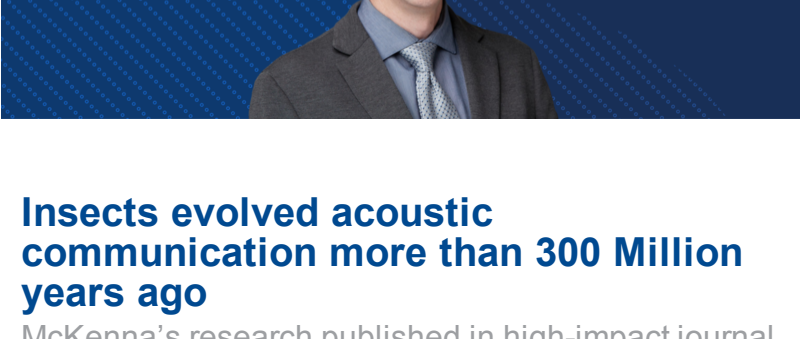




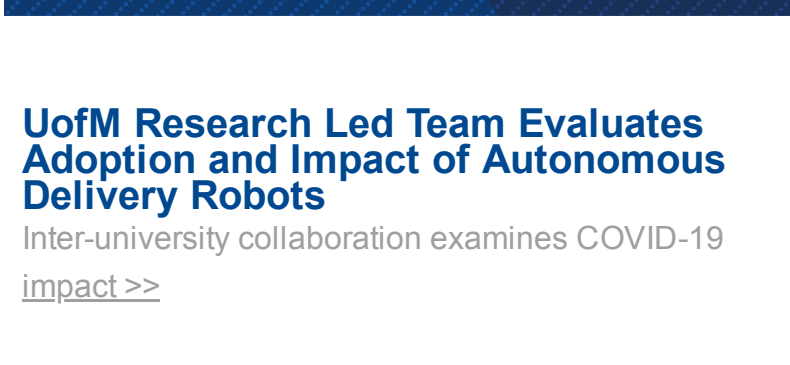
November 2020
COVID-19 Research Guidelines & Updates



Insects evolved acoustic communication more than 300 Million years ago

McKenna's research published in high-impact journal

[*Nature Communications* >>](#)



UofM Research Led Team Evaluates Adoption and Impact of Autonomous Delivery Robots

Inter-university collaboration examines COVID-19 impact >>



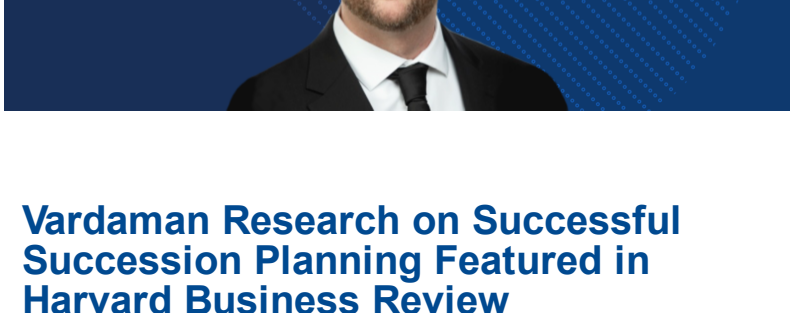
Waldron Leads USDA Contract

Expands efforts beyond sustaining clean water systems to educating farmers on [conservation practices](#) >>



FedEx Institute of Technology Launches New Deep Science Startup

Nuvelus is the first of six new deep science startups that will be launched by postdocs [this year](#) >>



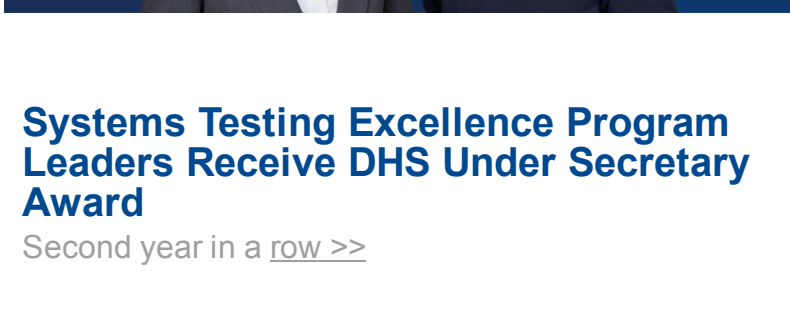
Vardaman Research on Successful Succession Planning Featured in Harvard Business Review

One of many top-ranked papers in the Management Department published in [2020](#) >>



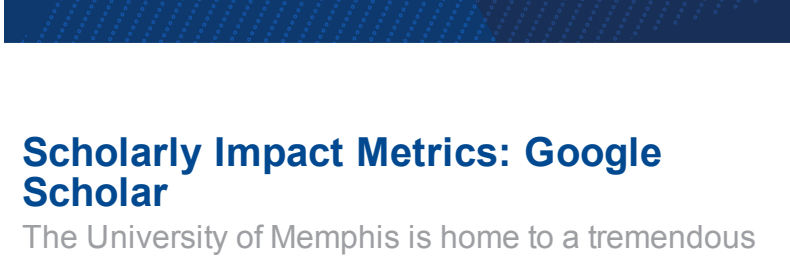
CERI Faculty Investigates Induced Earthquake Potential Close to the San Andreas Fault in California

