissertation Chair: S. J. Ryan

Roberto Gerardo Munoz-Pando

Major: *Anthropology*

Dissertation: Archaeology of Money in Colonial Puerto Rico

Dissertation Chair: C. McCarty

Jamie Marie Murbach

Major: *Materials Science and Engineering*

Dissertation: *In situ* Electrodeposition of Poly(3,4-Ethylenedioxythiophene) (PEDOT) for the Improvement of Neural Interfaces

Dissertation Chair: K. Otto

Kevin O. Murray

Major: *Health and Human Performance*

Dissertation: Identification of Long-Term Epigenetic and Phenotypic Signatures following Exertional Heat Stroke

Dissertation Chair: T. L. Clanton

Mitch R. Murray

Major: *English*

Dissertation: The Art of Genre: The *Künstlerroman* in Contemporary American Fiction

Dissertation Chair: P. E. Wegner

Timothy Edward Murray

Major: *Music*

Dissertation: The Impacts of Inuit Drum Dance Participation on the Psychosocial Well-Being in a Canadian Arctic Settlement

Dissertation Chair: L. N. Crook

Dissertation Co-chair: W. A. Tremura

Kenneth G. Myers Jr.

Major: *Counseling and Counselor Education*

Dissertation: "Empowering Survivors to Speak Their Truth": An Exploration of Counselors' Lived Experience of Providing Therapy with Adult Male Survivors of Childhood Sexual Abuse

Dissertation Chair: A. Puig

Nasser Nassiri Koopaei

Major: *Pharmaceutical Sciences—Pharmaceutics*

Dissertation: Drug Delivery to Brain Using Neural Stem Cell Exosomes

Dissertation Chair: T. D. Schmittgen

Larissa Neuburger

Major: *Health and Human Performance*
Dissertation: Virtual Travel in Times of Crisis
Dissertation Chair: L. Pennington

Felicity Leah Newell

Major: *Zoology*
Dissertation: Tropical Montane Climate as a Natural Experiment to Examine How Rainfall Regulates Reproduction of Tropical Birds
Dissertation Chair: S. K. Robinson

Ngoc Lan Nguyen

Major: *Computer Science*
Dissertation: Lightweight Algorithms with Performance Guarantee for Large-Scale Network Analysis
Dissertation Chair: M. T. Thai

Amanda Michelle Nichols

Major: *Religion*
Dissertation: Women on the Edge of Time: Grief and Power in the Nuclear Age
Dissertation Chair: B. R. Taylor

Benjamin Michael Nichols

Major: *Horticultural Sciences*
Dissertation: Characterizing the *Fs* Locus from *C. x kinokuni* 'Mukaku Kishu'
Dissertation Chair: J. X. Chaparro

Benjamin Wilmot North

Major: *Wildlife Ecology and Conservation*
Dissertation: Understanding Private Landowner Motivations and Preferences regarding Forest Biomass Production and Implications for Market Development and Hunting as an Ecosystem Service in the Southeastern United States
Dissertation Chair: E. F. Pienaar

Seth T. Nydam

Major: *Aerospace Engineering*
Dissertation: Design, Testing, and Operations of a Low Resource Optical Precision Timing Instrument for Ground-to-Space Time Synchronization
Dissertation Chair: J. Conklin

Woi Sok Oh

Major: *Agricultural and Biological Engineering*
Dissertation: Navigating Complexity and Multi-Dimensionality of the Coupled Natural-Human Systems
Dissertation Chair: R. Muneeppeerakul

Kaitlynn P. Olczak

Major: *Biomedical Engineering*
Dissertation: Coatings for Improving the Performance of Neural Interfaces
Dissertation Chair: K. Otto

Hyunsoung Park

Major: *Design, Construction and Planning*
Dissertation: Construction Safety Analysis in BIM Using Ontology-Based Knowledge Model for Safety Code Checking in Design Stage
Dissertation Chair: R. Liu

Jiae Park

Major: *Sociology*
Dissertation: The Transition to Adulthood and Depressive Symptoms: A Case of South Korea
Dissertation Chair: T. M. Koropecykj-Cox

Sang Kyu Park

Major: *Business Administration—Marketing*
Dissertation: Lay Perceptions and Consumer Interaction with Machine Intelligence
Dissertation Chair: A. Sela

Kendall Michelle Parker

Major: *Mechanical Engineering*

Dissertation: Smart Grid Advancements toward Enhanced Meter Privacy and Grid Reliability

