

RESEARCH + INNOVATION

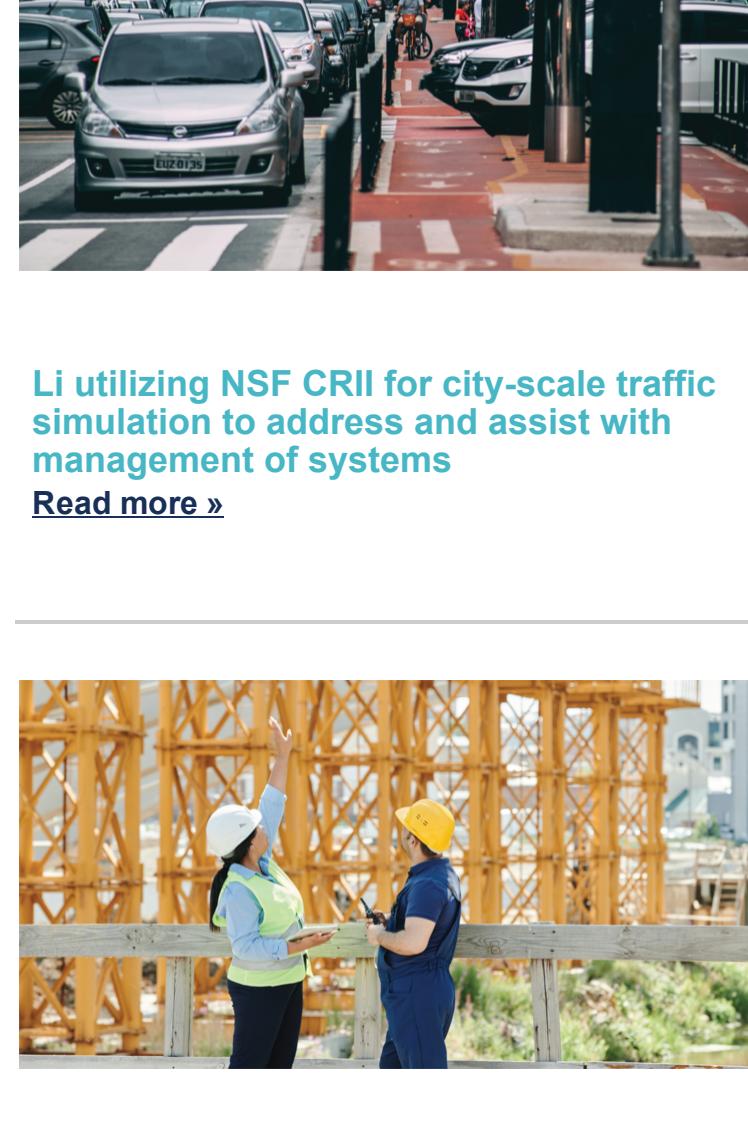
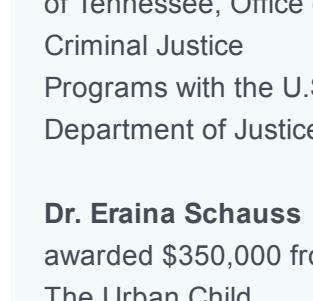
NEWSLETTER