Research is featured in [*Seismological Research Letters and The Conversation*](#) >>



Systems Testing Excellence Program Leaders Receive DHS Under Secretary Award

Second year in a [row](#) >>



Scholarly Impact Metrics: Google Scholar

The University of Memphis is home to a tremendous community of research scholars. They produce an increasing stream of publications in the top research outlets. Citations of these research publications is a key measurement of the global impact of UofM research. See a summary of those faculty who are cited most often according to [Google Scholar](#) >>

Research Development

November Training

The Division of Research and Innovation offers research development training. Review the list below for available dates, times descriptions and Zoom links. If you would like a calendar invite to any sessions, please complete this [form](#) (includes all fall scheduled trainings). All sessions will be recorded and available at the [Division training archive](#) - UofM credentials required for access. September workshops are also available at that link.

- **Inside the Mind of the Reviewer**
Learn about the National Science Foundation/National Institute of Health review criteria, how the scoring process works, and other keys to success in the review process.

Instructor: Dr. Cody Behles
Nov. 5 | 2:30 PM | [Join via Zoom](#) >>
- **Interdisciplinary Team Building Networking Session**
This session brings together units across campus to facilitate research connections and team building.

Instructor: Dr. Cody Behles
Nov. 10 | 3:00 PM | [Join via Zoom](#) >>
- **Working Group: Writing for STEM Awards**
This session is for faculty interested in working on STEM outreach and education, networking and writing group.

Instructor: Dr. Cody Behles
Nov. 12 | 12:30 PM | [Join via Zoom](#) >>
- **Statistics Research Consulting Exchange**
If you are conducting research that requires statistics, but you are not a statistician, this is the session for you. Statisticians also welcome.

Instructor: Dr. Cody Behles
Nov. 19 | 2:30 PM | [Join via Zoom](#) >>

If you need individual assistance, contact researchdev@memphis.edu.

Research Awards

October 2020

Dr. Claudio Meier, associate professor in the Department of Civil Engineering, was awarded \$253,517 from the Tennessee Department of Transportation for his project "Peak Flow Estimation Urban Areas."

Dr. Matthew Smeltzer, assistant professor in the Division of Epidemiology, Biostatistics, and Environmental Health, was awarded \$249,404 from the Center for Disease Control for his project "Tennessee Sickle Cell Disease Surveillance Program (Optional Component)."

Dr. James Whelan, clinical health professor in the Department of Psychology, was awarded \$180,000 from the Tennessee Department of Mental Health and Substance Abuse Services for his project "Gambling Treatment Services."

Dr. Sabyasachee Mishra, associate professor and Faudree professor in the Department of Civil Engineering, was awarded \$134,544 from Florida Atlantic University with the US Department of Transportation for his project "Evaluating the Adoption and Impact of Autonomous Delivery Technologies."

Dr. Firouzeh Sabri, associate professor and chair in the Department of Physics and Materials Sciences, was awarded \$125,000 from Paragon TEC with the National Aeronautics and Space Admin for her project "Physical Science Curriculum Development for K-12."

Dr. Brian Waldron, associate professor in the Department of Civil Engineering and Director of the Center for Applied Earth Science and Engineering Research was awarded \$62,763 from the U.S. Department of Agriculture (USDA) for his project "USDA NRCS EO."

Dr. Charles Garner, associate professor in the Department of Chemistry, was awarded \$3,651 from SweetBio, Incorporated for his project "Developing a simple analysis for traces of carbodiimides."

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

Research + Innovation News

Research & Sponsored Programs

Research Compliance

FedEx Institute of Technology News

FedEx Institute of Technology Research Clusters

FedEx Institute of Technology Training

WordPress Memphis

Nov. 5 | 6-9 PM | Online

Code Together: Community Coding Session

Nov. 8 | 1-3 PM | Online

FIT Corporate Training: SAFe Program Consultant

Nov. 9-12 | 8 AM-5 PM | Online

FIT Corporate Training: Agile Coaching

Nov. 9-12 | 8 AM-1 PM | Online

Code Connector Networking

Nov. 9 | NOON-1 PM | Online

Memphis Web Workers

Nov. 10 | 6-8 PM | Online

Memphis Game Developers

Nov. 11 | 6-8 PM | Online

Game Design Workshop

Nov. 11 | 6-8 PM | Online

MNUG: Coding Standards Microsoft .NET

Nov. 12 | 6-8 PM | Online

FIT Corporate Tech Training: DevSecOps

Nov. 16-20 | 8:30 AM-NOON | Online

Code Connector Networking

Nov. 16-20 | 8:30 AM-NOON-1 PM | Online

Memphis Python

Nov. 16 | 6:30-8:30 PM | Online

Memphis M365

Nov. 19 | 3-5 PM | Online

Code Connector Networking

Nov. 23 | NOON-1 PM | Online

Intro to Syncfusion Essential Studio

Nov. 24 | 6-8 PM | Online

Code Co-op | Coding and Hack Night

Nov. 24 | 6:30-8 PM | Online

MemphisPHP

Nov. 24 | 6:30-8 PM | Online

Memphis Agile

Nov. 26 | 6-7:30 PM | Online

Code Connector Networking

Nov.30 | NOON-1 PM | Online

Looking for Something? SEARCH UofM

COVID-19 FAQs

Research for the newsletter? [Contact us.](#)

