

FLORIDA STATE UNIVERSITY
Doctoral Commencement Ceremony



9:00 a.m. December 12, 2025

Donald L. Tucker Civic Center

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HISTORY OF FLORIDA STATE UNIVERSITY

In 1851, state legislators provided for the establishment of two institutions of higher learning in Florida east and west of the Suwannee River. The purpose for these schools was to instruct men and women in the art of teaching all facets of a common school education, as well as to provide instruction in the mechanic arts; husbandry; agriculture; fundamental laws; and citizens' rights and duties. In 1856, when state representatives accepted Tallahassee Mayor Francis Eppes' offer of city-owned land and the Florida Institute's existing school building, Tallahassee became the western institution's permanent home.

Following the Civil War, the Florida Institute entered a period of growth and development. By 1897 it had become the first liberal arts college in the state, and in 1901 became Florida State College. In 1905, the Legislature reorganized Florida's educational system. The school became an all-women's college and was subsequently renamed Florida State College for Women. However, when World War II ended, returning veterans required additional educational resources. In 1947, the Governor signed an act of the Legislature returning FSCW to a coeducational institution and renaming it The Florida State University.

The 1950s and 60s brought further development and expansion with the addition of new colleges and schools, such as Business, Library Science, Social Welfare (later split into Social Work and Criminology), and Nursing. The 1970s and 80s saw the establishment of programs in African American Studies, Women's Studies, and the expansion and strengthening of the Liberal Arts Program. From 1957 to 2000, FSU opened study centers in Panama City, Republic of Panama; Florence, Italy; London, England; and Valencia, Spain. FSU's International Programs offers study opportunities that vary from year to year, but can include locations in Australia, China, Costa Rica, Croatia, Czech Republic, Ecuador, France, Ireland, Japan, Russia, and Switzerland. Additionally, The Center for Global Engagement hosts exchange programs in Jamaica and Germany (Beyond Borders).

Between 2001 and 2015, a new College of Medicine opened, and regional medical campuses were added throughout the state. In 2005, The Pathways of Excellence initiative was designed to competitively hire faculty to enhance the university's standing through a series of strategic goals. Most notably, benchmarks were met that led to FSU being named a preeminent university by the Florida Legislature, which set it on a path to become one of the top 25 public universities in the nation.

In each succeeding decade, Florida State University has added to its academic organization and presently comprises eighteen independent colleges. The University offers 267 bachelors, masters, and specialist degrees as well as 84 doctoral degrees, including the Juris Doctor in Law and the Doctor of Medicine. Recent efforts have been focused on elevating the university's reputation as a preeminent research institution; presiding over a one billion dollar fundraising campaign; advancing the university's academic and research mission; championing diversity and inclusion; becoming one of the most veteran-friendly campuses in the country; and welcoming the best and brightest students in the university's history.

SEMINOLE TRIBE OF FLORIDA

The Seminole Tribe of Florida and Florida State University maintain a close relationship based on friendship, mutual respect, and support for one another. The Seminole Tribe of Florida are a courageous, tenacious, and determined people who, against great odds, fought successfully to preserve their culture and to live their lives according to their traditions and beliefs. Since 1947, FSU has proudly identified itself with this heroic tribe. FSU's use of the name honors the strength and bravery of these people, who never surrendered and ultimately persevered.

