



RESEARCH DAY

Friday, November 10, 2023 – Thad Cochran Center

8:30 am **Opening Remarks**

8:45 am **From Behavioral Health to Social Justice: Unveiling Insights Across Disciplines**

“Transdiagnostic group-based clinical services in the Center for Behavioral Health (CBH): Understanding barriers and facilitators of engagement.”

Dr. Kelsey Bonfils, Assistant Professor

Dr. Kristy McRaney, Assistant Professor
School of Psychology

“The Indian Colony: Native Americans and Immigrants in Gilded Age NYC.”

Dr. John Winters, Assistant Professor
School of Humanities

“A Data-Centered Approach in Analyzing Labor Violations to Inform Proactive Outreach for Combatting Labor Trafficking”

Dr. Kayla Stan, Assistant Professor
School of Biological, Environmental, and Earth Sciences

Beyond Words: Incivility, Strategic Conflict, and Colonial Narratives

“The Robot Said What?! Incivility during Service Experiences in Restaurants.”

Dr. Banu Bas, Assistant Professor
School of Marketing

“Moral Conflict and Dynamic Equilibrium: Public Relations as Strategic Conflict Management.”

Dr. Jae-Hwa Shin, Professor
School of Media & Communication

“82nd Division: A Book of Poems on Colonialism.”

Dr. Michael Aderibigbe, Assistant Professor
School of Humanities

9:30 am **Break**

9:45 am **Harmony in Diversity: Blue Economies, Faith-Based Communities, and Environmental Leadership**

“On the Move, Fish Movements and Habitat Restoration in Mississippi's Waters”

Dr. Michael Andres, Assistant Professor
School of Ocean Science & Engineering

“Blue Economies and Faith-Based Communities: Examining the Impact of Collectivism and Emotional Intelligence on Workplace Resilience”

Dr. Bradley Winton, Assistant Professor
School of Leadership

“Developing the Environmental Justice STEMM Leadership Academy”

Dr. David Holt, Associate Professor
School of Coastal Resilience

Dr. Kelly Lucas

Hallway

Dr. Trent Gould, Moderator
Dean College of Education &
Human Sciences

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Kaycee McMullen, Asst. Moderator
Assistant Director, RIGSA
Office of Research Administration

Dr. Bret Becton, Moderator
Dean College of Business &
Economic Development

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Sally Downey, Asst. Moderator
Assistant Director FRA
Office of Research Administration

Dr. Chris Winstead, Moderator
Dean College of Arts and Sciences

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Joe Steadman, Asst. Moderator
Contracts Grants Coordinator
Office of Research Administration



RESEARCH DAY

Dr. Rachel Gisewhite, Assistant Professor
Center for STEM Education
Dr. Jennifer Walker, Associate Professor
School of Coastal Resilience

9:45 am

In Motion: From Patient Care to Sports and the Open Ocean

“Decreasing the Gap Between Patient and Provider using Mobile Anthropometrics”

Dr. Austin Graybeal, Assistant Professor
School of Kinesiology and Nutrition

“Spectator Sports Safety and Security: Practices, Technologies, Threats, and Experiences”

Dr. Stacey Hall, NCS4 Executive Director
School of Marketing

“Unlocking the Ocean Data Collection: Customized SeaTrac USV as a Mobile CUBEnet Platform for Hypoxia Mapping”

Dr. Vishwamithra Sunkara, Data Scientist
School of Ocean Science & Engineering

Dr. Lachel Story, Moderator
Dean College of Nursing & Health Professions

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Maurine Pace, Asst. Moderator
Information Specialist
Office of Research Administration

10:30 am

Break

10:45 am

Dynamics in Research: From Antibody Estimation to Oceanic Variability

“Improving Estimation of Intervention Impact on Antibody Titer Increase in the Presence of Missing Values”

Dr. Yang Ge, Assistant Professor
School of Health Professions

“Molecular Dynamics Simulations of Polyfluoroalkyl Substance Self-Assembly Behavior on Substrates”

Dr. Boran Ma, Assistant Professor
School of Polymer Science and Engineering

“Internal Wave Variability in Global Ocean Simulations”

Dr. Maarten Buijsman, Associate Professor
School of Ocean Science and Engineering

Dr. Leila Hamdan, Moderator
Associate Vice President for Research, Coastal Operations

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Matthew Thornton, Asst. Moderator
Contracts Grants Administrator
Office of Research Administration

10:45 am

Innovate & Elevate: Faculty Research Incentives, Translation, and Patent Fundamentals

“Inspiring Bridges to Accelerate Research Translation”

Dr. Brian Cuevas, Director
Office of Innovation Management

“Basics of Patent Filing and Prosecution”

Kevin J. Dunleavy, US Patent Attorney
Mendelsohn Dunleavy, P.C.