Dissertation Chair: P. Baroah

Brandon C. Perez

Major: *Psychology*

Dissertation: Problem Behavior during Preference Assessments: A Tangible Function Screening

Dissertation Chair: T. R. Vollmer

Stephen Christopher Phillips

Major: *Political Science*

Dissertation: Orchestrated Opportunities: How Policy Window Framing Leads to Reconstitutions of Civil Rights Policy

Dissertation Chair: L. C. Dodd

Dissertation Co-chair: B. A. Rosenson

Trey Polvadore

Major: *Zoology*

Dissertation: The Molecular Basis of Positional Information in Salamander Limb Regeneration

Dissertation Chair: M. Maden

Karyn E. Pounds

Major: *Agricultural and Biological Engineering*

Dissertation: Fabrication of Bio-Based Intelligent Copolymer Film with Computational Technology for the Real-Time Food Quality Monitoring and Protection

Dissertation Chair: Z. Tong

Dissertation Co-chair: M. J. Correll

Kimberly Danielle Prince

Major: *Environmental Engineering Sciences*

Dissertation: Mechanisms and Drivers of Polychlorinated Biphenyl Biomagnification

Dissertation Chair: C. Angelini

Pamala Pamandus Proverbs

Major: *Mass Communication*

Dissertation: Expanding the Boundaries of Public Relations Research to Build a Framework to Address Episodic Framing of Gender-Based Violence in the Caribbean

Dissertation Chair: S. K. Kioussis

Daisy Joan Tan Pua

Major: *Special Education*

Minor: *Research and Evaluation Methodology*

Dissertation: Further Validation of the Preservice Observation Instrument for Special Education Using Rasch Model and Rater Satisfaction

Dissertation Chair: M. T. Brownell

Mahi Puri

Major: *Wildlife Ecology and Conservation*

Dissertation: Prioritizing and Identifying Opportunities for Carnivore Conservation in Human-Dominated Landscapes of India

Dissertation Chair: B. A. Loiselle

Dissertation Co-chair: E. F. Pienaar

Yuli Qian

Major: *Pharmaceutical Sciences—Clinical Pharmaceutical Sciences*

Dissertation: Carboxylesterase 1 Mediated Pharmacokinetic Interactions between Cannabinoids and Conventional Medications

Dissertation Chair: J. S. Markowitz

Yu Qin

Major: *Coastal and Oceanographic Engineering*

Dissertation: *Cross Frequency Coupling in a Population Scale Neural Field Model*

Dissertation Chair: A. A. Sheremet

Dissertation Co-chair: A. P. Maurer

Raja Zakiyyah Malikhah Rahim

Major: *History*

Dissertation: *A Family that Plays Together: African Americans and the Making of College Basketball in the United States, 1912-1972*

Dissertation Chair: P. A. Ortiz

Romy Rajan

Major: *English*

Dissertation: *Neoliberalism and the Moment of Precarity in the Postcolonial Novel in India and Kenya*

Dissertation Chair: P. E. Wegner

Naren Srivaths Raman

Major: *Mechanical Engineering*

Dissertation: *Energy-Efficient Control of Commercial Building HVAC Systems and Analysis for Grid Support*

Dissertation Chair: P. Barooah



Ranjeet Singh Randhawa

Major: *Horticultural Sciences*

Dissertation: Inclusion of Mechanical Tuber Removal into Integrated Weed Management for Nutsedge Control in Vegetable Production

Dissertation Chair: P. J. Dittmar

Sagarika Rath

Major: *Agricultural and Biological Engineering*

Dissertation: Agricultural Water Security through Sustainable Use of the Aquifer: An Integrated Study of Water Quantity and Water Quality Impacts

Dissertation Chair: W. D. Graham

Dissertation Co-chair: D. A. Kaplan

Nicole Marie Robey

Major: *Environmental Engineering Sciences*

Dissertation: Advances in Sustainable Management of Landfill Leachate

Dissertation Chair: T. G. Townsend

Barukh Ben Rohde

Major: *Electrical and Computer Engineering*

Dissertation: Motivations and Outcomes of an Undergraduate Teaching Assistantship Program

Dissertation Chair: W. R. Eisenstadt

Dissertation Co-chair: E. P. Douglas

Anthony Dustin Rollins

Major: *Agricultural Education and Communication*

Dissertation: Queering the Fields: An Exploration of the Lived Experiences and Resilience Strategies for Queer and Trans Tenure-Track Faculty at Land-Grant Colleges