FLORIDA STATE UNIVERSITY ADMINISTRATIVE OFFICERS

Richard McCullough, Ph.D.
President

James Clark, Ph.D.
*Provost and Executive Vice President for
Academic Affairs*

Jeanette Taylor, Ph.D.
*Vice President for Faculty Development &
Advancement*

Kyle Clark, M.B.A.
*Senior Vice President for Finance &
Administration*

Amy Hecht, Ed.D.
Vice President for Student Affairs

Joe O'Shea, Ph.D.
*Vice President for Student Academic
Success*

Stacey Patterson, Ph.D.
Vice President for Research

Marla Vickers, Ed.D.
Vice President for University Advancement

Michael Alford, M.Ed.
Vice President and Director of Athletics

Carolyn Egan, J.D.
*Vice President for Legal Affairs and
General Counsel*

Marissa Langston, M.S.
Vice President and Chief of Staff

FLORIDA STATE UNIVERSITY BOARD OF TRUSTEES

The Honorable Peter Collins, Chair

The Honorable Maximo Alvarez

The Honorable Kathryn Ballard

The Honorable Carson Dale

The Honorable Vivian de las Cuevas-Diaz,
Vice Chair

The Honorable Jorge Gonzalez

The Honorable Jim W. Henderson

The Honorable Roxanne Hughes

The Honorable Peter Jones

The Honorable Brian Murphy

The Honorable Justin Roth

The Honorable Drew Weatherford

The Honorable Tim Weisheyer

COMMISSIONER OF EDUCATION

The Honorable Anastasios Kamoutsas

CHANCELLOR STATE UNIVERSITY SYSTEM OF FLORIDA

The Honorable Ray Rodrigues

BOARD OF GOVERNORS

The Honorable Brian Lamb, Chair

The Honorable Ashley Bell Barnett

The Honorable Timothy M. Cerio

The Honorable Carson Dale

The Honorable Kimberly Dunn

The Honorable Aubrey Edge

The Honorable Patricia Frost

The Honorable Carson Good

The Honorable Edward Haddock

The Honorable Ken Jones

The Honorable Alan Levine

The Honorable Charles H. Lydecker

The Honorable Craig Mateer

The Honorable Jose Oliva

The Honorable Paul Renner

The Honorable Eric Silagy

ACADEMIC DEANS

Dedman College of Hospitality
Dr. Donald Farr

Jim Moran College of Entrepreneurship
Dr. Susan Fiorito

College of Applied Studies
Dr. Randall Hanna

College of Medicine
Dr. Alma Littles

College of Motion Picture Arts
Mr. Reb Braddock

FAMU-FSU College of Engineering
Dr. Suvranu De

College of Fine Arts
Dr. James Frazier

College of Communication
and Information
Dr. Michelle Kazmer

College of Social Sciences
and Public Policy
Dr. Tim Chapin

College of Law
Dr. Erin O'Hara O'Connor

College of Nursing
Dr. Jing Wang

College of Business
Dr. Michael Hartline

College of Criminology
and Criminal Justice
Dr. Thomas G. Blomberg

College of Social Work
Dr. David W. Springer

College of Music
Dr. Todd Queen

Anne Spencer Daves College of Education,
Health, and Human Sciences
Dr. Damon Andrew

College of Arts and Sciences
Dr. Sam Huckaba

The Graduate School
Dr. Stephen McDowell
Interim Dean

Undergraduate Studies
Dr. DeOnte Brown

University Libraries
Ms. Katie McCormick
Interim Dean

ORDER OF THE CONFERRAL OF DEGREES

The order in which the academic degrees are conferred has been established by tradition. Beginning with the newest college in the University, the degrees are conferred in succession, proceeding toward the oldest college. Therefore, at Florida State University, the Dedman College of Hospitality is first and the College of Arts and Sciences is last in the conferral of academic degrees.

Dedman College of Hospitality

Jim Moran College of
Entrepreneurship

College of Applied Studies

College of Medicine

College of Motion Picture Arts

FAMU - FSU College of Engineering

College of Fine Arts

College of Communication and
Information

College of Social Sciences and Public
Policy

College of Law

College of Nursing

College of Business

College of Criminology and Criminal
Justice

College of Social Work

College of Music

Anne Spencer Daves College of
Education, Health, and Human
Sciences

College of Arts and Sciences

COMMENCEMENT MARSHALS AND SUBCOMMITTEES

HEAD MARSHALS

James Hunt

Mark Zeigler

DOCTORAL MARSHALS

Debra Fadool

Jennifer Farinella

Keith McCall

Adrienne Stephenson

William Woodyard

CONVOCATIONS EXECUTIVE COMMITTEE:

Kim Barber, Jim Clark, Jimmy Cole, Julie Decker, Taylor Gomez,
Marissa Langston, Joe O'Shea, Dennis Schnittker

COMMENCEMENT EXERCISES

Richard McCullough, President, Presiding



Processional
Pomp and Circumstance

Sir Edward Elgar
FSU College of Music Commence Brass
Mr. Aaron Ovsiew, Conductor

(Those who are able are requested to rise when the Procession enters and to remain standing through
the Seminole Tribe of Florida Color Guard, the Pledge of Allegiance, and the National Anthem)

Welcome and Comments

President McCullough

Welcome

Mr. Carson Dale
Student Body President

FRIDAY MORNING

Commencement Address

Dr. James J. Clark
Provost and Executive Vice President for Academic Affairs

Conferring of Academic Degrees

President McCullough

Recessional
Hymn to the Garnet and Gold

J. Dayton Smith
Arranged by Charles Carter
FSU College of Music Commence Brass
Mr. Ovsiew, Conductor
Ms. Caitlin Ecuyer, Vocalist

(Those who are able are requested to stand for the Recession)

ACADEMIC REGALIA

Patterned after medieval university customs, today's academic regalia reflect the status, scholastic achievement, and wearer's academic discipline. The colors on the trimmings of doctoral gowns, the edging on hoods, and the tassels of caps worn by undergraduate candidates reflect the student's academic area of study.

The colors seen at an FSU commencement ceremony are traditional and include white for the arts and humanities, brown for the fine arts, golden yellow for science, light blue for education, pink for music, citron for social work, drab for business, purple for law, apricot for nursing, maroon for human sciences, and green for medicine.

The wearer's degree is reflected by their gown and hood. A gown worn fastened at the top that features long, pointed sleeves is worn by those holding a bachelor's degree. The master's gown, which is worn open, has long, chiseled sleeves with a slit near the upper part of the arm. The doctoral gown, also worn open, is faced with a broad strip of velvet and has crossbars of velvet on each sleeve. The bars may be of black velvet or of colored velvet indicative of the degree's discipline and will agree with the hood's edging.

Hoods are worn by those holding graduate degrees. The doctoral hood is longer and more elaborate than the master's hood. At FSU, the lining of the hood is garnet and gold representing the University's colors. However, a faculty member who holds a degree from another college or university wears a hood whose lining is in the colors of his or her alma mater, with edging that represents his or her academic discipline.

The color of the undergraduate candidate's cap tassel indicates the candidate's degree. Graduate candidates-for-degree usually wear black tassels; however, the doctoral cap may have a tassel of gold thread. At the time the bachelor's degree is conferred, the tassel is changed from the right to the left side of the cap. Thereafter, it remains on the cap's left side.

The continuity of these academic symbols dates from the Middle Ages, and tradition dictates that they should be departed from as sparingly as possible, not only to preserve the symbolism of pattern and color, but for utility, as well.

THE MACE

Origins in the Middle Ages, the mace is an ornamental staff that symbolizes the authority of the university president.

The Florida State University mace, created from native black walnut and gold-plated silver, was designed by Ivan Johnson, FSU Professor of Art. The woodwork is the effort of James C. Smith, 1992-93 Lawton Distinguished Professor of Psychology, and the metalwork the product of FSU alumnus Donald Vodicka.

The university marshal bears the mace before the president as the academic procession enters and retires from academic convocations.

THE MEDALLION

The medallion, which bears the university Seal, was first presented to then FSU President Bernard Sliger by the Alumni Association at the revived Fall Convocation in 1988. Richard McCullough is the seventh president to wear the brass medallion as a symbol of the office at formal academic functions.

THE BANNER

The Banner is the highest ranking of the armorial ensigns, types of flag with heraldic significance, dating from medieval times. A knight who had displayed particularly valorous conduct became known as a Knight Banneret and was permitted to display his coat of arms on a square flag or banner carried on his lance. The Banner marked the carrier's position in battle, in a ceremony, or at a tournament.

Like the Mace, the Banner is one of the medieval heraldic devices adopted by the faculties of universities in Scotland in the 1400s to embellish academic ceremonies. Today we use them to identify the colleges participating in formal academic convocations.