August 2022 • COVID-19 Updates

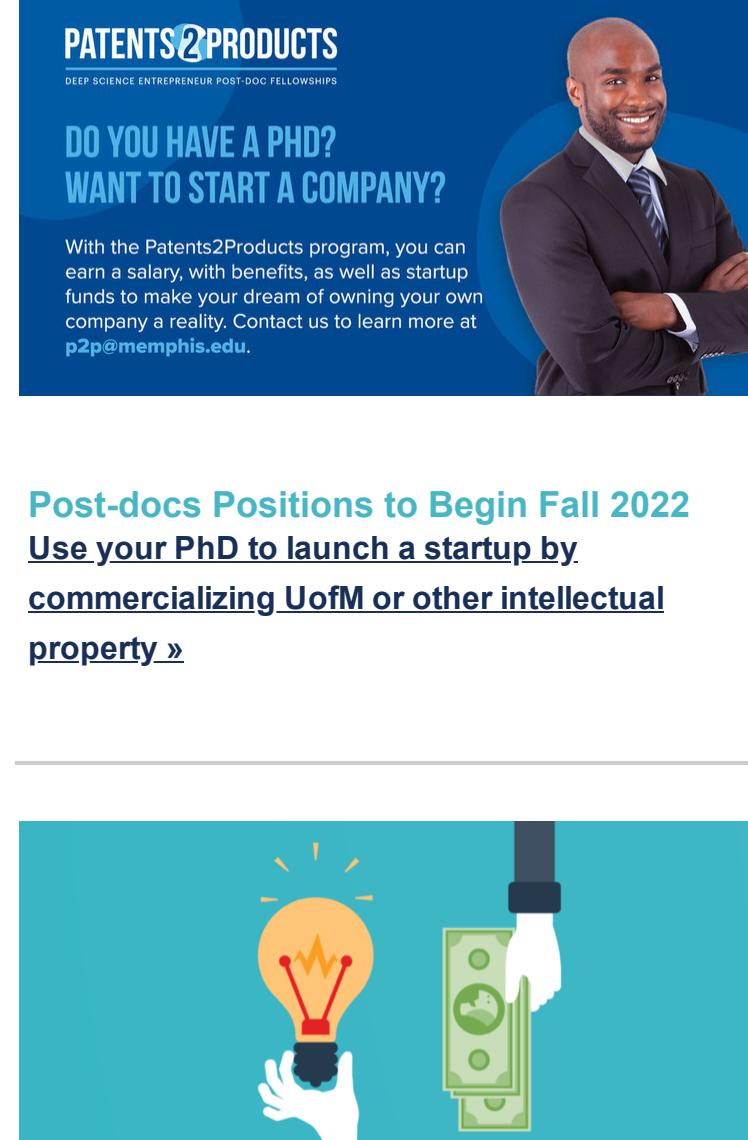
READ PREVIOUS
R+I NEWSLETTERSSUBSCRIBE TO
R+I NEWSLETTER

ENTREPRENEURIAL DEEP SCIENCE POST DOCS WANTED

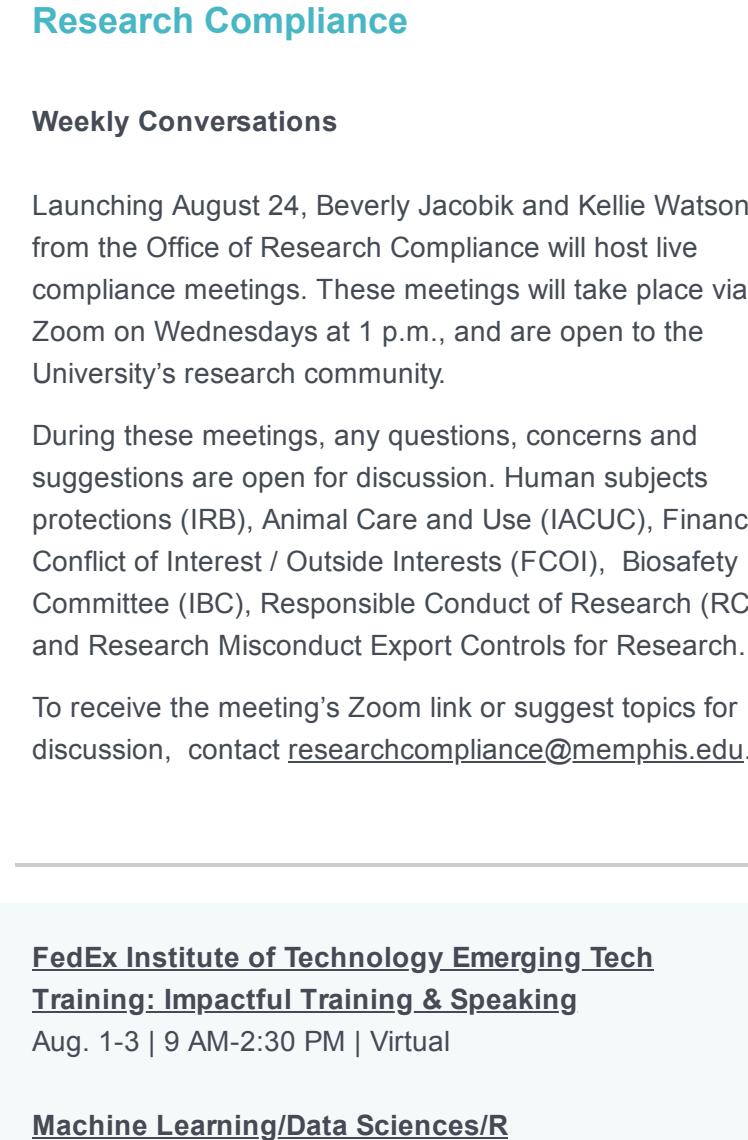
Turning patented intellectual property into successful companies. Learn More.



