



A Tennessee Flagship Carnegie R1 Research Institution

RESEARCH + **INNOVATION**

NEWSLETTER



Saikia to Develop Innovative Neuroimaging Headband

UofM researcher awarded NSF grant to develop transformative neurofeedback technology to monitor brain activity in real time.

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New Community Launches for Foundation Grant Pursuit

Designed for faculty interested in pursuing foundation funding but have either not yet applied, or have not secured funding in recent years.

[Read Full Story](#)



Arctic Circle for Expedition Residency

UofM's Lisa Williamson sets sail for Arctic Circle to merge art and environmental research.

[Read Full Story](#)



Glacier Bears Offer Insight to Human Health

UofM researcher utilizing a rare color variant of American Black Bears to understand human hair greying.

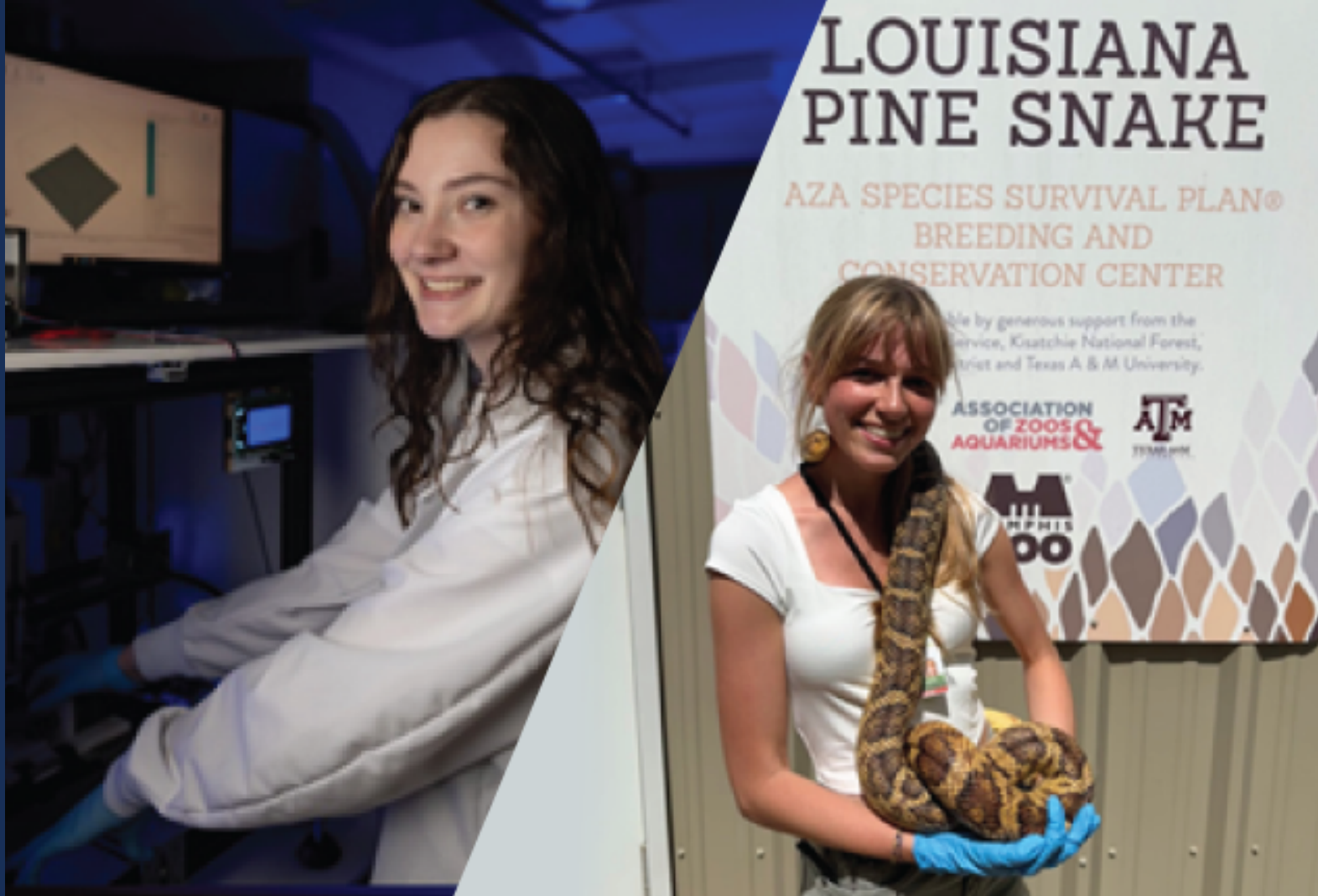
[Read Full Story](#)



Advancing Rural Pharmacy Operations

UofM Patents-2-Products fellow's startup, PharmaHealthstream Solutions, is developing solutions for pharmacies in the Delta region.

