



A Tennessee Flagship Carnegie R1 Research Institution

# RESEARCH + INNOVATION

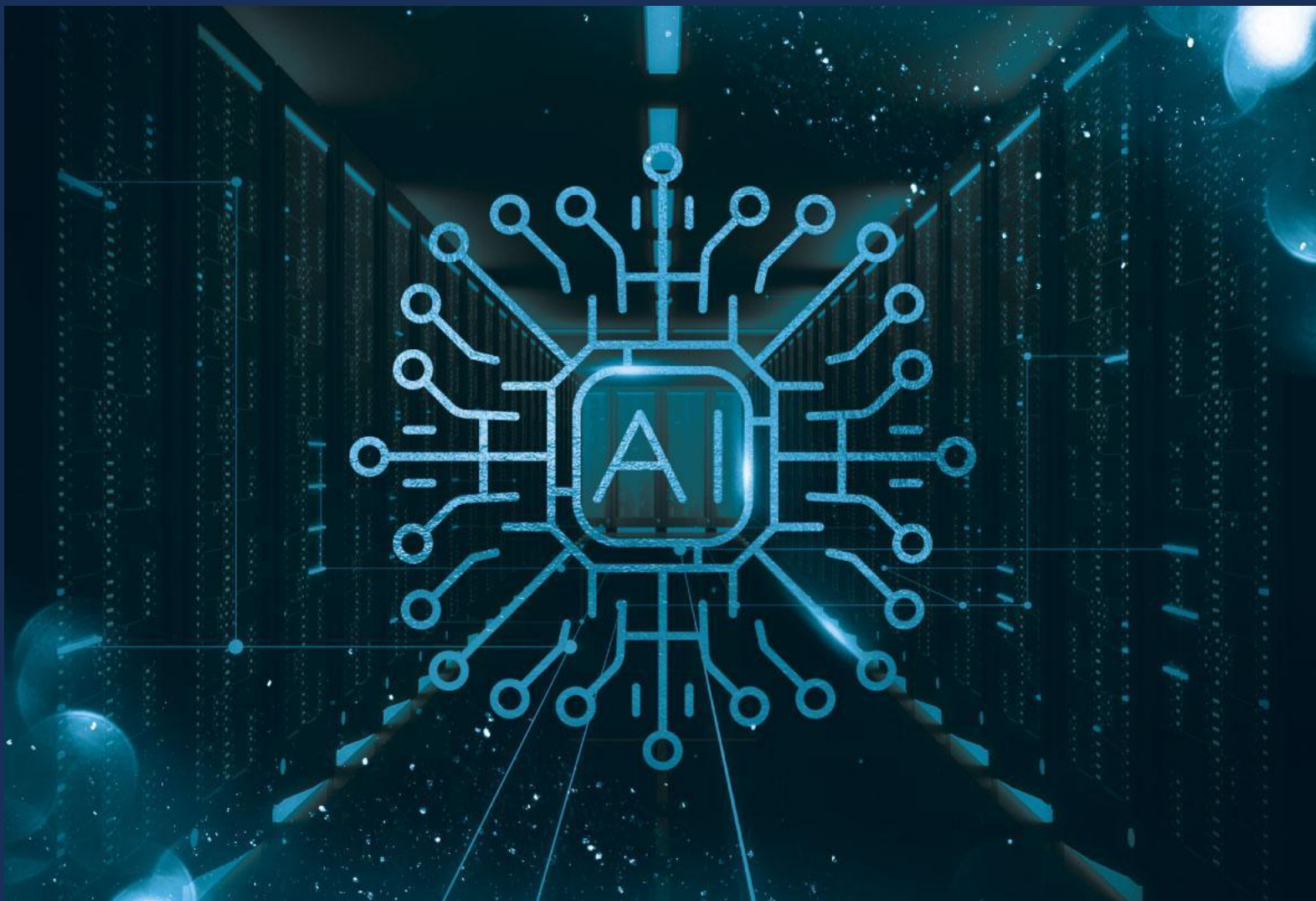
## NEWSLETTER



mDOT, AI and Wearables: Transforming Health

Center receives \$1.1 million from NIH to further develop AI wearables to transform health globally.

[Read Full Story](#)



## AI Research Exchange with Barcelona Faculty

UofM held webinar with counterparts from the Autonomous University of Barcelona on AI research.

[Read Full Story](#)



## Supply Chains, AI and Semiconductors

Sen. Blackburn visits FedEx Institute of Technology to meet with researchers on leading innovations.

