



A Tennessee Flagship Carnegie R1 Research Institution

RESEARCH + INNOVATION

NEWSLETTER



CAREER AWARDS

2023 NSF CAREER Awards for UofM Faculty

Sajja and Herickhoff awarded funding for magnetic imaging and neuroimaging opportunities.

[Read Full Story](#)



Earthquake Research with Worldwide Impacts

A project with South Korea to shed light on the seismicity of earthquakes everywhere.

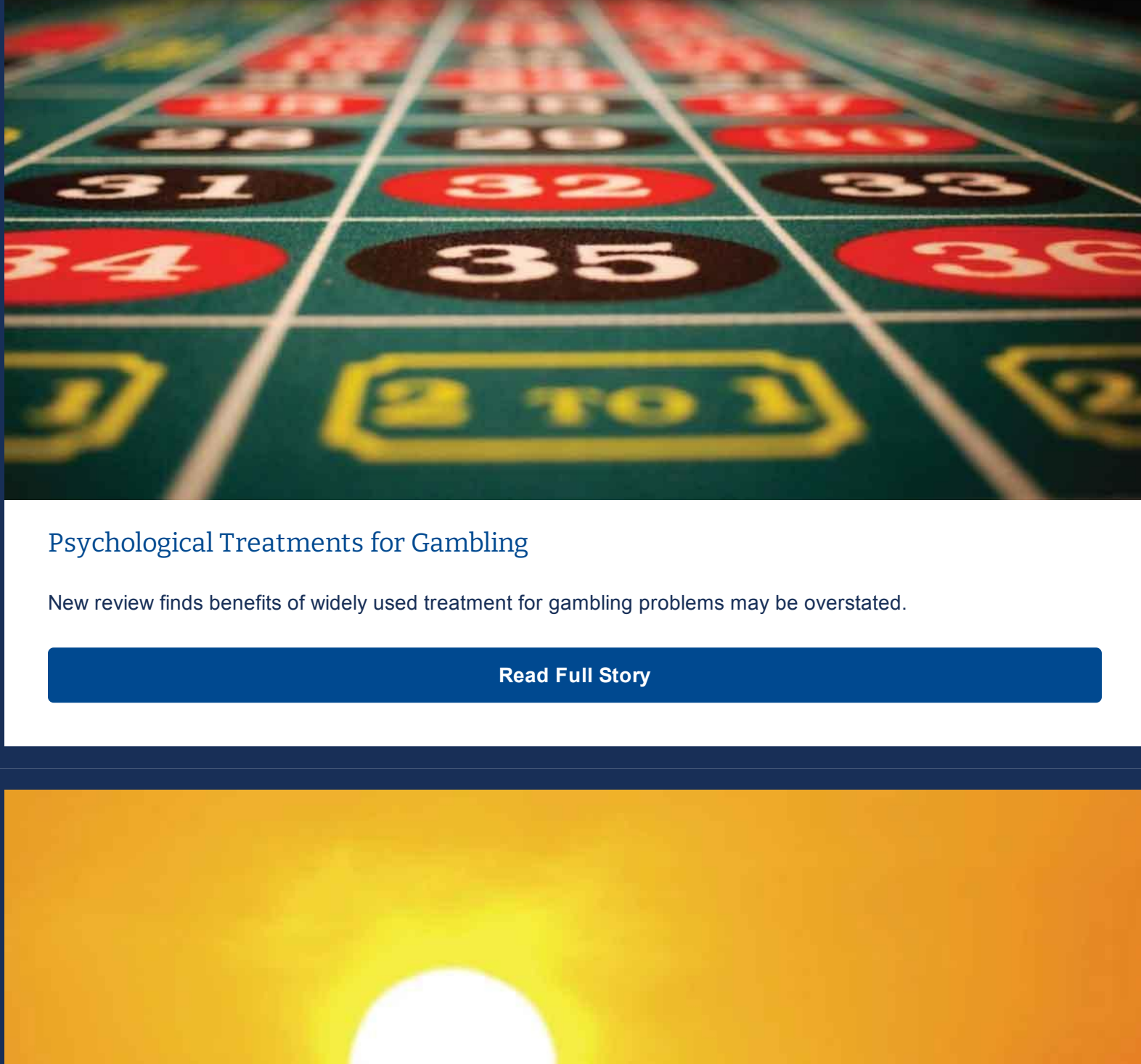
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Congratulations FACULTY FULBRIGHT AWARD RECIPIENTS

UofM Faculty Receive Fulbright Awards

Dasgupta & Parish were recently announced as recipients of the U.S. Scholar Awards for 2023-24.