Dissertation Chair: C. E. Suarez

Matthew P. Rooney

Major: *Anthropology*

Dissertation: The Charity Hall Mission: An 1820s Boarding School for Native American Children in the Chickasaw Nation

Dissertation Chair: C. R. Cobb

Alexandra Nicole Sabo

Major: *Geography*

Dissertation: Damming the Amazon for Clean Development: An Analysis of the Green Governance of Hydropower in Discourse and Practice

Dissertation Chair: C. S. Simmons

Ali Sadeghian

Major: *Electrical and Computer Engineering*

Dissertation: Statistical Relational Learning on Knowledge Graphs

Dissertation Chair: Z. Wang

Elaheh Sajjadi

Major: *Rehabilitation Science*

Dissertation: Spontaneous Compensatory and Induced Respiratory Plasticity In People with Amyotrophic Lateral Sclerosis

Dissertation Chair: G. S. Mitchell

Marah O. Schlingensiepen Malleck

Major: *Political Science*

Dissertation: Cooperative Policymaking: Exploring the Conditions of Juvenile Justice Reform Convergence under Polarizing Political Circumstances

Dissertation Chair: L. C. Dodd

Nicholas R. Schwartz

Major: *Chemical Engineering*

Dissertation: Enhanced Electrochemical Carbon Dioxide Separation Using Membrane Electrode Assemblies

Dissertation Chair: K. J. Ziegler

Anuj Sharma

Major: *Plant Pathology*

Dissertation: Epidemiological, Genomic and Transcriptomic Study of Xanthomonads Associated with Tomato, Pepper and Citrus

Dissertation Chair: J. B. Jones

Shubam Sharma

Major: *Psychology*

Dissertation: Storying Life's Challenges with a Sense of Purpose

Dissertation Chair: S. B. Bluck

Zachary R. Shaw

Major: *English*

Dissertation: Media Ecologies and Composition: The Animated Sequence and Rhetorical Potential of Media

Dissertation Chair: S. I. Dobrin

Aniruddh Singh Shekhawat

Major: *Mechanical Engineering*

Dissertation: Ferroelectric Properties of HfO₂-Based Thin Films and Their Application for Low Power and Scalable Ferroelectric Tunnel Junctions

Dissertation Chair: S. Moghaddam

Austin E. Sheppe

Major: *Microbiology and Cell Science*

Dissertation: The Function and Regulation of PGE2 Biosynthesis in Macrophages in Response to Gram-Negative Bacterial Pathogens

Dissertation Chair: M. J. Edelman

Linyuan Shi

Major: *Materials Science and Engineering*

Dissertation: Application of Atomistic Scale Simulations to Zirconium Hydride and Carbon-Based Materials

Dissertation Chair: S. R. Phillpot

Sangyun Shin

Major: *Design, Construction and Planning*

Dissertation: Semantic-Based Building Information Retrieval from Building Information Model Using Automatic Speech Recognition

Dissertation Chair: R. R. Issa

Forrest Wilford Shriver

Major: *Nuclear Engineering Sciences*

Dissertation: Prediction of High-Fidelity Neutronics Parameters in Pressurized Water Reactors Using Artificial Neural Networks

Dissertation Chair: J. C. Watson

Matthew Benjamin Silic

Major: *Mechanical Engineering*

Dissertation: RSSI Localization of Aerial Robots Using a 3D Path Loss Model: A Comparative Experimental Evaluation

Dissertation Chair: K. Mohseni

Nathan D. L. Smith

Major: *Epidemiology*

Dissertation: Social Disconnection, Gambling, and Gambling Problems among Youth Aged 10-17 from Six Cities

Dissertation Chair: L. B. Cottler

Kartik Sondhi

Major: *Electrical and Computer Engineering*

Dissertation: Materials and Methods for Fabrication of Multilayer Flexible Electronic Circuits and Devices

Dissertation Chair: T. Nishida

Dissertation Co-chair: Z. H. Fan

Julien Aime Sorci

Major: *Mathematics*

Dissertation: Topics in Algebraic Graph Theory and Algebraic Coding Theory

Dissertation Chair: P. K. Sin

April Dawn Spratley

Major: *Classical Studies*

Dissertation: A Symphony of Genres: Musical Instruments, Intertextuality and Genre in Ovid