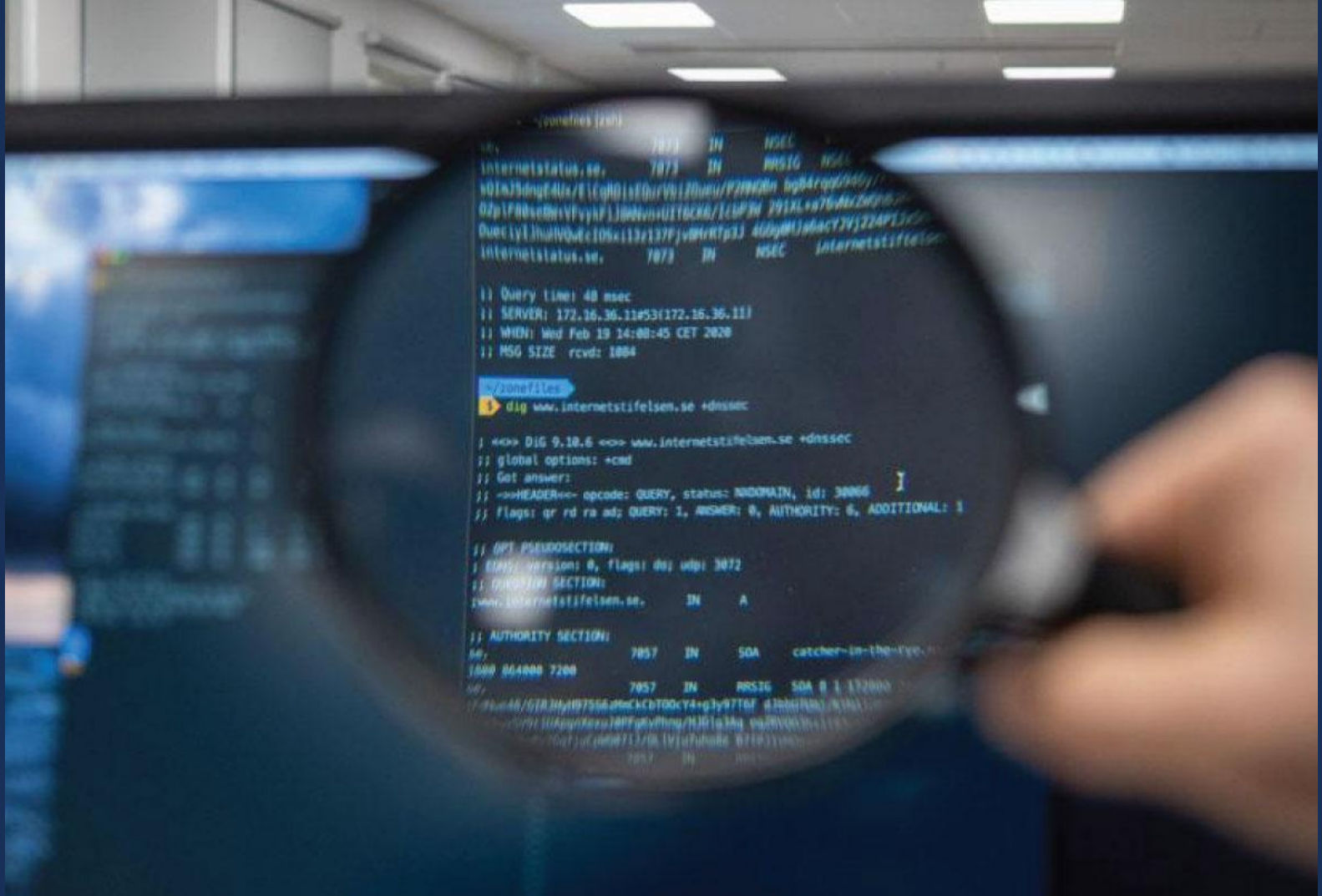
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## 2024 Research Faculty Award Recipients

UofM Alumni Association honors distinguished research faculty and excellence in engaged scholarship.

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## Systems Testing Excellence Program (STEP)

University of Memphis STEP is the largest academic group devoted to software testing in the U.S.

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## Veterans Leading Research Engagement in STEM

NSF's Special Supplement Program to encourage veterans' engagement in STEM research.

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## American Education Research Association

COE and Department of Psychology researchers make big impact at AERA conference.

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## Colleges' Commitment to Positive Research Impact

Celebrating public and externally funded, engaged scholarship for local and global impact.

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## DARPA, DOT, NIH, NSF and USDA/NIFA Funding

Recently published federal agencies' funding opportunities outlining upcoming grants.

[See Full List](#)



## Calendar of Events May 2024

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

[See Full List](#)

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## Research Awards April 2024

**Phillip (Tony) Poteet** awarded \$2,026,630 from the State of Tennessee, Office of Criminal Justice Programs.

**Dr. Eddie Jacobs** awarded \$500,000 from the Civil-Military Innovation Institute with the U.S. Army Research Office.

**Dr. Wesley James** awarded \$225,000 from the City of Memphis Police Department with the U.S. Department of Justice.

**Dr. Brian Waldron** awarded \$147,000 from the University of Tennessee-Knoxville with U.S. Environmental Protection Agency.

**Dr. Jonathan Bennett** awarded \$87,736 from the Laura and John Arnold Foundation.

**Dr. Matthew Smeltzer** awarded \$78,591 from Baptist Center for the National Institutes of Health and an additional \$22,930 from the University of Tennessee Health Science Center with the National Institutes of Health.