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Psychological Treatments for Gambling

New review finds benefits of widely used treatment for gambling problems may be overstated.

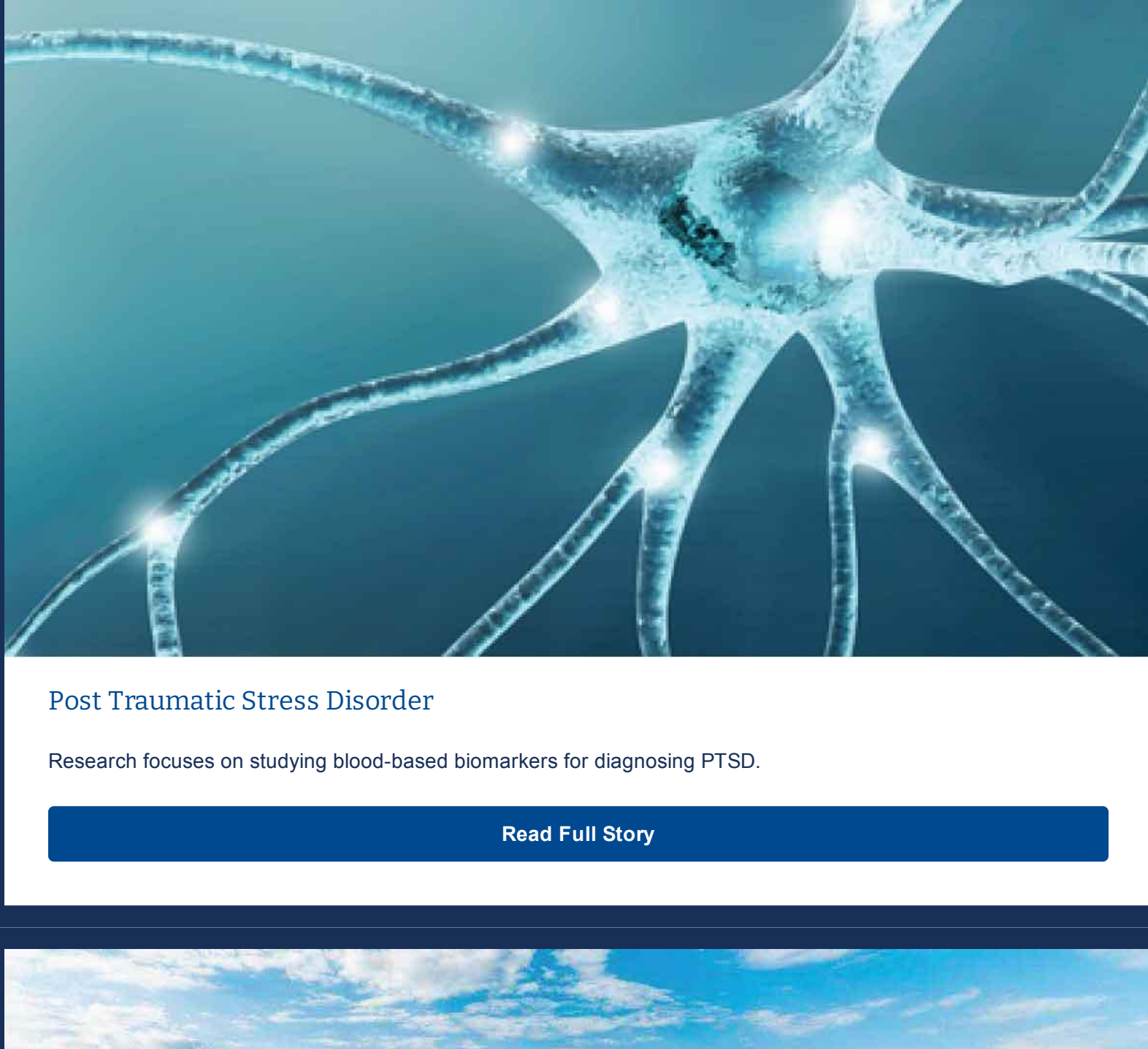
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Climate Change, Kidney Disease and U.S. Veterans

Project highlights effects of extreme heat as it relates to on-set, chronic and end-stage kidney disease.

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Post Traumatic Stress Disorder

Research focuses on studying blood-based biomarkers for diagnosing PTSD.