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NSF Fellowship Award and Honorable Mention

Two UofM students recognized by the National Science Foundation for their outstanding contributions to scientific research.

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Educators and Environmental Impact

U.S. EPA Community Change Grant Affecting Communities Through Educator Voices (ACTEV) to address pressing environmental issues.

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Health Disparities and Breast Cancer

Research team awarded a National Institute on Minority Health and Health Disparities grant to advance breast health in Memphis.

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Communications and Fine Arts Dean to Serve on Inaugural NAN Network

UofM's Burns asked to join Global NeuroArts Academic Network to advance arts, health and wellbeing.

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Fulbright Student Open Study and Research Program

Programs aims to send U.S. citizens abroad to encourage cross-cultural exchange and understanding.

[Read Full Story](#)



NSF, USGS, DOD and Foundation Funding

Learn more about recent funding opportunities from the National Science Foundation.

[See Full List](#)



Calendar of Events: May 2025

Learn more about research, UMRF Research Park and FedEx Institute of Technology events.

[See Full List](#)

Research Awards April 2025

Dr. Radesh Palakurthi awarded \$1,315,268 from the state of Tennessee.

Dr. Thomas R. Sutter awarded \$364,583 from The National Institutes of Health.

Dr. Janey Camp awarded \$225,000 from The Tennessee Department of Environment & Conservation and \$39,995 from the U.S. Department of Energy.

Dr. Kristoffer Berlin awarded \$122,004 from The National Institutes of Health.

Dr. Brian Waldron awarded \$83,334 from West Tennessee River Basin Authority.

Dr. Amy Cook awarded \$63,961 from National Institutes of Health.

Dr. Mark Gillenson awarded \$61,250 from the Department of Homeland Security.

Dr. Mohammed Yeasin awarded \$60,628 from the National Institutes of Health.

Dr. Nathan DeYonker awarded \$58,241 from the National Science Foundation.

Dr. Chidambaram Ramanathan awarded \$55,601 from GTS Biotech LLC.

Dr. Sabyasachee Mishra awarded \$30,000 from East Tennessee Clean Fuels.

Leonard Schranze awarded \$30,000 from Interlochen Arts Academy.

Dr. Han Yu awarded \$28,319 from the Social Security Administration.

Dr. Jasbir Dhaliwal awarded \$25,000 from Launch Tennessee.

Dr. Jeremy Whittaker awarded \$25,000 from the Health Resources and Services Administration.

Dr. Yong Hoon Lee awarded \$20,000 from the Advanced Research Projects Agency-Energy.

Cindy Muzzi awarded \$15,579.75 from the Tennessee Higher Education Commission.

Dr. Kristoffer Berlin awarded \$10,850 from The National Institutes of Health.

Dr. Joel Bumgardner awarded \$9,213 from The Hera Health Solutions Inc.

Yangbin Park awarded \$1,309 from the Bradury Art Museum at Arkansas State University.

Dr. Ruoxu Wang awarded \$600 from Sweetland Bakery.

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

[Full project and award details available here.](#)

Upcoming Events & Announcements



Faculty Learning Community for Foundational Grant Pursuit Kickoff Meeting

Join us for the kickoff meeting for the Faculty Learning Community for Foundational Grant Pursuit. The Division of Research & Innovation will be hosting a faculty learning community for foundation funding starting in May 2025 for faculty interested in pursuing funding opportunities that have not applied for funding or had success securing funding in recent years.

This cohort is open to all disciplines and will take place as monthly meetings with a required deliverable of a grant proposal by January 2026. These monthly meetings will cover the following topics:

- Identifying grant opportunities with an emphasis on foundation funding.
- Understanding funding solicitations and connecting a proposal to a funding call.
- Developing a budget for a grant.
- Marketing oneself to funding agencies through biosketches and CVs.
- Resubmitting unfunded proposals and responding to reviewers.

