A Tennessee Flagship Carnegie R1 Research Institution

RESEARCH + INNOVATION
NEWSLETTER

NSF Funds EV / Automated Trucking Center

UofM receives NSF IUCRC award to establish Center for Electrified and Automated Trucking (CEAT).

Read Full Story

Major Push into Next Generation Supply Chain

FedEx Institute of Technology funds eight projects in inaugural technologies/innovation challenge.

Read Full Story

Transformative Hurt-2-Healing Program

Awarded the title of best evidence-based poster for the Trauma Center Association of America.

Read Full Story

AI and the Current State of Technology

UofM President Bill Hardgrave joins other Mid-South leaders to discuss the impact of artificial intelligence.

Read Full Story

Researchers Find Evidence of Long-Lost Nile Tributary

University of Memphis professor of Egyptology part of the Interdisciplinary Discovery Trio.

Read Full Story

Bridging Academia and Industry

The National Science Foundation is investing in graduate student STEM career development.

Read Full Story

UofM INTEGRIT-E Conference 2024

Annual Delta Regional Collaboration Conference will be held June 17-18 at the FedEx Institute of Technology.

Read Full Story

Diplomacy Research Lab Funds Seven Projects

Call for proposals results in the funding of new research projects focused on pressing global issues.

Read Full Story

Social Studies and Perceived Democracy

COE's Hornbeck to research how Social Studies teachers perceive and teach democracy.

Read Full Story

UofM Faculty Member Receives Multiple Awards

Dr. Jamie Brunsdon, College of Health Sciences, sees recent successes in field of study.

Read Full Story

DOD, DOE, NEH, NIH, NSF and USDA Funding

Recently published federal agencies' funding opportunities outlining upcoming grants.

See Full List

Calendar of Events
June 2024

Research Development, Research Enterprises, UMRF Research Park and FedEx Institute of Technology.

See Full List

Research Awards May 2024

Dr. Kan Yang awarded an additional $945,685 from the National Science Foundation.

Dr. Rodrigo Villalpando Vizcaino awarded $542,380 from the State of Tennessee Megasite Authority of West Tennessee.

Dr. Melanie Burgess awarded an additional $479,616 from the U.S. Department of Education.

Dr. Thomas Sutter awarded an additional $362,500 from the National Institutes of Health.

Dr. Courtnee Melton-Fant awarded $246,684.20 from the Robert Wood Johnson Foundation. *correction*

Dr. Sabyasachee Mishra awarded $150,000 from the National Science Foundation.

Dr. Francisco Muller Sanchez awarded $118,459 from the Space Telescope Science Institute and $82,841 from the Space Telescope Science Institute.

Dr. Kristoffer Berlin awarded an additional $116,836 from Wayne State University and $12,886 from the University of Tennessee-Knoxville with the National Institutes of Health.

Dr. Mohammadreza Davoodi awarded $47,484 from Columbia University with the National Science Foundation.

Dr. Chunrong Jia awarded $42,000 from the City of Greenwood, Mississippi with the U.S. Department of Housing and Urban Development.

Dr. William Jackson awarded $41,223 from the U.S. Geological Survey.

Dr. James Murphy awarded $40,769 from the National Institutes of Health.

Dr. Youngsang Kwon awarded $39,837 from the U.S. Geological Survey.

Dr. Thomas Goebel awarded an additional $27,457 from the National Science Foundation.

Dr. Rachel Lombardi awarded $15,548 from the Tennessee Valley Authority.

Dr. Maxime Paquette awarded $14,600 from the American Athletics Conference.

Dr. Jamie Brunsdon awarded $12,000 from Wake Forest University.

Dr. Daniel Foti awarded $9,999 from the Office of Naval Research.

Dr. Brian Waldron awarded $9,500 from the City of Collierville.

Dr. Abu Mohammed Naser Titu awarded $2,500 from the American Heart Association.

Dr. Bernie Daigle awarded an additional $2,000 from New York University.

* 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.