Foti and Mechanical Engineering faculty investigate atmospheric processes that impact Earth's energy and water

[Read more »](#)

UofM's Institute for Gambling Education and Research's grant will fund two clinics and expand services for all Tennesseans

[Read more »](#)

Researchers working with FedEx as part of the FRONTIERS program, focusing on solving company challenges utilizing UofM faculty and students

[Read more »](#)

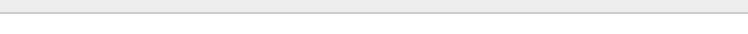
Li utilizing NSF CRII for city-scale traffic simulation to address and assist with management of systems

[Read more »](#)

Zahirovic-Herbert and Sunderman secure Land Economics Foundation funding to investigate how property taxes impact development in Memphis

[Read more »](#)

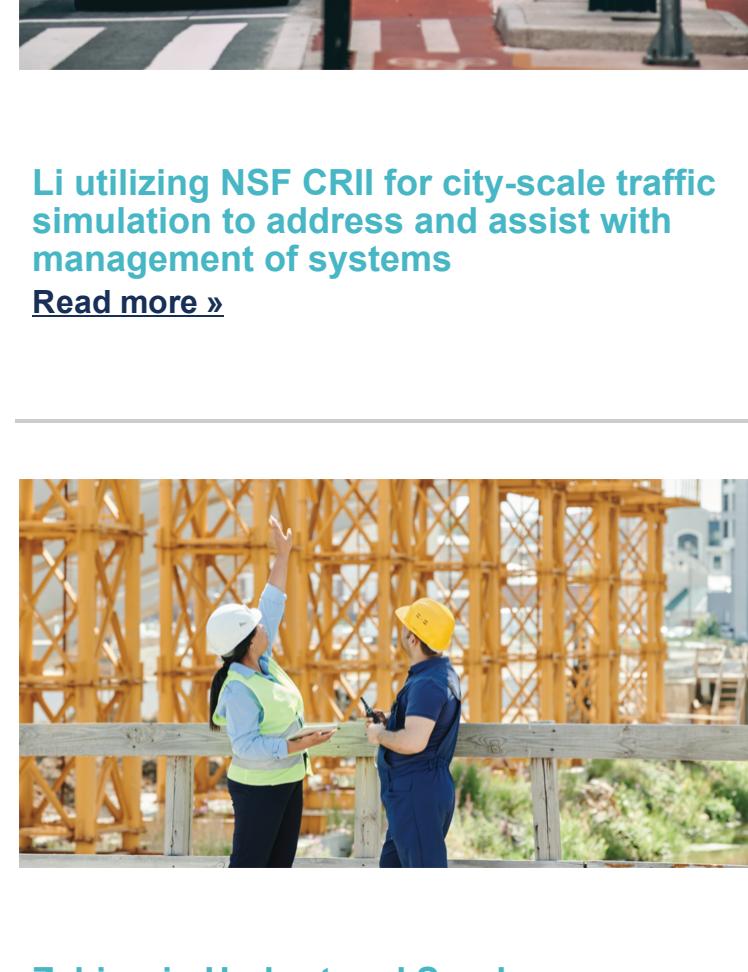
UofM completes CAREER Development Program to aid junior faculty in receiving prestigious NSF award

[Read more »](#)

Post-docs Positions to Begin Fall 2022 Use your PhD to launch a startup by commercializing UofM or other intellectual property

[Contact us.](#)

Highlight of Upcoming CDC, DOE, HRSA, NEH, NIH and NSF Funding Opportunities
Recently published opportunities from a variety of federal agencies

[Read more »](#)

Research Awards

July 2022

*Full project and award details available [here](#).

Dr. Brian Waldron awarded \$1,095,798 from Memphis Light, Gas and Water.

Dr. William Hunter awarded \$700,000 from Vanderbilt University with the Tennessee Department of Education.

Dr. Vasile Rus awarded \$650,600 from the U.S. Department of Education.

Dr. Jeremy Whitaker awarded \$636,212 from the Health Resources and Services Administration.

Dr. Tracy Collins awarded \$579,685 from the Health Resources and Services Administration.

Dr. Loretta Rudd awarded \$448,876 from The Urban Child Institute.

