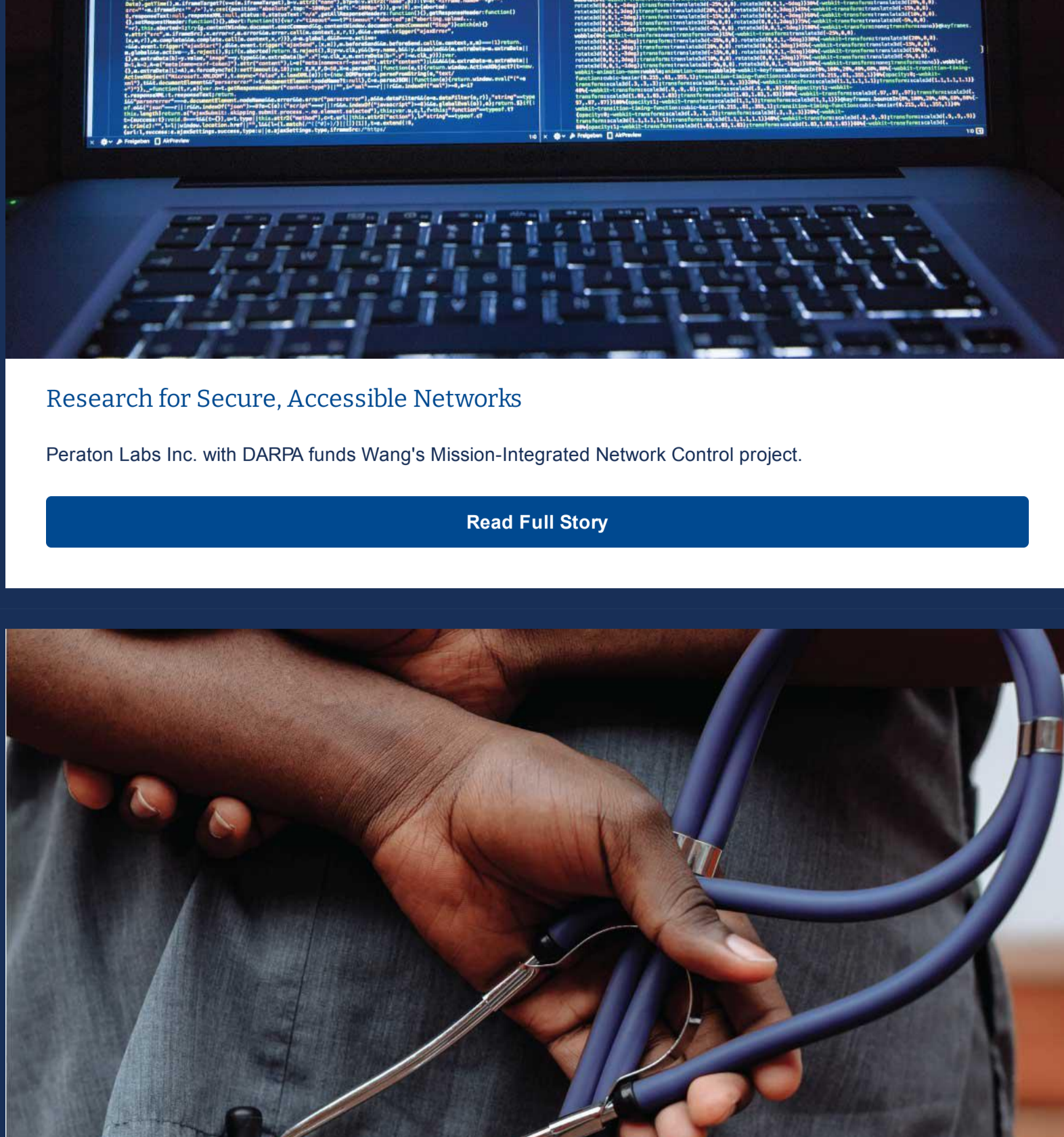




A Tennessee Flagship Carnegie R1 Research Institution

RESEARCH + INNOVATION

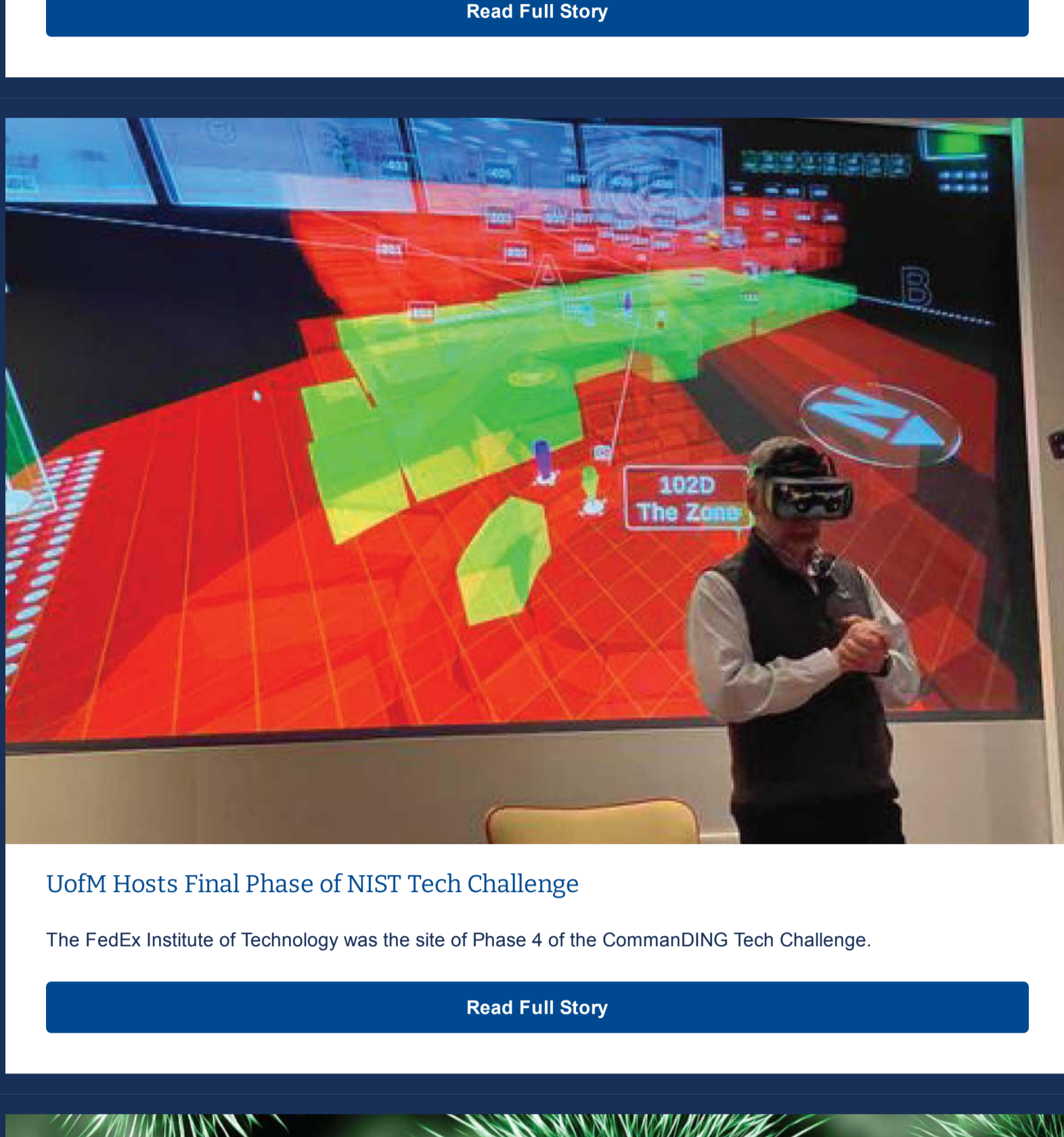
NEWSLETTER



Research for Secure, Accessible Networks

