



THE WEEKLY

Dear Colleagues,

Deadline approaching! Don't miss your chance 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

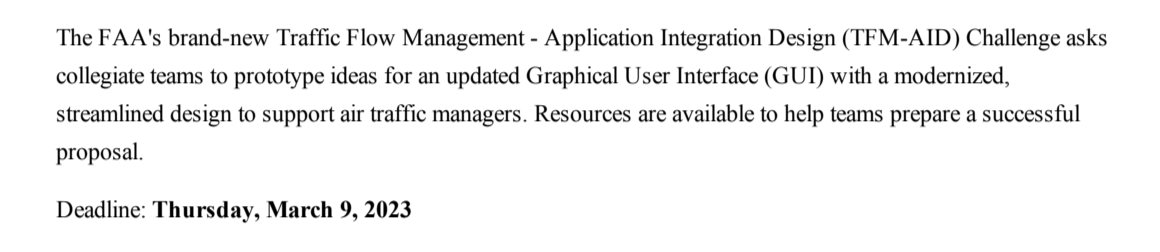


VARIOUS OPPORTUNITIES

Meet the Tech Exec Event: Amazon Cloud Security Assurance & Careers



Traffic Flow Management - Application Integration Design Challenge

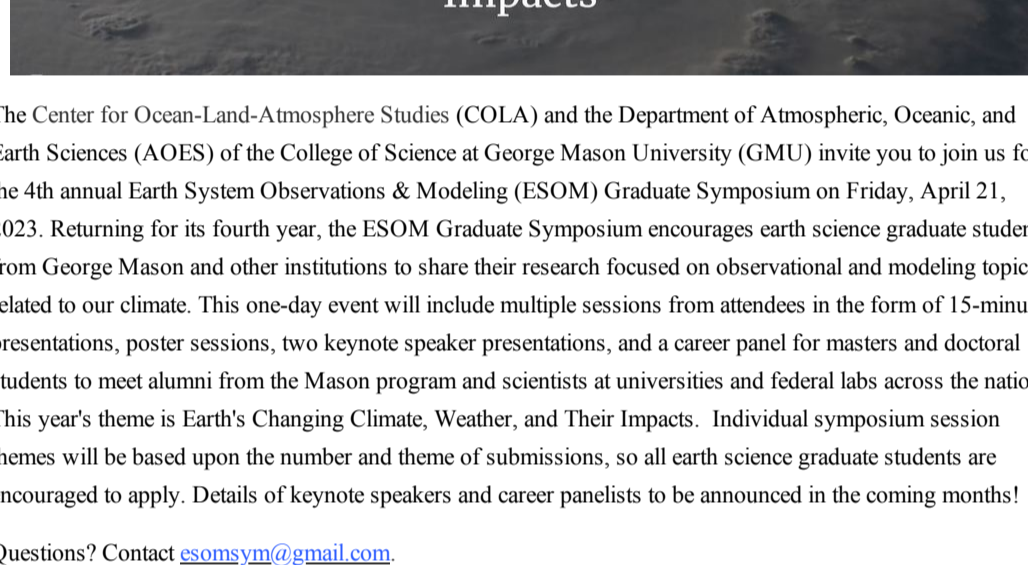


The FAA's brand-new Traffic Flow Management - Application Integration Design (TFM-AID) Challenge asks collegiate teams to prototype ideas for an updated Graphical User Interface (GUI) with a modernized, streamlined design to support air traffic managers. Resources are available to help teams prepare a successful proposal.

Deadline: **Thursday, March 9, 2023**

More information is available [here](#).