Upcoming Events & Announcements

AI Cybersecurity Conference Speaker Submissions
Call for Speakers Begins June 5

The AI Cybersecurity 2024 Conference planning committee is seeking timely, topical and thought-provoking presentations/proposals for its inaugural conference. The conference is an opportunity to bring together cybersecurity practitioners to promote collaboration and highlight effective and innovative approaches where AI is used to augment and enhance cybersecurity organizations and teams.

This year's theme, "How do you use AI?" highlights our efforts to bring practitioners together and learn from each other on how to utilize AI safely and responsibly. The event will take place on Aug. 22 at the FedEx Institute of Technology.

Topics of Interest

AI and Threat Detection
Identify and mitigate potential risks with unprecedented speed and accuracy. Our expert speakers will delve into the latest advancements in AI-powered threat detection techniques, showcasing real-world examples of how these technologies safeguard businesses across industries.

AI and Threat Response
Experience the cutting-edge AI-driven threat response strategies transforming the cybersecurity landscape. Gain invaluable insights from industry leaders as they share their experiences and best practices in leveraging AI to automate and optimize incident response processes, ensuring rapid and effective containment of cyber threats.

AI and Recovery
Explore the vital role of AI in streamlining disaster recovery and business continuity efforts in the face of evolving cyber threats. We will discuss how AI-powered tools and techniques are enabling organizations to minimize downtime, reduce data loss, and ensure swift recovery from cybersecurity incidents.

AI Governance
Engage in thought-provoking discussions on the critical importance of AI governance in the context of cybersecurity. As AI becomes increasingly integral to our cybersecurity strategies, it is crucial to establish robust

governance frameworks that ensure these technologies' ethical, transparent, and accountable deployment, fostering trust and mitigating potential risks throughout our organizations.

Proposal Submissions >>

Deadline: Friday, July 12 at 5 PM CDT. Submissions received after the relevant closing date will not be reviewed.

MORE INFORMATION

2024 Cybersecurity for
Critical Infrastructure Workshop

Make plans to join this exciting Cybersecurity for CI Workshop. This event will be held at The University of Memphis' FedEx Institute of Technology.

There is no fee to attend, and a parking pass will be available upon request. A light lunch will be served. There is also a virtual option to attend the workshop.

June 10 | 9 AM-4 PM
FedEx Institute of Technology
Fishbowl (203/205)

REGISTER

INTEGRIT-E

Presents

Annual Delta Regional Collaboration Conference
Building the City of Inclusion

Across Mississippi, Tennessee and Arkansas we have worked to assemble partnerships to create place-based solutions that create economic growth. For two days we will bring together nonprofit organizations, higher education institutions, government entities, industry and other stakeholders to do the work of building teams to break the cycle. We will celebrate good work done, share stories of our communities, and build partnerships to transform the region. We will work together to pursue funding.

Registration is free, but donations are welcome to support the conference.

Keynote Speaker: Mehrsa Baradaran, Professor of Law at the University of California, Irvine and Northwestern University.

Sponsored By: INTEGRIT-E, DRIVE, UofM Research & Innovation and University of Memphis School of Public Health.

June 17-18 | All Day
FedEx Institute of Technology
The Zone, Lobby, Methodist Presentation Theatre (103),
Fishbowl (203/205), 225, 226, 227, VCC (313), Digital Living Room (315)

REGISTER

Patents2Products
Deep Science Entrepreneur Post-Doc Fellowships
Now Hiring for the Third Cohort

The University of Memphis FedEx Institute of Technology and Epicenter Memphis are gearing up to launch the third cohort of the Patents2Products Post-Doc program this fall. This groundbreaking initiative seeks to hire post-doc fellows to transform patented intellectual property into thriving commercial startups. This program establishes funded positions for research entrepreneurs within the University, and P2P fellows gain access to research facilities, licensing rights and office space located either in the University of Memphis Research Park or Epicenter Memphis.

The next cohort will begin Sept. 2024. For more details on this exciting venture, contact p2p@memphis.edu or submit your application today.

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