UNIVERSITY-WIDE HONOR SOCIETIES

FSU sponsors chapters of several university-wide scholastic and leadership honor societies that recognize students who have excelled academically or through leadership and service to the University and community. Below is a list of the cord, stole, or medallion provided as recognition of membership:

Scholastic Honor Societies

Phi Beta Kappa- pink and light blue cord
Phi Kappa Phi- light blue cord
Golden Key International Honor Society- blue and yellow cord
Phi Eta Sigma- black and gold cord
National Society of Collegiate Scholars- garnet and gold cord
Tau Sigma National Honor Society- burgundy and gold cord

Leadership Honor Societies

The W.E.B. Du Bois Honor Society- red, green, yellow, and black cord
Omicron Delta Kappa- blue and white cord
Mortar Board- yellow and white cord
Garnet Key Honor Society- white cord
The Hispanic Honor Society- maroon stole
Garnet and Gold Key- garnet and gold cord



COLLEGE OF MEDICINE

Doctor of Philosophy
With Major In

Amber Parnell – Neuroscience-BMS
Major Professor: Dr. Pradeep Bhidé

"The Role of the $\alpha 7$ Nicotinic Acetylcholine Receptor in GABA Neuron Migration: Implications for E-cigarette Use During Pregnancy"



FAMU-FSU COLLEGE OF ENGINEERING

Doctor of Philosophy
With Major In

Mohamad Alaghebani – Civil Engineering
Major Professor: Dr. Sungmoon Jung

"Enhancing Structural Performance and Energy Absorption Through 3D Printing Technology"

Shahin Alam – Civil Engineering
Major Professor: Dr. Gang Chen

"Emerging Contaminants: Fate, Transport, and Management Across Diverse Watersheds"

Akshay Anand – Mechanical Engineering
Major Professor: Dr. Kourosh Shoele

"Effect of Face Shape on Effectiveness of Facemask for Large Population"

Ashley Chase – Mechanical Engineering
Major Professor: Dr. Jonathan Clark

"Multi-Modal Robotics and Design"

Iago Dal-Ri dos Santos – Mechanical Engineering
Major Professor: Dr. Neda Yaghoobian

"Transport of Firebrand Particles in the Turbulent Atmospheric Boundary Layer"

Cecil Evers – Materials Science & Engineering
Major Professor: Dr. Zhiyong Liang

"A Study on Scalable Carbon Nanotube Yarn Composites: Manufacturing, Radiation Functionalization, and Microstructure-Property Relationships"

Sailesti Joshi – Biomedical Engineering
Major Professors: Dr. Tristan Driscoll and Dr. Yan Li

"Effect of Extracellular Matrix and Integrin-based Adhesion/Signaling on Uptake of Therapeutic Nanoparticles"

Yating Mao – Biomedical Engineering
Major Professor: Dr. Jamel Ali

"Passive and Active Microrheology of Cellular Microenvironments"

Ananya Naha – Biomedical Engineering
Major Professor: Dr. Tristan Driscoll

"Integrin Based Activation of Fibrotic and Inflammatory Pathways in Intervertebral Disc"

Muhammad Tahir Mehmood Khan Niazi – Electrical Engineering
Major Professor: Dr. Peter Cheetham

"Superconducting Power Distribution for Liquid Hydrogen Fueled Electric Aircraft"

Mitesh Patadia – Industrial Engineering
Major Professor: Dr. Rebekah Downes

"Fundamental Understanding of Mechanical and Multifunctional Behavior in Hybrid Laminated Nanocomposites"

Yousef Saleh – Material Science & Engineering
Major Professor: Dr. Farrukh Alvi

"Aeroacoustics of Nonaxisymmetric Supersonic Jets"

Larry Connor Willis – Chemical Engineering
Major Professor: Dr. Zixiang Liu

"Theoretical and In-silico Insights for Engineering Flow Mediated Phase Transitions"



