

Announcements

ISE Network Catalyst Grants 2024-2025: Call for Applications

- Supporting transdisciplinary research that addresses urgent challenges -

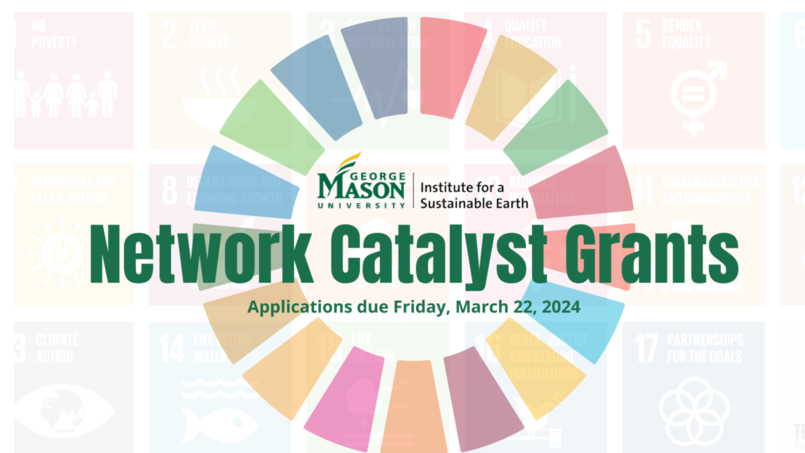
With the [Network Catalyst Grants](#), the Institute for a Sustainable Earth will support the development of transdisciplinary faculty teams in applied research aligned with UN Sustainable Development Goals. Supported teams will catalyze a network of collaborators within and beyond George Mason University and aim to secure additional sources of funding. The ISE is growing a broad network of partners, and Network Catalyst teams will work with the Institute to forge new and sustained engagements with community-based organizations, NGOs, governments, the private sector, or other strategic partners. Up to four funded teams will receive:

- ISE mentorship and assistance in engaging external partners
- \$5,000 to support network-building activities (workshops, basic research)
- Grant proposal development support
- A fully-funded graduate research fellowship stipend in Summer 2025

Learn more about this innovative program, including how to prepare an application, at the [ISE's Network Catalyst Program webpage](#). **Applications are due Friday, March 22, 2024.**

Network Catalyst Grants Informational Webinars: Mon., Feb 26 at 4 pm and Thurs., March 7 at 9 am. Please contact Dr. Jeremy Campbell at jcampb30@gmu.edu for more information.

[Click Here to Learn More](#)



[Click Here to Learn More](#)

When will the cherry trees bloom in 2024?

Mason's Department of Statistics and their partners invite contestants to submit their predictions for Washington, D.C. (USA), Kyoto (Japan), Liestal-Weideli (Switzerland), Vancouver, BC (Canada) and New York City (USA), along with a compelling narrative and reproducible analysis containing any data and code used. Complete entries will be eligible to win cash and prizes—based on multiple categories, including best prediction and best narrative—and will be featured on [Real World Data Science](#). See the [complete competition rules](#) for details.

[Click Here to Learn More](#)

Events

Writing Workshop for Teaching and Mentoring Statements

Are you working to figure out how to convey the impact and effectiveness of your teaching and mentoring for renewal, tenure, and/or promotion? You are invited to a discussion and writing workshop about preparing your teaching and mentoring impact statement. The workshop is appropriate for faculty in any discipline. You will outline your teaching, learning, and mentoring strategies for developing and present it to peer and reviewer audiences. This interactive workshop will be facilitated by faculty members who have successfully navigated the promotion process at Mason.

Thursday, February 15, 2024 from 1:30 PM to 3:30 PM | Zoom Webinar

The **Annual STAR-TIDES Capabilities Demonstration** showcases products and activities of the STAR-TIDES (Sharing To Accelerate Research – Transformative Innovation for Development and Emergency Support) global knowledge-sharing network. The network includes several thousand members engaged in building sustainable resilience, promoting human security, and creating life-changing social and economic activities. STAR-TIDES is coordinated through George Mason University's Center for Resilient and Sustainable Communities (C-RASC).

April 15-16, 2024 | Mason Square Van Metre Hall | Click [here](#) to register

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



Funding Opportunities

Heather's Highlights: Each week we will highlight current funding opportunities, alternating between the six ISE Research Themes.

Research Theme 4: Clean Energy, Decarbonization, and Climate Action

*The Department of Energy (DOE) has issued a funding opportunity announcement titled **Small Innovative Projects in Solar: Concentrating Solar Power and Photovoltaics (SIPS: CSP & PV)**.*

This funding opportunity seeks to invest in innovative research and development (R&D) that accelerates the large-scale development and deployment of solar technologies to support an equitable transition to a decarbonized electricity system by 2035 and decarbonized energy sector by 2050. This Small Innovative Projects in Solar (SIPS) FOA solicits seedling R&D projects for both photovoltaic and concentrating solar thermal power technologies. This FOA is expected to be re-issued on an annual basis.

