

RESEARCH + INNOVATION NEWSLETTER

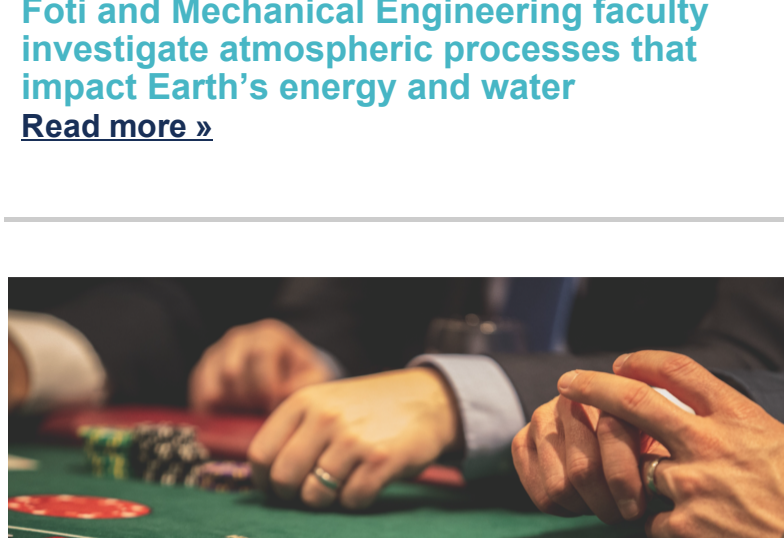
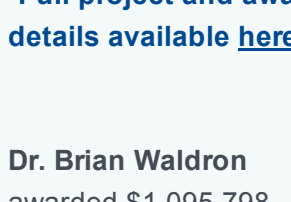
August 2022 • COVID-19 Updates

