



THE WEEKLY

Dear Colleagues,

The deadline for our [IDIA P3 Faculty Fellowship Program](#) is approaching soon and we are looking forward to reviewing your applications.

For questions, please email: IDIA2@gmu.edu

The application deadline is **March 27, 2023, by 11:59 pm EST.**

More information is available [here](#).



NEWS

[New NSF-Australia Awards Will Tackle Responsible and Ethical Artificial Intelligence](#)

The U.S. National Science Foundation, in partnership with Australia's national science agency, CSIRO, is announcing grants totaling \$1.8 million on the U.S. side and \$2.3 million on the Australian side to accelerate groundbreaking research in responsible and ethical artificial intelligence solutions to societal challenges, including pandemic preparedness, drought resilience, and harmful environmental emissions.

Responsible and ethical AI concerns have grown sharply with the increasing availability of AI-powered technologies. Awards under the NSF-CSIRO partnership are expected to contribute to establishing ethical frameworks — and ultimately guidelines — to ensure AI algorithms and their deployments are safe, fair, and beneficial to all citizens.

Learn more [here](#).

STUDENT OPPORTUNITIES

[ACCESS Launches 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.

Deadline: **March 15, 2023**

More information is available [here](#).

VARIOUS OPPORTUNITIES

[2023 OREI Seed Funding Opportunities](#)

The Office of Research Innovation and Economic Impact (OREI) 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 Office of Research Innovation and Economic Impact will also hold an **informational Q&A on March 8, 2023, from 2:00-3:00 pm.**

Join the Zoom meeting [here](#). The recorded session will be posted on the website.

For questions or concerns, please email: resdev@gmu.edu

Seed Funding Opportunity Highlights:

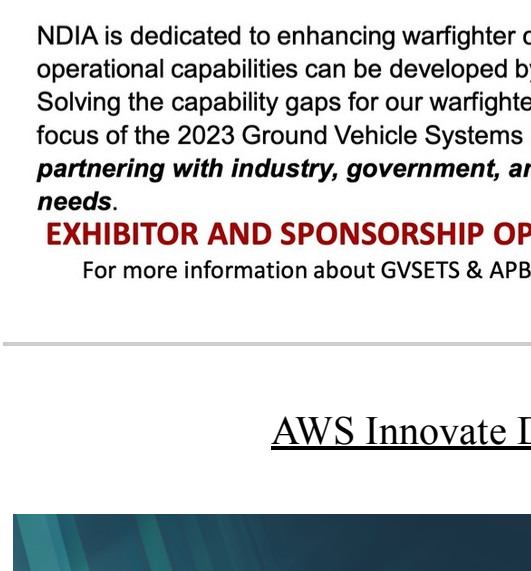
[Building the Foundation – Early Stage Research Seed Funding](#)

Deadline: **March 31, 2023**

[Take It to the Next Level – Multidisciplinary Research Seed Funding](#)

Deadline: **April 7, 2023**

[Ground Vehicle Systems Engineering and Technology Symposium](#)



CALL FOR PAPERS NOW OPEN!
Meeting the Army's Transformational Needs

15th Annual Ground Vehicle Systems Engineering and Technology Symposium (GVSETS)
August 15 – 17, 2023
Suburban Collection Showplace
Novi, Michigan

CALL FOR PAPERS NOW OPEN!!
Submission Deadline is **March 13, 2023**
[GVSETS \(ndia-mich.org\)](http://GVSETS.ndia-mich.org)

TECHNICAL PAPER TOPICS
The selected Papers will be published and presented at the event.

- Advanced Materials & Manufacturing (AMM)
- Autonomy, Artificial Intelligence & Robotics (AAIR)
- Digital Engineering / Systems Engineering (DE/SE)
- Modeling Simulation and Software (MS2)
- Modular Open Systems Architecture (MOSA)
- Power & Mobility (P&M)

** OPSEC review is required by all government authored/funded papers. Please allow three weeks for OPSEC process prior to submission dates.*

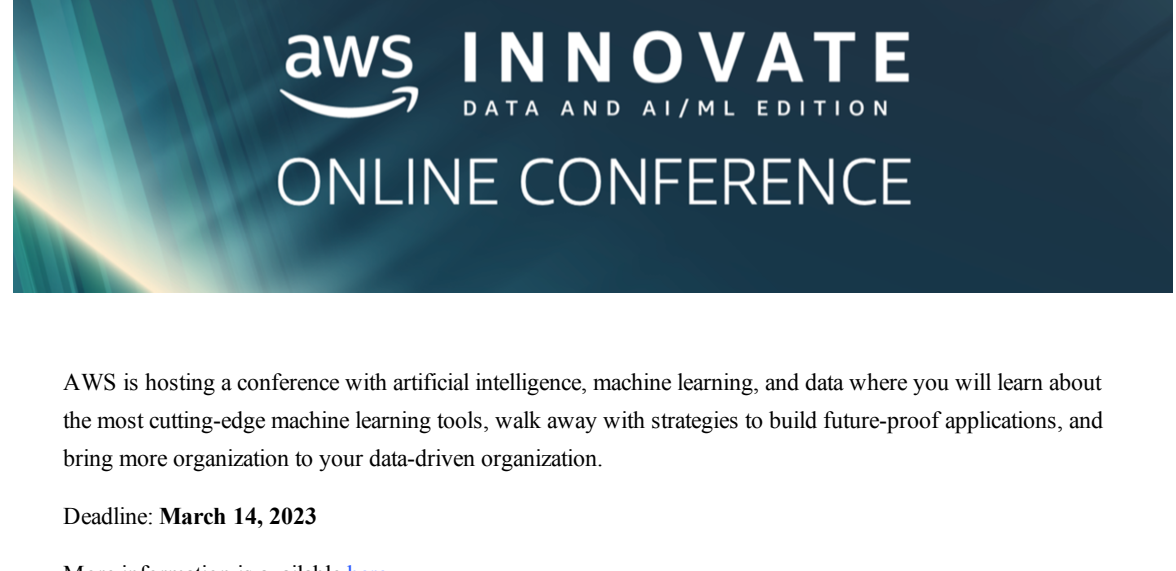
GVSETS provides the opportunity to personally network and share technical research to approximately 1,800 attendees.