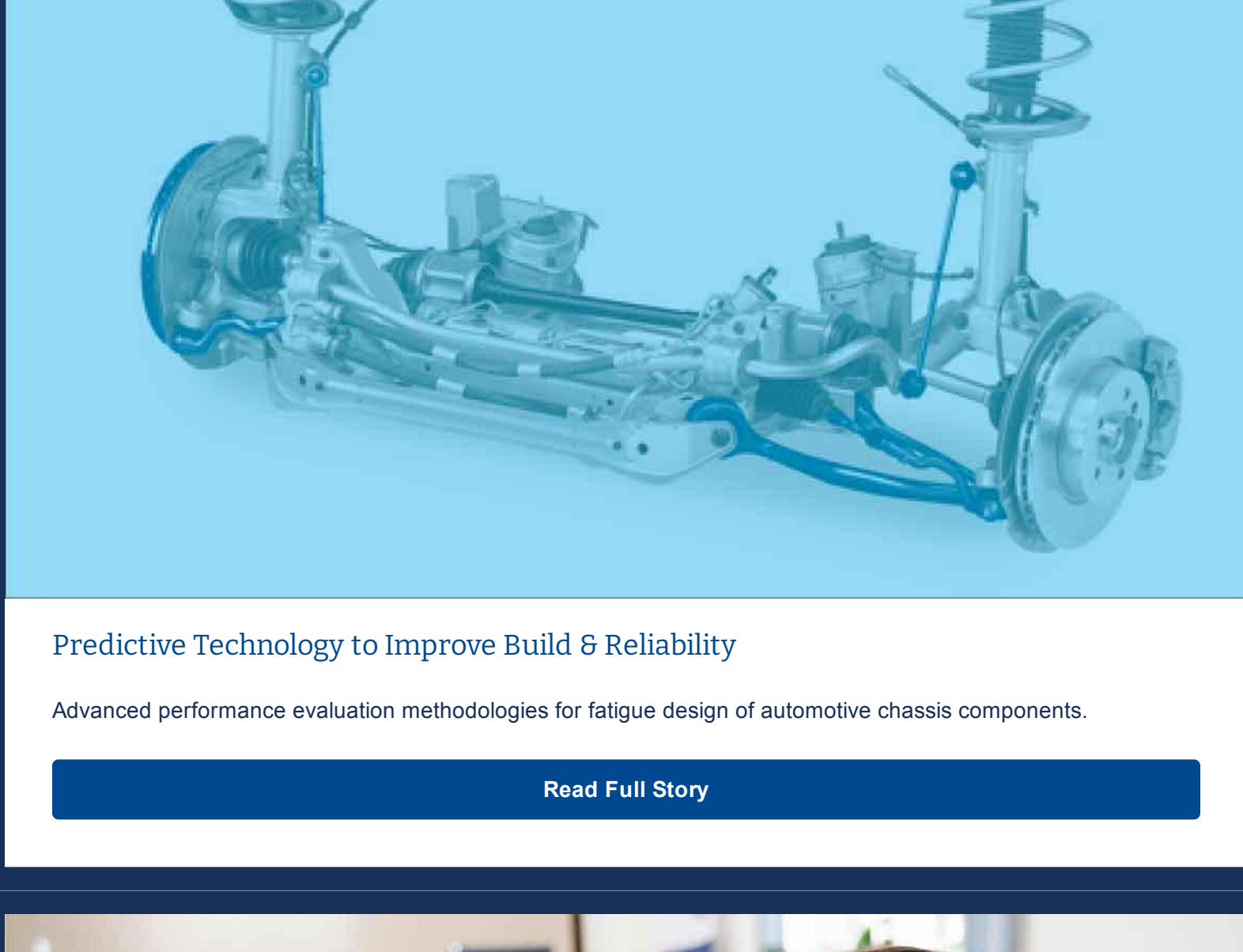
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Soybeans, Charcoal Rot and Solutions

Seeking alternative approaches in development of resistant soybean varieties to increase production.