Dissertation Chair: K. Kapparis

Sophie Louise Spratley

Major: *Agricultural Education and Communication*

Dissertation: Leadership Development Opportunities for Professional Academic Advisors of Color at a Predominantly White, Land-Grant Institution

Dissertation Chair: C. E. Suarez

Chad James Spreadbury

Major: *Environmental Engineering Sciences*

Dissertation: Evaluating Reuse Practices of Waste-Derived Aggregates: Identifying Knowledge Gaps and Strategies

Dissertation Chair: T. G. Townsend

Ryan A. St Laurent

Major: *Zoology*

Dissertation: Phylogenomics of Sack-Bearer Moths (Lepidoptera: Mimallonidae)

Dissertation Chair: A. Kawahara

Benjamin D. Stelling

Major: *Interdisciplinary Ecology*

Dissertation: Phytoplankton Composition & Abundance along Depth & Seasonal Gradients in the South Atlantic Bight off the Coast of Cape Canaveral, FL

Dissertation Chair: E. J. Philips

Mioko Sudo

Major: *Psychology*

Dissertation: Theory of Whose Mind? Young Children's Mental State Attribution to Targets Varying in Affiliative Cues

Dissertation Chair: S. B. Bluck

Ratna G. Suthar

Major: *Agricultural and Biological Engineering*

Dissertation: Modeling Postharvest Losses in the Florida Tomato System

Dissertation Chair: J. Judge

Lauren Headrick Sweeney

Major: *Nutritional Sciences*

Dissertation: Evaluating the Feasibility and Impact of Meal Kits on Dietary Behaviors and the Home Food Environment of Families with Low Income

Dissertation Chair: K. P. Shelnut

Shirley Nelly Tandoh

Major: *Design, Construction and Planning*

Dissertation: Towards a Sustainable Water Environment. Assessing the Water Cycle Impacts of Residential Water Demands in a Municipal Water Supply and Treatment System: Model Development, Implementation, and Case Studies

Dissertation Chair: R. Ries

Yefan Tao

Major: *Physics*

Dissertation: Search for the Dark Photon at Belle Experiment

Dissertation Chair: J. M. Yelton

Kaitlyn M. Tiplady

Major: *School Psychology*

Dissertation: Canine Service Animals for Children with Autism Spectrum Disorder: The Family Experience

Dissertation Chair: T. M. Smith-Bonahue

Prabal Tiwari

Major: *Materials Science and Engineering*

Dissertation: Study of Electrophoretic Deposition Kinetics for Efficient Assembly of Nanomaterials

Dissertation Chair: J. Andrew

Reina Leilani Tong

Major: *Entomology and Nematology*

Dissertation: Nitrogen Conservation in Subterranean Termites

Dissertation Chair: N. Su

Eduardo Sebastian Torres Villavicencio

Major: *Civil Engineering*

Dissertation: Experimental and Analytical Investigation of UHPC Tensile Strength Behavior

Dissertation Chair: H. R. Hamilton III

Dissertation Co-chair: G. R. Consolazio

Matthew A. Tozzi

Major: *Counseling and Counselor Education*

Dissertation: Interpersonal Factors that Inhibit Intentions to Report and Utilize College Campus Resources for Sexually Assaulted Students

Dissertation Chair: A. Puig

Dustin Arthur Tracy

Major: *Physics*

Dissertation: The Implementation of QM/MM for Non-Adiabatic Dynamics Using AMBER and NEXMD

Dissertation Chair: A. E. Roitberg

Arsenios Nikolaos Tsokas

Major: *Industrial and Systems Engineering*

Dissertation: Network Similarity Applications in Robustness and in Clinical Course Extraction

Dissertation Chair: P. M. Pardalos

Nicole Tuovila

Major: *Mathematics*

Dissertation: Automorphisms of Free Spectrahedra

Dissertation Chair: S. A. McCullough

Emily M. Turner

Major: *Materials Science and Engineering*

Dissertation: Si Quantum Dots Fabricated via High-Temperature Oxidation of Si/SiGe Nanostructures

Dissertation Chair: K. S. Jones

Valerie C. Valerio Holguin

Major: *Agricultural and Biological Engineering*

Dissertation: Analyzing Livestock Value Chains in Sub-Saharan Africa with Data and Simulation Models: Three Case Studies

Dissertation Chair: G. A. Kiker

Dissertation Co-chair: R. Muneeppeerakul

Stevie L. Vanausdale

Major: *Counseling and Counselor Education*

Dissertation: The Lived Experience of Counselor Educators Navigating a Shared Trauma Response through Clinical and Academic Responsibilities following a Mass Trauma