To be considered for the community, [apply here »](#)

Thursday, May 1 | 2-3 PM
Virtual | Microsoft Teams

MEETING LINK



FedEx Institute of Technology
Hosts
Memphis InfoSec Social

MEMSEC-DEFCON901 Meetup: Let's Talk About Hacktivism!

Curiosity drives every hacker — but what you do with that knowledge is where things get interesting. This month, we're diving into hacktivism; where hacking meets activism, and lines blur between protest, resistance and retribution. From Anonymous to whistleblowers, hacktivism has reshaped how we think about cybersecurity and power. Whether you're inspired, skeptical or just curious, come explore the ethics, tools and impact of using your skills for a cause.

Free and open to the public, and Garibaldi's pizza provided.

Friday, May 2 | 5 PM

FedEx Institute of Technology | Innovation Classroom (225)

REGISTER



FedEx Institute of Technology Hosts World Café Event Hispanic Student Support & Recruitment

Join us for a dynamic World Café conversation aimed at generating innovative ideas to enhance support and recruitment for Hispanic students. This collaborative event will bring together students, faculty and community members to share insights, explore opportunities and develop strategies for fostering an inclusive and thriving academic environment. Your voice matters — come be a part of this important discussion!

Monday, May 12 | 3:30 PM

FedEx Institute of Technology | Innovation Classroom (225)

RSVP



NORDP Southeast Meeting: Building Regional Innovation Ecosystems

We're excited to bring together research professionals from across the Southeast for two days of networking, collaboration and knowledge sharing. This event is an opportunity to build on conversations from the virtual 2025 NORDP Conference, exchanging best practices and strengthening regional partnerships. Throughout the meeting, you'll engage in insightful discussions, connect with colleagues and explore opportunities for future collaboration.

May 15-16 | All Day

FedEx Institute of Technology

Methodist Presentation Theatre (103) & Fishbowl (203/205)

REGISTER



INTEGRIT-E Collaboration Conference

Join us for the INTEGRIT-E Annual Delta Regional Collaboration Conference. This event will bring together leaders, policymakers and industry experts to explore bold strategies for economic transformation, financial empowerment and sustainable development in the Delta region.

Highlights:

- Engaging panels and workshops on equity, innovation and regional progress.
- Focus on grant writing, coalition building and fostering partnerships.
- Networking opportunities with leaders, policymakers and community stakeholders.

We hope to see you there! Register now to reserve your spot.

May 15-16 | All Day

FedEx Institute of Technology | 365 Fogelman Drive

**The Zone (102), MPT (103), Lobby, Cyber Café (109) Fishbowl (203/205), Innovation Classroom (225),
Video Conference Center (313), Digital Living Room (315)**

[REGISTER](#)



April Professional Development Sessions

Recorded Learning Opportunities for Faculty

The Division of Research & Innovation hosts a variety of workshops, networking events and other professional development throughout the year. Any events that can be are recorded and uploaded to the training archive (UofM log-in required). Below are the events from April 2025 that have been recorded and uploaded to the archive:

- [2025 NSF CAREER Cohort Kickoff Meeting](#) (April 2)
- [2025 NSF CAREER Cohort Q&A Session #1](#) (April 9)
- [Resubmission Strategies Workshop](#) (April 11)
- [Maximizing Research Impact with Scopus and the University of Memphis Digital Commons](#) (April 17)
- [Building a Strong Research Plan: Goals, Objectives, and Narrative Cohesion in Grant Applications](#) (April 24)

Upcoming professional development and other events can be found on the calendar [here](#). If you have any questions about the recorded events or have difficulty accessing any of the materials, contact researchdev@memphis.edu.



UofM Faculty Expert List

Topics Across Various Subjects, Areas and Fields

Calling all University Partners:

As UofM marketing finalizes the new look of our UofM Newsroom, they are creating a **University Faculty Expert** list to connect faculty members with the media on news and trending topics across various subjects, areas and fields.

Please share this survey with faculty who would be interested in engaging with media requests and are open to discussing their research and insights. The ultimate goal is to create a centralized list across the University and begin to proactively pitch our experts.

Thank you for your assistance with this project.

[UofM FACULTY EXPERT LIST SURVEY](#)

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