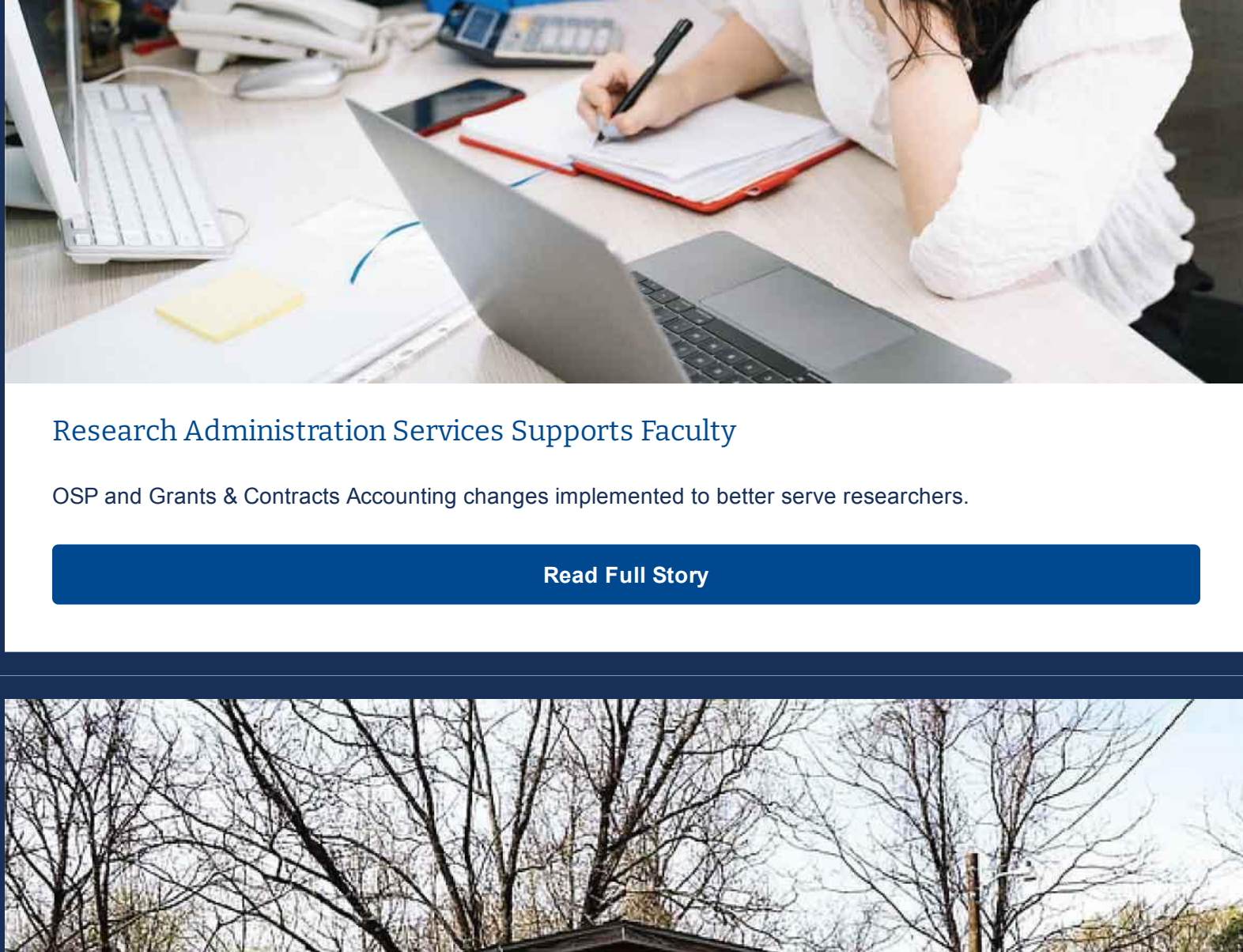
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Predictive Technology to Improve Build & Reliability

Advanced performance evaluation methodologies for fatigue design of automotive chassis components.

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Research Administration Services Supports Faculty

OSP and Grants & Contracts Accounting changes implemented to better serve researchers.