Dissertation Chair: J. Swank

Dissertation Co-chair: C. H. Schuermann

Vishal Vignesh

Major: *Materials Science and Engineering*

Dissertation: Physicochemical Study of Isocyanate-Free Amphiphilic Antifouling Coatings

Dissertation Chair: A. B. Brennan

Dissertation Co-chair: M. Tonks

Ana Luiza Violato Espada

Major: *Forest Resources and Conservation*

Dissertation: Community-Based Timber Co-Management in Amazonia: Understanding Approaches that Conserve Forests, Promote Community Empowerment and Engage Women in Forestry

Dissertation Chair: K. A. Kainer

Jason J. Vosatka

Major: *Electrical and Computer Engineering*

Dissertation: Blockchain-Inspired Electronics Supply Chain Integrity

Dissertation Chair: M. M. Tehranipoor

Aaron Richard Waddell

Major: *Medical Sciences—Cancer Biology*

Dissertation: Targeting CBP/p300 for Treatment of Estrogen Receptor Positive Breast Cancer

Dissertation Chair: D. Liao

Julie E. Walker

Major: *Interdisciplinary Ecology*

Dissertation: Effects of Climate Change on Mangrove Ecosystems and the Implications for Their Future Management

Dissertation Chair: T. Z. Osborne

Dissertation Co-chair: C. Angelini

Dingkang Wang

Major: *Electrical and Computer Engineering*

Dissertation: Electrothermal MEMS Mirrors for LiDAR

Dissertation Chair: S. J. Koppal

Haoran Wang

Major: *Electrical and Computer Engineering*

Dissertation: Development of Piezoelectric Micromachined Ultrasonic Transducers (pMUTs) for Endoscopic Photoacoustic Imaging Applications

Dissertation Chair: P. Feng

Huanyu Wang

Major: *Electrical and Computer Engineering*

Dissertation: CAD Frameworks for Security Assessment and Protection of ICs against Physical Attacks

Dissertation Chair: M. M. Tehranipoor

Rang Wang

Major: *Mass Communication*

Dissertation: Decoding Influencer Commerce: Decision-Making, Trust, and Typologies

Dissertation Chair: S. M. Chan-Olmsted

Alexander J. Weaver

Major: *Physics*

Dissertation: Hermite-Gauss TEM Based MEMs of Interferometric Signals in Gravitational Wave Detection, and Fundamental Restrictions of Paraxial Wave Descriptions

Dissertation Chair: G. Müller

Jo Lauren Weaver

Major: *Counseling and Counselor Education*

Dissertation: A Mindfulness-Based Intervention for Adolescent Social Media Users: A Quasi-Experimental Study

Dissertation Chair: J. Swank

Yi Wei

Major: *Materials Science and Engineering*

Dissertation: Chemical Modifications and Topography Modeling of Silicone Rubber to Control Bioadhesion

Dissertation Chair: A. B. Brennan

Dissertation Co-chair: M. Tonks

Sarah Catherine Weinsztok

Major: *Psychology*

Dissertation: Substitutability of Healthier Alternatives for Edible Reinforcers in Children with Autism Spectrum Disorder

Dissertation Chair: I. G. De Leon

Taylor Anne Whisman

Major: *Chemistry*

Dissertation: Polypeptide Polymerization-Induced Self-Assembly

Dissertation Chair: S. A. Miller

Joseph Benjamin Wiggins

Major: *Human-Centered Computing*

Dissertation: Examining Dialogue Initiative Policies for Conversational Pedagogical Agents in Game-Based Learning Environments

Dissertation Chair: K. Boyer

Jason L. Williams

Major: *Entomology and Nematology*

Dissertation: Phylogenomics and Integrative Delimitation of Globetrotting and Invasive *Nylanderia* Species (Hymenoptera: Formicidae)

Dissertation Chair: A. Lucky

Alexandria Nicole Wilson-McDonald

Major: *Political Science*

Dissertation: The State of/in Women's Bodies: Feminist Framing of Gender-Based Violence in Central Eastern Europe

Dissertation Chair: C. O'Dwyer

Thomas K. Winckler

Major: *Mathematics*

Dissertation: Some Proofs Using Weak Axioms of Choice

Dissertation Chair: D. A. Cenzler

Junghoon Woo

Major: *Design, Construction and Planning*

Dissertation: A New Blockchain Framework for Existing Building Energy Performance Measurement, Reporting, and Verification (MRV): A Pathway for the Building Sector to Participate in the Carbon Credit Market

