

INNOVATION NEWSLETTER RESEARCH. TECHNOLOGY. ACHIEVEMENTS.

April 2021 • COVID-19 Updates





THE UNIVERSITY OF MEMPHIS

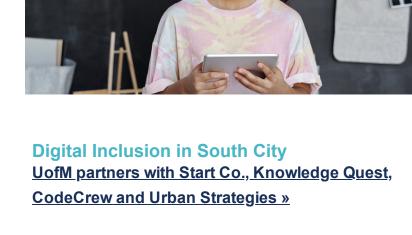
RESEARCH + INNOVATION MAGAZINE

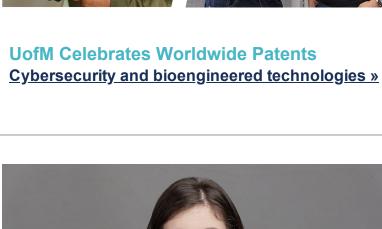
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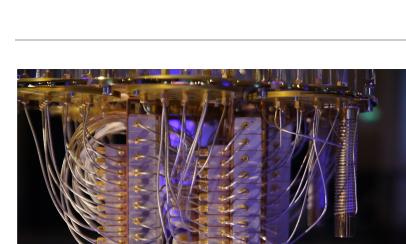








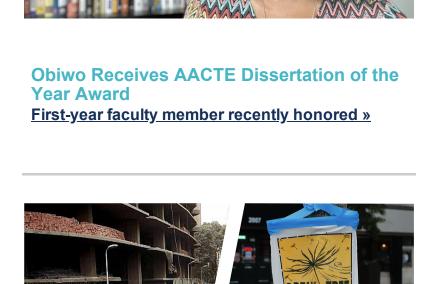
Doblas awarded NSF CAREER Award Developing innovative imaging system and advancing the field of optical engineering »



Modeling biochemical processes and improving

Applied Quantum Computing

data science workflows »



FROM

Graduate Student Research Spotlight April 2021

Highlighting research projects focused on the

Syrian revolution and research on alternative

fuels »



Statisticians also welcome. (Instructor – Dr. Cody Behles)

Join us to learn how to pursue funding with the Department

of Defense. A basic primer on the process and differences

from National Institutes of Health/National Science Foundation. (Instructor – Dr. Cody Behles) April 7 | 2:30 PM | Microsoft Teams

* For a calendar invite to any training, contact

April 5 | 1 PM | Microsoft Teams

Navigating the DoD

yuelin.z@memphis.edu.

2021 Winnie Veenstra Peace Lecture

and the Ethics of Economic Sanctions"

Sanctions not only often fail to achieve their stated

objectives, but also bring about significant negative

externalities in target countries. Given these serious

are ethically problematic tools of foreign policy.

in advance.

shortcomings, Dr. Dursun Peksen posits that sanctions

Join Peksen, Dunavant Professor in Political Science at

the University of Memphis, Monday, April 5 at 5:30 p.m.

for the Western Michigan University Ethics Center's 2021 Winnie Veenstra Peace Lecture. Register here for Zoom

"Political Effectiveness, Negative Externalities

Are economic sanctions morally acceptable policy tools?

Survey on Grantwriting and Mentorship New study seeks to address gaps in the mentorship pipeline The "hidden curriculum" is the set of unwritten rules and norms that help scholars advance in academia, and learning to write grants is part of it. Getting external funding and competing for internal funding is increasingly expected in the social sciences and humanities, yet there

is a mentorship gap between faculty and students,

between early career faculty and senior faculty, and

and teach — how to write grants.

between the social sciences and humanities and offices

of sponsored projects. This project seeks to help better

As an incentive and to compensate for your time and

understand the lay of the land, and how scholars learn —

labor, the chance to win one of two \$25 Amazon gift cards

will be selected at random. All survey responses will be

anonymous and we will not collect IP addresses. You will

be taken to a separate link if you want to be considered for the gift cards. Click on this **link** to take the survey: For more information, contact Dr. Leah Windsor at lcwells@memphis.edu. **Compliance Corner April 2021**

Financial Conflict of Interest Disclosure Reminder: The executive vice president's annual solicitation for

Financial Conflict of Interest Disclosure was sent in

March. If you receive or intend to receive sponsored

funds, you must disclose annually. Additionally, you are required to complete the Conflict of Interest course at <u>citiprogram.org</u> every four years. The disclosure form requires only that you disclose financial interests that are related to your University responsibilities.

For additional information, visit the Financial Conflicts of Interests webpage.