“Faculty Research Incentive Program”

Corrie Stringer, Director, *Financial Reporting & Auditing*
Michelle Shows, Director, *Proposal & Award Management*
Jennifer Wilson, Director, *Research Information Systems & Grant Analysis*

Dr. Kelly Lucas,
Vice President for Research

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Rachel Myrick, Asst. Moderator
Paralegal/Office Manager
Office of Innovation Management



THE UNIVERSITY OF
SOUTHERN MISSISSIPPI



RESEARCH DAY

11:45 pm

Lunch

Thad Cochran Ballroom I & II

Dr. Robson F. Storey

2023 Lifetime Research Award Winner

Professor Emeritus, School of Polymer Science and Engineering

Bennett Distinguished Professor

"Dance of Freedom: Reconstruction of Florence Fleming Noyes's 1914 Suffrage Performance"

Meg Brooker, Professor

School of Performing & Visual Arts

"Dancing through the African Diaspora"

Aaron Allen, Assistant Professor

Derreck Williams, Assistant Teaching Professor

School of Performing & Visual Arts

"Bicicleta de Baiano"

Dr. Kelly Lester, Professor

School of Performing & Visual Arts

Dr. Nicholas Ciraldo, Professor

School of Music

1:00 pm Research Showcase

Poster

101	"The Sunlight-Sleep Connection: Insights from a Daily Diary Investigation"	Dr. Austen Anderson, Assistant Professor <i>School of Psychology</i>
102	"The mediating role of Career Resilience on Gen Z's Emotional Intelligence and Career Outcomes"	Dr. Bhagyashree Barhate, Assistant Professor <i>School of Leadership</i>
103	"Climate Change. Wildfires. And Algal Blooms"	Dr. Diana Bernstein, Assistant Professor <i>School of Ocean Science & Engineering</i>
104	"Theatrical Costume Design"	Theresa Bush, Associate Professor <i>School of Performing and Visual Arts</i>
105	"Summer Studio Projects"	Allen Chen, Associate Professor <i>School of Performing and Visual Arts</i>
106	"Censorship on the Rise"	Dr. Laura Clark Hunt, Assistant Professor Dr. Jennifer Steele, Assistant Professor Dr. Stacy Creel, Director and Associate Professor <i>School of Library & Information Science</i>
107	"Developing a Mixed Reality Platform for Construction Management Students to Enhance Building Construction Skills in a Semi-Virtual Laboratory"	Dr. Mohsen Foroughi-Sabzevar, Assistant Professor <i>School of Construction & Design</i>
108	"A Practical Study of Icon Painting"	Janet Gorzegno, Professor <i>School of Performing and Visual Arts</i>
109	"Updates from the Center for Optoelectronic Research"	Dr. Xiaodan Gu, Associate Professor <i>School of Polymer Science & Engineering</i>
110	"Center for Fisheries Research and Development - Billfish Research"	Jeremy Higgs, Assistant Director <i>Center for Fisheries Research & Development</i>

CELEBRATING ACHIEVEMENTS IN RESEARCH, SCHOLARSHIP AND CREATIVE ACTIVITY



THE UNIVERSITY OF
SOUTHERN MISSISSIPPI



RESEARCH DAY

111	"Women's Work: a Dance and Sculpture Collaboration"	Meg Brooker, Professor Jennifer Torres, Professor <i>School of Performing & Visual Arts</i>
112	"Impact of the Affordable Care Act on participation in the Supplemental Nutrition Assistance Program among low-income older Medicare beneficiaries"	Dr. Hyunmin Kim, Assistant Professor <i>School of Health Professions</i>
113	"Injury Epidemiology and Preventative Strategies in Triathletes: A Study of the 2022 Season"	Dr. Jeffrey Parr, Assistant Professor <i>School of Health Professions</i>
114	"Creative Practice in the Ceramic Arts"	Mark Rigsby, Associate Professor <i>School of Performing and Visual Arts</i>
115	"Controllers' Non-GAAP Reporting Decisions Under Pressure: The Role of Capability"	Dr. Valerie Simmons, Assistant Professor <i>School of Accountancy</i>
116	"Understanding the Experience of Parents Planning for the Future Care of Adult Children with Autism"	Dr. Kevin Stott, Instructor <i>School of Child & Family Studies</i>
117	"CHELT: Simplifying and Translating Higher Education Information for Minoritized Language Populations"	Dr. Zach Taylor, Assistant Professor <i>School of Education</i>
118	"Association between Estimated Glomerular Filtration Rate and Depression Medication Use among participants in the All of Us"	Dr. Felix Twum, Assistant Professor <i>School of Health Professions</i>
119	"The Unexplored World of Mosquito Phenotypes"	Dr. Don Yee, Professor <i>School of Biological, Environmental, and Earth Sciences</i>
120	"Sources of Support and Information During Pregnancy and Postpartum"	Dr. Sharon Young, Assistant Professor <i>School of Social Science & Global Studies</i>
121	"The Dark Side of Product Reviews: Helpful Reviews are Anxious Reviews"	Dr. Chris Zimmer, Assistant Professor <i>School of Finance</i> Dr. Brigitte Burgess, Associate Professor <i>School of Marketing</i> Dr. Gallayanee Yaoyuneyong, Professor <i>School of Marketing</i>
122	"Marine Education Center - Partners in STEM"	Dr. Jessie Kastler, Director <i>Marine Education Center</i>
123	"Pharm" to Table: Scaffolding Strategies to Grow Curriculum"	Dr. Mary Collins, Assistant Professor <i>School of Leadership and Advanced Nursing Practice</i>
124	"They Cut Down All the Trees: An Extractive Environmental History of the Mississippi Pine Belt"	Dr. Jeff Hirschy, Assistant Professor <i>School of Library and Information Science</i>
2:30 pm	Research Showcase Awards	Dr. Kelly Lucas