Dissertation Chair: C. J. Kibert

Dissertation Co-chair: R. S. Srinivasan

Joni E. Wright

Major: *Zoology*

Dissertation: An Investigation of Olfaction Inspired by Two New World Vultures (Family Cathartidae) Thought to Demonstrate Striking Differences in Olfactory System Use

Dissertation Chair: R. T. Kimball

Yuxing Xia

Major: *Medical Sciences—Neuroscience*

Dissertation: Elucidating the Roles of Tau Protein on Microtubule Regulation and Aggregation in Cell and Animal Models of Tauopathies

Dissertation Chair: B. I. Giasson

Elham Yaaghubi

Major: *Chemistry*

Dissertation: Cyclic Thiosulfonates (DDAs) as Novel Anticancer Therapeutics against EGFR+ and HER2+ Tumors

Dissertation Chair: R. K. Castellano

Chun-Hao Yang

Major: *Statistics*

Dissertation: Shrinkage Estimation on Riemannian Manifolds

Dissertation Chair: B. C. Vemuri

Dissertation Co-chair: J. Doss

Juntao Yao

Major: *Electrical and Computer Engineering*

Dissertation: Modeling and Reduction of Radiated Electromagnetic Interference in Power Converters

Dissertation Chair: S. Wang

Sundara Ramakarthik Yarasuri

Major: *Civil Engineering*

Dissertation: Enhancement and Validation of a Residential Infrastructure Hurricane Wind Vulnerability Model

Dissertation Chair: K. R. Gurley

Sungeun Yoon

Major: *Food and Resource Economics*

Dissertation: Essays about the Influence of Environmental Concern on Consumer Behavior

Dissertation Chair: L. A. House

Dissertation Co-chair: Z. Gao

Luqing Yu

Major: *Food and Resource Economics*

Dissertation: The Impact of Information Source, Information Content, and Information Context on Purchasing Behavior

Dissertation Chair: Z. Gao

Pei-Ling Yu

Major: *Plant Pathology*

Dissertation: Study of Host-Fungal Pathogen Interactions in *Arabidopsis thaliana*-*Sclerotinia sclerotiorum* (Lib.) De Bary

Pathosystem: Early Infection Process and Regulation of cAMP/PKA Signaling Pathway in Fungus

Dissertation Chair: J. A. Rollins

Yi Yuan

Major: *Communication Sciences and Disorders*

Dissertation: Audiovisual Integration in Speech Perception in Noise

Dissertation Chair: Y. Oh

Tingting Zeng

Major: *Mechanical Engineering*

Minor: *Electrical and Computer Engineering*

Dissertation: Autonomous Data-Driven Control of Building HVAC Systems

Dissertation Chair: P. Baroah

Wei Zhai

Major: *Design, Construction and Planning*

Dissertation: Evaluating Resilience Strategies for Recovery Plans: From Top-Down Planning to Bottom-Up Response

Dissertation Chair: Z. Peng

Boyi Zhang

Major: *Electrical and Computer Engineering*

Dissertation: Modeling and Reduction of the Electromagnetic Interference for Power Modules with Wide Bandgap Devices in High Power Applications

Dissertation Chair: S. Wang

Naixin Zhang

Major: *Microbiology and Cell Science*

Dissertation: *Leishmania* Secretes PI3K Class 2 on Parasitophorous Vacuole Membranes to Generate Phosphoinositides that Creates Conditions for Continuous Host Akt Activation and a Target for Miltefosine in *Leishmania* Infections

Dissertation Chair: P. E. Kima

Jianxin Zhao

Major: *Plant Molecular and Cellular Biology*

Dissertation: Characterization of Domestication-Associated Genetic Changes for Starch and Protein Accumulation in Seeds of the Common Bean

Dissertation Chair: C. E. Vallejos

Yuchen Zhou

Major: *Coastal and Oceanographic Engineering*

Dissertation: Time Series Analysis of Collective Neuron Activities

Dissertation Chair: A. A. Sheremet

Dissertation Co-chair: A. P. Maurer

Sheng Zou

Major: *Electrical and Computer Engineering*
Dissertation: Classification with Multi-Imprecise Labels
Dissertation Chair: A. Z. Glenn
Dissertation Co-chair: P. D. Gader

