



## THE WEEKLY

Dear Colleagues,

Hope you are all having a great start to the semester. Don't forget to sign up for the Q&A session that will be held remotely via [Zoom on February 10, 2023 \(10-11 am\)](#).

The Q&A session is for our recently launched [IDIA P3 Faculty Fellows Program](#), which seeks to stimulate research collaborations and partnerships between George Mason University and industry on impactful societal problems and cutting-edge digital solutions of consequence to the local, regional, or national economy.

RSVP for the Q&A session [here](#).

Deadline: **March 27, 2023, by 11:59 pm EST**

More information is available [here](#).

## UPCOMING EVENTS

### [AI Innovation Symposium](#)

**AI Innovation Symposium**

Friday, February 3, 2023  
09:30 AM - 2:00 PM  
The HUB Ballroom, Fairfax Campus

📧 [IDA2@gmu.edu](mailto:IDA2@gmu.edu) | 🐦 [@GMUDigitalInnov](https://twitter.com/GMUDigitalInnov) | 📷 [@gmu.digitalinnov](https://www.instagram.com/gmu.digitalinnov) | 📘 [@GMUDigitalInnov](https://www.facebook.com/GMUDigitalInnov) | 🔗 [GMUDigitalInnov](https://www.linkedin.com/company/GMUDigitalInnov)

## VARIOUS OPPORTUNITIES

### [Artificial Intelligence and Machine Learning Innovation Challenge](#)

**Artificial Intelligence and Machine Learning Innovation Challenge**

**UNITE and IGNITE: Let the sparks fly!**

**WHITE PAPER DEADLINE: Jan. 30 at 11:59 p.m.**

**PRIZE purse is up to \$100,000!**  
*Learn more at [Challenge.gov](#)*

**NAVFSEA** NAVAL SURFACE WARFARE CENTER DAHLGREN DIVISION  
DAHLGREN | DAM NECK  
The Leader in Warfare Systems Development & Integration

### [Apply Now For an ISE Network Catalyst Grant](#)

Grand challenges require an approach that is transdisciplinary and broadly engages communities beyond the university. With the Network Catalyst Grants, the Institute for a Sustainable Earth will support faculty teams who wish to engage external partners in applied research opportunities in the areas of sustainability science and resilience aligned with UN Sustainable Development Goals. Faculty teams will have funding and support services so that they may catalyze a network of collaborators within and beyond George Mason University, with the ultimate goal of developing novel research approaches and applications. Successful teams will be expected to work with ISE personnel to build a transdisciplinary community of research and practice that extends deeply into local, regional, or international communities. One key outcome of the grant period will be the development of an extramural funding strategy that will sustain network activities and support putting research into action.

Deadline: **February 17, 2023**

More information is available [here](#).

### [FCEDA Tech & Cyber Career Fair](#)

**Northern Virginia**  
INNOVATION LIVES HERE

**Tech & Cyber Networking & Hiring Event**

**In-Person: Tuesday, January 31, 2023**  
**Virtual: Wednesday, February 1, 2023**

Build a meaningful career in Northern Virginia's tech and cyber industry—where employers are building tech that matters. From satellites that fuel space exploration to code that keeps our government's data safe, you can make a difference in your local and global community through a tech career here.

Network with hiring companies in the IT sector ranging from defense and aerospace to healthcare and renewable energy at this free in-person and virtual event.

During the in-person event, job seekers can attend free educational sessions by LinkedIn and have a free professional headshot taken. FCEDA is also partnering with Women in Technology to bring discounted memberships to participants.

**In-Person:**  
**Tuesday, January 31, 2023**  
11:00am - 2:00 PM  
Capital One Hall  
7750 Capital One Tower Road  
Tysons, VA 22102  
[Register Here!](#)

**Virtual:**  
**Wednesday, February 1, 2023**  
1:00-4:00 PM  
Online via the Premier Virtual Platform  
[Register Here!](#)

**Network with Top Employers Including:**

**Capital One** **Fairfax County PUBLIC SCHOOLS** **FBI** **GENERAL DYNAMICS** **INOVA** **leidos** **Peraton**

+ many more hiring organizations

For a complete list of participating companies, visit [www.workinnorthernvirginia.com](http://www.workinnorthernvirginia.com)

### [Call for Nominations: 2023 Klaus J. Jacobs Research Prize](#)

The Jacobs Foundation is seeking nominations for the 2023 Klaus J. Jacobs Research Prize. The prize awards outstanding scientific contributions of individuals from all scholarly disciplines aiming at improving learning, development, and living conditions of children and youth. This includes, but is not limited to, educational sciences, psychology, economics, sociology, family studies, media studies, political sciences, linguistics, neurosciences, computer sciences, and medical sciences.



Deadline: **March 15, 2023**

More information is available [here](#).

### [CCI Fellows Program](#)

Virginia's Commonwealth Cyber Initiative (CCI) is creating a Commonwealth-wide ecosystem of innovation excellence at the intersection of cybersecurity, autonomous systems, and intelligence. CCI's mission includes research, innovation, and workforce development. More than 300 researchers across Virginia are affiliated with CCI, providing the breadth and depth of expertise needed to compete for large research awards. Increasing Virginia's success in attracting center-scale awards is one of the objectives of CCI. This call aims at funding center-scale research proposing efforts requiring major coordination and proposal-writing work.