Dr. Amaya Iratzoqui-Greenfield awarded \$376,524 from the State of Tennessee, Office of Criminal Justice Programs with the U.S. Department of Justice.

Dr. Eraina Schauss awarded \$350,000 from The Urban Child Institute.

Dr. Kathryn Ramsey awarded \$350,000 from The Urban Child Institute.

Scott Schoefenacker awarded \$350,000 from Shelby County Government.

Dr. Latrice Pichon awarded \$348,889 from the Centers for Disease Control and \$35,700 from the State of Tennessee with the Center for Disease Control.

Dr. Francisco Muller-Sánchez awarded \$315,791 from the National Aeronautics and Space Administration.

Dr. Christos Papadopoulos awarded \$299,582 from the National Science Foundation.

Dr. Karen Weddle-West awarded \$297,600 from the U.S. Department of Education.

Dr. Huigang Liang awarded \$230,000 from FedEx Corporate Services.

Dr. Thomas awarded \$215,250 from the National Institutes of Health.

Dr. Stephanie Ivey awarded \$174,789 from the Tennessee Department of Transportation with the Federal Highway Administration, \$20,000 from the U.S. Department of Transportation and \$35,000 from Gannett Fleming Inc. with the Panasonic Corporation of North America.

Dr. Weizi Li awarded \$174,789 from the National Science Foundation.

Dr. Debra Bartelli awarded \$171,672 from the Hope House with the U.S. Department of Housing and Urban Development.

Derek Myers awarded \$158,034 from the State of Tennessee, Office of Criminal Justice Programs with the U.S. Department of Treasury Office of Financial Research.

Dr. Mitchell Withers awarded \$154,194 from the U.S. Geological Survey.

Dr. Michael Gkolias awarded \$150,074 from the Tennessee Department of Transportation with the Federal Highway Administration.

Dr. Sabyasachee Mishra awarded \$150,000 from the Tennessee Department of Transportation with the Federal Highway Administration.

Dr. David Arellano awarded \$149,999 from the Tennessee Department of Transportation with the Federal Highway Administration.

Dr. Xiaofei Zhang awarded \$148,749 from the National Science Foundation.

Dr. Santosh Kumar awarded \$15,445 from the National Institutes of Health.

Dr. Jessica Jennings awarded \$112,729 from the National Science Foundation.

Dr. Richard Bloomer awarded \$10,000 from the Tennessee Department of Mental Health and Substance Abuse Services with the U.S. Department of Health and Human Services.

Dr. Myounggyu Won awarded \$99,764 from the National Security Agency.

Dr. Charles Langston awarded \$91,790 from the U.S. Geological Survey.

Dr. Thomas Watson awarded \$88,857 from the National Science Foundation.

Dr. Shahram Pezeshk awarded \$80,333 from the U.S. Geological Survey.

Dr. Christodoulos Kyriakopoulos awarded \$67,930 from the U.S. Geological Survey.

Dr. Chris Cramer awarded \$51,327 from the U.S. Geological Survey.

Dr. Paul Simone awarded \$48,740 from Foundation Instruments with the National Institutes of Health.

Dr. John Sabatini awarded \$41,097 from the U.S. Department of Education.

Dr. Dorian Burnette awarded \$39,786 from the National Science Foundation.

Dr. James Murphy awarded \$35,018 from the National Institutes of Health.

Dr. Fawaz Mzayek awarded \$34,654 from the University of Tennessee Health Science Center.

Dr. Carl Herickhoff awarded \$30,000 from the American Heart Association.

Dr. Courtney Melton-Fant awarded \$29,975 from the Russell Sage Foundation.

Dr. Wendy Griswold awarded \$25,000 from Kansas State University with the U.S. Environmental Protection Agency.

Dr. Tracy Bruen awarded \$24,048 from the Tennessee Department of Agriculture.

Dr. Younghang Kwon awarded \$22,326 from the U.S. Geological Survey.

Dr. Kristoffer Berlin awarded \$17,896 from the University of Tennessee, Knoxville with the National Institutes of Health.

Mr. Manohar Aggarwal awarded \$9,900 from the National Science Foundation.

Dr. Marian Levy awarded \$7,279 from the Tennessee Department of Health.

Mark Hendricks awarded \$7,000 from the Tennessee Department of Health.

Dr. Xiaolei Huang awarded \$5,000 from the Oak Ridge Associated Universities.

Dr. Meredith Ray awarded \$3,750 from the Tennessee Department of Health.