Peraton Labs Inc. with DARPA funds Wang's Mission-Integrated Network Control project.

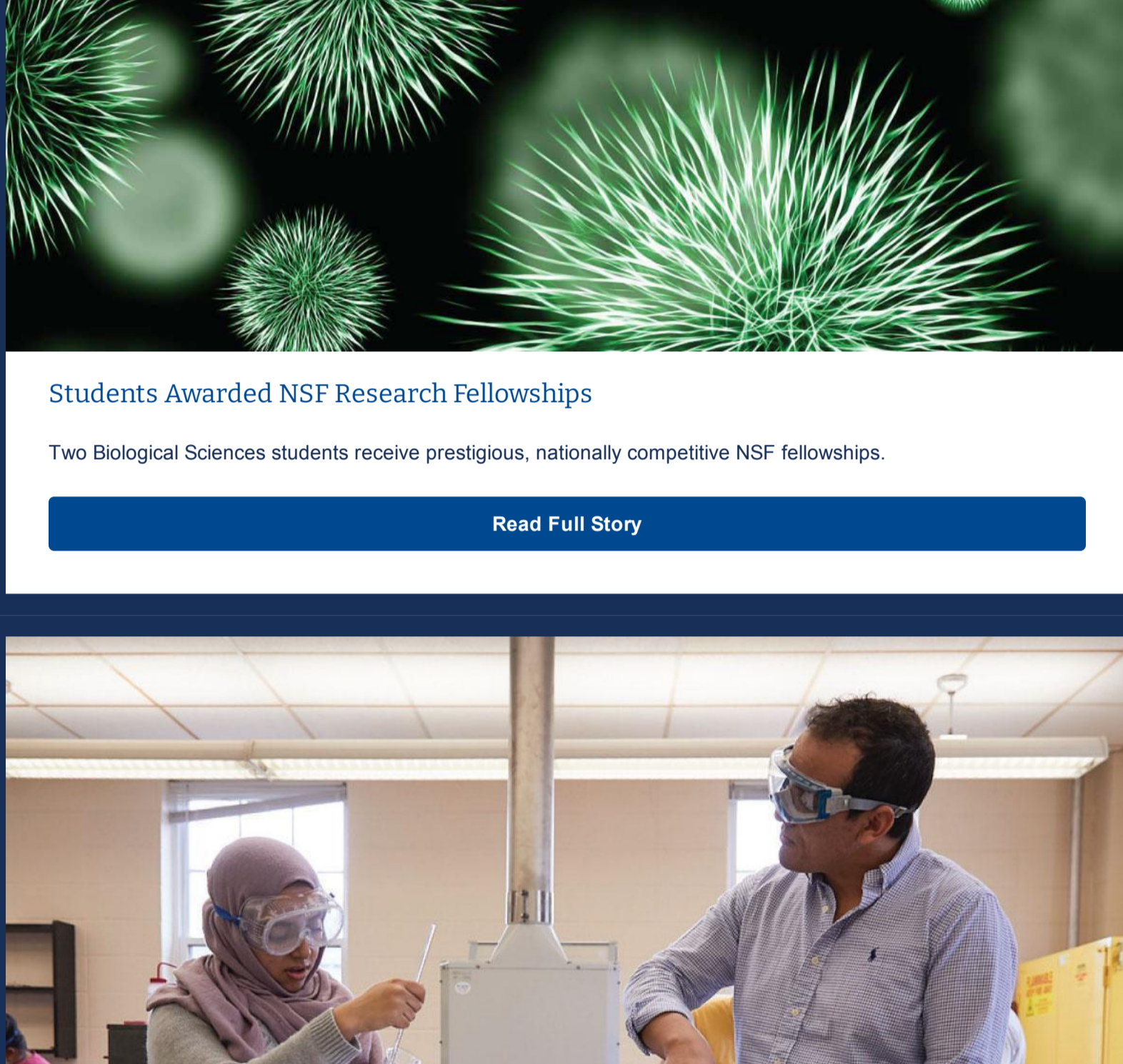
[Read Full Story](#)



UofM Receives Pair of Medical Patents

The patents focus on the prevention of inflammation and on fluorescence microscopy.