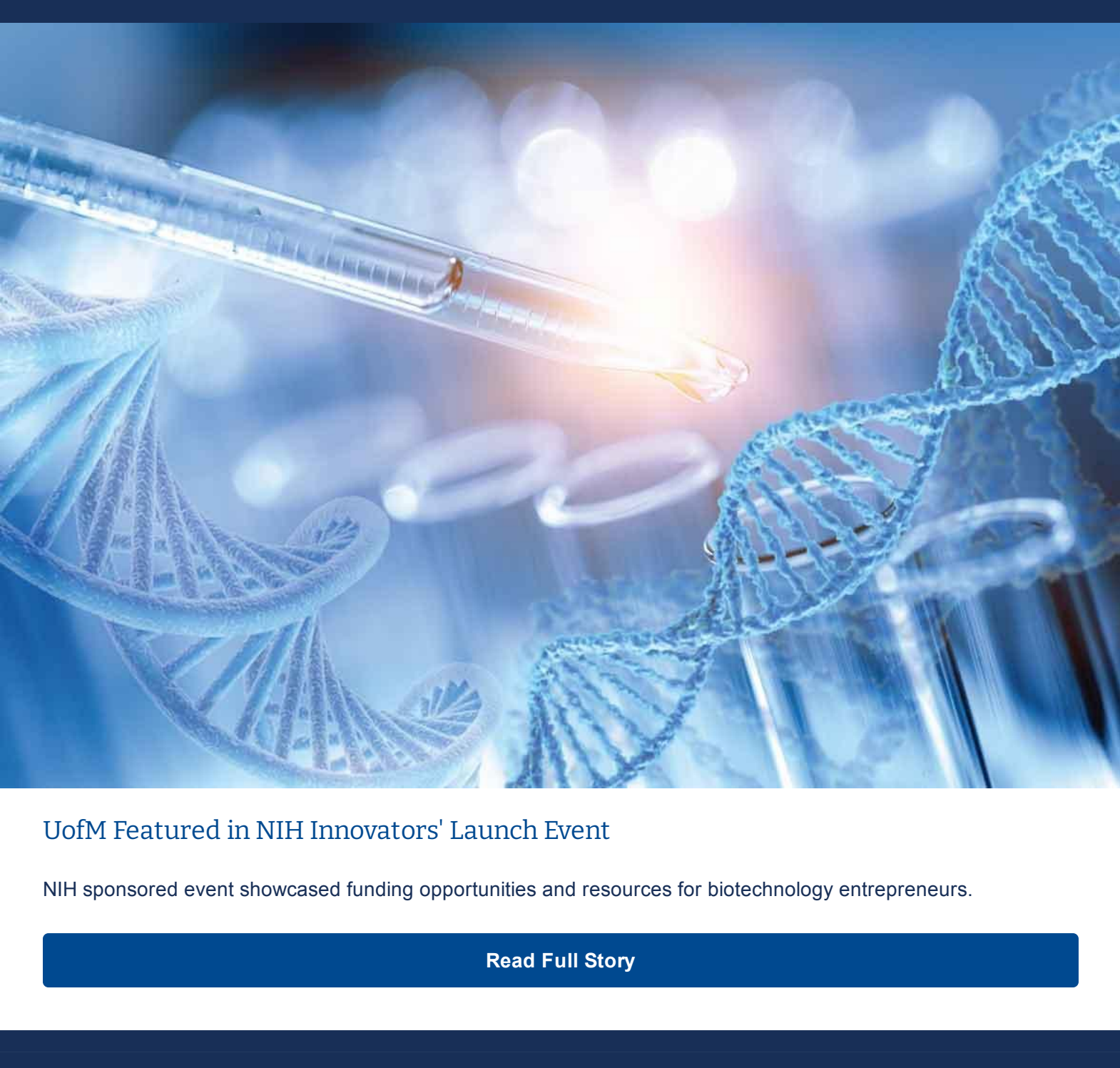
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INTEGRIT-E Conference Seeks Equity in the Delta

Aligned with the Delta Regional Authority to help solve the innovation equity challenges.