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

Full project and award details available [here](#).

Research + Innovation News

Quick Guide to Research & Sponsored Programs

Research Compliance

FedEx Institute of Technology News

Research Clusters

Emerging Tech Training

National Science Foundation WHERE DISCOVERIES BEGIN

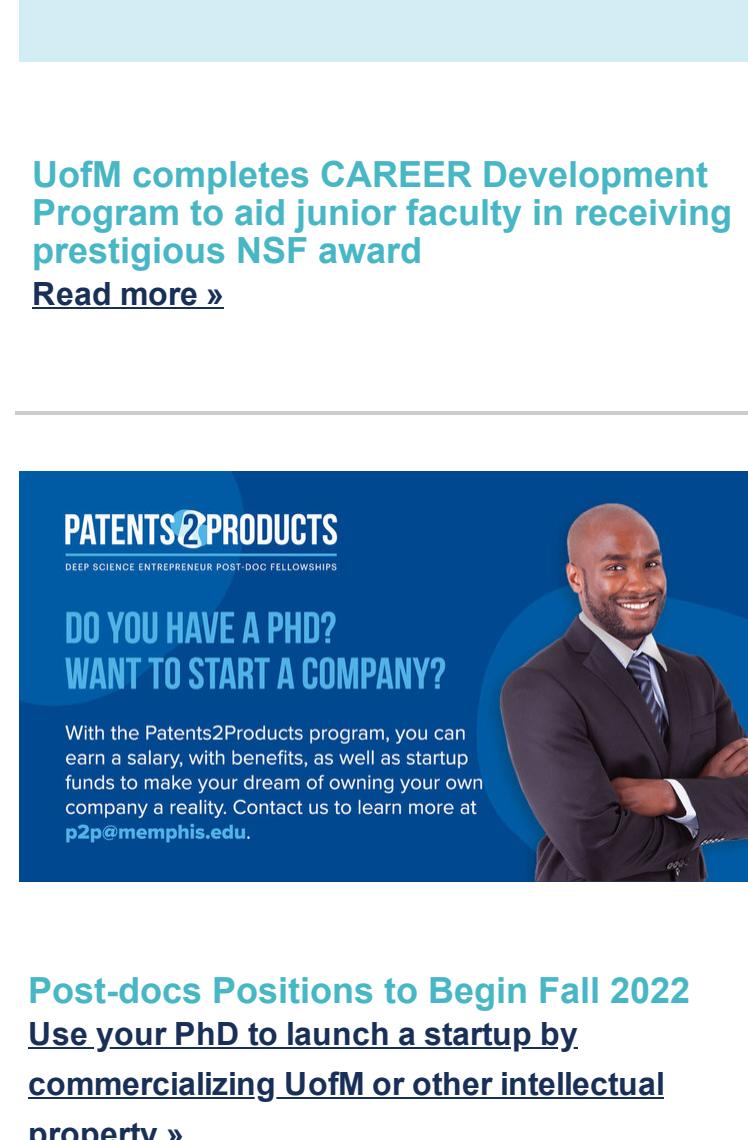
PATENTS2PRODUCTS DEEP SCIENCE ENTREPRENEURSHIP POST-DOC FELLOWSHIP

DO YOU HAVE A PHD? WANT TO START A COMPANY?

