



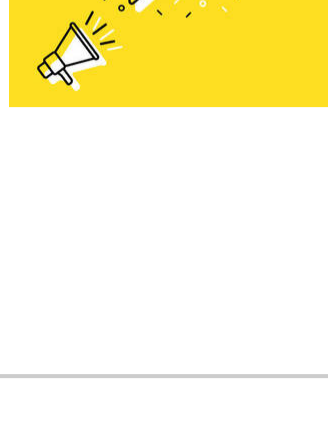
# THE WEEKLY

The [Institute for Digital Innovation \(IDIA\)](#) invites full-time George Mason University Ph.D. and M.S. students to apply for the competitive IDIA Predoctoral Fellowship Program. An IDIA predoctoral fellowship includes a GRA AY stipend, tuition, and healthcare for up to three years.

Student applicants are encouraged to reach out to and form an interdisciplinary team of faculty mentors across the Mason ecosystem and propose an ambitious, interdisciplinary, convergent research agenda that aligns with IDIA's mission of catalyzing cutting-edge computing research that shapes the future of our digital society and promotes equality, well-being, security, and prosperity.

Application Deadline: **May 1, 2023 by 11:59 pm EDT**

More information can be found [here](#).



## VARIOUS OPPORTUNITIES

### Accelerate Smart Cities Innovation Challenge



The Accelerate Smart Cities Innovation Challenge brings together industry experts, innovators, and startups to support smart region solutions. Over six 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 community. 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

**4<sup>TH</sup> 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/49haxws6>**

Contact [esomsym@gmu.edu](mailto:esomsym@gmu.edu)

AOES department Website: <https://aoes.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/3ZpC7nX>

**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

Center for Resilient and Sustainable Communities  
@GMU\_CRASC  
<https://c-rasc.gmu.edu/events/calendar/>

### 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: **April 12, 2023 from 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 projects are led by Principal 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](#).

## AWARDS

Congratulations to:

**Bheshti, Ali** from the [College of Engineering and Computing](#) for receiving the Office of Naval Research grant on *Surface Integrity and Tribological Study of Propulsion Shaft Materials Subjected to Advanced Surface Strengthening Treatments*.

**Hossain, Moimul** from the [College of Engineering and Computing](#) for receiving the National Science Foundation grant on *CNIS: Security Assessment of Spectrum Coexistence in Co-located Heterogeneous Wireless IoT Networks*.

**Hossain, Moimul** from the [College of Engineering and Computing](#) for receiving the U.S. Department of the Army grant on *ArtAMAS 2.12 Slicing-Enabled Private 5G Network to Support AI and Autonomy for Multi-Agent Systems*.

**Satyapal, Shobita** from the [College of Science](#) for receiving the National Aeronautics and Space Administration grant on *Understanding the nature of large radio-optical offsets in ICRF3 sources and exploring the ability to detect dual and dislodged AGNs*.

**Odstreil, Dusan** from the [College of Science](#) and Co-PI **Zhang, Jie** for receiving the National Aeronautics and Space Administration grant on *Improvement of the CME Forecasting by Heliospheric Imagery and Ensemble Modeling*.

**Green, Joshua** from the [Office of Research, Innovation, and Economic Impact](#) for receiving the Virginia Innovation Partnership Authority grant on *Innovation Commercialization Assistance Program (ICAP)*.

**Wijsekera, Duminda** from the [College of Engineering and Computing](#) and Co-PI **Yu, Bo** for receiving the Peraton grant on *Intelligent Edge with 5G Technology and Edge Security*.

## FUNDING OPPORTUNITIES

[Bioengineering Partnerships with Industry \(U01 Clinical Trial Optional\)](#)

Deadline: **May 26, 2023**

[National Medal of Technology and Innovation](#)

Deadline: **May 26, 2023**

## IDIA AFFILIATION

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

Compete for [internally funded IDIA projects](#)

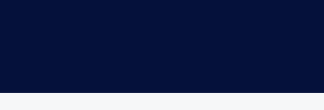
Receive support for [IDIA-relevant events](#)

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.

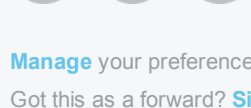
There is no financial burden to you or your departments for affiliation with the institute. Participation in IDIA does not prevent its members from being associated with other university centers. If you are not already affiliated, we encourage you to submit your profile [here](#).

### SHARE WITH US

We are eager to hear from you! As we work with your colleges to promote 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](mailto:idia2@gmu.edu)



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