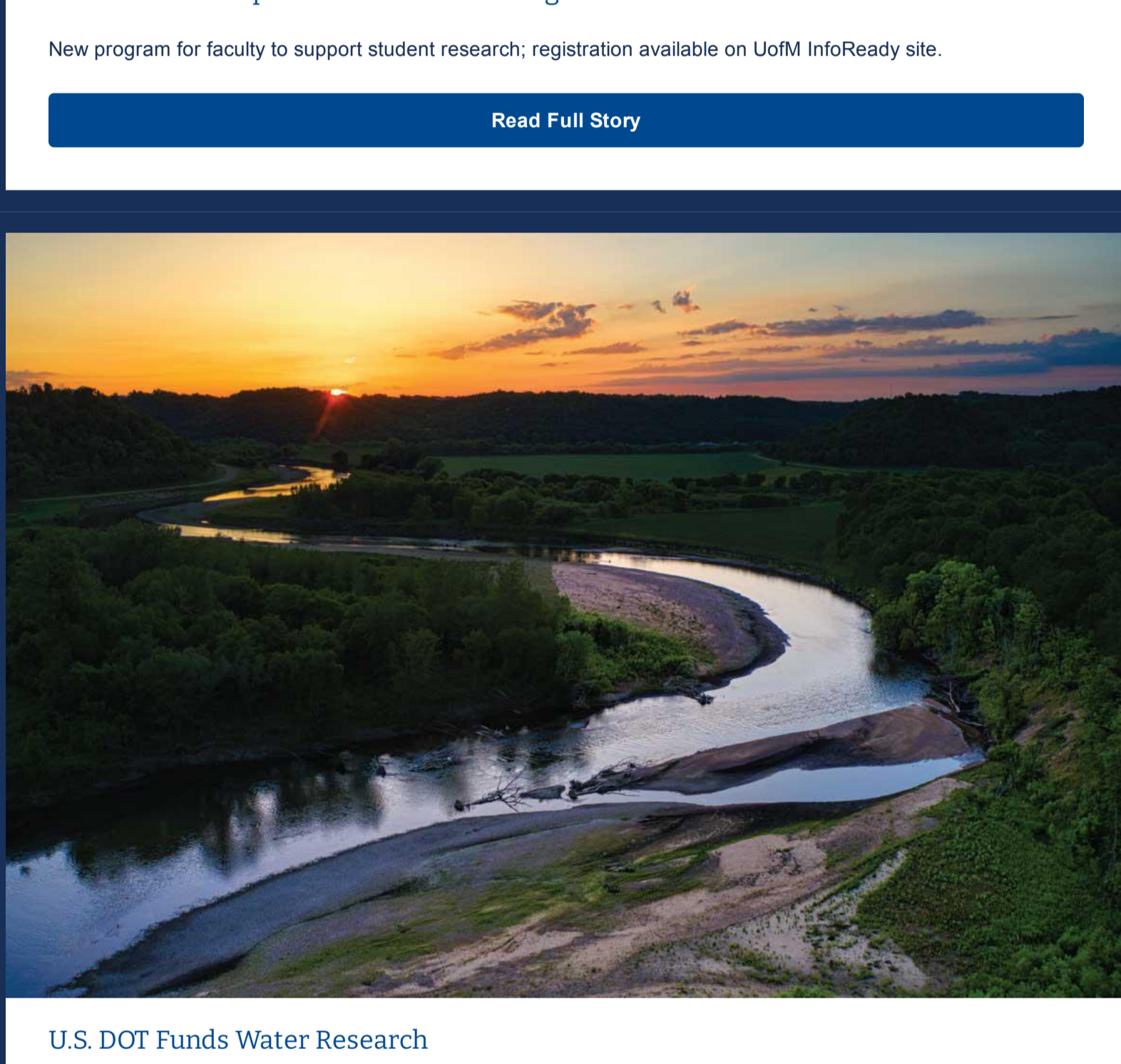
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UofM Hosts Final Phase of NIST Tech Challenge

The FedEx Institute of Technology was the site of Phase 4 of the CommandING Tech Challenge.

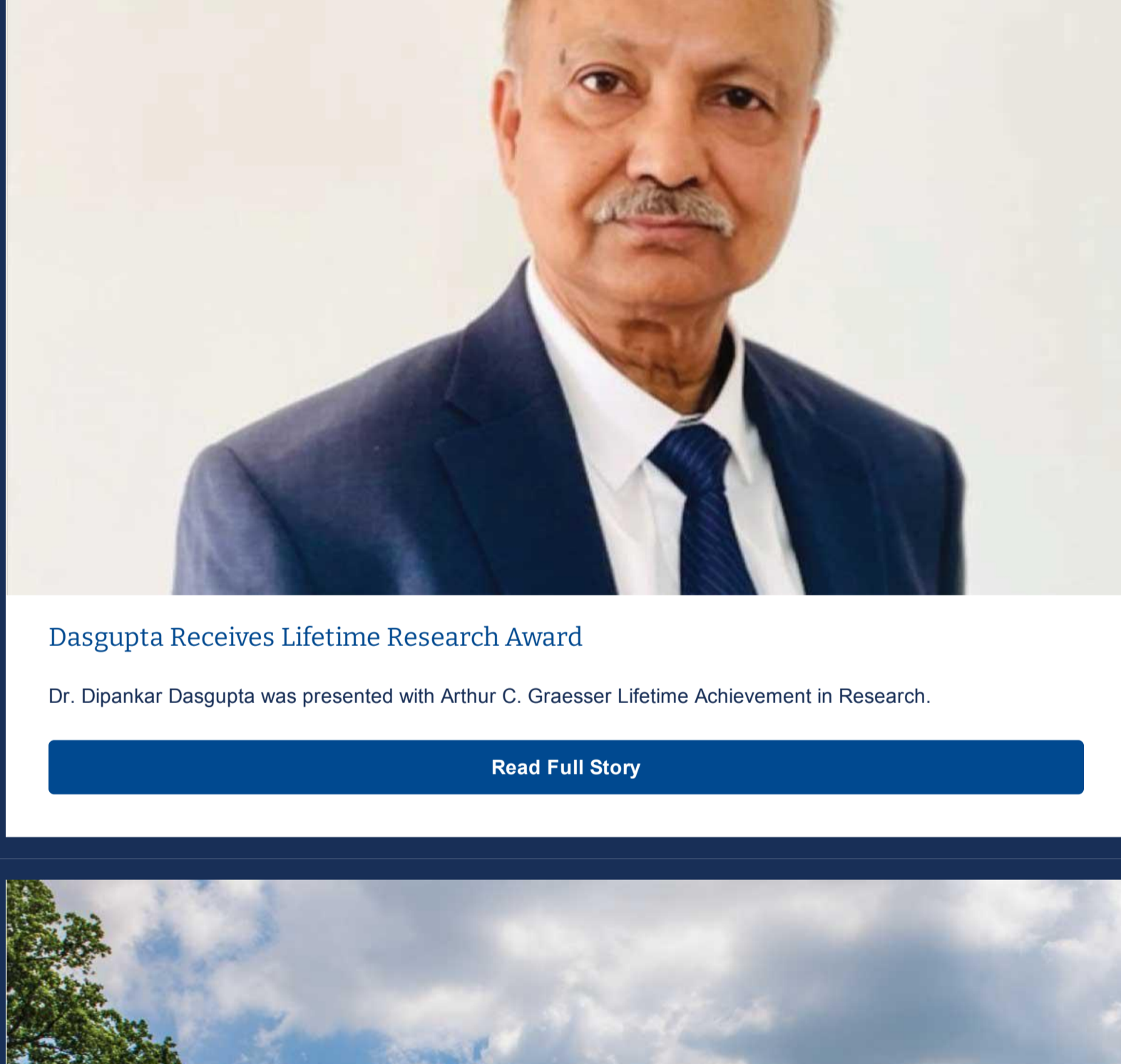
[Read Full Story](#)



Students Awarded NSF Research Fellowships

Two Biological Sciences students receive prestigious, nationally competitive NSF fellowships.