Xunwu Zuo

Major: *Physics*
Dissertation: A Search for the Standard Model Higgs Boson Decaying into Two Muons in the Vector Boson Associated Production Mode at the CMS Experiment
Dissertation Chair: D. E. Acosta

Michael A. Zurek

Major: *Anthropology*
Dissertation: Interpersonal Dynamics in Analog Environments and the Implications for Future Long-Duration Space Exploration: A Mixed Methods Approach to the Study of Group Dynamics in Isolated, Confined, and Controlled/Extreme Environments
Dissertation Chair: J. C. Johnson

DOCTOR OF EDUCATION

Max Diaz

Major: *Curriculum and Instruction*
Dissertation: Employer Perceptions of ICT-Related Competencies in English Language Teaching in Hong Kong and Macao
Dissertation Chair: S. Kumar

Emil Paul Loch III

Major: *Higher Education Administration*
Dissertation: A Comparative Case Study of the Experience and Satisfaction of Business Management Majors at a Small, Private Liberal Arts College and a Large, Public Research Institution
Dissertation Chair: J. C. Ortagus

Mindy A. Long

Major: *Educational Leadership*
Dissertation: Pathways of Leadership: Perceptions of Elementary Assistant Principals
Dissertation Chair: L. J. Searby

Kyle C. Malmberg

Major: *Curriculum and Instruction*
Dissertation: Instructor Use of Interactions during Video Conferencing in Online Higher Education Courses
Dissertation Chair: S. Kumar

Holland M. McGlashan

Major: *Higher Education Administration*
Dissertation: Women as Presidents in the Florida College System
Dissertation Chair: K. D. Peck Parrott

Leigh Lenore Powell

Major: *Curriculum and Instruction*
Dissertation: Towards Building a Dashboard for Faculty in Higher Education: Faculty Perceptions of Information that Informs Their Practice
Dissertation Chair: S. Kumar

Abby L. Willcox

Major: *Higher Education Administration*
Dissertation: The Impact of Dual Enrollment and Other Accelerated Mechanism Participation on First-Year College English Course Outcomes
Dissertation Chair: D. A. Kramer

DOCTOR OF AUDIOLOGY

Shelby Lynn Burke
Beatrice Anna David
Caroline Canady Herring

Elena Jade Hoogland
Lauren Elizabeth Husney
Noah A. Mostafa

Megan E. Reeves
Caitlin LaRue Smith
Alexis K. Wilson

DOCTOR OF BUSINESS ADMINISTRATION

Michael R. Anderson
Erica Bauman

William J. Carty Jr.
Raymond B. Johnson

William C. Poellnitz
Troy Wesley Pounds

PROFESSIONAL DEGREES

THE COLLEGE OF NURSING

Dean Anna M. McDaniel

DOCTOR OF NURSING PRACTICE

Abigail Joy Belizaire
Kristin Russell Bouwer
Holly Marie Jolan Brady
Terrie L. Burney
Jelysa I. Cain
Dennis Lee Cutter II
Denay Shiree Davidson
Tiffani Famighetti Davidson
Rylan Jacob Douthett
Beryl Uzoamaka Ekakitie
Moses Enakiruvie Ekakitie
Sarah Toggweiler Farr
Jenna Rose Fernandez
Kendra Claude Fugate
Julia Lynn Gamble
Priscilla Danielle Garcia
Nicole Simone Gillings
Carolynn Hazen-Hamilton

Jennifer Hill
Jessica Anne Jacques
Micayla Celine Johnson
Haley M. Jones
Rachael Leigh Joyner
Wendy M. Juarez
Courtney Autumn Kailunas
Danielle Michelle Khalife
Lindsey Mae Kiskaddon
Jennifer Michelle Lynch
Alvin De La Cruz Marquez
Kelsey N. Masciello
Amber Carlie Mauldin
Megan Christine McCartney
Chelsey Lynn McClellan
Melissa McKinney
Natalie Merino
Sarah D. Miller

Kimberly Michelle Mockel
Larissa I. Moon
Hien T. Nguyen
Maria Emilia Quiñones
Shayna R. Rabess
Rafina Rahim
Amanda Kathleen Russ
Anna Paige Staub
Ameshia Cherrelle Stewart
Charlotte M. Toms
Dawn Elizabeth Turk
Serajeet Singh Turner
Kaylah Leeigh Turpin
Kristin Denise Vazquez
Catherine Denice Voght
Kelly Garren Wainwright
Kayla Nicole Weeks
Olivia Miles Zajac