2023 Earth System Observations & Modeling Graduate Symposium



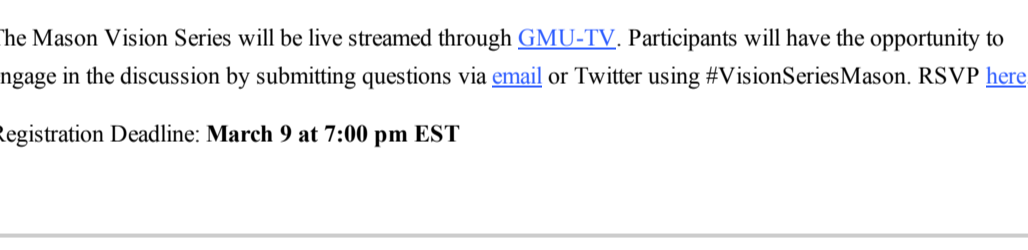
The Center for Ocean-Land-Atmosphere Studies (COLA) and the Department of Atmospheric, Oceanic, and Earth Sciences (AOES) of the College of Science at George Mason University (GMU) invite you to join us for the 4th annual Earth System Observations & Modeling (ESOM) Graduate Symposium on Friday, April 21, 2023. Returning for its fourth year, the ESOM Graduate Symposium encourages earth science graduate students from George Mason and other institutions to share their research focused on observational and modeling topics related to our climate. This one-day event will include multiple sessions from attendees in the form of 15-minute presentations, poster sessions, two keynote speaker presentations, and a career panel for masters and doctoral students to meet alumni from the Mason program and scientists at universities and federal labs across the nation. This year's theme is Earth's Changing Climate, Weather, and Their Impacts. Individual symposium session themes will be based upon the number and theme of submissions, so all earth science graduate students are encouraged to apply. Details of keynote speakers and career panelists to be announced in the coming months!

Questions? Contact esomsym@gmail.com.

Abstracts due: **Friday, March 10, 2023**

More information is available [here](#).

Mason Vision Series to Feature Sanmay Das and "Justice in an AI-Mediated Society"



With all the hype around Artificial Intelligence (AI) – ChatGPT, autonomous vehicles, high-stakes decisions around lending, criminal justice, and social services, etc. – it's easy to see how drastically our world has changed. From determining what movies you will watch and news you will consume to deciding whether you should be approved for that loan, AI has quickly made its way into our everyday lives. But what exactly is AI? Will it make our lives better or worse, or replace us entirely? What are its applications and implications? In his presentation, Dr. Das will address the functions of this technology that are helping society as well as ethics and the controversies surrounding its use.

The Mason Vision Series will be live streamed through [GMU-TV](#). Participants will have the opportunity to engage in the discussion by submitting questions via [email](#) or Twitter using #VisionSeriesMason. RSVP [here](#).

Registration Deadline: **March 9 at 7:00 pm EST**

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

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.

Closing Date: **March 31, 2023**

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

2023 ORIEL 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**

Take It to the Next Level – Multidisciplinary Research Seed Funding

Deadline: **April 7, 2023**

AWARDS

Congratulations to:

Seshaiver Padmanabhan from the [College of Science](#) and Co-PIs **Bhattacharya, Siddharth** and **Matto, Holly C.** for receiving the National Science Foundation grant on *Peripheral Autonomic Regulation Training (PART): Using Game-based Multimodal Peripheral Biofeedback in a Higher Education Setting*.

Lin, Jessica from the [College of Engineering and Computing](#) and Co-PI **Domeniconi, Carlotta** for receiving the Missile Defense Agency grant on *ARMS: Artificial Intelligence-based Recommender System for Model-Based Systems Engineering*.

Anderson, Taylor M. from the [College of Science](#) for receiving the National Science Foundation grant on *Collaborative Research: NSF-CSIRO: HCC: Small: Understanding Bias in AI Models for the Prediction of Infectious Disease Spread*.

Yu, Bo from the [College of Engineering and Computing](#) and Co-PIs **Jalindre, Nupoor** and **Menon, Nirup M.** for receiving the Virginia Innovation Partnership Authority grant on *Automated Privacy Positioning with Context-Awareness in Wearable Technology*.

Durant, Liza Price Wilson from the [College of Engineering and Computing](#) for receiving the Virginia Innovation Partnership Authority grant on *CCIS Teacher Cybersecurity Professional Development Program FY23*.

FUNDING OPPORTUNITIES

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

Deadline: **May 26, 2023**

[Pathways to Enable Open-Source Ecosystems](#)

Deadline: **September 7, 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 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 idiaz@gmu.edu

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