COLLEGE OF FINE ARTS

Doctor of Philosophy
With Major In

Elizabeth Raye Graham Anderson – Art Education
Major Professor: Dr. Dave Gussak

"Collaging Art Therapists' Identities: A Post Structural Exploration"

Haylee Glasel – Art History
Major Professor: Dr. Kirsten Dowell

"Ellos Eatnu/Let the River Flow: Sámi Artistic Responses to Contemporary Environmental Violence"

Lean Reilly Sherman – Art History
Major Professor: Dr. Adam Jolles

"Echoes of Discord, Visions of Unity: UNESCO and the Emergence of Cultural Heritage"

Jung Shan Sung – Art Education
Major Professor: Dr. Sara Scott Shields

"Exploring the Role of Culturally Sustaining Pedagogy in Museum-School Partnerships: Cultural Teaching Practices in Taiwan's Visual Arts Curriculum"



COLLEGE OF COMMUNICATION AND INFORMATION

Doctor of Philosophy
With Major In

Hanim Maria Astuti – Information
Major Professor: Dr. Chris Hinnant

"Exploring Barriers to Take-up in Broadband Subsidy Programs: The Case of the Affordable Connectivity Program"

Brianna Nicole Coltellino – Communication Science & Disorders
Major Professors: Dr. Andrea Barton-Hulse and Dr. Michelle Therrien

"Early Identification and Ongoing Support: Predictors of Developmental, Speech and Language, and AAC Service Utilization for Children with Medicaid"

Anisah Herdiyanti – Information
Major Professor: Dr. Melissa Gross

"Exploring Doctoral Student Mothers' Mobile Device Use for Studying and Parenting: Mixed Methods Research Using the Concurrent Triangulation Approach"

Minhyung Jo – Information
Major Professor: Dr. Gary Burnett

"Memes and Meme Communication within Online Game Communities on Social Media: Reddit and Facebook"

Shannon Comănesci Williams – Information
Major Professor: Dr. Gary Burnett

"From Post to Perception: Analyzing the Diffusion of Conspiracy Theories on Facebook Through Online Observation"



COLLEGE OF SOCIAL SCIENCES AND PUBLIC POLICY

Doctor of Philosophy
With Major In

Kristen Amaya – Sociology
Major Professor: Dr. Doug Schrock

*"The Construction of Central American
Identity in the United States"*

Jenny Bueno – Geography
Major Professors: Dr. Sarah E.
Lester and Dr. Sandra Brooke

*"Spatial and Temporal Dynamics of
Intertidal Oyster Reefs and Mangroves:
A Remote Sensing Approach"*

Kenneth Reshard Dukes – Public
Administration
Major Professor: Dr. Daniel Fay

*"Institutional Systems and Outcomes: A Study of
Criminal Justice, Education, and Policy Adoption"*

Elaina Dominique Gonsoroski – Geography
Major Professor: Dr. Christopher Uejio

"Societal Impacts of Hurricanes"

Caitlin Erin Jones – Geography
Major Professor: Dr. Tyler McCreary

*"Unearthing Conservation: A Multispecies Political
Ecology of Gopher Tortoise Relocation in Florida"*

Levon Mikaelian – Geography
Major Professor: Dr. Mark W. Horner

*"Missed Connections: A Spatial Analysis
of Transit Jobs Accessibility and Income
Segregation in Metropolitan Atlanta"*

Melissa VanSickle – Urban & Regional
Planning
Major Professor: Dr. Christopher Coutts

*"Nature Play and the City: Exploring Concepts
and Influences on the Planning and Experience
of Equitable Nature Play Spaces"*

Yijia Wen – Urban & Regional Planning
Major Professors: Dr. Kerry Fang
and Dr. William Butler

*"What Is Innovation's Network Structural
and Spatial-Temporal Influence on
Regional Economic Resilience?"*



COLLEGE OF LAW

Juris Doctor

Franco Darsin
Nolen Brien Hubbard
Ian T. Kampert
Harrison Christopher Lombardo
Caitlin V. McMahon



