

# RESEARCH + INNOVATION NEWSLETTER

July 2022 • COVID-19 Updates

READ PREVIOUS  
R+I NEWSLETTERS

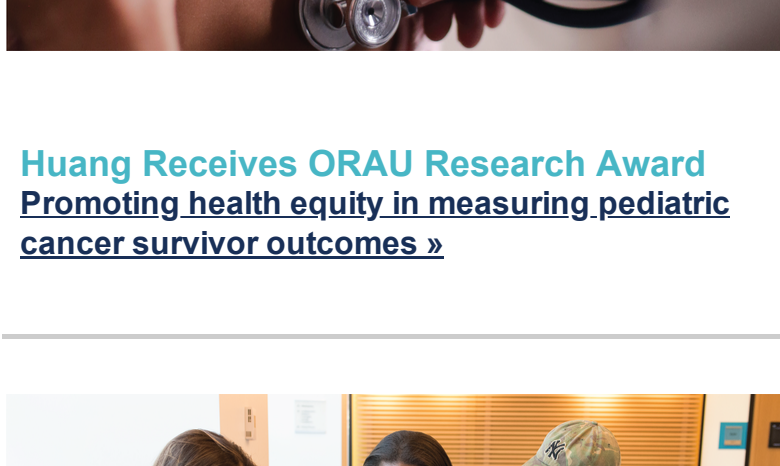
SUBSCRIBE TO  
R+I NEWSLETTER



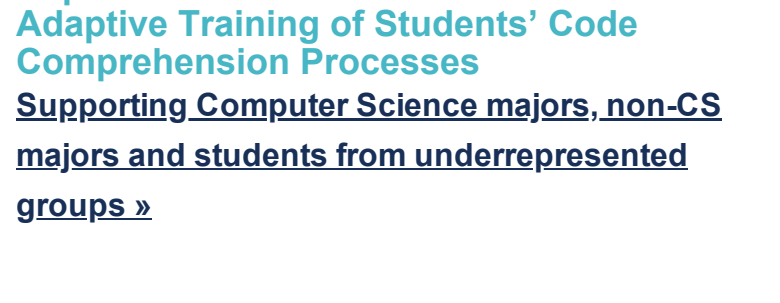
**ENTREPRENEURIAL DEEP SCIENCE POST DOCS WANTED**

Turning patented intellectual property into successful companies. Learn More.

THE UNIVERSITY OF  
MEMPHIS



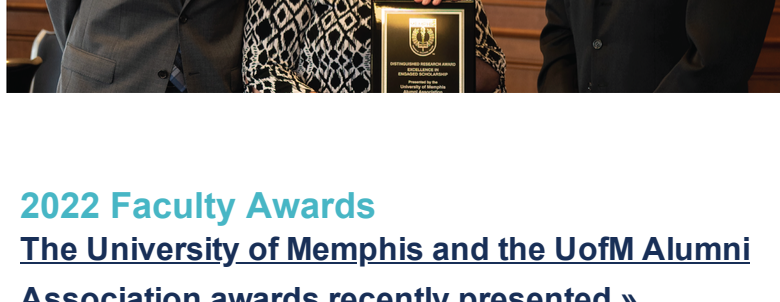
**Huang Receives ORAU Research Award**  
Promoting health equity in measuring pediatric cancer survivor outcomes »



**Department of Education Funds iCODE:**  
**Adaptive Training of Students' Code Comprehension Processes**  
Supporting Computer Science majors, non-CS majors and students from underrepresented groups »



**Prestigious J.O. Westwood Medal 2022**  
**Awarded to Clarke & McKenna**  
Selection for faculty's research was unanimous »



**2022 Faculty Awards**  
The University of Memphis and the UofM Alumni Association awards recently presented »



**Gopalakrishnan's Powder Dispersion Technology Receives Patent**  
U.S. patent issued, EU patent pending »



**UofM's Dasgupta and McGinnis Work with NCPD to Create Cybersecurity Legislation**  
New law authorizes DHS to increase response efforts nationwide »



**Project BLUE**  
Building the Life You Envision

**NIH Funded Project Seeks Participants**  
Project Blue to focus on reducing the risks of alcohol »



**Patents2Products Program Seeking Second Cohort of Post-docs to Begin Fall 2022**  
Focus on commercializing UofM intellectual property, launching startups »



**Funding Opportunities**  
Explore recently published funding opportunities from a variety of federal agencies »

## Research Compliance

### Institutional Biosafety Committee (IBC)

All research activities at the University of Memphis involving recombinant DNA (rDNA) or synthetic nucleic acid molecules and some non-recombinant biological materials must go through a review process before work can begin.

UofM's Institutional Biosafety Committee (IBC) reviews each study, or protocol, to ensure work is being conducted with attention to safety of laboratory personnel, the environment in which the research is conducted and the community at large.

### What is reviewed by the IBC?

Principal investigators are responsible for submitting protocol applications in advance of any research activity that includes, but is not limited to:

- All use of recombinant DNA (rDNA) or synthetic nucleic acid molecules, regardless of Biosafety Level (subject to the NIH Guidelines)
- Viral vectors or plasmid vectors
- Transgenic/Knock-In/Knock-Out animals (see OBA Transgenic Animal FAQs)
- Genetically modified plants
- Transfer of rDNA or synthetic nucleic acid molecules into human participants
- Transactive or infectious proteins
- Use of any Biosafety Level 2 or greater non-recombinant biological material
- Infectious agents
- Prion proteins
- Biohazards (e.g., human, or non-human primate tissues or fluids)
- Select agents or toxins

If your research activities involve any of the above, you must submit an Institutional Biosafety Committee protocol.

