



January 2019

Happy New Year!

We're ramping up for another ground-breaking semester that will bring new innovation and opportunity to the University of Memphis campus. New collaborations with nationally recognized innovators in public health, frontline research in earthquake monitoring and a brand new avenue for public-private partnerships mark the start of the 2019 calendar. It's an exciting time to be a Memphian, and it's always great to be a Tiger!

## GRAND OPENING

The University of Memphis is celebrating the launch of the first phase of our research park initiative. Join us in the renovated facility in the heart of the University District and meet the companies that will call CommuniTech Research Park home.

Refreshments will be provided.

**JANUARY 17, 2019 • 3–4:30 PM**

460 South Highland Street  
Memphis, Tennessee 38152

RESEARCH



Creating Healthcare Research



Collaborations  
Rugless leading new research initiative

The University of Memphis and the Church Health Center have hired Dr. Fedoria Rugless to develop a collaborative research program between the two institutions. Dr. Rugless, who started in Nov, serves as research assistant professor in the School of Health Studies and director of research for Church Health Center. In this new role, Rugless will enhance the community-based clinical work at Church Health, while providing University faculty the opportunity to conduct research within a model health organization. For more information, visit Rugless' faculty [page](#).

Pediatric Healthcare  
UofM law students partner with Urban Child Institute to serve low-income children

The University of Memphis and the Urban Child Institute (UCI) are partnering to make a significant impact on our community. As part of the Memphis Children's Health Law Directive (Memphis CHLD), the Medical-Legal Partnership (MLP) Clinic provides University of Memphis law students opportunities to gain hands-on experience working with low-income pediatric patients at Le Bonheur Children's Hospital. In collaboration with Memphis Area Legal Services (MALS) and Le Bonheur, MLP addresses the legal and social barriers to child and family health through direct legal services and systematic advocacy. You can read more about the Memphis CHLD program [here](#).

UCI is also funding the Institute for Health Law and Policy as they work to integrate understanding of adverse childhood experiences (ACES) into policy research, advising and development within our community. iHeLP's Policy Lab provides valuable experience for law students to grow in their understanding of ACES and serve as advocates for children and families throughout the region. To learn more about iHeLP, click [here](#).

When earthquakes happen, who do you call?  
CERI @ UofM

On Dec 12, when an unusual 4.4 magnitude earthquake struck near Decatur, who got the call to scramble a monitoring team? UofM's Center for Earthquake Research and Information (CERI). At the request of the Tennessee Emergency Management Agency and in coordination with the Tennessee Valley Authority, CERI deployed an aftershock monitoring team. The field team set up several temporary seismograph stations to monitor aftershocks and has recorded at least seven in the first 24 hours following the original quake. To learn more about what CERI does, or to see real-time seismic readings for our region visit [here](#).

Materials...Why Things Break

Dr. Ali Fatemi, Ring Professor and chair of Mechanical Engineering, is one of the world's leading experts on fatigue and fracture mechanics. In layman's terms, this is about the processes within built structures and the materials that make up these structures that make some designs more resilient and durable than others. Fatemi works with all types of materials and his research has been sponsored by many companies and organizations including General Motors, Pratt & Whitney, Electricite de France, Forging Industry Association, American Iron and Steel Institute, Army Research Lab and NAVAIR. His Fatigue and Fracture Research Laboratory (FFRL) is equipped with state-of-the-art servo-hydraulic testing systems for both uniaxial and multiaxial loadings, along with crack development and detection systems, mechanical and video extensometers, and optical and scanning microscopes. [Visit](#) to read more on Fatemi.



Braasch awarded Spencer Foundation grant  
To study how children recognize bias on the internet

School-aged children use the Internet to complete their classroom assignments, as well as for personal enjoyment. But, is anyone teaching them how to recognize when different texts present conflicting information about the same topic? And, how do children use this information to figure out where there is bias? With support from the Spencer Foundation, assistant professor of Psychology, Dr. Jason Braasch, aims to find out. He also has plans to test a pre-reading intervention that may help students engage in more source evaluation when reading. For more information, contact Braasch at [jlbraasch@memphis.edu](mailto:jlbraasch@memphis.edu).

New Awards for December:

- Dr. Robert Neimeyer, clinical professor in the Department of Psychology, was awarded \$30,000 from the American Foundation for Suicide Prevention (AFSP) for his project "Surviving Suicide and Opioid-Related Loss: Examining Needs, Support, and Grief Trajectories."
- Dr. Jason Braasch, assistant professor of Psychology, was awarded \$24,345 from the Spencer Foundation for his project "The role of children's vocabulary knowledge in detecting conflicts and evaluating sources across multiple internet texts".

\* Data is reported on the 18th of each month. Any awards finalized after the 18th of each month will be reported in the following month's report.

**BIOLOGISTICS**

**CAST**

**DRONES**

**SMART Cities**

INNOVATION



Global Game Jam 2019  
Innovation.