COLLEGE OF NURSING

Doctor of Nursing Practice
With Major In

Daphne D. Coats – Psychiatric Mental Health
Major Professor: Dr. Kelli Vaughn

Candice Coleman-Pope – Lifestyle Medicine
Major Professor: Dr. Alicia Craig-Rodriguez

Amber Crews – Family Nurse Practitioner
Major Professor: Dr. Jennifer Schnippert

Johndell Lovino Directo – Psychiatric Mental
Health
Major Professor: Dr. Jerri Edwards

Kaylie Lindsey – Adult-Gerontological Acute
Care Nurse Practitioner
Major Professor: Dr. Kristin Fadale

Iraida Miller Briceno – Psychiatric Mental
Health
Major Professor: Dr. Arin Jackson

Melisa M. Morgan – Adult-Gerontological
Acute Care Nurse Practitioner
Major Professor: Dr. Kristin Fadale

Meredith Worth Moseley – Family Nurse
Practitioner
Major Professor: Dr. Kelli Vaughn

Nicole Anita Shafar – Executive Health
Systems Leadership
Major Professor: Dr. Allison McHugh

Erin Amber Talamo – Family Nurse
Practitioner
Major Professor: Dr. Jennifer Schnippert

AnaBelen Taylor – Lifestyle Medicine
Major Professor: Dr. Alicia Craig Rodriguez

Rose Thompson – Psychiatric Mental Health
Major Professor: Dr. Jerri Edwards

Martha Kelly Waldrep Reeves – Psychiatric
Mental Health
Major Professor: Dr. Jerri Edwards



COLLEGE OF BUSINESS

Doctor of Philosophy
With Major In

Gabriel F. Carrillo – Risk Management &
Insurance
Major Professor: Dr. Patricia Schriefer

*"A Survey of Social Inflation and the Direct
and Indirect Impact on Consumers"*

DC De La Hay – Organizational Behavior &
Human Resources
Major Professors: Dr. Samantha Paustian
Underdahl and Dr. Bruce T. Lamont

*"Transgender Supportive Initiatives: An
Examination of the Role of Intergroup Threat
Perceptions on Applicant Attraction"*



COLLEGE OF SOCIAL WORK

Doctor of Philosophy
With Major In

Michae D. Cain – Social Work
Major Professor: Dr. Dina Wilke

*"Understanding Early Career Turnover
in Child Welfare: The Role of Intentions
and Organizational Social Exchanges"*



COLLEGE OF MUSIC

Doctor of Music
With Major In

Madison Brooke Barton – Brass
Performance
Major Professor: Dr. Christopher Moore

Connor Reese Croasmun – Woodwind
Performance
Major Professors: Dr. Deborah
Bish and Dr. Jonathan Holden

Aric Vincent Lee – String Performance
Major Professor: Professor Greg Sauer

Lujie Wang – Piano Performance
Major Professor: Dr. Heidi L. Williams

Doctor of Philosophy
With Major In

Susan Elizabeth Evans – Musicology
Major Professor: Dr. Denise Von Glahn

*"The Place of the Wind Band in Twenty-
First Century American Culture"*

George Pettis – Musicology
Major Professor: Dr. Panayotis League

*"Skate and Create: Thinking Musically
About Skateboarding"*



ANNE SPENCER DAVES COLLEGE OF EDUCATION, HEALTH, AND HUMAN SCIENCES

Doctor of Education
With Major In

Amy Arthur – Learning Design and
Performance Technology
Major Professor: Dr. Kenneth Bret Staudt Willet

*"Educational Disruptors: How COVID-19
Impacted Teacher Educational Technology
Knowledge in the Post-Pandemic Classroom"*

Alyssia Benford – Educational Leadership/
Administration
Major Professor: Dr. Patrice Iatarola

*"An Evaluation of the Chicago Teacher Pension
Obligations, Overcoming Financial Crisis"*

Jason Harle – Learning Design and
Performance Technology
Major Professor: Dr. Kenneth Bret Staudt Willet

*"From Classroom to Career: How LinkedIn
Fuels Self-Directed Learning for Florida State
University College of Business Seniors"*