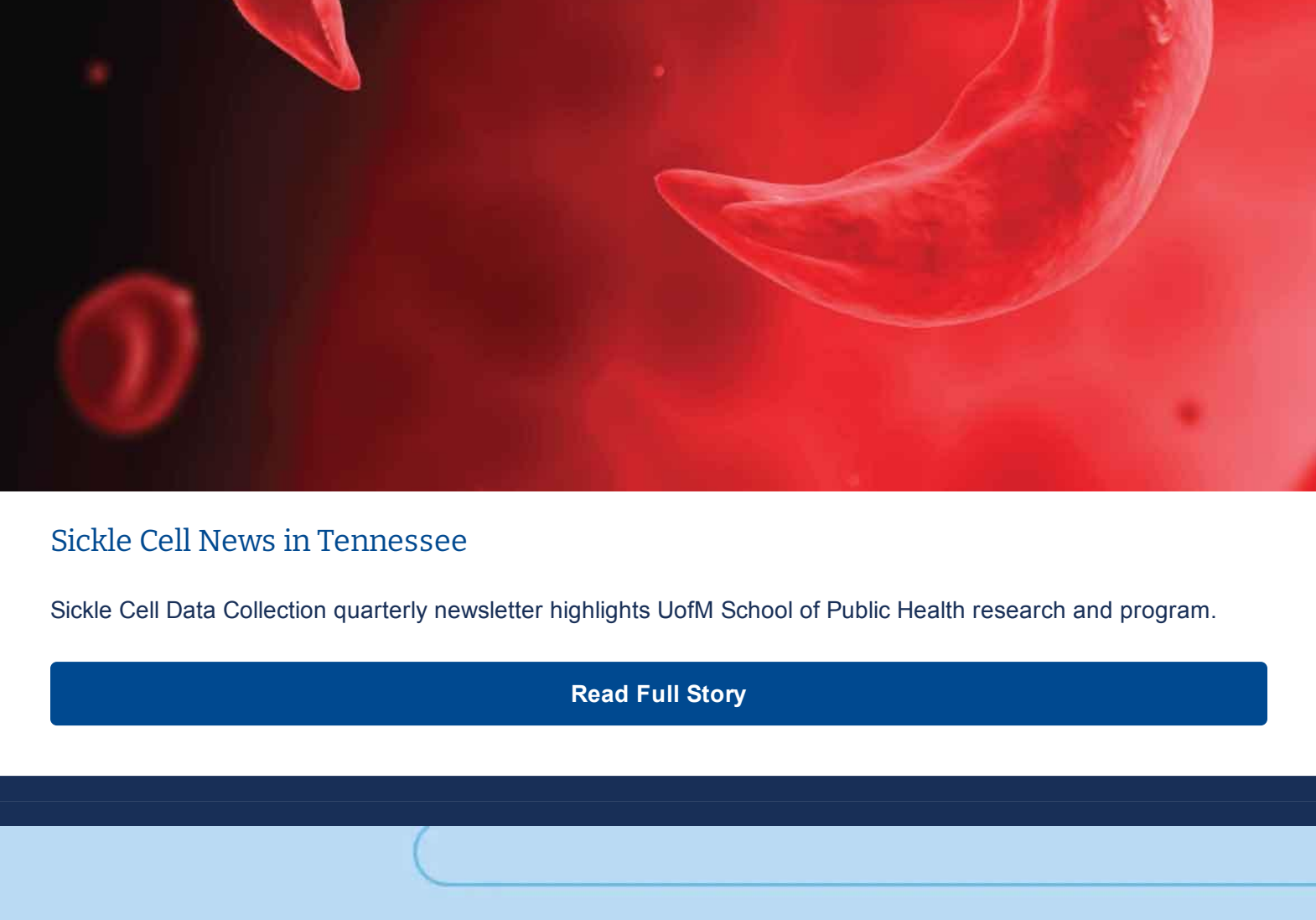
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UofM Featured in NIH Innovators' Launch Event

NIH sponsored event showcased funding opportunities and resources for biotechnology entrepreneurs.