Experimentation.  
Collaboration.  
Jan 25-27 | FIT Zone, MPT, Fishbowl

The Global Game Jam® (GGJ) is the world's largest game jam event (game creation) taking place around the world at physical locations. Think of it as a hackathon focused on game development. It is the growth of an idea that in today's heavily connected world, we could come together, be creative and share experiences in a multitude of ways using video games – it is very universal. The jam is always an intellectual challenge. People are invited to explore new technology tools, trying on new roles in development and testing their skills to do something that requires them to design, develop create, test and make a new game in the time span of 48 hours. This is designed to stimulate collaboration, not competition. If interested and want to join, register [here](#).



MIT Deshpande Center Executive Director speaking at FedEx

Institute of Technology  
Talk Title: Commercializing University Research

Jan 31 | 5 PM | MPT (103)

Since 2002, the MIT Deshpande Center for Technological Innovation has funded more than 140 projects at MIT, leading to 39 startups that have raised over \$700 million in investment. Leon Sandler will share his experience on how the center helps commercialize MIT technologies; understand the problems that need to be solved and the ingredients for success; and gain insights from the Deshpande Center's experience over the past 16 years. Discover the activities that allow technology to spin out into fundable startups, and the levers that can accelerate the process. RSVP [here](#).

SAVE THE DATE

**RESEARCH ROUNDUP**

A FORUM FOR ADMINISTRATORS OF RESEARCH AND SPONSORED PROGRAMS

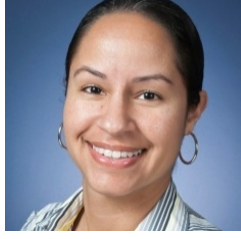
FIRST FRIDAY OF EVERY MONTH STARTING 2/1/19  
UC SENATE CHAMBER (UC260) | 10:30 – NOON

Research Solutions  
Offering assistance to faculty across campus

Research Development is launching a new service for faculty. Working on a proposal and need assistance? No appointment needed – drop by during our *Help Hours* for assistance with common issues. For more information, contact Mary Earheart Brown at [mrhrtrbw@memphis.edu](mailto:mrhrtrbw@memphis.edu).

Dates/Times/Locations | Jan – Apr 2019

Mondays | 3 – 5 PM | Admin Bldg., Rm 215  
1st Wed | 1 – 3 PM | EH Bldg., Rm 109  
2nd Tue | 11 AM – 1 PM | EA Bldg., Rm 202C  
3rd Thurs, noon – 2 PM | BH, Rm 207  
4th Wed | 9 – 11 AM | CFA, Rm 232  
5th Tues | 11 AM – 1 PM | CHB, Rm 2503  
5th Mon | 10:30 AM – 12:30 PM | FIT, 313



HIV/AIDS Awareness  
UofM faculty receives Light of Hope Award

Dr. Latrice Pichon, associate professor in the School of Public Health, received the *Light of Hope Award* from the Shelby County Health Department in recognition of her efforts to bring awareness of and to fight against the spread of HIV/AIDS in Shelby County on World AIDS Day. Congratulations, Dr. Pichon, on this achievement as a result of your research and dedication efforts to bring awareness to such an important issue!

Learn more on Dr. Pichon [here](#).

**LAB TOUR**

The Tissue Template Engineering and Regeneration Laboratory

Jan 24 | 12-2 PM  
Engineering Technology Building | Room 120

CALENDAR



[Memphis Web Workers User Group: Creating Single Page Applications with Vue CLI 3](#)  
Jan 8 | 6:15 – 8:15 PM | FIT 225

[Machine Learning/Data Sciences/R Meetup](#)  
Jan 8 | 7 – 8 PM | FIT 227

[Memphis Game Developers VFX Challenge](#)  
Jan 9 | 6 – 8 PM | FIT 225

[MEMPass / Power BI Meetup](#)  
Jan 10 | 5:30 – 8:30 PM | FIT 225

[DevSecOps](#)  
Jan 10-11 | 8 AM – 5 PM | FIT Fishbowl 203/205

[CommuniTech Grand Opening](#)  
Jan 17 | 3 – 4:30 PM | 460 S. Highland

[Memphis Python User Group](#)  
Jan 21 | 6:30 – 8:30 PM | FIT 225

[Memphis PHP User Group](#)  
Jan 22 | 6:30 – 8 PM | FIT 225

[DevSecOps](#)  
Jan 22-23 | 8 AM – 5 PM | FIT Fishbowl 203/205

[Lab Tour: Tissue Template Engineering and Regeneration Laboratory](#)  
Jan 24 | 3 – 5 PM | ET 120

[Global Game Jam](#)  
Jan 25-27 | 8 AM – 5 PM | FIT Zone, MPT, 225

[Leon Sandler Talk: Commercializing Research](#)  
Jan 31 | 3 – 5 PM | FIT 225, 226, 227

TRAINING



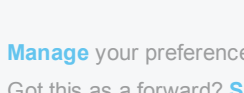
[DevSecOps](#)  
Jan 10 – 11

[DevSecOps](#)  
Jan 22 – 23



Leading Through Innovation

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