[Read Full Story](#)



NSF Research Experience Benefits Undergrads

New program for faculty to support student research; registration available on UofM InfoReady site.

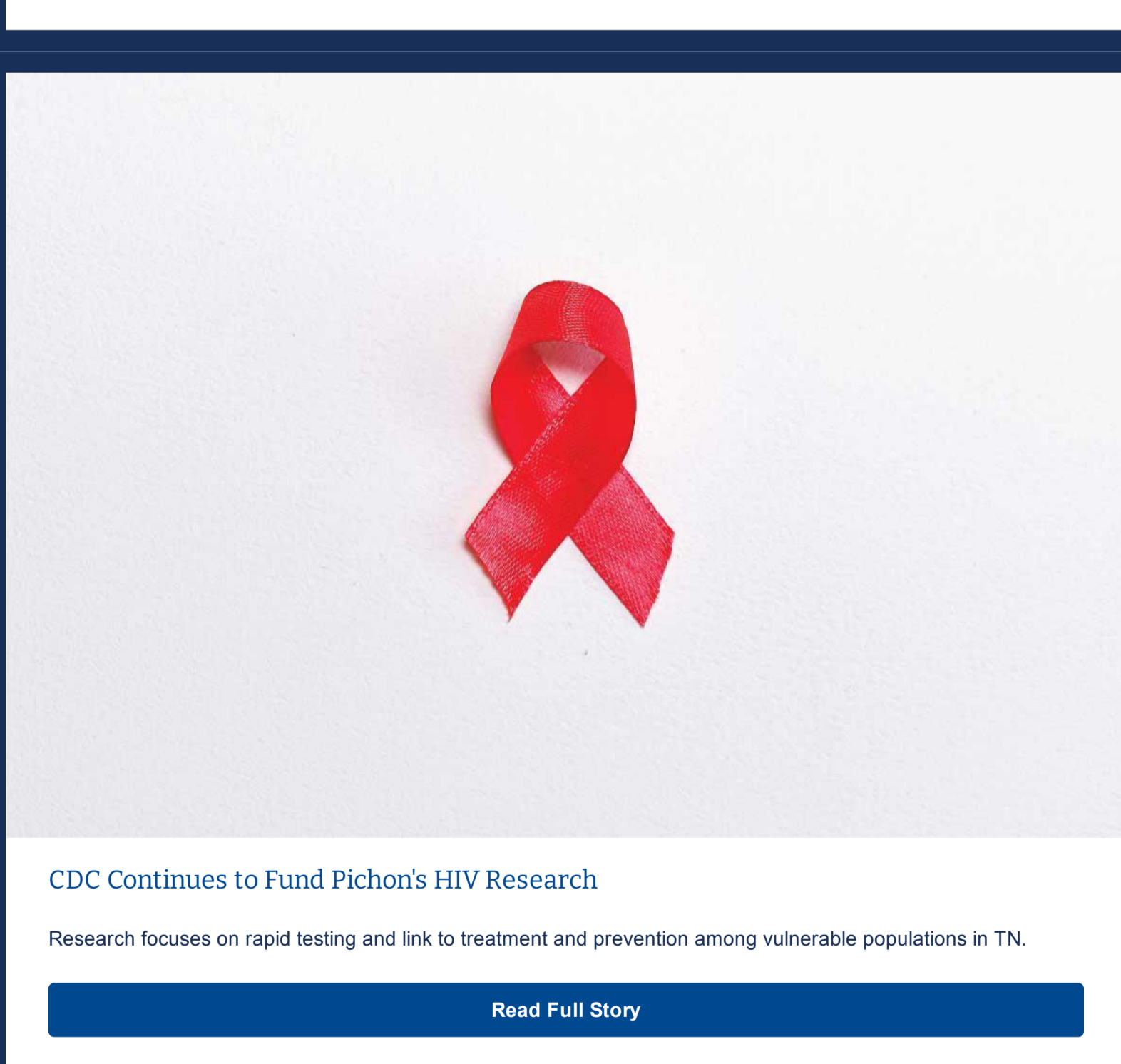
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U.S. DOT Funds Water Research

Golias will lead research that provides data analytics support and investment for inland waterways.

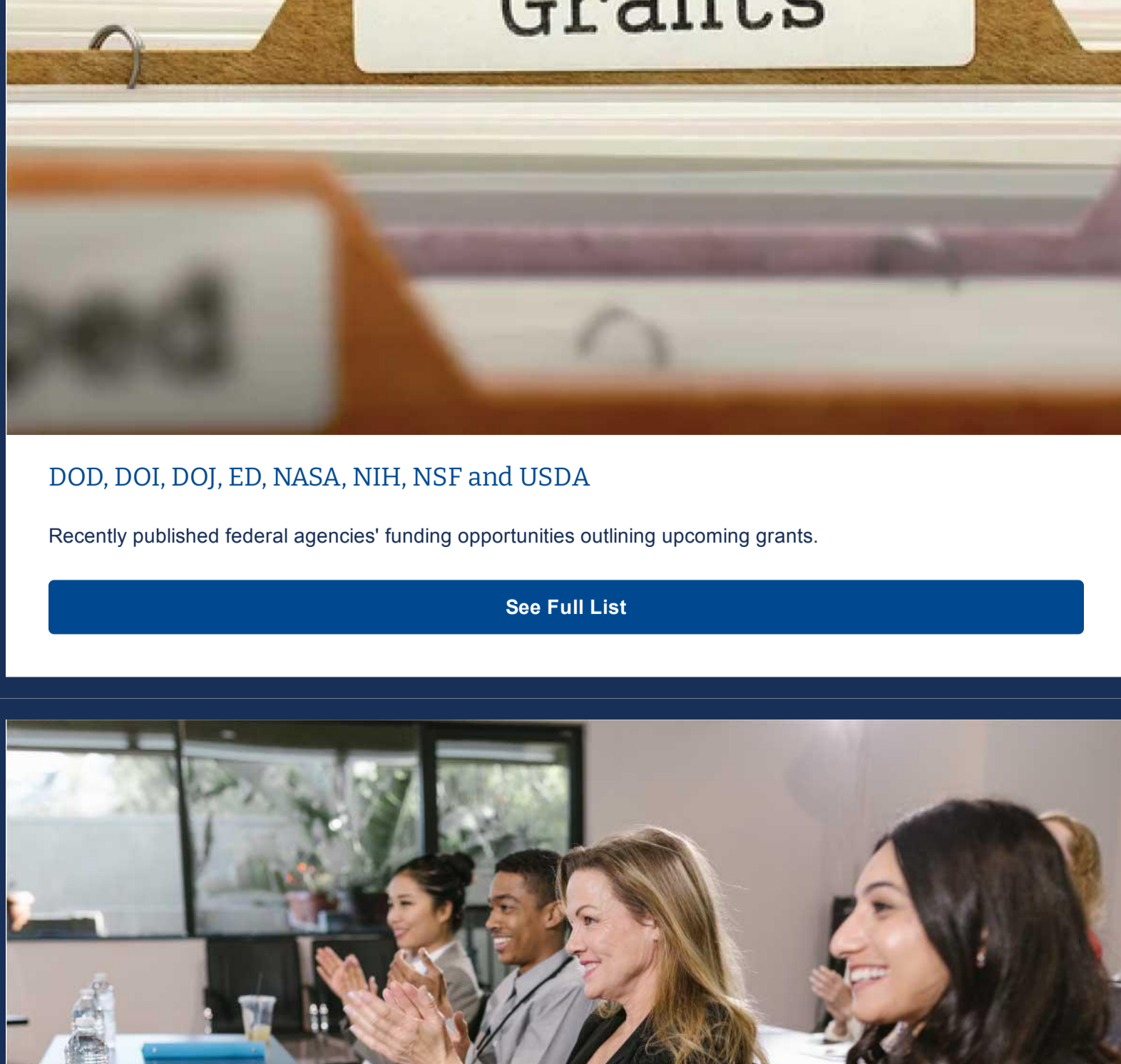
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Dasgupta Receives Lifetime Research Award