Deadline: **December 31, 2023**

More information is available [here](#).

### [TechConnect World Innovation Conference & Expo](#)

**TechConnect**  
**WORLD INNOVATION CONFERENCE & EXPO**

**JUNE 19-21, 2023 • NATIONAL HARBOR, MARYLAND, USA**  
Gaylord National Resort & Convention Center | Co-Located with

**NANOTECH 2023** **SBIR/STTR SPRING**  
CONFERENCE & EXPO INNOVATION CONFERENCE

The TechConnect World Innovation Conference & Expo condenses, simplifies, and untangles the world of commercialization for research and innovation. Whether you're interested in the best way to find funding or connect with potential partners, join us and we'll lead the way. Pitch your technology solution, showcase at demo and drinks, discuss your applied research, or just soak it all in! We'll see you in D.C. this June.

More information is available [here](#).

### [PREPARE Workshop](#)

**PREPARE**  
Pandemic Research for Preparedness & Resilience

**JOIN US VIRTUALLY**  
**JANUARY 25-26, 2023**

**LEVERS: Lessons & Experiences on Viable Epidemic Response Strategies**

In this virtual workshop we will bring together public health officials and modelers from around the world, to identify successes and challenges in the effective use of epidemic models for the development and implementation of public health epidemic control policies, and to discuss experiences, lessons learned, and possible solutions with application beyond pandemic preparedness.

**Wednesday 1/25**

All times ET  
10:00am Session 1: Modeling Behavioral Components of Epidemic Dynamics for Public Health Policy  
Mods: Don Burke & Joshua Epstein  
**Joshua Epstein**, NYU  
**Paul Slovic**, U Oregon  
**Sebastian Funk**, LSHTM

2:00pm Session 2: Scenario Modeling: What worked and what didn't?  
Mod: Jeff Shaman  
**Celia Quinn**, NYC DOHMH  
**Jason Asher**, CDC CFA  
**Sarah Cobey**, U Chicago  
**Amit Hupert**, Tel Aviv U

**Thursday 1/26**

All times ET  
10:00am Session 3: Global Perspectives on Modeling to Support Pandemic Decision Making  
Mods: Juliet Pulliam & Lone Simonsen  
**Julia Gog**, Cambridge U  
**Viggo Andreasen**, Roskilde U  
**Thumbi Mwambi**, U Nairobi  
**Joseph Wu**, Hong Kong U

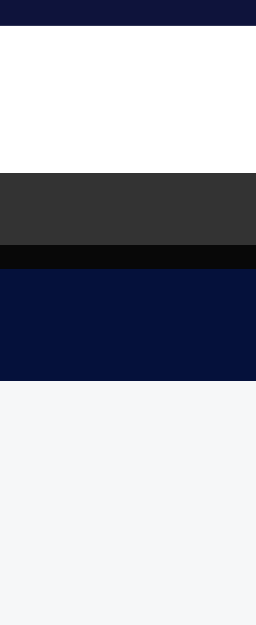
2:00pm Session 4: Supporting Public Health Decision Makers  
Mods: Simon Levin & Madhav Marathe  
**Justin Crow**, VDH + Bryan Lewis, UVA  
**Lauren Meyers**, UTA  
**Ellie Klein**, JHU

**Program Committee**  
Don Burke U Pitt, Simon Levin Princeton, Madhav Marathe UVA, Juliet Pulliam SAHENA, Jeff Shaman Columbia, Lone Simonsen Roskilde Univ.

**Register today!**  
<https://prepare-vo.org/>

### [NASA's Open-Source Science Initiative Funding Opportunity](#)

NASA's Open-Source Science Initiative (OSSSI) is pleased to announce a new funding opportunity under ROSES-2022, F.15 High Priority Open-Source Science. This program will provide funding for innovative work that supports the goals of the OSSSI, including making science more accessible, inclusive, and reproducible. Proposals must be for new work to develop technology that will support open-source science, which may include the development of data formats, software, frameworks, or libraries. In addition to these core criteria, we welcome proposals that would support the goals of NASA's Transform to Open Science (TOPS) initiative, such as broadening participation by historically excluded communities.



Deadline: **March 29, 2023**

More information is available [here](#).

## AWARDS

Congratulations to:

**Veneziano, Remi** from the [College of Engineering and Computing](#) and Co-PIs Moran, Jeffrey Lawrence and Dong, Pei for receiving the US Department of the Army grant on *DNA-Based Hydrogels for Peripheral Nerve Repair*.

**Lee, Yi Ching** from the [College of Humanities and Social Sciences](#) for receiving the Federal Highway Administration (FHWA) grant on *Examining Effects of Vehicle Location in the Latent Construct Level*.

**Yao, Ziyu** from the [College of Engineering and Computing](#) for receiving the Virginia Innovation Partnership Authority grant on *Calibrating Trust in Human-Machine Interactions with Algorithm Transparency*.

## FUNDING OPPORTUNITIES

[Using Innovative Digital Healthcare Solutions to Improve Quality at the Point of Care \(R21/R33 - Clinical Trial Optional\)](#)

Deadline: February 5, 2023

[Strategic Technologies](#)

Deadline: Continuous Submission

## 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](mailto:idia2@gmu.edu)



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