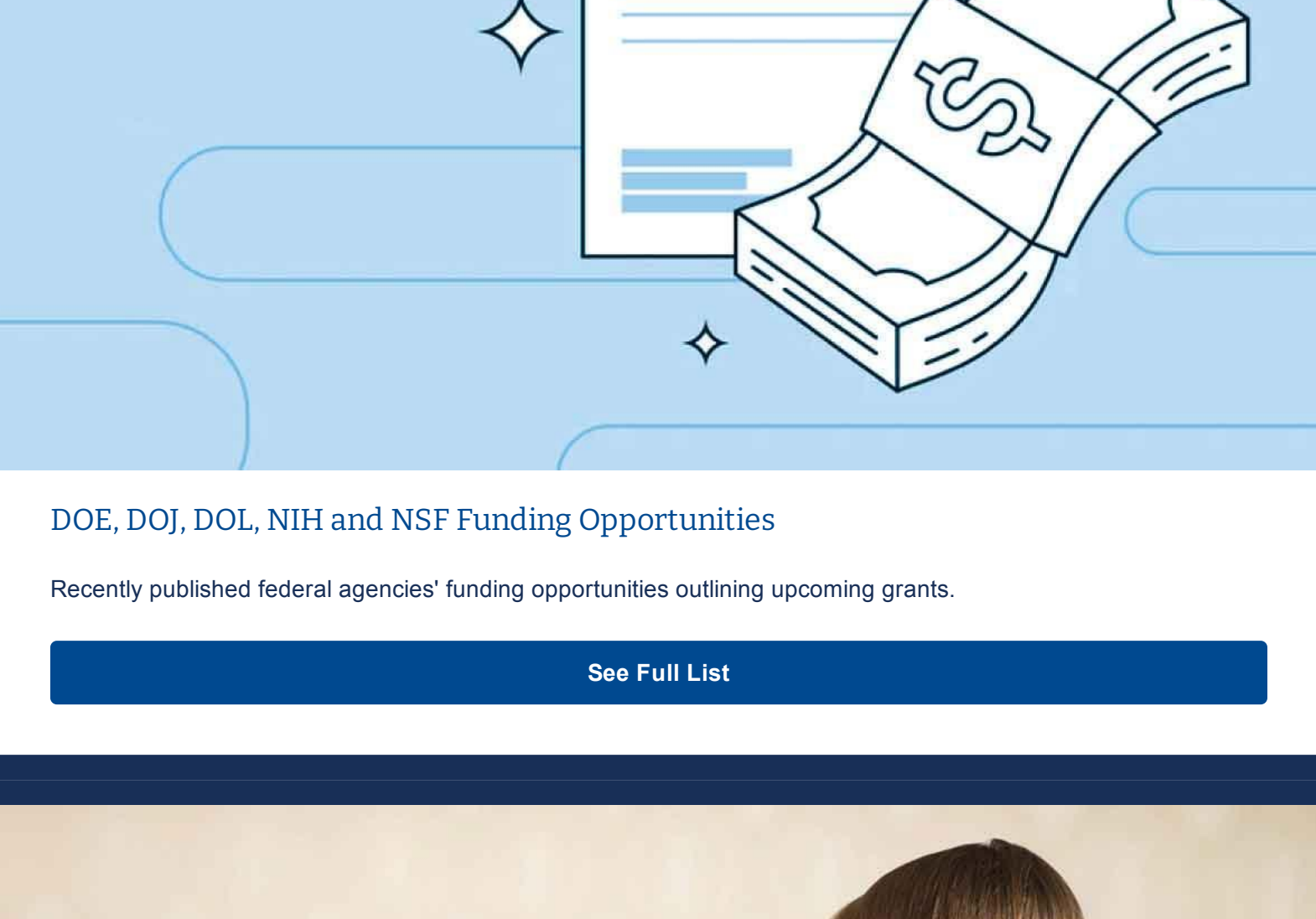
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Sickle Cell News in Tennessee

Sickle Cell Data Collection quarterly newsletter highlights UofM School of Public Health research and program.

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DOE, DOJ, DOL, NIH and NSF Funding Opportunities

Recently published federal agencies' funding opportunities outlining upcoming grants.

[See Full List](#)



Calendar of Events July 2023

Events for Research Development, OSP, UMRF Research Park and the FedEx Institute of Technology.

[See Full List](#)

Research Awards July 2023

- Dr. Wesley James awarded \$2,161,986 from the Delta Health Alliance.
- Dr. James Whelan awarded \$1,970,290 from the Tennessee Department of Mental Health and Substance Abuse Services.
- Dr. Jeremy Whittaker awarded \$648,000 from the Health Resources and Services Administration.
- Dr. Susan Neely-Barnes awarded \$646,001 from the Health Resources and Services Administration.
- Dr. Linh Luu awarded \$500,000 from the Tennessee Department of Health with the Centers For Disease Control.
- Dr. Meghan McDewitt-Murphy awarded \$456,076 from the Health Resources and Services Administration.
- Dr. Xiaohua Huang awarded \$415,516 from the National Institutes of Health.
- Dr. Carl Herickhoff awarded \$396,930 from the National Science Foundation.
- Dr. Richard Bloomer awarded \$343,696 from Liquid IV and \$78,549 from Nature's Fusions.
- Dr. Thouraya Al-Nasser awarded \$132,160 from the Tennessee Department of Education with the U.S. Department of Education.
- Dr. Sabyasachee Mishra awarded \$129,999 from the Memphis Area Transit Authority.
- Dr. Susan Elswick awarded \$125,000 from the Tennessee Department of Mental Health and Substance Abuse Services.
- Dr. Bernie Daigle awarded \$114,157 from New York University with the U.S. Department of Defense.
- Dr. Jessica Jennings awarded \$114,098 from the National Science Foundation.
- Dr. Courtnee Melton-Fant awarded \$112,885 from The Commonwealth Fund.
- Dr. Alexander Headley awarded \$99,943 from the U.S. Department of Agriculture.
- Dr. Thomas Watson awarded \$90,098 from the National Science Foundation.
- Dr. Satish Kedia awarded \$80,000 from Mending Hearts, Inc. with the Substance Abuse & Mental Health Services Administration.
- Dr. Xiangen Hu awarded \$73,436.60 from the American Institutes for Research.
- Dr. Robert Smalley awarded \$52,359 from the U.S. Geological Survey.
- Dr. James Murphy awarded \$36,814 from the University of Tennessee Health Science Center with the National Institutes of Health.
- Dr. Laura Casey awarded \$30,000 from the Tennessee Department of Intellectual and Developmental Disabilities with the U.S. Department of Education.
- Dr. Lan Wang awarded \$16,000 from the National Science Foundation.
- Dr. Meredith Ray awarded \$13,949 from the University of Tennessee Health Science Center.
- Dr. James McCutcheon awarded \$9,600 from the City of Memphis Police Department with the U.S. Department of Justice.
- Dr. Justin Lawhead awarded \$9,457.76 from the Tennessee Department of Human Services with the U.S. Department of Agriculture.
- Dr. Maxime Paquette awarded \$5,744 from Decathlon SE.
- Dr. Marian Levy awarded \$4,890.96 from the University of Tennessee Health Science Center.
- Dr. Farhad Jazaei awarded \$2,500 from Christian Brothers University with the U.S. Department of Agriculture.
- Dr. Emerson Keith Bowers awarded \$2,000 from the Animal Behavior Society.