Dr. Dipankar Dasgupta was presented with Arthur C. Graesser Lifetime Achievement in Research.

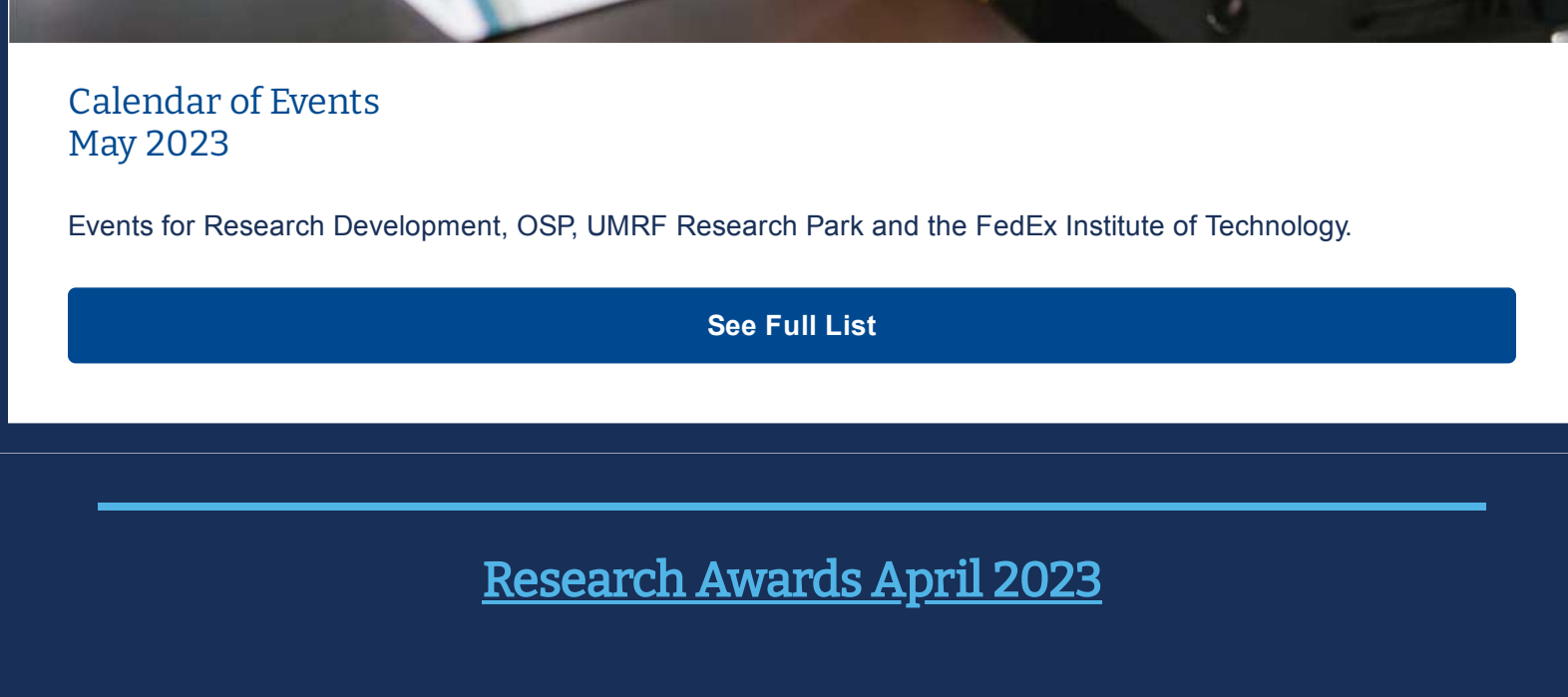
[Read Full Story](#)



Advancing Racially Equitable Policymaking

Research will apply critical lens to state policymaking around youth policies and outcomes.

[Read Full Story](#)



OPAM Coordinates Grant Support for Researchers

A joint initiative, the Office of Post-Award Management acts as a liaison and initial point of contact for PIs.

[Read Full Story](#)

CDC Continues to Fund Pichon's HIV Research

Research focuses on rapid testing and link to treatment and prevention among vulnerable populations in TN.

[Read Full Story](#)

DOD, DOI, DOJ, ED, NASA, NIH, NSF and USDA

Recently published federal agencies' funding opportunities outlining upcoming grants.

[See Full List](#)