THE COLLEGE OF PUBLIC HEALTH AND HEALTH PROFESSIONS

Dean Michael G. Perri

DOCTOR OF PHYSICAL THERAPY

Ashlea Adams
Nathan J. Allman
Judith N Arostegui
Paul B. Auth
Jillian H Bailey
Zachary L Baxter
Allyson C. Beatty
Dax Rae Behrend
Madison Jade Bramlett
Mairyn G. Branaman
Austin Chandler Burns
Lauren Kay Capone
Jordan M. Chancey
Chase Hsing Chavez
John Michael DeLoach
Rose M. Easey
Ashley Michelle Estanislao
Kirsten Estoesta
Jessica Leigh Finney
Casey Lynn Francis
Brian Michael Frett
Taylor Marie Funk
Nathaniel Richard Galliford

Joseph Anthony Gayle
Jessie Marie Gitow
Jessie Marie Glennon
Olivia M. Grangeon
Haylie Michelle Grant
Meghan Nicole Harper
Alyse N. Hausman
Kristin Margaret Healey
Alyssa N. Hearing
Katherine L. Keyser
Morgan Marie Muller Kosmala
Noah Gilbert Kreitz
Kendall Lynn Leduc
Dillon Lee
Sheridan Lee
Anna Carrie Li
Gabriela Sao-Kan Lin
Cara Irene Lukas
Michelle Celine Mack
Matthew Thomas Matisko
Daniel Thomas May
Donnelle McDonald
Stephanie Ann McDonough
Angel Joaquin Mestre

Tasfiq Amin Miah
Alyssa Michelle Morrison
Ashley Elle Murray
Olivia Jane Nash
Yash H. Patel
Haley Anne Pigott
Ryan Christopher Schultz
Laila Hasan Sheikh
Paulo H. Sicangco
Jarred Lee Smith
Sabrina M. Smith
Brooke Nicole Tate
Katie Taunton
Ashley Nicole Tringas
Ellen Marie Waidner
Kendra Lee Whidden
Kayce McNair Whitbeck
Britt Marie Wienkers
Madeline Rose Wienkers
Christian A. Wingert
Taylan Jacobi Wolfe
Taylor S. Wood
Rachel Page Wyllie



What Makes a University Great?

Some interesting facts about the University of Florida

Educational Excellence

UF is consistently ranked among the nation's top universities: No. 6 in U.S. News & World Report "Top Public Universities" (2020); No. 3 on the Forbes' list of Best Value Public Universities (2019); No. 6 in the New York Times list of universities that do the most to help low-income students (2015); No. 2 in Kiplinger's "Best Values in Public Colleges" (2017); No. 3 in the Milken Institute's Ranking of Best Universities for Technology Transfer.

Faculty

- UF has more than 5,500 faculty members with distinguished records in teaching, research and service, including 37 Eminent Scholar chairs and 45 faculty elections to the National Academy of Sciences, Engineering, the Institute of Medicine or the American Academy of Arts and Sciences.
- Awards include three Pulitzer Prizes, NASA's top award for research, the Smithsonian Institution's conservation award and a Fields medal.

Students

- Students admitted for the fall 2020 freshman class had an average 4.5 GPA, average SAT score of 1390, and an average ACT score of 31.
- The freshman retention rate of 97% is among the highest in the country.
- UF ranks 4th and 9th respectively in Latino and African American graduates who go on to receive doctorates in STEM fields. It is also ranked 1st in the nation in the number of African American female faculty in Engineering.
- Sixty-seven percent of UF full-time freshmen graduate in four years, and 88% of UF freshmen graduate within six years.





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.



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



Diplomas

Diplomas will be mailed to the graduate's diploma mailing address in June 2021.

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 blue violet; Audiology degrees have colonial blue edging; Business Administration and Accounting are drab; Dentistry is lilac; Education is light blue; Engineering degrees are represented by orange edging; Fine Arts degrees have brown edging; Health and Human Performance is sage green; Journalism and Communications is garnet; Law is purple; Liberal Arts is white and Liberal Sciences is gold yellow; Medicine is green; Music is pink; Natural Resources and Environment is antique gold; Nursing is apricot; Doctor of Pharmacy is olive; Philosophy is royal blue; Public Health degrees have salmon pink edging; Rehabilitation Counseling degrees have Nile green edging; and Veterinary Medicine is gray.

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

The 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.





Alma Mater

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

Milton Yeats