



Institute for  
Digital InnovAtion



# THE WEEKLY

## UPCOMING EVENTS

### Innovation Week

# Innovation Week



[bit.ly/3SOHYkX](https://bit.ly/3SOHYkX)



The College of Engineering and Computing designed Innovation Week events to showcase how engineering and technology lead the way innovating technologies and experiences. Engineering and technology allow for more access and inclusion in communities, reflecting the needs of an evolving and global society. Learn more about Innovation Week Events [here](#).

Below are highlighted events from Innovation Week:

### **The Future of Education (Part 1): The Age of Generative AI**

- Faculty who are leveraging generative AI technologies to aid their teaching and enable students to advance their learning are welcome to register for this workshop. Come out and learn how to use generative AI to help students absorb topics beyond program correctness, see alternative solutions, and improve student access to challenging topic.

Event date: **Wednesday, February 21** from **9:00 AM** to **11:30 AM**

Event location: **5th Floor, Lloyd Griffith's Conference Room Long and Kimmy Nguyen**

**Engineering Building, Fairfax Campus**

More information available [here](#).

### **The Future of Education (Part 2): Hands on Generative AI**

- CEC graduate and undergraduate seniors are welcome to engage in this CEC workshop about how they can use generative AI technologies. Learn what your peers are doing in this area so you can leverage this technology safely in your courses. Bring your laptop. Pizza will be provided.

Event date: **Wednesday, February 21** from **12:00 PM** to **2:30 PM**

Event location: **5th Floor, Lloyd Griffith's Conference Room Long and Kimmy Nguyen**

**Engineering Building, Fairfax Campus**

More information available [here](#).

### **Connecting to the Future (Part 1)**

- CEC faculty can register here to come and celebrate our CEC and Transdisciplinary centers as nexus points that connect people with ideas, problems, and solutions. Engage with our keynote speaker, Jim Hileman, PhD, Vice President and Chief Engineer, Sustainability, and Future Mobility – The Boeing Company. Learn about how CEC centers activate impactful, innovative research, how they engage diverse funders, industry partners, faculty, and students. Hear from our center directors on the best practices for maximum engagement and productivity and share your perspective. Light refreshments will be provided

Event date: **Friday, February 23** from **8:00 AM** to **2:00 PM**

Event location: **Johnson Center Bistro, George Mason University Fairfax Campus**

More information available [here](#).

### **Strategizing for the Future**

- CEC faculty and students are welcome to engage with Christian Crews, a self-described futurist focused on corporate strategic innovation. Crews will highlight how the futurist approach uses long-term planning to anticipate and prepare for future trends and potential disruptions and then develop a competitive advantage.

Event date: **Friday, February 23** from **3:00 PM** to **4:15 PM**

Event location: **Room 1108, Long and Kimmy Nguyen Engineering Buildin George Mason**

**University, Fairfax Campus**

More information available [here](#).

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**17th Annual Star-Tides Capabilities Demonstration**



# 17th Annual Capabilities Demo: Adapting to Climate Change

April 15-16, 2024

Mason Square Van Metre Hall  
Arlington, VA



This event brings together world-class discussions of Adaptation to Climate Change along with exhibitors from a global knowledge-sharing network with a focus on building sustainable resilience, promoting human security, and improving emergency response.

### Benefits of Attendance

- Engaging speakers and panels on topics related to adapting to climate change,
- Engagement with companies that hire students interested in resilience and sustainability, and
- Opportunity to participate in a raffle for gift cards.



REGISTRATION

Resiliency → Adaptation → Sustainability



@STAR\_TIDES  
@GMU\_CRASC

Stem Fellowships Day

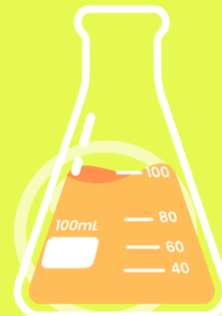
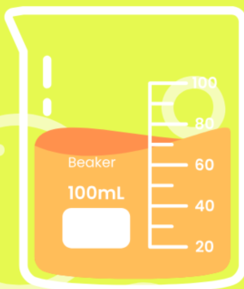
OFFICE OF FELLOWSHIPS

# STEM FELLOWSHIPS DAY

MARCH 15, 2024, 10AM-2PM  
JOHNSON CENTER AND ONLINE

Learn about fellowships for STEM  
research/grad school and how to  
apply!

**GO TO MASON360 TO SIGN UP TODAY!  
QUESTIONS? EMAIL PGFS@GMU.EDU**



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## DASSH 2024 - Designing Actionable Solutions for a Secure Homeland

The three-day event will bring together students, academic experts, and industry leaders to collaborate on real-world problem scenarios related to "Cascading Events." These scenarios will focus on detection and mitigation, covering areas such as cyber-attacks, natural disasters, and human-engineered sabotage. This is not just another hackathon; it's an opportunity for students to design, build, and implement innovative solutions that will be presented to DHS leadership. The event will be a hybrid experience, allowing students to engage in person at participating schools while mentors and judges join virtually via Zoom and Discord.

Event date: **February 23-25, 2024**

Learn more and register [here](#).



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## NSF Workshop on Sustainable Computing for Sustainability

The NSF Workshop on Sustainable Computing for Sustainability seeks to identify open challenges in how to harness computing to tackle sustainability problems, and in ensuring that computing accounts for sustainability in its own development and operation. Due to space limitations, the workshop will follow a hybrid format with approximately 100 in-person attendees, and remote participation feasible through a zoom webinar.



National Science Foundation

Event date: **April 16-17, 2024**

Learn more [here](#).