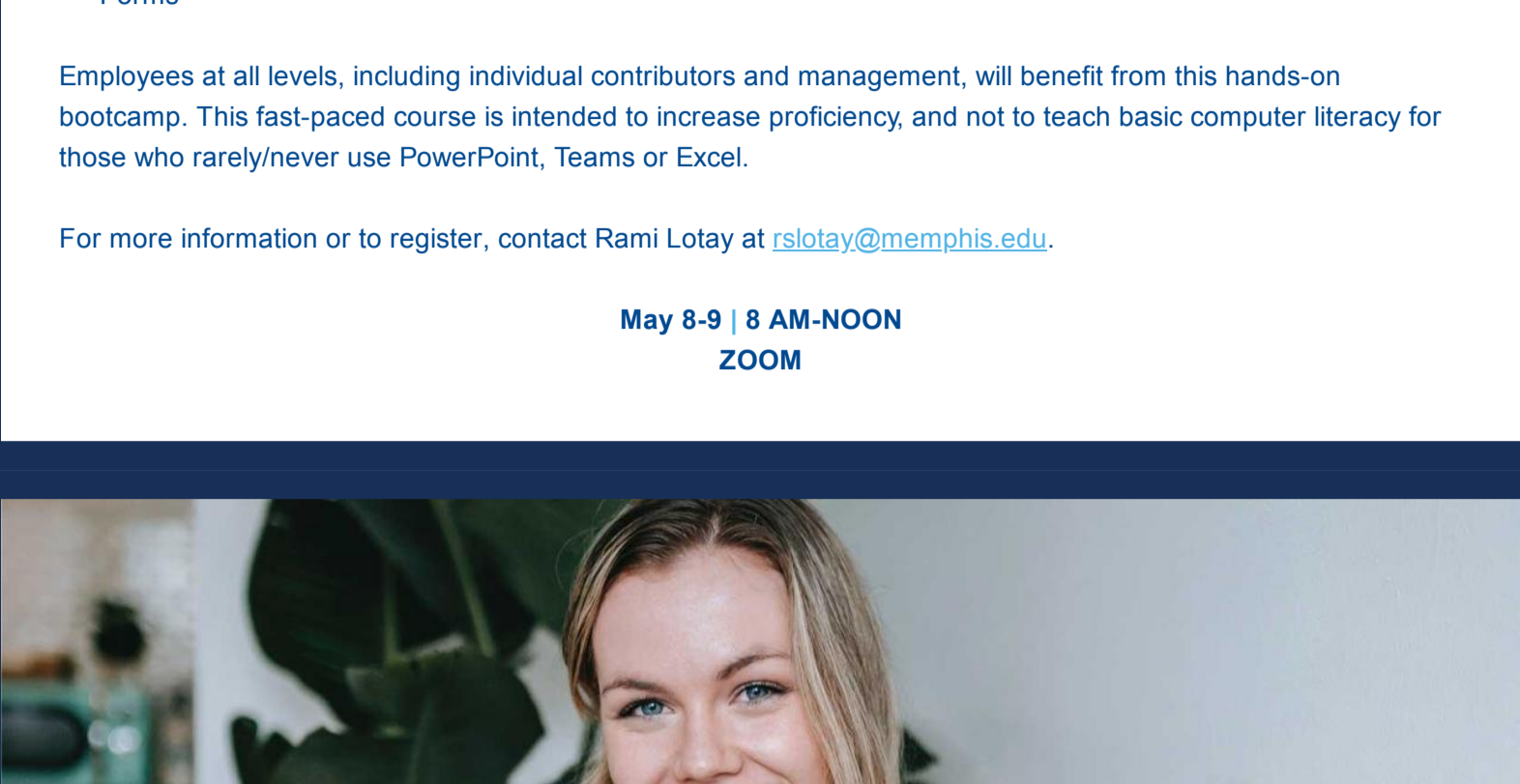
Calendar of Events May 2023

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

[See Full List](#)

- Dr. **Celia Anderson** awarded \$416,442 from the University of Tennessee-Knoxville with the Tennessee Department of Education.
- Dr. **Matthew Smeltzer** awarded \$416,442 from the Centers for Disease Control.
- Dr. **Gary Bowlin** awarded \$414,779 from the National Institutes of Health.
- Dr. **Latrice Pichon** awarded \$349,996 from the Centers for Disease Control (CDC) and \$35,700 from the State of Tennessee with the Centers for Disease Control.
- Dr. **Brian Waldron** awarded \$212,583 from Conch Technologies, Inc.
- Dr. **Thomas Goebel** awarded \$182,055 from the National Science Foundation.
- Dr. **Xiaolei Huang** awarded \$174,960 from the National Science Foundation.
- Dr. **Ali Fatemi** awarded \$163,000 from Hyundai Motor Company.
- Dr. **Shawn Brown** awarded \$114,647 from the University of Missouri with the National Science Foundation.
- Dr. **Santosh Kumar** awarded \$95,796 from the University of Utah with the National Institutes of Health.
- Dr. **Stephanie Ivey** awarded \$75,886 from Shelby County Schools.
- Dr. **John Sabatini** awarded \$59,407 from the U.S. Department of Education.
- Dr. **Thouraya Al-Nasser** awarded \$56,060 from the Paris Special School District.
- Dr. **Sabyasachee Mishra** awarded \$50,000 from the Memphis Area Transit Authority and \$40,000 from the University of Tennessee-Knoxville with the Tennessee Department of Transportation.
- Dr. **Gary Stinchcomb** awarded \$37,060 from Murray State University with the U.S. Department of Energy.
- Dr. **Maxime Paquette** awarded \$35,163.44 from New Balance.
- Dr. **Radesh Palakurthi** awarded \$30,000 from Hardeman County Schools with the University of Tennessee-Knoxville.
- Dr. **Russell Deaton** awarded \$30,000 from the Tennessee Department of Commerce and Insurance.
- Dr. **Amy Curry** awarded \$29,108 from the University of Tennessee Health Science Center.
- Dr. **Carolyn Kaldon** awarded \$25,000 from the Women's Foundation for a Greater Memphis.
- Dr. **Ryan Parish** awarded \$22,544 from the National Science Foundation.
- Dr. **Todd Zoblotsky** awarded \$18,599 from the Shelby County Office of Re-Entry with the U.S. Department of Justice.
- Dr. **Jose Lopez** awarded \$16,950 from the Russell Sage Foundation.
- Dr. **Myounggyu Won** awarded \$14,993 from The University of South Florida Board of Trustees with the National Security Agency.
- Dr. **Michael Hagge** awarded \$12,214 from the Tennessee Department of Commerce and Insurance.
- * Data reported the 18th of each month. Awards finalized after the 18th will be reported the following month.*
- Full project and award details available [Research Awards April 2023](#)