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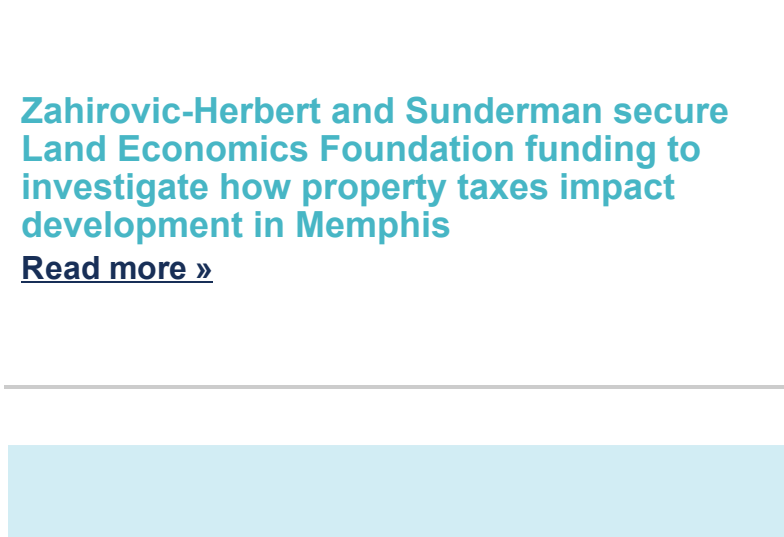
Foti and Mechanical Engineering faculty investigate atmospheric processes that impact Earth's energy and water
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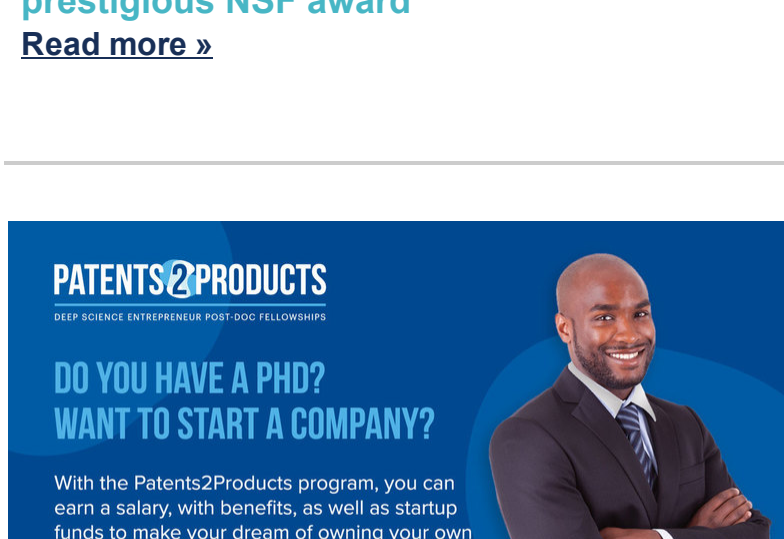
UofM's Institute for Gambling Education and Research's grant will fund two clinics and expand services for all Tennesseans
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Researchers working with FedEx as part of the FRONTIERS program, focusing on solving company challenges utilizing UofM faculty and students
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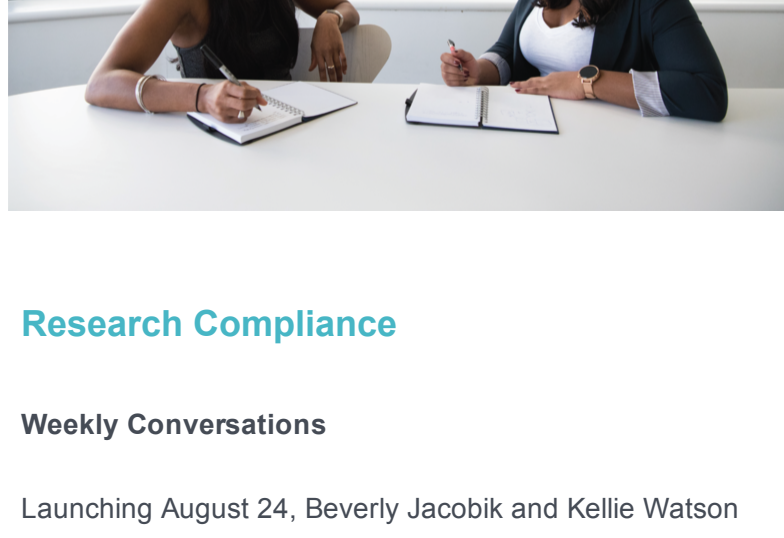
Li utilizing NSF CRII for city-scale traffic simulation to address and assist with management of systems
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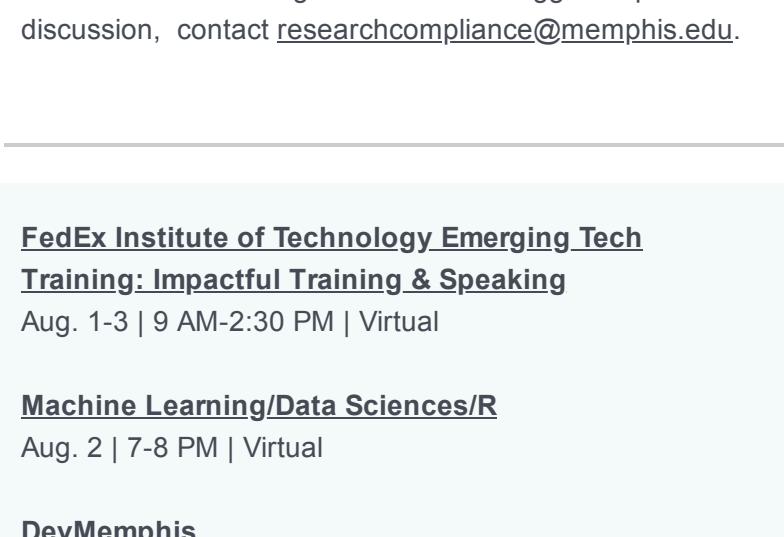
Zahirovic-Herbert and Sunderman secure Land Economics Foundation funding to investigate how property taxes impact development in Memphis
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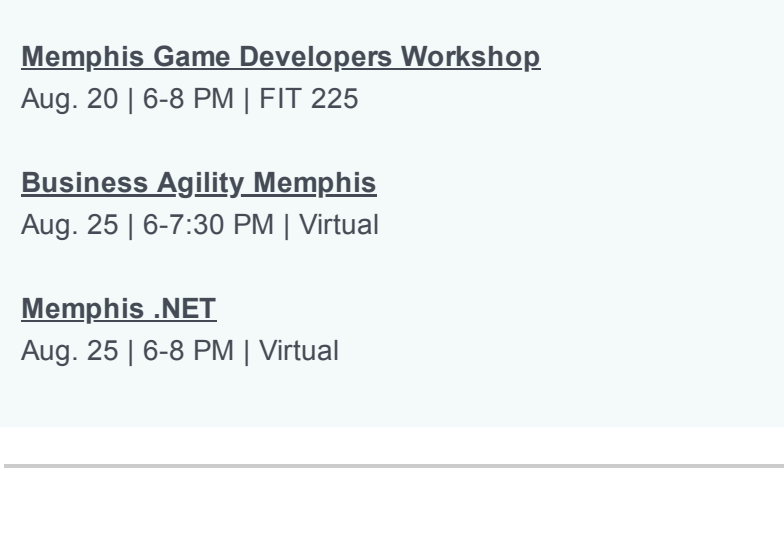
UofM completes CAREER Development Program to aid junior faculty in receiving prestigious NSF award
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Post-docs Positions to Begin Fall 2022
[Use your PhD to launch a startup by commercializing UofM or other intellectual property »](#)