**Dr. Robert Smalley** awarded \$52,359 from the U.S. Geological Survey.

**Dr. Benjamin Keller** awarded \$47,776 from Space Telescope Science Institute.

**Dr. Russell Deaton** awarded \$30,000 from the Tennessee Department of Commerce and Insurance.

**Dr. Carolyn Kaldon** awarded \$28,000 from the Women's Foundation for a Greater Memphis.

**Dr. Michael Hagge** awarded \$13,127 from the Tennessee Department of Commerce and Insurance.

**Dr. Timothy McCuddy** awarded \$7,694 from the Black Clergy Collaborative of Memphis with the Annie E Casey Foundation.

**Dr. Courtnee Melton-Fant** awarded \$5,000 from the Robert Wood Johnson Foundation.

**Dr. Maxime Paquette** awarded \$5,000 from the American College of Sports Medicine.

**Dr. Jamie Brunson** awarded \$1,250 from Adelphi University with the Spectrum Institute for Teaching and Learning.

*\* 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.](#)

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## Upcoming Events & Announcements



### 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](mailto:p2p@memphis.edu) or submit your application today.

APPLY TODAY



## Research Roundtable

### Cayuse SP

All research faculty and staff across campus are invited to join this training about Cayuse SP. Cayuse SP is used for used for all proposals and includes electronic routing.

**Friday, May 10 | 9-10 AM**  
**FedEx Institute of Technology | Fishbowl (203/205)**

FOR MORE INFORMATION



## Diplomacy Research Lab Call for Proposals

Deadline to Apply: May 17

A new research cluster focused on diplomacy is soliciting proposals for summer funding. The Diplomacy Research Lab at the University of Memphis seeks to support projects from any academic unit or discipline on the theme of diplomacy, broadly defined. The deadline to apply is May 17 for projects funded between June and August 2024.

The Diplomacy Research Lab is a transdisciplinary research group investigating the world's most pressing issues about how diplomacy can improve relations, reduce tensions and reveal the dynamics of dyadic, regional and organizational cooperation in the international system.

With support from the Division of Research & Innovation, the Diplomacy Research Lab is launching a call for proposals for summer funding. See the [FAQs](#) and the [Quad Chart](#) template that faculty will need to complete with the application.

Proposals are due by May 17 [via this Qualtrics link](#) >>

For more information on this CFP, contact Dr. Leah Windsor at [leah.windsor@memphis.edu](mailto:leah.windsor@memphis.edu).

[SUBMIT PROPOSALS](#)



# 901 AI

## FedEx Institute of Technology

### 901 AI Meetup

Join us during this free event open to the public, students, faculty and staff for networking and the guest speaker for our monthly meetup, a new initiative for innovators to keep Memphis on the cutting-edge and to learn more about the newest AI tech trends.

This month's meeting will focus on artificial intelligence, machine learning and chatbots. Attendees will be able to network with others during and after the meeting.

- **Speaker:** Scott Finney, CEO of Creating Value | **Talk:** Chatbots

**Wednesday, May 22 | 4:30-5:30 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.

#### **GOALS Enhance capacity for transformative change by:**

- Establishing research and industry collaborations.
- Building communities and teams for future grant applications.
- Strengthening connections between regional institutions.

[Register »](#) Registration is free, but donations are welcome to support the conference.

**Keynote Speaker:** Mehrsa Baradaran is a professor of Law at the University of California, Irvine and Northwestern University. She writes about banking law, financial inclusion, and racial inequality, and is the author of “How the Other Half Banks”, “The Color of Money” and “The Quiet Coup” (forthcoming). The Color of Money has received multiple awards, including the 2019 Best Book Award by the Urban Affairs Association. Baradaran and her books have received significant media coverage. She has advised U.S. Senators and Congressmen on policy, served on two presidential transition teams, testified before the U.S. Congress, and spoken at forums like the U.S. Treasury and the World Bank.

#### **Panel topics at the conference include:**

- Intentionally Addressing the Core of Poverty to Move Communities to Thriving
- Grassroots Organizing for Change

- Making STEM Accessible to More Sectors of the Population
- Women and Mothers in the Economy
- Bringing People to the Table: Reengaging Excluded Sectors in the Workforce
- Building Equitable Economies with Real Estate
- Engaging Justice Involved Citizens in the Economy

**Sponsored By:** Integrit-E , DRIVE, UofM, 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



## Research Studies

### *Participation Opportunities*

Currently available:

- [Center for Information Assurance »](#)
- [Cognition, Language and Speech Lab \(CLaSLab\) »](#)
- [College of Health Sciences »](#)
- [Department of Psychology »](#)
- [Hearing Aid Research Laboratory »](#)
- [Loewenberg College of Nursing\\_\(Heart Failure Study\) »](#)



If your department or college would like to have its research study participation opportunities listed, email [thisweek@memphis.edu](mailto:thisweek@memphis.edu).

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## Quick Links

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