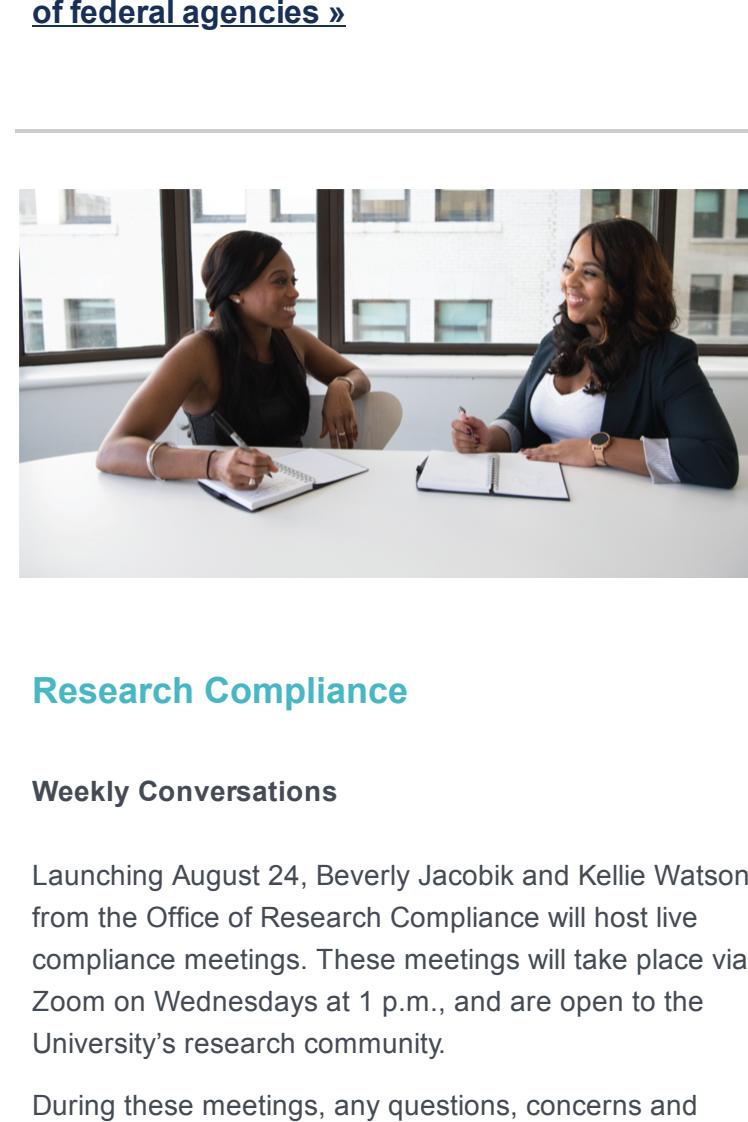
With the Patents2Products program, you can earn a salary, with benefits, as startup funds to make your dream of owning your own company a reality. Contact us to learn more at p2p.memphis.edu.

SEPT 19-23 FIT 225

For further information go to www.p2p.org or email us at registration@p2p.org

[Read more »](#)

Researchers working with FedEx as part of the FRONTIERS program, focusing on solving company challenges utilizing UofM faculty and students

[Read more »](#)

Zahirovic-Herbert and Sunderman secure Land Economics Foundation funding to investigate how property taxes impact development in Memphis

[Read more »](#)

Li utilizing NSF CRII for city-scale traffic simulation to address and assist with management of systems

[Read more »](#)

UofM completes CAREER Development Program to aid junior faculty in receiving prestigious NSF award

[Read more »](#)

DevMemphis Aug. 3 | 6-7:30 PM | UMRF Research Park

Memphis Data Pros / Power BI Aug. 11 | 5:30-6:30 PM | FIT 225

Memphis Python Aug. 15 | 6:30-8:30 PM | Virtual

FedEx Institute of Technology Emerging Tech Training: Introduction to GITHUB for Developers Aug. 18-19 | 8:30 AM-4:30 PM | Virtual

Memphis Game Developers Workshop Aug. 20 | 6-8 PM | FIT 225

Business Agility Memphis Aug. 25 | 6-7:30 PM | Virtual

Memphis .NET Aug. 25 | 6-8 PM | Virtual

Research Study Participation Opportunities

Exploring the health risks of online dating during COVID-19 >

College of Health Sciences >

Department of Psychology >

Speech Perception Assessment Laboratory >

Center for Information Assurance >

MD2K Center >

If your department or college would like to have its research study participation opportunities listed, email tshadi@memphis.edu.

UofM completes CAREER Development Program to aid junior faculty in receiving prestigious NSF award

[Read more »](#)

DevMemphis Aug. 3 | 6-7:30 PM | UMRF Research Park

Memphis Data Pros / Power BI Aug. 11 | 5:30-6:30 PM | FIT 225

Memphis Python Aug. 15 | 6:30-8:30 PM | Virtual

FedEx Institute of Technology Emerging Tech Training: Introduction to GITHUB for Developers Aug. 18-19 | 8:30 AM-4:30 PM | Virtual

Memphis Game Developers Workshop Aug. 20 | 6-8 PM | FIT 225

Business Agility Memphis Aug. 25 | 6-7:30 PM | Virtual

Memphis .NET Aug. 25 | 6-8 PM | Virtual

Research Study Participation Opportunities

Exploring the health risks of online dating during COVID-19 >

College of Health Sciences >

Department of Psychology >

Speech Perception Assessment Laboratory >

Center for Information Assurance >

MD2K Center >

If your department or college would like to have its research study participation