Truitte I. Moreland – Educational
Leadership/Administration
Major Professor: Dr. Patrice Iatarola

*"School Influences That Drive
Postsecondary Planning"*

Doctor of Philosophy
With Major In

Juhee K. Cavins – Learning and Cognition
Major Professor: Dr. Jeannine E. Turner

*"Emotion in Motion: Emotion Regulation
Among Undergraduate Engineering Students
in Their Most Challenging Courses"*

Holly Nicole Henning – Higher Education
Major Professor: Dr. Anne Marie Wofford

*"The Gendered Experiences of Academic Major
Changers from Engineering and Computing"*

Lisa Jackson – Higher Education
Major Professor: Dr. Kathy L. Guthrie

*"Mattering Through Leadership: Enhancing
Campus Support Programs for Students
with a History of Foster Care, Homelessness,
Relative Care, or Ward of the State Status"*

Camille Lewis – Learning and Cognition
Major Professor: Dr. Alysia D. Roehrig

*"Exploring Early Childhood Teachers'
Experiences with Farm to a School
Professional Development: A Case Study"*

Wenqi Li – Measurement and Statistics
Major Professor: Dr. Qian Zhang

*"Comparing Tree-Based Methods and
Logistic Regression for Propensity
Score Estimation in Causal Inference:
Cautions and Recommendations"*

Malaya Monk – Counseling Psychology and
School Psychology
Major Professor: Dr. Lyndsay N. Jenkins

*"Uncovering the Mechanisms of Aggression:
A Social Cognitive Perspective"*

Bolade Sylvester Olateju – Exercise
Physiology
Major Professor: Dr. Michelle A.
Stegemeyer Parvatiyar

*"Evaluation of Sarcospan as a Genetic Factor
Increasing Cardiometabolic Risk in Smokers"*

Yanyu Pan – Learning and Cognition
Major Professor: Dr. Jeannine E. Turner

*"Academic Procrastination Among First-Year
College Students on Academic Probation:
A Grounded Theory Perspective"*

Kate Schell – International and Multicultural
Education
Major Professor: Dr. Stephanie
Simmons Zuilkowski

*"Teachers' Enactment of the Gradual Release
of Responsibility Model for Literacy Instruction:
A Comparative Case Study of Global Policy
Recontextualization in the Philippines"*

Mira Talpau Joos – Learning and Cognition
Major Professor: Dr. Alysia D. Roehrig

*"College Students' Engagement with Duolingo-
Based Language Learning: Perceived
Gains and Benefits and Perceptions of
Transfer to the Language Classroom"*



COLLEGE OF ARTS AND SCIENCES

Doctor of Philosophy
With Major In

Ali Al Kadhim – Physics
Major Professor: Dr. Harrison Prosper

*"Fast Emulation, Bayesian Optimization, and
Simulation-Based Inference: A Modern End-
to-End Toolkit for Particle Physics Analysis"*

Ryan Bausback – Financial Mathematics
Major Professor: Dr. Feng Bao

*"A Novel Approach to Uncertainty
Quantification in Operator Learning"*

Safiah Bawazeer – Mathematics
Major Professor: Dr. Mark Van Hoeij

"Simplifying Difference Equations"

Tracey Bell – Biological Science
Major Professor: Dr. Steven Lenhert

*"Partitioning and Catalysis in Lipid-Based
Supramolecular Systems AKA: Lipids Doing
Biochemistry Without Permission"*

Mario David Benites Valladares – Physics
Major Professor: Dr. Efstratios Manousakis

*"Interacting Electron Gas in a Weak
External Potential: Towards an
Accurate Density Functional"*