Upcoming Events



FedEx Institute of Technology Emerging Tech Training
Microsoft 365 Bootcamp

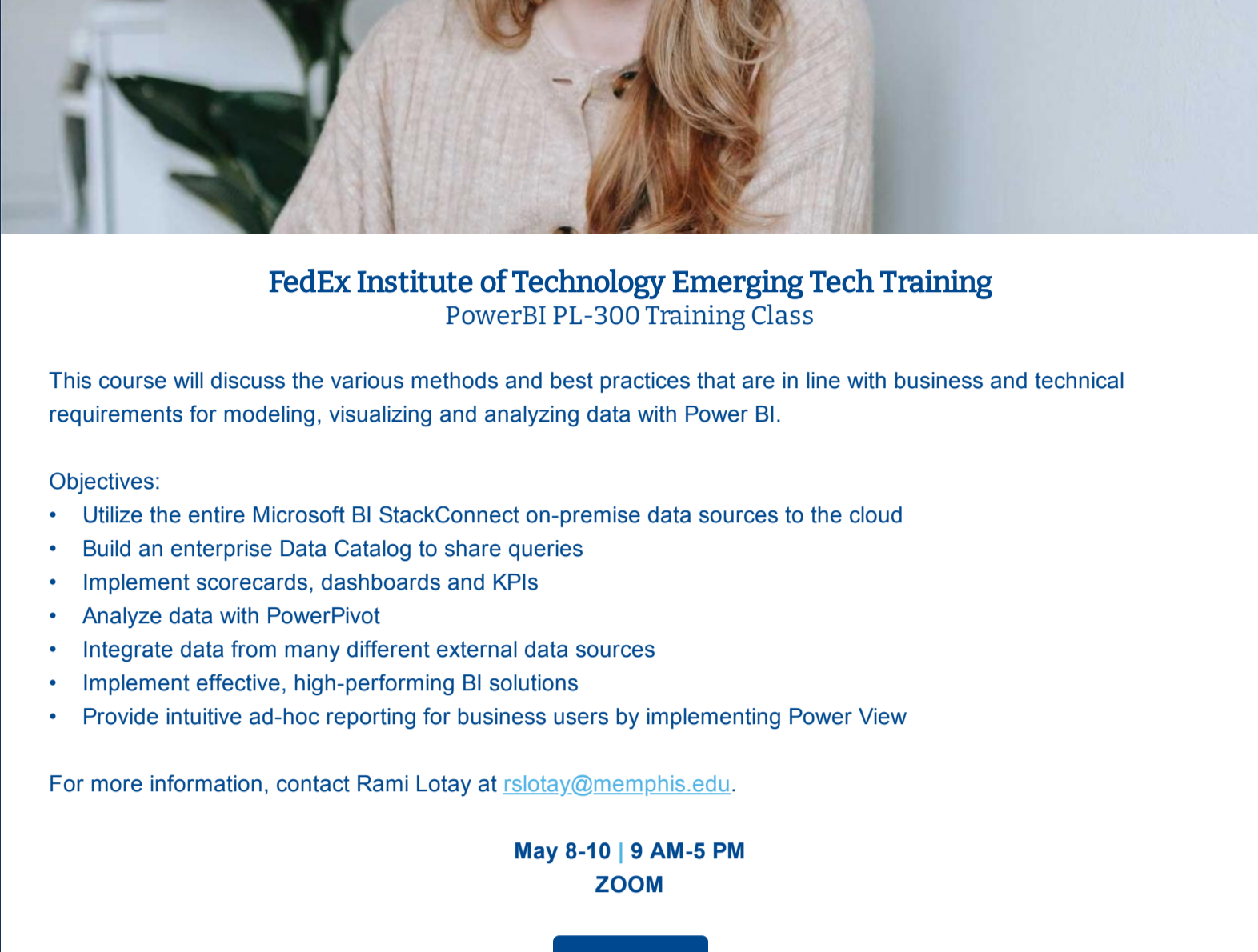
This hands-on, virtual bootcamp is driven by practical exercises across the most used Microsoft 365 tools:

- PowerPoint
- Excel
- OneNote
- Teams
- Forms

Employees at all levels, including individual contributors and management, will benefit from this hands-on bootcamp. This fast-paced course is intended to increase proficiency, and not to teach basic computer literacy for those who rarely/never use PowerPoint, Teams or Excel.

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

May 8-9 | 8 AM-NOON
ZOOM



FedEx Institute of Technology Emerging Tech Training
PowerBI PL-300 Training Class

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.

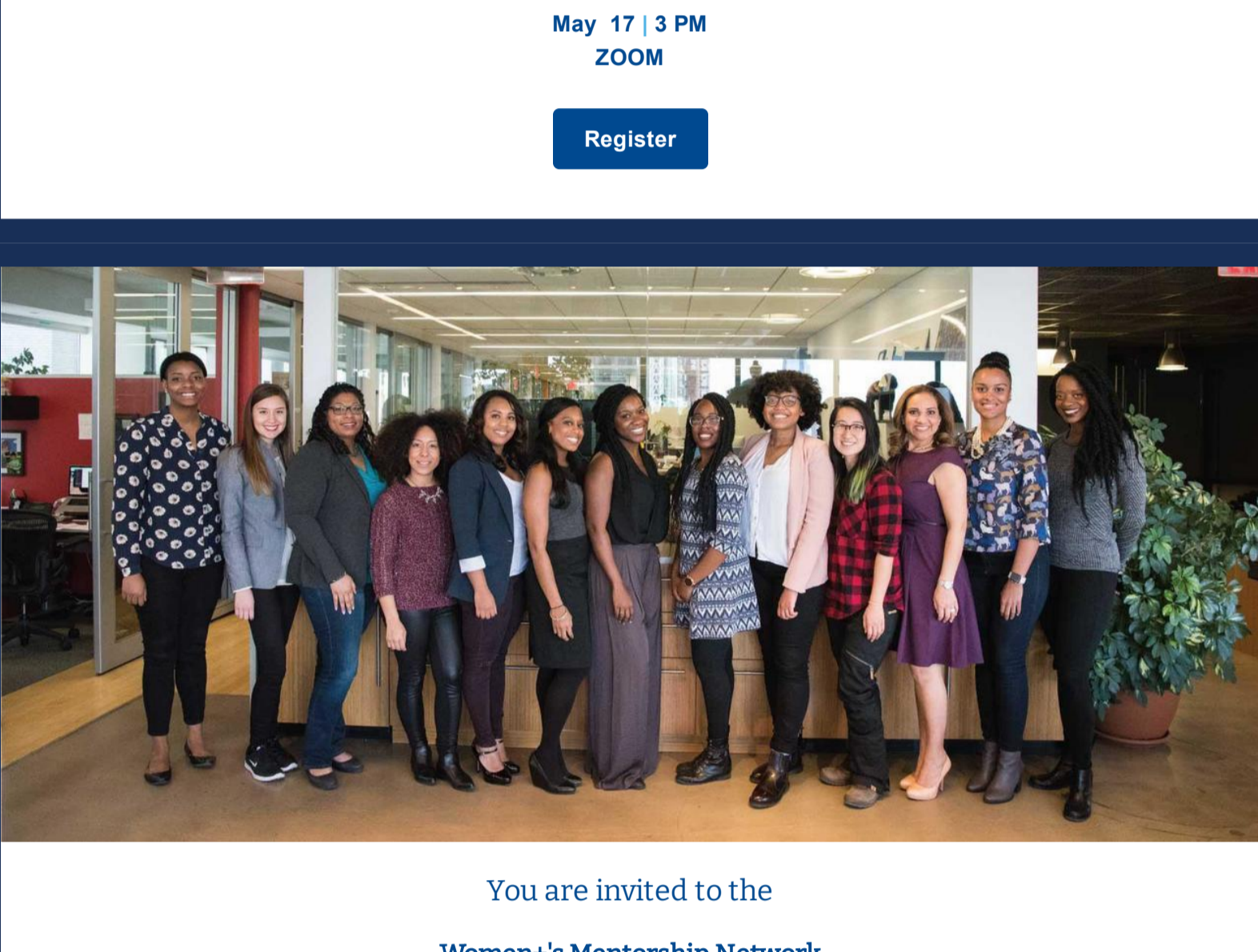
Objectives:

- 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, contact Rami Lotay at rlotay@memphis.edu.

