



THE WEEKLY

Dear Colleagues,

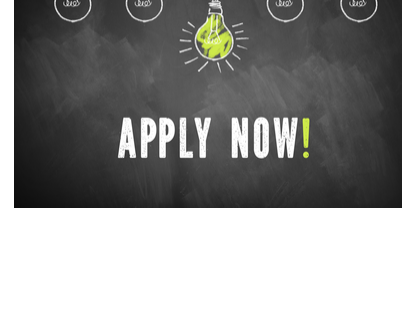
The [Institute for Digital Innovation \(IDIA\)](#) invites full-time George Mason University Ph.D. and M.S. students to apply for the second iteration of the IDIA Predoctoral Fellowship Program.

The deadline is approaching soon.

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

For questions or concerns, contact: 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

2023 Experiential Learning Program



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 IPUs, 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 assigned via the ACCESS allocation process.

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

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

AWARDS

Congratulations to:

Sanghera, Kamaljeet from the [College of Engineering and Computing](#) for receiving the Department of Defense grant on *AI Scholars Summer Experience*.

Shishika, Daigo from the [College of Engineering and Computing](#) for receiving the Office of Naval Research grant on *Distributed Intelligence with Lighter-Than-Air Vehicles*.

Shah, Vijay K. from the [College of Engineering and Computing](#) for receiving the National Science Foundation grant on *Collaborative Research: Research Infrastructure: CCRI: New: Distributed Space and Terrestrial Networking Infrastructure for Multi-Constellation Coexistence*.

Zeng, Qiang from the [College of Engineering and Computing](#) for receiving the National Science Foundation grant on *CCRI: Medium: Collaborative Research: Hardware-in-the-Loop and Remotely-Accessible/Configurable/Programmable Internet of Things (IoT) Testbeds*.

Nichols, Leah G. from Multidisciplinary Research for receiving the Gordon and Betty Moore Foundation grant on *Future Earth - PEGASUS 5 Project Management*.

Wijsekera, Duminda from the [College of Engineering and Computing](#) for receiving the Hilton Worldwide grant on *Information Security Assessments*.

FUNDING OPPORTUNITIES

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

Deadline: **September 17, 2023**

[Office of Science Financial Assistance Program](#)

Deadline: **September 30, 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 idia2@gmu.edu



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