



# THE WEEKLY

Dear Colleagues,

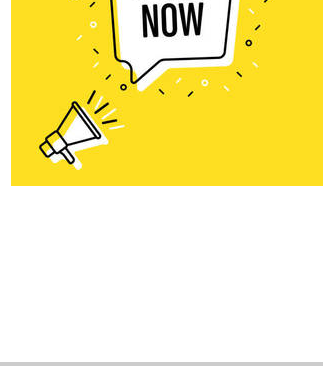
The deadline is approaching soon for the [IDIA Predoctoral Fellowship](#) application.

The [Institute for Digital Innovation \(IDIA\)](#) is inviting full-time George Mason University Ph.D. and M.S. students to apply for the second iteration of the IDIA Predoctoral Fellowship Program.

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

For questions or concerns, contact: [idia2@gmu.edu](mailto:idia2@gmu.edu).

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



## STUDENT OPPORTUNITY

### ACM SIGHPC Computational and Data Science Fellowships

ACM SIGHPC has created the Computational and Data Science Fellowships, a continuation of the program started with Intel to increase the diversity of students pursuing graduate degrees in data science and computational science. Specifically targeted at women or students from racial/ethnic backgrounds that have not traditionally participated in the computing field, the program is open to students pursuing degrees at institutions anywhere in the world.

Nominations Due: **April 30, 2023**

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

## VARIOUS OPPORTUNITIES

### GovFuture Forum

**GOV FUTURE FORUM** **THU. MAY 18, 2023**  
**GMU FUSE, ARLINGTON, VA**  
 9:00AM-11:00AM EST

**GOV TECH DEMOS FROM CDC, US ARMY (INVITED) & YEXT**

**HOT TOPIC DISCUSSION & PANEL:**  
**UNLEASHING THE POWER OF ADVANCED ANALYTICS:  
 EXPLORING THE FUTURE OF DATA-DRIVEN DECISION MAKING**

**PANELISTS:**  
**CDC, NIH, NIST, ALTERYX**

### Green Energy Innovation Expo



Green energy technology has never been more in demand. The Federal Laboratory Consortium (FLC), AUTM, and the United States Patent and Trademark Office (USPTO) will be sponsoring the Green Energy Innovation Expo, where we will highlight the impact of green energy in the fight against climate change.

This event will facilitate partnerships between businesses and federal laboratories, universities, and private-sector innovators—including government-funded startups—offering a wide range of green energy technologies for licensing, including green hydrogen, energy storage, and wind energy.

Event Date: **May 17, 2023 at 9:00 am ET**

More information is available [here](#).

### 2023 Experiential Learning Program

**2023 EXPERIENTIAL LEARNING PROGRAM**  
*Now accepting submissions!*

The CCI is funding programs for the future of the next generation. CCI is seeking proposals for experiential learning projects that prepare Virginia students for successful careers in cybersecurity.

Proposals Due: **April 28, 2023 by 5:00 pm ET**

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

### Dear Colleague Letter: Joint NSF-JST Proposals to Advance Human-Centered Data for Disaster Resilience Research

Both U.S.-based and Japan-based science and engineering communities have separately demonstrated commitment to conducting rigorous, cutting-edge research to support improved policies and practices for disaster risk reduction. This DCL invites teams of U.S. and Japanese researchers to propose new data and data-driven research projects centered on human dimensions of disaster resilience. Proposers are particularly encouraged to submit proposals that exploit special synergies and transfer learning between Japanese and U.S. contexts. Relevant topics include, but are not limited to, new measures and data types; new data integration methods; novel approaches to leveraging existing and emerging data sources; and efforts that move beyond discipline-based science and engineering approaches, including multidisciplinary and large-scale simulations. Projects that have the potential to advance the four priority areas of the Sendai Framework are of particular interest.



Proposals Due: **August 18, 2023 by 5:00 pm ET**

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

### ACES Workshop

The ACES (Accelerating Computing for Emerging Sciences) test-bed is a cyberinfrastructure test-bed that offers cutting-edge technologies on a Liquid Composable fabric. ACES aims to offer a holistic computing platform to meet the needs of researchers advancing research that combines numerical simulation and modeling with Artificial Intelligence and Machine Learning (AI/ML) frameworks. Toward addressing these needs, Graphcore IPU's, Next Silicon co-processors, Intel FPGAs, NEC Vector engines, and the latest GPUs from Intel and NVIDIA are offered on the ACES platform. These resources are supported by a rich software ecosystem including Charlie Cloud and Open on Demand. ACES is funded by the National Science Foundation (NSF) and is hosted by Texas A&M University, and is accessed via the ACCESS allocation process.

Event Dates: **July 12, 2023 - July 15, 2023**

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

## AWARDS

Congratulations to:

**Pudukotai Dinakarrao, Sai Manoj** from the [College of Engineering and Computing](#) for receiving the National Science Foundation grant on *Collaborative Research: EAGER: IC-Cloak: Integrated Circuit Cloaking against Reverse Engineering*.

**Vollmecke, Eric W.** from the [College of Engineering and Computing](#) for receiving the U.S Department of Defense grant on *Tentacle Demonstration and Architecture Support to FUSE*.

**Lee, Myeong** from the [College of Engineering and Computing](#) for receiving the US Department of Health and Human Services grant on *Mapping Information Ecology: Understanding the Fragmentation of Disability Service Information*.

**Durant, Liza Price Wilson** from the [College of Engineering and Computing](#) for receiving the Virginia Innovation Partnership Authority grant on *CCI NoVa Node Cybersecurity Traineeship*.

## FUNDING OPPORTUNITIES

[Cyberinfrastructure for Sustained Scientific Innovation](#)

Deadline: **December 1, 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.

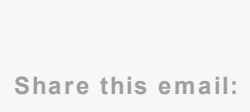
There is no financial burden to you or your departments for affiliation with the institute. Participation in IDIA does not prevent its members from being associated with other university centers. If you are not already affiliated, we encourage you to submit your profile [here](#).

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



Share this email:



[Manage](#) your preferences | [Opt out](#) using TrueRemove™

Got this as a forward? [Sign up](#) to receive our future emails.

View this email [online](#).

George Mason University | 4400 University Drive  
Fairfax, VA 22030 US

This email was sent to .

To continue receiving our emails, add us to your address book.

[Subscribe](#) to our email list.