



THE WEEKLY

Dear Colleagues,

Don't miss the opportunity to apply for the [IDIA P3 Faculty Fellowship Program](#). We are looking forward to reviewing your applications.

For questions, please email: IDIA2@gmu.edu

The deadline is **March 27, 2023, by 11:59 pm EST**.

More information is available [here](#).



STUDENT OPPORTUNITIES

Data Center Discovery Zone

Data Center Discovery Zone
March 25, 2023
8 a.m. - 1 p.m.
Sterling, VA

EXPLORE Data Center Careers

VARIOUS OPPORTUNITIES

Accelerate Smart Cities Innovation Challenge

ACCELERATE Smart Cities Innovation Challenge 2023

Kickoff Event: April 10
 Challenge: April 10 - May 25
 Finale Live Pitch Event: May 25

Register to compete today!

The Accelerate Smart Cities Innovation Challenge brings together industry experts, innovators, and startups to support smart region solutions. Over 6 weeks, teams create innovative, high-impact solutions while hearing from and collaborating with sector experts and mentors. In addition, the Challenge creates connections among key elements of the startup ecosystem. It provides a novel way for municipalities to pilot cutting-edge technology solutions in priority policy or program areas.

Registration Deadline: **April 10, 2023**

Register [here](#).

More information is available [here](#).

Earth System Observations and Modeling Graduate Symposium

4TH EARTH SYSTEM OBSERVATIONS AND MODELING GRADUATE SYMPOSIUM

APRIL 21, 2023

GEORGE MASON UNIVERSITY • FAIRFAX, VIRGINIA

This year's symposium will be IN-PERSON!

CALL FOR ABSTRACTS

SUBMISSION DEADLINE: MARCH 31, 2023

The Center for Ocean-Land-Atmosphere Studies (COLA) and the Department of Atmospheric, Oceanic and Earth Sciences (AOES) invite masters and doctoral students from the Mid-Atlantic states to share their research. This year's theme is **Earth's Changing Climate, Weather, and Their Impacts**.

Featuring

- Keynote speakers
 - ⇒ Dr. Jessica Whitehead (Old Dominion University)
 - ⇒ Dr. Dev Niyogi (University of Texas)
- Oral and poster presentations
- Career panel with Earth Sciences professionals

Don't have anything to present? Just come and join us!

Registration through **April 14**

Event website: <https://tinyurl.com/49haxw56>

Contact esomsym@gmu.edu

AOES department Website: <https://www.aoes.gmu.edu>

Amazon Cloud Security Assurance & Careers

MEET THE TECH EXEC

AMAZON CLOUD SECURITY ASSURANCE & CAREERS

WEDNESDAY, APRIL 12
2:00 P.M. - 4:00 P.M.
JOHNSON CENTER CINEMA

WITH PAUL HONG AND KEVIN DONOHUE, AWS CLOUD ASSURANCE

DETAILS AT CARE.GMU.EDU

C-RASC Lunch & Learn Series

C-RASC Lunch & Learn Series:

Exploring Social Media Data on the COVID-19 Pandemic and Infodemic Through COPE-ID

Thursday, March 30, 2023
 12:00-1:00PM ET

Free Registration:
<https://bit.ly/3ZpO7nX>

Dr. Megan Stubbs-Richardson
 Assistant Research Professor and Director of the Data Science for Social Sciences Laboratory (DS3) at the Social Science Research Center, Mississippi State University

MITRE Capstones Project Portal

As part of its University Innovation Exchange (UIX) initiative, MITRE is partnering with universities to offer technical advisors and capstone project ideas that reflect real problems facing the United States government. The MITRE Capstones Project Portal is a web-based platform for university faculty and students to browse, select, and execute capstone projects with a MITRE technical advisor. There are several exciting opportunities currently on the Project Portal.

The complete list is available [here](#).

Launch of Mason Living Labs

Join the online launch event of Mason Living Labs! The Living Labs concept encourages and supports students, faculty, and staff to pose questions, experiment, gather data, monitor changes, and propose novel solutions to various sustainability challenges associated with the George Mason University campus environment and its socio-environmental systems.

Event: **2:00 pm - 3:00 pm EST**

Register [here](#).

FY 2024 ORAU-Directed Research and Development Program

Call for Collaborations

ODRD projects are joint collaborations between ORAU and university researchers, designed as seed projects to attract ongoing research funding. ORAU researchers lead the effort as Principle Investigators and are responsible for initiating and proposing the project. Funding for awarded projects is shared between both parties, and projects must be completed in one year. The period of performance is October 1, 2023 – September 30, 2024. The FY24 ODRD research areas are Climate and Environment, Health Equity, and Future of the STEM Workforce. To facilitate new partnerships between ORAU and university researchers, we invite university faculty to submit a collaboration request [here](#).