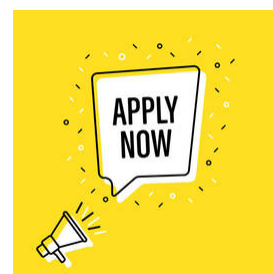
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# VARIOUS OPPORTUNITIES

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## Post-Doctoral Fellowship

A Minerva funded grant project at George Mason University on AI Infrastructures and their Consequences in Global Contexts is offering Post-Doctoral Fellowship. The Postdoctoral Research Fellow will work under the supervision of Professor Antonios Anastasopoulos, Professor Amarda Shehu & Professor JP Singh and with a team of interdisciplinary researchers on an AI infrastructure project funded through the Department of Defense Minerva Research Initiative from April 15, 2022 to April 14, 2026. If interested, please send a letter of interest and C.V. to [aipolicy@gmu.edu](mailto:aipolicy@gmu.edu).



Application deadline: **March 1, 2024**

## National Science Foundation ICICLE Accepting 2024 Educational Fellows Applications

The National Science Foundation-funded AI Institute for Intelligent Cyberinfrastructure with Computational Learning in the Environment (ICICLE) is now accepting applications for its 2024 Educational Fellows Program. Graduate students, postdoctoral fellows, and early-career educators and researchers from all domains and disciplines actively enrolled in, or formally affiliated with, a US-based institution, are eligible to apply. Those from populations and institutions traditionally underrepresented in research computing, as well as those interested in developing skills and/or posing research questions using AI-enabled cyberinfrastructure and knowledge systems to support increased resiliency of food systems, are strongly encouraged to apply.

Application deadline: **February 23, 2024**

Learn more and apply [here](#).

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## \$200K CTIA Catalyst Competition

CTIA Wireless Foundation is seeking ambitious early-stage social entrepreneurs who have developed mobile-first solutions to enhance our lives and address challenges in American communities. Wireless networks are a platform for innovation, supporting emerging technologies that are transforming our society. Mobile-first solutions powered by 5G and leading edge wireless offer a significant opportunity to make meaningful advances and tap into a powerful infrastructure for social good.

Application deadline: **March 5, 2024**

Learn more [here](#).

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## Grant Writing Support Programs - Proposal Editing Support & Copy Editing Service



# Spring 2024 Faculty Grant Writing Support

Participating faculty must be eligible to serve as [Mason Principal Investigators](#) on a sponsored research project

## Proposal Editing

Feedback on nearly final or previously reviewed application in terms of proposal solicitation requirements. Provide application by **March 11**

Feedback provided by **May 15**

Sign up [here](#) or use QR code



### Space is Limited

Sponsored by College of Humanities and Social Sciences and Office of Research Development

All application materials will remain confidential

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# New: On Demand Copy Editing

Designed for [Mason Principal Investigators](#) submitting a sponsored research project

## Copy Editing Service

Research Development Services is pleased to provide copy editing services for faculty wishing to receive input on the grammar, syntax, layout and overall presentation of their grant applications. This work will be performed by graduate and advanced undergraduate students who are receiving technical editing training at Mason. The rate is \$15 per hour. All submissions must be provided at least 2 weeks before the Mason Internal submission deadline. Please note, this editing will not provide commentary on scientific, technical or research merits of the proposal. Sign up [here](#) or use QR Code



### Materials due 2 weeks before the Mason Internal Submission Deadline

All application materials will remain confidential

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## 2024 NSF ACCESS Student Training and Engagement Program

ACCESS Operations is launching its Student Training and Engagement Program (STEP). STEP will function as a three-phase program intended for undergraduates or early-career graduate students interested in pursuing careers in cyberinfrastructure.

Applications due: **March 1, 2024**

Learn more and register [here](#).



# CCI OPPORTUNITIES

## 2024 CCI Symposium



**REGISTER TODAY!**

**2024**

April 15 & 16

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COMMONWEALTH CYBER INITIATIVE

**SYMPOSIUM**

Omni Hotel in Richmond, VA



# Cybersecurity Traineeship

The Northern Virginia Node of the Commonwealth Cyber Initiative invites applications for full-time, paid, 7-week traineeship program in cybersecurity. The program will be conducted completely ONLINE by instructors from the Northern Virginia Community College. This program is part of a larger effort to develop data analytics and cybersecurity expertise in the Virginia workforce. CCI Trainees will also receive career placement support from the George Mason University and Northern Virginia Community College to facilitate connections with cybersecurity companies.

Applications due: **March 15, 2024**

Learn more [here](#).

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## AWARDS

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Congratulations to:

**Vollmecke, Eric W.** from the [College of Engineering and Computing](#) for receiving the Air Force Research Laboratory grant on *Artificial Intelligence Enabled Cloud Migration Navigator*.

**Yang, Lishan** from the [College of Engineering and Computing](#) for receiving the College of William and Mary grant on *Securing the Machine Learning Components of Autonomous Vehicles: Risk Assessment and Mitigation*.

**Seshaiyer, Padmanabhan** from the [College of Science](#) for receiving the Virginia Department of Education grant on *Shenandoah Valley Rural Regional College Partnership Laboratory Schools*.

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## FUNDING OPPORTUNITIES

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[European Commission - SNS JU -- SNS Operations and Output Optimization](#)

Deadline: **April 18, 2024**

[National Institutes of Health - High-End Instrumentation \(HEI\) Grant Program](#)

Deadline: **June 3, 2024**

[National Institutes of Health - International Bioethics Research Training Program](#)

Deadline: **June 6, 2024**

[National Science Foundation - Biology Integration Institutes](#)

Deadline: **February 18, 2025**

\*If a funding opportunity limits the number of applications the university can submit, it will be posted and managed through the Research Development Services office. Please contact [limited@gmu.edu](mailto:limited@gmu.edu) or Sheila Davis.

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## — IDIA AFFILIATION —

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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](#).

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### — SHARE WITH US —

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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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