May 8-10 | 9 AM-5 PM
ZOOM

Register



FedEx Institute of Technology Distinguished Speaker Series
featuring
Dr. Douglas Kothe
Director of the DOE's Exascale Computing Project (ECP)


Dr. Douglas B. Kothe, DOE's Exascale Computing Project, has more than three decades of experience in conducting and leading applied R&D in computational applications designed to simulate complex physical phenomena in the energy, defense and manufacturing sectors.

Previously Oak Ridge National Laboratory's (ORNL) deputy associate laboratory director for Computing and Computational Sciences, Kothe has also served as director of the Consortium for Advanced Simulation of Light Water Reactors, DOE's first Energy Innovation Hub (2010-15), and as director of Science at the National Center for Computational Sciences (2006-10).

Before joining ORNL in 2005, Kothe spent 20 years at Los Alamos National Laboratory, where he held a number of technical and line and program management positions, with a common theme being the development and application of modeling and simulation technologies targeting multi-physics phenomena characterized in part by the presence of compressible or incompressible interfacial fluid flow. He also spent a year at Lawrence Livermore National Laboratory in the late 1980s as a physicist in defense sciences.

May 17 | 3 PM
ZOOM

Register



You are invited to the
Women+'s Mentorship Network
Summer 2023 Grant Writing Incubator Workshop

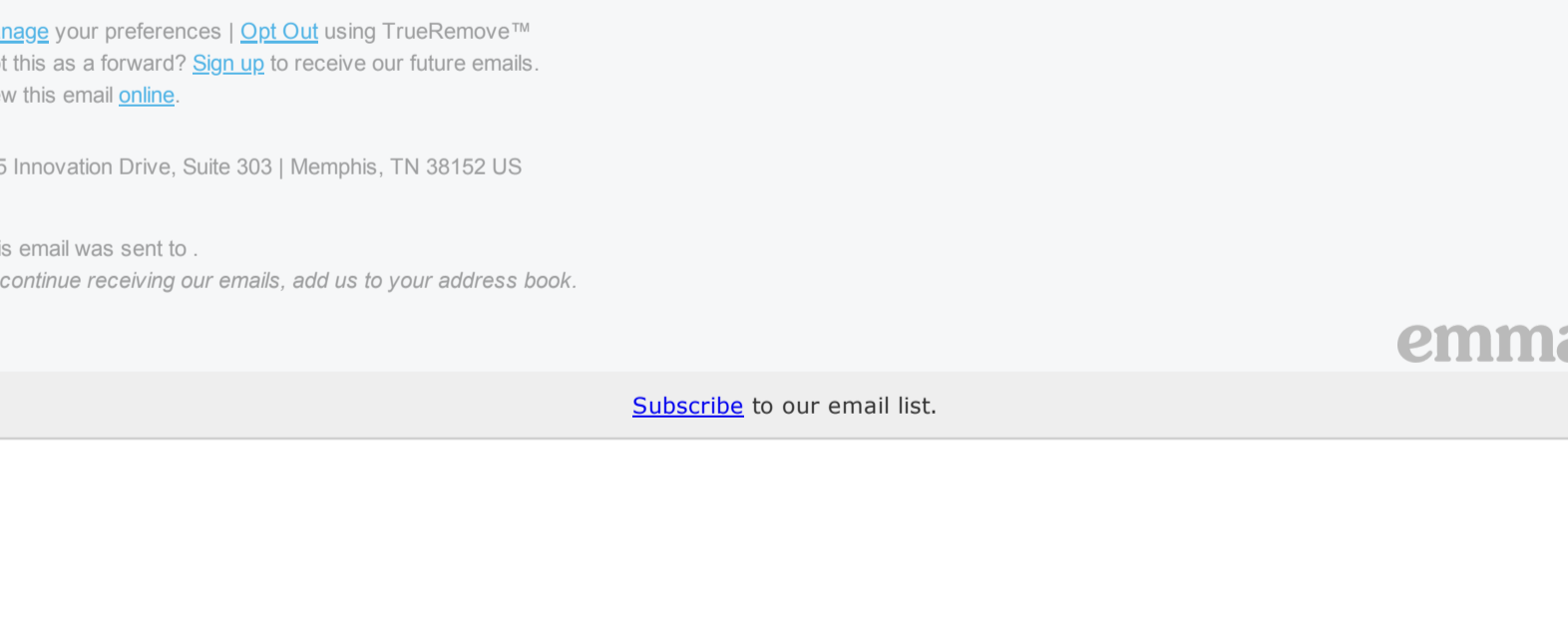
The goal of this grant writing incubator workshop is to prepare graduate students, junior faculty, new faculty (since 2019) to the UofM and new principal investigators (PIs) from any department to submit a funding proposal (either internal or external). By the end of the 10-week workshop, participants should have a complete (or near complete) proposal to submit.

Sponsored by the Office of the Provost, CAESER, Department of English, Institute for Intelligent Systems and the College of Education.

Questions? Email Dr. Leah Windsor at leah.windsor@memphis.edu or Dr. Leigh Williams at leigh.williams@memphis.edu.

For more information, visit MEMPHIS WOMEN+'S MENTORSHIP NETWORK website and the workshop webpage.

Register



University of Memphis
2023 NSF REU COHORT PROGRAM

Interested faculty from across campus are invited to participate in the inaugural 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

Registration deadline: May 31

Questions? Email Evans at bevans@memphis.edu.

Register



Call for Mobility Plus Project Proposals

The University of Memphis and the Czech Academy of Sciences have partnered to offer a new round of collaborative funding. Up to three awards will be made of \$37,500 (\$12,500 per year for three years) for projects designed to facilitate collaborative research between faculty at both institutions.

Deadline to Apply: June 12

Questions, contact the Research Development Office at researchdev@memphis.edu.

Proposal Details

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[Quick Guide to Research & Sponsored Programs](#)
[Research Compliance](#) | [Emerging Tech Training](#)
[FedEx Institute of Technology](#)

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