Partnership Request Deadline: **April 2, 2023 by 11:00 pm EST**

Proposal Deadline: **June 2023**

More information is available [here](#).

Advanced Research Projects Agency for Health (ARPA-H) Open-Office Broad Agency Announcement (BAA)

ARPA-H has identified four initial focus areas that are a priority for investment: Health Science Futures, Scalable Solutions, Proactive Health, and Resilient Systems, as well as targeted investments in tools that enable quantitative measurements of health outcomes, promote end-user adoption, facilitate participatory research, and advance relevant Ethical, Legal, and Societal Implications (ELSI) topics.

To receive funding, efforts must align with ARPA-H's mission to accelerate better health outcomes and undertake research that cannot otherwise be pursued within the health funding ecosystem due to the nature of the technical risk.

More information is available [here](#).

U.S. Department of Energy's Office of Technology Transitions Fellowship

Help build a clean energy future and enable the commercialization of exciting new technologies with a career in the U.S. Department of Energy's (DOE) Office of Technology Transitions (OTT). At OTT, programs, tools, and funding are available to advance groundbreaking scientific discoveries and commercialize transformative technologies within the research, development, demonstration, and deployment continuum.

Deadline: **March 31, 2023**

Learn more about these opportunities [here](#).

2023 ORIEI Seed Funding Opportunities

The Office of Research Innovation and Economic Impact (ORIEI) is excited to announce two new seed funding opportunities. Full details for each opportunity are linked below and will be posted soon on the [Research Development website](#).

The recorded informational Q&A session from March 8 will be posted on the website.

For questions or concerns, please email: resdev@gmu.edu

Seed Funding Opportunity Highlights:

Building the Foundation – Early Stage Research Seed Funding

Deadline: **March 31, 2023**

Multidisciplinary Research Seed Funding Initiative

Deadline: **April 7, 2023**

AWARDS

Congratulations to:

Zeng, Qiang from the [College of Engineering and Computing](#) for receiving the National Science Foundation grant on *CAREER: Towards Secure and Usable IoT Authentication Under Constraints*.

Moller Ferreira, Celso from the [College of Engineering and Computing](#) for receiving the Environmental Protection Agency grant on *Septic to Sewer?: Justice-focused strategies for addressing coastal septic failures under sea-level rise and increased flooding*.

Raz, Ali Khalid from the [College of Engineering and Computing](#) and Co-PI **Vollmecke, Eric W.** for receiving the U.S. Department of Defense grant on *Integrated Photonics for Sustained Operations*.

Vollmecke, Eric W. from the [College of Engineering and Computing](#) for receiving the U.S. Department of the Air Force grant on *S4F/CDM USCYBERCOM Operations & Maintenance Support*.

Cleave Rachel from the [Division of Enrollment Management](#) and Co-PI **Kirwan, Sydney Jacqueline** for receiving the U.S. Department of Education grant on *Campus Visit Pilot Program for Grades 6-8*.

Seshaiyer, Padmanabhan from the [College of Science](#) for receiving the National Aeronautics and Space Administration grant on *Asteroid Science, Technology and Exploration Research Organized by Inclusive eEducation (ASTEROID) Teacher Professional Development Program*.

FUNDING OPPORTUNITIES

[Environmental Convergence Opportunities in Chemical, Bioprocessing, Environmental, and Transport Systems \(ECO-CBET\)](#)

Deadline: **September 17, 2023**

[Smart and Connected Communities \(S&CC\)](#)

Deadline: **April 1, 2024**

IDIA AFFILIATION

Did you know that, as an IDIA faculty affiliate, you are eligible to:

Compete for [internally funded IDIA projects](#)

Receive support for [IDIA-relevant events](#)

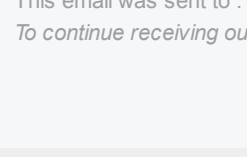
Become part of the [dynamic multidisciplinary faculty network](#) focused on digital techniques and technologies to advance fields as diverse as finance, education, built infrastructure, science, economics, agriculture, health, transportation, entertainment, national security, and social justice.

There is no financial burden to you or your departments for affiliation with the institute. Participation in IDIA does not prevent its members from being associated with other university centers. If you are not already affiliated, we encourage you to submit your profile [here](#).

SHARE WITH US

We are eager to hear from you! As we work with your colleges to compile updates on digital innovation-related research activities at Mason, we would love to hear about your research activities, awards, and recent publications. Please share any successes, concerns, or ideas with us at idia2@gmu.edu

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