- Allison Michelle Blanchette** – Biological Science
Major Professor: Dr. Andrew Rassweiler
"Ecological Drivers of Coral Condition: From Genotype to Species Interactions"
- Athar Bsharat** – Applied and Computational Mathematics
Major Professor: Dr. Aseel Farhat
"Impact of Rotation on Global Attractor Dimension for 3D Primitive Equations"
- Ian de Botton Campbell** – Chemistry
Major Professor: Dr. Mykhailo Shatruk
"Studies of Complex Magnetically Ordered Materials: From Frustration to non-Centrosymmetric Materials"
- Maggie Adler Cooper** – Chemistry
Major Professor: Dr. Oliver Steinbock
"Microfluidic Investigations into the Growth, Composition, and Potential Functions of Magnesium Hydroxide-based Precipitate Membranes"
- William Stanton Curtis** – Meteorology
Major Professor: Dr. Henry Fuelberg
"Non-Thunderstorm Cumulus Electrification Assessment and Predictive Analysis Using Machine Learning Methods"
- Christopher Draper** – Computer Science
Major Professor: Dr. Michael Vincent Mascagni
"Moving Permuted Congruential Generators Beyond Linear Congruential Generators"
- Gustavo Figueiredo** – Physics
Major Professor: Dr. Fernando Febres Cordero
"On the Analytic Structure of Two-Loop Scattering Amplitudes with Massive Particles"
- Emily M. Fuqua** – Biological Science
Major Professors: Dr. Sandra Brooke and Dr. Don Levitan
"Acute and Carry-over Effects of Environmental Stress in a Florida Population of Eastern Oysters Crassostrea Virginica: Implications for Conservation and Restoration"
- Pouria Gholami Tilko** – Molecular Biophysics
Major Professor: Dr. Kenneth A. Taylor
"Structure of Rabbit Psoas Skeletal Muscle Thick Filaments at 10 Å Resolution by Cryo-Electron Microscopy Single Particle Analysis"
- Durbadal Ghosh** – Biostatistics
Major Professor: Dr. Debajyoti Sinha
"Analysis of Spatially Clustered Survival Data with Unobserved Covariates Using SBART and Causal Inference on Spatially Clustered Survival Data"
- Robert Goff** – Physics
Major Professor: Dr. Harrison Prosper
"Simulation Based Inference Using Statistical Event Libraries in Standard Model Effective Field Theory"
- Nicholas Rianard Goodly** – Creative Writing
Major Professor: Dr. Leroy Lamar Wilson
"Lyric Embodiment: Dancing with Duende in Three Acts"
- Joseph Guzman** – Physics
Major Professor: Dr. Jeremiah Murphy
"Stellar Ages: Age Dating Stellar Populations to Constrain Which Stars Explode"
- Alexander Robert Facile Haidet** – Physics
Major Professor: Dr. Laura Reina
"Off-shell Modeling of Hadronic Top Quark Pair Production with an Associated Photon and Parton-Shower Evolution"
- Matthew Jernberg** – Philosophy
Major Professor: Dr. Mark LeBar
"How Death Harms Us: A Defense of Fear"
- Evan Jones** – Meteorology
Major Professors: Dr. Allison Wing and Dr. Rhys Parfitt
"Influence of Western Boundary Currents and Their Sea Surface Temperature Gradients on the Extratropical Transition of Tropical Cyclones"
- Andre Robert Juliao** – Physics
Major Professors: Dr. Lance Cooley and Dr. Irinel Chiorescu
"Nb3Sn Thin Films Using the Bronze Route for Dark Matter Detection"
- Rittwika Kansabanik** – Statistics
Major Professor: Dr. Adrian Barbu
"Feature Selection Using Latent Factor Models for High-dimensional Data"
- Mehmet Kaplan** – Physics
Major Professor: Dr. Jianming Cao
"Ultrafast Electron Dynamics in Laser-Induced Warm Dense Matter"
- Ryan Sangwoo Kim** – Physics
Major Professor: Dr. Todd Adams
"A Search for Heavy Stable Charged Particles with the CMS Experiment Using Missing Transverse Energy Triggers"
- Kaizhou Lei** – Statistics
Major Professors: Dr. Zhaotong Lin and Dr. Chao Huang
"Advanced Statistical Methods for Heterogeneous and High-Dimensional Data on Alzheimer's Disease Studies"
- Victoria Li** – Chemistry
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