[NIH Guidelines](#)

For additional information, contact Research Compliance at [researchcompliance@memphis.edu](mailto:researchcompliance@memphis.edu).

## Research Awards

June 2022

**Dr. Richard Irwin** awarded \$675,904.60 from the Tennessee Department of Transportation.

**Dr. Susan Neely-Barnes**, professor, chair and director of the School of Social Work, awarded \$627,164 from the Health Resources and Services Administration and \$464,391 from the Health Resources and Services Administration.

**Dr. Eraina Schauss** awarded \$350,000 from the University of Memphis Research Foundation with The Urban Child Institute.

**Dr. Susan Elswick** awarded \$170,000 from the University of Memphis Research Foundation with The Urban Child Institute.

**Dr. Lan Wang** awarded \$90,000 from Peraton Labs Inc. with the Defense Advanced Research Projects Agency.

**Dr. Ali Fatemi** awarded \$68,000 from the Steel Founders' Society of America with the U.S. Department of Defense.

**Dr. Kathryn Howell** awarded \$55,000 from the University of Memphis Research Foundation with The Urban Child Institute.

**Dr. Karen Weddle-West** awarded \$50,000 from the Association of Public and Land Grant Universities.

**Dr. Eunseo Choi** awarded \$43,819 from the Korea Institute of Geoscience and Mineral Resources.

**Dr. Farhad Jazaei** awarded \$25,752 from Brown and Caldwell.

**Dr. Xinhua Yu** awarded \$23,695 from the University of Tennessee Health Science Center with the U.S. Department of Defense.

**Dr. Abu Mohammed Naser Titu** awarded \$2,500 from The Campbell Foundation.

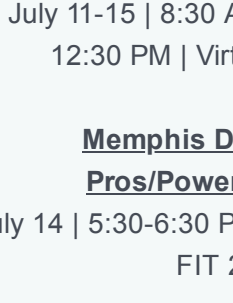
\* Data reported the 18th of each month. Awards finalized after the 18th will be reported the following month.

Full details on research awards available [here](#).

[Research + Innovation News](#)

[Quick Guide to Research & Sponsored Programs](#)

[Research Compliance](#)



**FedEx Institute of Technology, News**

**Research Clusters**

**Emerging Tech Training**

**FedEx Institute of Technology Emerging Tech Training:**

**Enterprise Business Agility**

July 11-15 | 8:30 AM-12:30 PM | Virtual

**Memphis Data Pros/Power BI**

July 14 | 5:30-6:30 PM | FIT 225

**Memphis Game Developers Workshop**

July 16 | 6-8 PM | FIT 225

**FedEx Institute of Technology Emerging Tech Training:**

**Microsoft Power BI Data Analyst-PL-300**

July 19-21 | 9 AM-5 PM | Virtual

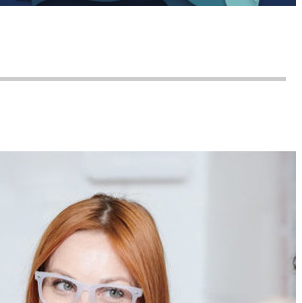
**CodeCrew Hackathon**

July 30-31 | 6-8 PM; 9 AM-5 PM | FIT Lobby, MPT, Fishbowl, 225, 226, 227

Have research you would like featured in the R+I newsletter? [Contact us.](#)

**RESEARCH + INNOVATION MAGAZINE**

[CLICK TO VIEW](#)



## UPCOMING TRAINING:

**ENTERPRISE BUSINESS AGILITY**

July 11-15 | 8 AM-2 PM CST  
**Registration:** [bit.ly/fitebas](https://bit.ly/fitebas)

**POWERBI**

July 19-21 | 9 AM-5 PM CST  
**Registration:** [bit.ly/fitpowerbi](https://bit.ly/fitpowerbi)

## PRE-COURSE PARTNER ANNOUNCEMENT

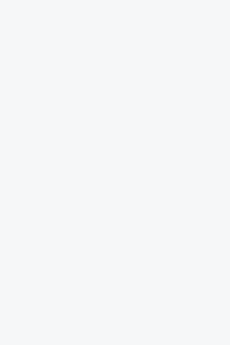
### IMPM / IMPE

The IAMPE offers Terminal Management, Executive and Continuing Education programs for coastal and inland port professionals at every stage of their careers and provides industry-recognized certification accredited by a board of over 20 port executives and education professionals from across North America.

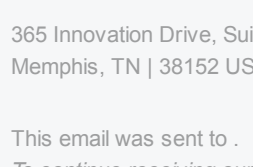
SEPTEMBER 19-23  
FIT 225

For further information go to [www.iampe.org](http://www.iampe.org) or email us at [registration@iampe.org](mailto:registration@iampe.org).

THE UNIVERSITY OF  
MEMPHIS  
Research & Innovation



Share this email:



Manage your preferences | Opt out using TrueRemove™

Got this as a forward? Sign up to receive our future emails.

View this email online.

365 Innovation Drive, Suite 303  
Memphis, TN | 38152 US

This email was sent to .

To continue receiving our emails, add us to your address book.

emma

Subscribe to our email list.