** 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.](#)

Upcoming Events & Announcements



University of Memphis Featured in National Institutes of Health Launching Biomedical Innovators Event

The NIH sponsored event showcased funding opportunities and resources for biotechnology entrepreneurs.

The National Institutes of Health (NIH) hosted a two-day virtual Launching Biomedical Innovators event on June 20-21 featuring companies, universities and organizations across the State of Tennessee to support technology transfer and innovation. The two-day event provided biomedical startups a chance to learn about SBIR/STTR funding opportunities from the brightest minds across the country. Attendees also had the opportunity to hear from local universities, incubators and life-science focused organizations about resources that are available to aspiring biomedical entrepreneurs as well as perspectives from successful NIH SBIR/STTR awardees.

The University of Memphis partnered with NIH for the event and Dr. Brian Evans, manager of Strategic Research initiatives, presented on academic resources for entrepreneurs at the University of Memphis highlighting the Patents2Products (P2P) program and the University of Memphis Research Foundation (UMRF). The UofM was one of many organizations across the state presenting, including Epicenter, Life Science Tennessee, Launch Tennessee, Jumpstart Health Investigators, University of Tennessee Health Science Center, Meharry Medical College, Vanderbilt University Medical Center and the Vanderbilt's innovation center the Wond'ry. The event also included a panel discussion with successful Tennessee based biotechnology companies who have received NIH SBIR/STTR funding including VoluMetrix, OculoTherapy and Yaya Scientific.

If you are interested in pursuing biotechnology commercialization or accessing entrepreneurial support services, please reach out to Dr. Brian Evans in the Division of Research & Innovation at bevans8@memphis.edu.



FedEx Institute of Technology Emerging Tech Training Microsoft Power BI

This course will discuss the various methods and best practices that are in line with business and technical requirements for modeling, visualizing and analyzing data with Power BI. The course will also show how to access and process data from a range of data sources including both relational and non-relational data. This course will also explore how to implement proper security standards and policies across the Power BI spectrum including datasets and groups. The course will also discuss how to manage and deploy reports and dashboards for sharing and content distribution.

OBJECTIVES

- Utilize the entire Microsoft BI stackConnect on-premise data sources to the cloud
- Build an enterprise Data Catalog to share queries
- Implement scorecards, dashboards and KPIs
- Analyze data with PowerPivot
- Integrate data from many different external data sources
- Implement effective, high-performing BI solutions
- Provide intuitive ad-hoc reporting for business users by implementing Power View

For more information or to register, contact Rami Lotay at rslotay@memphis.edu.



University of Memphis 2023 NSF REU COHORT PROGRAM

Interested faculty from across campus are invited to participate in the NSF Research Experience for Undergraduates (REU) Cohort Program sponsored by the Division of Research & Innovation. Similar to the highly successful NSF CAREER Cohort Program that is offered every year, NSF REU is designed to help faculty improve their chances of winning an REU and includes training, workshops, professional editing and review services. These awards support the participation of undergraduate students in faculty research in areas funded by the NSF.

Cohort Leader

Dr. Brian Evans
Manager of Strategic Initiatives
Division of Research & Innovation

To register, or if you have questions, email Dr. Brian Evans at bevans@memphis.edu.

July 24 | 1-2 PM

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