Highlight of Upcoming CDC, DOE, HRSA, NEH, NIH and NSF Funding Opportunities
[Recently published opportunities from a variety of federal agencies »](#)



Research Compliance

Weekly Conversations

Launching August 24, Beverly Jacobik and Kellie Watson from the Office of Research Compliance will host live compliance meetings. These meetings will take place via Zoom on Wednesdays at 1 p.m., and are open to the University's research community.

During these meetings, any questions, concerns and suggestions are open for discussion. Human subjects protections (IRB), Animal Care and Use (IACUC), Financial Conflict of Interest / Outside Interests (FCOI), Biosafety Committee (IBC), Responsible Conduct of Research (RCR) and Research Misconduct Export Controls for Research.

To receive the meeting's Zoom link or suggest topics for discussion, contact researchcompliance@memphis.edu.

FedEx Institute of Technology Emerging Tech Training: Impactful Training & Speaking

Aug. 1-3 | 9 AM-2:30 PM | Virtual

Machine Learning/Data Sciences/R

Aug. 2 | 7-8 PM | Virtual

DevMemphis

Aug. 3 | 6-7:30 PM | UMRP 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

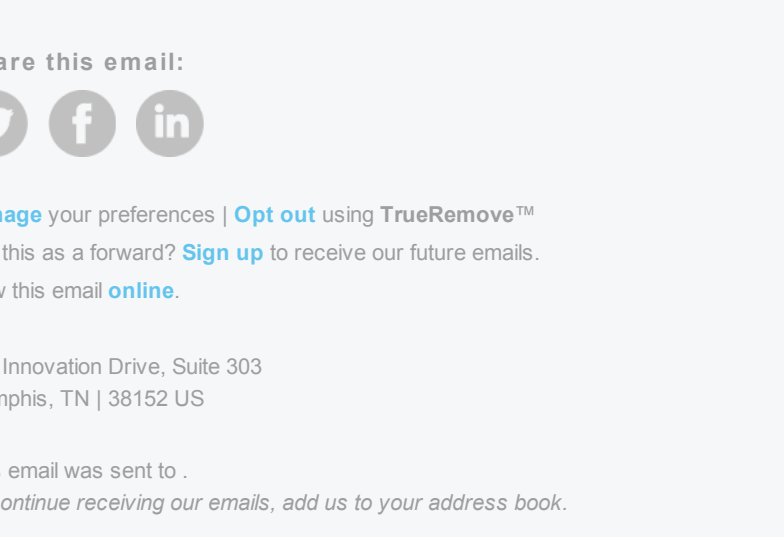
Memphis.NET

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 tshadid@memphis.edu.



For the latest news and initiatives, visit the [website](#). Interested in becoming a collaborator? [Contact us](#).

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

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 Whittaker 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. Amaia 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 Schoefemacker 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-Sanchez, 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 \$201,420 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. Michail 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 \$115,445 from the National Institutes of Health.

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

Dr. Richard Bloomer awarded \$102,000 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 and \$10,713 from the University of Rhode Island with the National Institutes of Health.

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

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

Dr. Courtnee 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 with the U.S. Department of Agriculture.

Dr. Youngsang 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 University of Tennessee Health Science Center.

Mark Hendricks awarded \$7,000 from the Tennessee Public Health Association.

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

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

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

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

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