UofM Continues to Grow Research Efforts
University research activity secures institutional record $86M in research awards for FY23.

UMRF Awards Faculty with Professorships

University of Memphis Research Foundation awards two faculty with research professor appointments.
Call for 2023-24 CoRS Research Proposals

Research & Innovation is extending the next call for Communities of Research Scholars.

Read Full Story
NIH R15 and Biomedical Research

Developing interventions to mitigate the development of post-traumatic osteoarthritis.
Strategic Division Research Planning for FY24

The Division of Research & Innovation work to set goals to grow research efforts for the next year.

Read Full Story
Yoga Exercise and Cardiovascular Disease

Research on the beneficial clinical and therapeutic role yoga plays in heart disease, stroke and diabetes.

Read Full Story
Developing Monitoring Tools in Agriculture

New eDNA and eRNA tools aims to benefit honey bee health and reduce the decline in population.
New Methodologies for Nursing Education

Exploring strategies for fostering autonomy in nurse practitioner students' clinical education.

Read Full Story
Embodied Cognition Seminar Series

Addressing internal and external factors that play a role in the development of cognitive capacities.

Read Full Story
Information Processing Biases in Stuttering Adults

Understanding attention patterns in stuttering can open new directions for research and clinical intervention.
NIH and NSF Funding Opportunities

Recently published federal agencies’ funding opportunities outlining upcoming grants.

See Full List
Calendar of Events
September 2023
Research Development, Pre/Post Awards, UMRF Research Park & FedEx Institute of Technology.

See Full List

Research Awards August 2023

Dr. Cody Behles awarded $580,000 from the Delta Regional Authority.

Dr. Deranda Lester awarded $432,051 from the National Institutes of Health (NIH).

Dr. Daniel Foti awarded $350,000 from the Office of Naval Research.

Dr. Qianyi Cheng awarded $327,397 from the National Institutes of Health.

Dr. Kathryn Ramsey awarded $300,000 from the University of Memphis Research Foundation and $350,000 from The Urban Child Institute.

Dr. Sabyasachee Mishra awarded $299,998 from the Tennessee Department of Transportation.
Dr. Thomas Sutter awarded $252,560 from the University of Pennsylvania with the National Institutes of Health.

Dr. Loretta Rudd awarded $250,000 from The Urban Child Institute.

Dr. Nathan DeYonker awarded $186,061 from the National Science Foundation.

Dr. Mitchell Withers awarded $185,831 from the U.S. Geological Survey.

Dr. Eraina Schauss awarded $185,000 from The Urban Child Institute.

Dr. Amir Hadadzadeh awarded $160,000 from Medtronic Incorporated.

Dr. Daniel Larsen awarded $139,569 from the West Tennessee River Basin Authority and $28,141 from the U.S. Geological Survey.

Dr. Melanie Burgess awarded $113,989 from the U.S. Department of Education.

Dr. Kristoffer Berlin awarded $108,975 from Wayne State University with the National Institutes of Health.

Dr. Christos Papadopoulos awarded $107,208 from the National Science Foundation.

Derek Myers awarded $81,000 from the State of Tennessee Office of Criminal Justice Programs with the U.S. Department of Treasury Office of Financial Research.

Dr. Thouraya Al-Nasser awarded $50,000 from The Urban Child Institute.

Dr. Bert Burraston awarded $43,234 from Methodist Le Bonheur Community Outreach with the U.S. Department of Justice.

Dr. Richard Sweigard awarded $39,600 from Tennessee State University with the National Science Foundation.

Dr. Jeffrey Marchetta awarded $36,610 from Vanderbilt University with the National Aeronautics and Space Administration and $30,000 from Tennessee Technological University with the U.S. Department of Energy.

Dr. James Murphy awarded $35,742 from Washington State University with the National Institutes of Health.

Dr. Huigang Liang awarded $19,491 from The University of Texas at Austin with the National Institutes of Health.

Dr. Minhae Cho awarded $17,900 from the Seoul National University with the National Research Foundation of Korea.

Dr. Mohd Ali awarded $10,000 from the Electric Power Research Institute.

Adriana Dunn awarded $8,900 from the Tennessee Arts Commission with the National Endowment for the Arts.

Dr. William Shaltis awarded $6,400 from the Tennessee Arts Commission with the National Endowment for the Arts.

Dr. Emerson Bowers awarded $2,250 from the American Ornithological Society.

Dr. Diana Ruggiero awarded $1,000 from Teach Access.

* Data reported the 18th of each month. Awards finalized after the 18th will be reported the following month.

Full project and award details available here.
FedEx Institute of Technology
Technology Serving Humanity Speaker Series

Welcomes

Dr. Heng Xu
Professor of Management in the Warrington College of Business
University of Florida

Xu's recent research focuses on privacy protection, data ethics and fairness in machine learning. She has published over 100 research papers across different fields such as Business, computer science and psychology. Her research has been awarded multiple competitive grants from multiple federal funding agencies, including Defense Advanced Research Project Agency, National Institutes of Health and National Science Foundation.

Thursday, Sept. 7 | 3 PM (CST)
FedEx Institute of Technology | Methodist Presentation Theatre (103)

REGISTER
Women+'s Mentorship Network
Building a community of mentors.

Please join us for our first WMN+ monthly meetup where WMN+ members will share their best practices and experiences in writing and submitting CoRS proposals. CoRS grants are funded through the Division of Research & Innovation. Learn more >>

Sessions will focus on:

- building your research team
- writing the proposal
- spending the funds awarded
- leveraging your CoRS award to pursue more externally-funded projects.

WMN+ CoRS mentors for this event include: Carolyn Kaldon (CREP); Melanie Conroy (World Languages and Literatures); Davis Downey (PADM); Yafang Li (MIS); Crystal White (ICL); Ryan Fisher (CCFA); and Alex Headley (Mechanical Engineering).

Friday, Sept. 8 | 1-2:30 PM (ZOOM)

Register
AI Grant Collaborative Meeting

*Topics include potential future application for AI for Discovery in Materials Research, among others.*

The recent announcement of a second round of AI Institutes from the NSF comes at an important moment for research into artificial intelligence sees increasing visibility in the general public. This meeting is an opportunity to bring together faculty interested in AI research applications from across campus. We invite faculty from all departments to an open meeting to discuss potential collaboration intersections, with an emphasis on forming grant teams.

Topics for grant projects may be presented in the meeting. To share topics in advance, email researchdev@memphis.edu.

**Friday, Sept. 22 | 1-2:30 PM**
FedEx Institute of Technology | Fishbowl (203/205)

[REGISTER]
FedEx Institute of Technology  
Distinguished Speaker Series

Welcomes

**Dr. Kevin Berisso**  
Associate Professor in Engineering Technology  
and Auto ID Lab Director  
University of Memphis

Berisso's talk will focus on 2D in retail efforts and touch on the TDS 2.0 AIDC+ expansion and the potential impacts upstream (manufacturing/DC level of reading).

Berisso holds a BS in Industrial Technology from Ohio University, an MS in Industrial Technology from Indiana State University and a PhD in Technology Management from Indiana State University.

**Thursday, Sept. 28 | 3 PM (CST)**  
FedEx Institute of Technology | ZOOM

REGISTER
Research Studies
Participation Opportunities

Currently available:

- Center for Information Assurance >
- Department of Psychology >
- Speech Perception Assessment Laboratory >

If your department or college would like to have its research study participation opportunities listed, email thisweek@memphis.edu.