Scientists and engineers from government, academia and industry are invited to submit papers for the National Defense Industrial Association (NDIA) Michigan Chapter's 15th Annual GVSETS, in coordination with The Engineering Society of Detroit (ESD).

NDIA is dedicated to enhancing warfighter capabilities. Technology solutions that bring operational capabilities can be developed by academia, industry, government, or a collaboration. Solving the capability gaps for our warfighter is growing in scope and challenge. Therefore, the focus of the 2023 Ground Vehicle Systems Engineering Technology Symposium (GVSETS) is **partnering with industry, government, and academia to meet the Army's transformational needs.**

EXHIBITOR AND SPONSORSHIP OPPORTUNITIES WILL BE AVAILABLE IN 2023!
For more information about GVSETS & APBI, contact gvsets@esd.org or gvsets.ndia-mich.org

[AWS Innovate Data and AI/ML Edition](#)



AWS is hosting a conference with artificial intelligence, machine learning, and data where you will learn about the most cutting-edge machine learning tools, walk away with strategies to build future-proof applications, and bring more organization to your data-driven organization.

Deadline: **March 14, 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 proposal efforts requiring major coordination and proposal-writing work.

Deadline: **December 31, 2023**

More information is available [here](#).

[2023 US NAM Catalyst Award Competition](#)

The NAM is currently seeking bold, new, and innovative ideas that aim to extend the human health span (i.e., the number of years lived in good health), especially approaches that challenge existing paradigms or propose new methodologies or concepts. High-risk ideas that could potentially yield high rewards and, in turn, dramatically change the field of healthy longevity are encouraged.

The National Academy of Medicine, with support from Johnson & Johnson Innovation, the Bia-Echo Foundation, and the Yun Family Foundation, will issue up to 20 Catalyst Awards in 2023 to U.S.-based innovators. Each Catalyst Award includes a \$50,000 cash prize as well as exclusive access to additional funding opportunities, occasions to connect and collaborate with innovators from around the world, and amplification of your award and winning idea. The NAM will also administer Catalyst Award cycles in 2024 and 2025.

Deadline: **February 27, 2023**

More information is available [here](#).

AWARDS

Congratulations to:

Phillips, Elizabeth K. from the [College of Humanities and Social Sciences](#) for receiving the U.S. Department of the Air Force (USAF) grant on *Developing a Qualification System for Robot Moral Agency*.

Mishin, Yuri from the [College of Science](#) for receiving the U.S. Department of the Army grant on *Computer modeling of high-temperature alloys*.

Parker, Audra K. from the [College of Education and Human Development](#) and Co-PIs Guerra-Lopez, **Ingrid; Pamas, Roberto A.;** and **Sanghera, Kamaljeet** for receiving the Virginia Department of Education grant on *GMU/AVCC/FCPS Lab School Planning Grant Virginia Department of Education*.

Gaj, Krzysztof M. from the [College of Engineering and Computing](#) for receiving the Virginia Tech grant on *Resurrecting SIKE: Developing and Implementing New Isogeny-Based Post-Quantum Schemes*.

FUNDING OPPORTUNITIES

[Notice of Special Interest \(NOSI\): Innovative Technologies for Research on Climate Change and Human Health Small Business Technology Transfer \(R41/R42 Clinical Trial Optional\)](#)

Deadline: **April 5, 2023**

[NSF Convergence Accelerator 2022 Joint NSF/DOD Phases 1 and 2 for Track G: Securely Operating Through 5G Infrastructure](#)

Deadline: **April 4, 2023**

IDIA AFFILIATION

Did you know that, as an IDIA faculty affiliate, you are eligible to:

Compete for [internally funded IDIA projects](#)

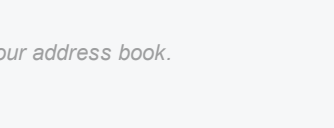
Receive support for [IDIA-relevant events](#)

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.

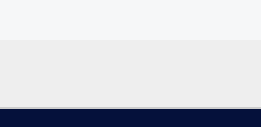
There is no financial burden to you or your departments for affiliation with the institute. Participation in IDIA does not prevent its members from being associated with other university centers. If you are not already affiliated, we encourage you to submit your profile [here](#).

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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