Application Due Date: March 6, 2024

Anticipated Funding Amount: \$6,500,000

Research Theme 5: Enhancing Equality, Equity, and Access to Basic Goods and Services

*The Department of Transportation (DOT) has released grants notice for their **Mobility Equity Research Initiative**.*

Through this NOFO, U.S. DOT seeks to advance research and technologies that support the Department's goal of expanding accessibility and mobility to underserved communities, including people with disabilities, older Americans, and rural and disadvantaged communities. Further, U.S.

DOT is seeking proposals that will produce research results and tools that build on or complement existing data and systems such as those found on <https://equity-data.dot.gov/>

Application Due Date: March 5, 2024

Funding Amount: \$2,970,000

Research Theme 6: Peace, Justice, and Strong Institutions to Support Thriving Economies

*The U.S. Embassy La Paz Public Diplomacy Section has released their **Annual Program Statement**.*

PD La Paz invites proposals for programs that strengthen people-to-people ties between the United States and Bolivia through cultural, educational, professional and scientific exchanges that highlight shared values and promote bilateral cooperation. All programs must include a U.S. cultural element, or connection with U.S. experts, organizations, or institutions in a specific field that will promote increased understanding of U.S. policy and perspectives.

Application Due Date: August 31, 2024

Funding Amount: \$40,000

Student Opportunities

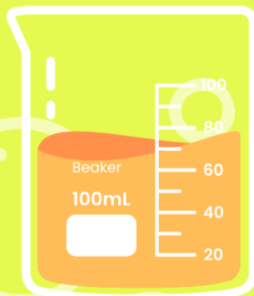
OFFICE OF FELLOWSHIPS

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



ICICLE Educational Fellows Program

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.

Click [here](#) to learn more.

RaMP-UP Fellows Program

Get a stipend of \$32,000 for a full year of participation. RT ticket to Panamá and lodging while at Smithsonian Tropical Research Institute facilities. Come away with a robust research experience, scientific products, an international professional network, a peer network, and strong mentors to advocate for their careers. Check back soon for 2024/2025 application openings.

RaMP-UP Fellows spend a year engaged in BioDiversity studies with Smithsonian Tropical Research Institute (STRI) Scientists. Embedded in the tropical landscapes of Panamá, practicing cutting-edge and rigorous methodologies to make a lasting impact on Tropical BioDiversity.

Click [here](#) to learn more.

National Geographic: Internships at the Society

Every year, the National Geographic Society provides a number of students with a paid opportunity to spend the summer exploring and learning with us. We offer a diverse range of dynamic internships that are designed to offer a well-rounded experience. Our goal is to provide engaging, educational, and work-related opportunities for both undergraduate and graduate students.

Click [here](#) to learn more.

EnergyTech University Prize

EnergyTech UP aims to cultivate the next generation of energy innovators while accelerating the transfer of energy technologies to market. This prize seeks to attract the talented students of today and help them develop into the engineers, policymakers, entrepreneurs, market analysts, and project developers of tomorrow. Multidisciplinary student teams develop and present a business plan that leverages National Laboratory-developed or other high-potential energy technologies, including university-developed technologies or other technologies of interest to student competitors.

This prize is sponsored by the Office of Technology Transitions (OTT) at the U.S. Department of Energy (DOE), as well as several other program offices. EnergyTech UP, in partnership with American-Made Challenges, is designed to be approachable, equitable, and scalable nationwide. Winners will be chosen based on the strength of their business proposals. Students interested in participating in this prize will be provided with a curated list of National Lab technologies that are ready for commercialization and that can be used for their business plan.

Click [here](#) to learn more.

NASA MSI Incubator: Wildfire Climate Tech Challenge

NASA's Wildfire Climate Tech Challenge, part of the MSI Incubator initiative, seeks innovative solutions for wildfire prevention and climate technology. NASA invites students and employees of Minority Serving Institutions (MSIs) to address the escalating issues caused by wildfires exacerbated by climate change. Successful participants will have the opportunity to join a startup incubator program and compete for a prize of \$100,000. Additionally, this initiative offers a platform for participants to present their ideas to venture capitalists and NASA experts, furthering the development of technology in the fields of wildfire prevention and climate change, while promoting inclusivity and diversity.

Click [here](#) to learn more.

Global Sustainability Scholars Fellows Program

The GSS Fellows program offers a 10-week paid immersive training and mentoring with a global sustainability organization. Fellows will gain professional work experience, receive professional mentorship and professional development training, and build an international professional network in sustainability science. We will accept 5 -10 fellows per year to join the GSS community, provide advanced professional development training, and build professional connections that foster opportunities for employment and/or graduate school opportunities.

Click [here](#) to learn more.

The Institute for a Sustainable Earth (ISE) aims to connect members of the Mason community with others across the Mason community—and with other communities, policy-makers, businesses and organizations—so that, together, we can more effectively address the world’s pressing sustainability and resilience challenges.

The ISE Newsletter provides up-to-date information on conferences, funding opportunities, and research pertaining to environmental science and sustainability. The biweekly newsletter aims to facilitate information sharing among researchers, practitioners, and relevant local, national, and international organization.



ise.gmu.edu

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