Chair of Excellence in the Department of Urban Education, was awarded

Dr. Beverly Cross, Lillian and Morrie Moss

Awards March 2021

\$100,000 from the Tennessee Board of Regents for her project "Employing Open **Educational Resources** and Digital Education Initiatives to Infuse Diversity, Equity, and Inclusion into the Curriculum and **Educational Support** Services to Enhance Student Success." Dr. Russell Deaton, Kanuri, professor in the Department of Electrical and Computer

Academic Affairs and Administration, was awarded \$30,000 the Tennessee Department of Commerce and Insurance for his project "State A/E Board Grant." Dr. Michael Hagge, professor and chair of the Department of Agriculture, was awarded \$20,730 from

the Tennessee

Engineering and associate dean of

Department of Commerce and Insurance for his project "A + E Board Grant Funds." Dr. Minhae Cho, assistant professor in the Department of Social Work, was awarded \$13,519 from the Regents of the University of Minnesota with the

Annie E. Casey Foundation from her

sweetbic

project "Moral Injury in Youth and Young Adults." Dr. Kevin Berisso, assistant professor and AutoID lab director in the Department of Engineering Technology, was awarded \$10,000 from Siemens Corporation-Corporate Technology with the Advanced Robotics for

Manufacturing Institute for his project "ARM Call for Technology Projects (ARM-TEC-20-01)." Dr. Ashley Batastini, assistant professor in the Department of Counseling, Educational Psychology and Research, was awarded \$185.586 from the

University of Mississippi

Medical Center with the

Health Resources and Services Administration

for her project "Enhancing Mental Healthcare for Justice-Involved Persons through Virtual Technologies." Dr. Amanda Edgar, assistant professor in the Department of Communication and Film, and Dr. Andre Johnson, associate professor in the Department of Communication and Film, were awarded \$7,715 from the National

Communications Association for their project "Black Lives Matter: Perspectives from the Ground.

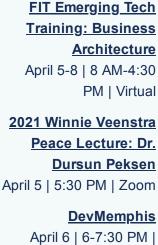
* Data reported the 18th of each month. Awards finalized after the 18th will be reported the following month. Research + Innovation <u>News</u> Quick Guide to Research & Sponsored Programs Research Compliance

Institute News

FedEx

MEMPHIS.

Research Clusters **Emerging Tech Training**



Virtual

Lifespan April 6 | NOON-1 PM | Virtual **Machine Learning/Data** Sciences/R

TeleHealth Webinar: Breaking Barriers to

Literacy Across the

Power BI Adoption Strategies April 8 | 5:30-6:30 PM | Virtual **TeleHealth Webinar:** Amblyaudia - How to

diagnose and treat

April 8 | NOON-1 PM |

with a short-term

Intervention

Virtual

April 11 | 1-3 PM | Virtual FIT What's Next: Dr. **Aaryani Sajja** April 12 | NOON-1 PM | Virtual

FIT Emerging Tech

Change Management

April 13-15 | 8 AM-4:30

FIT Emerging Tech

Training: Power BI

April 13-15 | 8:30 AM-

Organizational

Training:

PM | Virtual

2:30 PM | Virtual **Memphis Web Workers** April 13 | 6-8 PM | Virtual Memphis M365 April 15 | 3-5 PM |

FIT Emerging Tech **Training: DevSecOps** April 16 | 8:30 AM-

Virtual

April 19 | 6:30-8:30 PM | Virtual Memphis .NET April 22 | 6-8 PM | Virtual

Memphis Agile

FIT What's Next:

Virtual

Baker

Virtual

UX/UI Bytes

April 22 | 6-7:30 PM |

April 23 | NOON-1 PM |

Intro to Syncfusion Essential Studio Memphis Xamarin April 27 | 6-8 PM | Virtual

April 23 | 11:30 AM-

12:30 PM | Virtual

FIT What's Next: Ramhari Thapa April 28 | NOON-1 PM | Virtual

April 6 | 7-8 PM | Virtual **FIT Emerging Tech Training: Agile** Coaching April 6-8| 8:30 AM-2:30 PM | Virtual

Code Together | A free community coding session

NOON | Virtual **Memphis Game Developers** April 17 | 6-8 PM | Virtual **Memphis Python**

Code Co-op | Coding **Help & Hack Night** April 27 | 6:30-8 PM |

Virtual

MemphisPHP

April 27 | 6:30-8 PM |

For the latest news and economic development initiatives at the

research park, visit the

Research for the newsletter? <u>Contact</u>

website »

EMERGING RESEARCH TECH TALKS **APRIL 12 | NOON-1 PM APRIL 16 | NOON-1 PM** How are Your Boys & Men Doing? Quantitative Imaging; Magnetic

Resonance Imaging; Image Processing & Analysis; Data Modeling & Extraction; FIT-SPH Telehealth Series Medical Imaging and Physics; Iron & Fat Quantification Dr. Aaryani Sajja

APRIL 23 | NOON-12:30 PM

Analysis and Characterization of

Bioactive Lipids and their Roles in

Human Biochemistry and Disease

Dr. Daniel Baker

FedEx NSTITUTE OF ECHNOLOGY

Dr. Ramhari Thapa

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APRIL 28 | NOON-1 PM On-going Research Initiatives at the Center for Biodiversity/Mandel Lab



