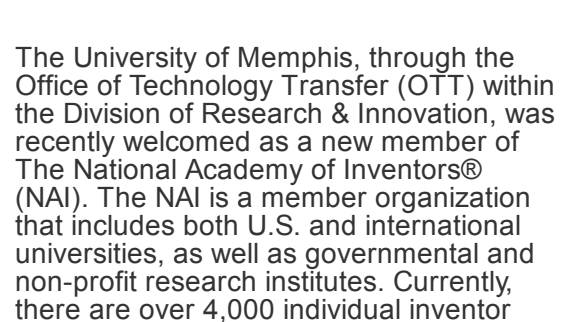




April 2019

University of Memphis Research + Innovation Magazine

Leading Through Innovation



UofM Joins the National Academy of Inventors

The University of Memphis, through the Office of Technology Transfer...

The encouragement of the NAI is to recognize and encourage inventors with patents issued from the U.S. Patent and Trademark Office...

Read full press release here. For more information on this award program, contact Trieu at httrieu@memphis.edu.

Harvard JPB Environmental Health Fellowship Workshop held at the UofM

The Harvard-JPB Environmental Health Fellowship Program, funded by the JPB Foundation, recently held a week-long workshop at the UofM.

This program supports early career academic and federal agency scientists who are engaged in innovative, multidisciplinary research on both the social and environmental determinants of health in vulnerable communities.

Dr. Chunrong Jia, associate professor of Environmental Health in School of Public Health of University of Memphis, is a senior fellow of this program.

Sabri Awarded NSF Grant for Research Experiences for Undergraduates (REU)

Dr. Firouzeh Sabri, associate professor of Physics and Materials Science, will serve as principal investigator on an NSF-funded grant titled Research Experiences for Undergraduates...

To learn more about the program, visit their website.

Faculty Collaborate with Libraries over Health, Technology and Mental Health

The Health and Technology Community of Research Scholars (CoRS) at the University is hosting an educational event for students, faculty, and their community collaborators...

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Call for Research Proposals

UofM and the Czech Academy of Sciences (CAS) are partnering to grow research cooperation. On April 1, the two organizations issued a joint call for proposals...

Call for Research Proposals: Agriculture and Food Technologies Research Cluster

The Agriculture and Food Technologies Research Cluster is calling for proposals from faculty at the University of Memphis for interdisciplinary research...

Detailed guidelines for the calls for proposals available here.

Proposals must be received by April 5. Please submit proposals as email attachments to fedex@memphis.edu.

For further information, including the relevance of proposed research to this RFP, please contact the cluster co-leaders Dr. Duane McKenna...

UofM Lindner featured in ACS Editors' Choice

Dr. Erno Lindner, professor in the Department of Biomedical Engineering and Chemistry, was recently notified that his article Reference Electrodes with Ionic Liquid Salt Bridges...

The full article (DOI: 10.1021/acssensors.8b01651) is available for access here.

Economics and Computer Science Come Together to Win Wells Fargo Challenge

UofM graduate students, Scott Koskoski and Stephen Lee from the UofM's Department of Economics and Department of Computer Science...

The Challenge winners each received \$2,200 and a 3-day/2-night trip to San Francisco, CA in March 2019 to attend a Wells Fargo Analytics Summit...

The Campus Analytics Challenge: Live Green and Live Happy invited higher education degree-seekers to write computer programs to find quality substitutes for high carbon emitting activities...

Faculty Workshop Series

April 12 | Commercialization and Tech Transfer (203/205)

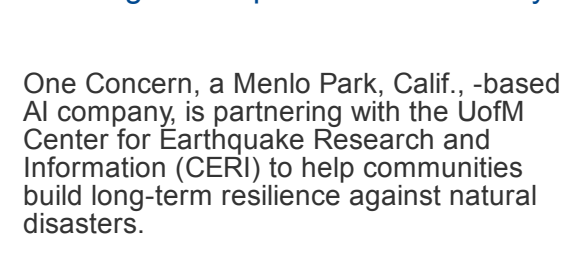
Join the Division of Research & Innovation Team for these free, monthly sessions designed to help faculty and doctoral students answer frequently asked questions...

RESEARCH CLUSTERS

- ADDITIVE MANUFACTURING, AGRICULTURE & FOOD TECHNOLOGIES, BIOLOGISTICS, CAST, DATA SCIENCE, DRONES, SMART CITIES

New Awards: March

Cody Bellis, associate director in the FedEx Institute of Technology, was awarded \$199,000 from FedEx Corporate Services...



One Concern Partners with UofM's CERl

One Concern, a Menlo Park, Calif., -based AI company, is partnering with the UofM Center for Earthquake Research and Information (CERl) to help communities build long-term resilience against natural disasters.

The collaboration centers around the application of machine learning technology to Tennessee datasets, with the two organizations spearheading a data collection project for areas with data deficiency...

In addition to collaborating in the AI and machine learning space, the partnership will also create educational opportunities, explore the licensing UofM inventions and technologies...

Read full press release here.

Data Science Summit

On March 29, the Data Science Research Cluster at the FedEx Institute of Technology hosted the 2019 Data Science Summit.

Keynotes featured were Dr. Henry Kautz, with the National Science Foundation, and Dr. Bala Vaidyanathan, director of the Advanced Analytics & Industry Research at FedEx.

Register here for this free workshop.

LaunchTennessee SBIR/STTR Workshop

The FedEx Institute of Technology is partnering with Launch Tennessee to host a workshop on Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) resources.

Register here for this free workshop.

UMRF Research Park Welcomes Green Mountain Technology

The UMRF Research Park recently welcomed its newest tenant, Green Mountain Technology, to 460 S. Highland St.

Green Mountain Technology is a data-driven parcel delivery management solution that works with the biggest retailers in the United States.

For more information on the research park, visit umrfresearchpark.org.

RESEARCH ROUNDUP

APR 5 ELECTRONIC SYSTEMS AND SUBMISSIONS. This overview session will cover internal software systems used to support research and sponsored activity...

UC SENATE CHAMBER (RUC261) 10:30 - NOON

Loewenberg College of Nursing and IMPACT Sponsor ACES Symposium

The University of Memphis Loewenberg College of Nursing and IMPACT are hosting an ACES Symposium on Friday, April 5...

Register for this free event here.

Cognitive Science Seminar Series

As part of the Spring 2019 Cognitive Science Seminar series "Models of Human Learning", presented by the Institute for Intelligent Systems (IIS) in the FedEx Institute of Technology...

WORKSHOP

April 10 | 4-6 PM. FedEx Institute of Technology, 405

Research and Networking Breakfast Series

Collaboration is essential in today's research environment. To facilitate interactions among faculty from various disciplines around common areas of interest...

Register for this free event here.

Community of Research Scholars

Lightning Talks. April 25 | 3-5 PM

Cyber Security Fundamentals Workshop

This training program covers the foundations of cyber security and cyber security vulnerabilities over a broad scope of topics.

Register at: hltj/cast_workshp

PATENT SPOTLIGHT

Tech Transfer: Patent No. 10,091,105. Efficient Forwarding Information Base Caching System and Method.

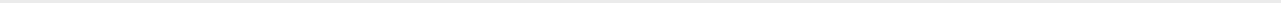
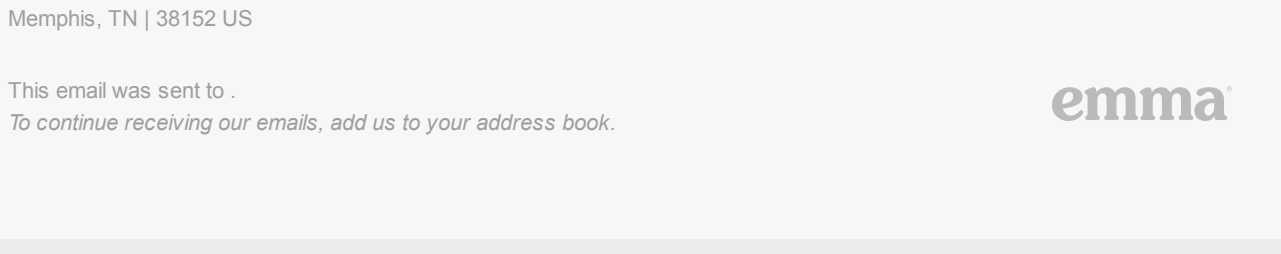
Dr. Lan Wang, Dr. Yaoqing Liu

The Internet is growing at a rapid rate, leading to super linear growth in Internet routers' memory requirements.

For more information on UofM technologies available for commercialization, visit the tech transfer website or contact Dr. Hai Trieu.

CALENDAR

- DevMemphis Meetup: Topic - Docker, Machine Learning/Data Science/R, Tech901 Information Session, Joint DRONES/Biologistics Cluster Talk, Memphis Game Developers: Computer Shaders, IIS: Cognitive Science Seminar Talk, Lab Tour: Integrated Microscopy Lab, MEMPass/Power BI Meetup, Design Thinking Workshop, Faculty Workshop Series: Introduction to Commercialization and Tech Transfer, Memphis Python User Group, SAS Programming II: Data Manipulation Techniques, Memphis PHP User Group, Research & Networking Breakfast Series: DataSets April 24, CORS Lightning Talk, Data-Focused Workshop, CAST Cyber Security Fundamentals Workshop, Design Thinking Workshop, SAS Programming II: Data Manipulation Techniques, Data-Focused Workshop, CAST Cybersecurity Fundamentals Workshop



Division of Research and Innovation

Leading Through Innovation

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