



Office of Research, Innovation,
and Economic Impact
**INSTITUTE FOR A
SUSTAINABLE EARTH**
George Mason University®

Weekly Newsletter
February 25, 2025

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Announcements

Apply Now! 2025 Sustainability Summer Fellowships for Graduate Research Partnerships

Co-sponsored by the Mason's Graduate Division and the Institute for a Sustainable Earth, the 2025 Sustainability Summer Fellowships for Graduate Research Partnerships program provides financial support and professional development to doctoral students who will work with partner organizations on applied research projects. This opportunity is designed to connect students with organizations making a positive impact on our world. Funding of \$9,000 is available for doctoral students who will support this collaborative research in research assistantships. Please see below for more information about specific opportunities. To apply, upload a cover letter, CV/résumé, and a brief statement of support from a faculty advisor to Handshake by Fri., February 28, 2025 at midnight. Check out the ISE Handshake site here. Please contact Dr. Judit Ungvári at jungvari@gmu.edu if you have any questions.

[Click Here for More Information](#)

Research Development Resources

Have you heard? We are excited to share the following information about available resources to assist faculty with proposals in support of their research, scholarship and creative activity.

Graphic Design Support:

-Research Development Services has relaunched its Graphic Design Support. You can find more details and request support here

-Advanced student graphic designers will help create strategic, eye-catching, print and digital materials for proposals, publications, and research-related projects.

-A two to three (2-3) week notice period in advance of deadline is required for each request.

Proposal Editing Sign Up

-Graduate student led teams from English 488-689 (Advanced Proposal Writing) will provide feedback on near-final or previously submitted proposals in terms of how the proposal meets the requirements of the proposal solicitation. Register by March 3. Please provide the proposal, and the proposal solicitation by March 24. For previously reviewed proposals, you could also provide the reviewer comments. Feedback and edits will be provided no later than May 16th. All applications will be kept confidential. There are limited spaces in this program, and you will be notified by email, if selected to participate. Register here

Strategic Request for Proposal Analyses

-Graduate student led teams from English 488-689 (Advanced Proposal Writing) will provide strategic feedback on matching your research to a range of proposal solicitations. Please be prepared to provide a previous proposal or your articles to allow them to identify proposal solicitation(s). Sign up by March 3. Appointments will take place prior to May 16th. There are limited spaces in this program, and you will be notified by email, if selected to participate. Register here

Copy Editing Services

-Research Development Services is pleased to sponsor copy editing services for faculty wishing to receive input on the grammar, syntax, layout and overall presentation of their grant applications. Requests must be made two (2) weeks before submission deadline, sign up here

Editing services includes input on the grammar, syntax, layout and overall presentation of grant applications.

Work is performed by graduate and advanced undergraduate students who are receiving technical editing training at Mason.

News

- [Research team receives funding for Arlington County's ENERGY-HEALTH-EQUITY Project to study indoor air quality and health impacts in a warming environment](#)
- [George Mason scientist leads \\$1.8M NSF grant to address mobility challenges from urban flooding](#)
- [Student organization recovers more than 1,600 pounds of food from dining halls, campus events](#)

Events

Mason I-Corps March Cohort

The George Mason University's NSF I-Corps Regional Program supports faculty, researchers, students, and innovators from across the Commonwealth of Virginia in exploring the commercial viability of their technology-based innovation ideas to accelerate business exploration and, ultimately, make a real-world impact. We offer a six-session course designed to introduce participants to the lean startup method, pioneered by the National Science Foundation.

March Cohort Schedule:

- February 18, 2025, 6:30 PM - 8:00 PM
- March 4, 6, 11, 13, 20, 2025, 9:00 AM - 12:00 PM

[Click Here to Register](#)



Welcome to REACH!

Please join us to learn about the **REACH Center, a new multi-institutional climate and health exploratory research center.** The Research and Engagement for Action on Climate and Health (REACH) Center aims to **bridge big data with climate solutions** that advance **health and environmental justice.**

One of our key goals is to **bring together disciplines from across the University to collaborate on climate and health-related research projects and proposals.**

Learn about how you can be a part of this effort! We will give an **overview of REACH Center activities and discuss how we can help you develop climate and health research. Seed funding and student fellowships are available!**

RSVP HERE

Research and Engagement for Action on Climate and Health Center

**11 AM - 12 PM EST
MARCH 5, 2025**

**Merten Hall Room
1203 AND VIA ZOOM**
(link provided upon registration)

[Click Here to Register](#)

Friday, April 11th, 2025
Merten Hall Room 1204
George Mason University,
Fairfax, Virginia



<https://tinyurl.com/49haxws6>



6TH EARTH SYSTEM OBSERVATIONS AND MODELING GRADUATE SYMPOSIUM

The past, current, and future State of Earth's Climate System

Call for abstracts
Submission deadline: February 21st

The Center for Ocean-Land-Atmosphere Studies (COLA) and the Department of Atmospheric, Oceanic and Earth Sciences (AOES) invites masters and doctoral students from the Mid-Atlantic states to share their research.

**Don't have anything to present?
Just come and join us!**

Featuring:

- Oral and poster presentations
- Keynote speakers including Randy Koster of NASA Goddard
- Career panel with Earth Sciences professionals

Registration through April 4th.

Contact: esomsym@gmu.edu
AOES Department Website: <https://aoes.gmu.edu/>

[Click Here to Register](#)



We are pleased to announce the 2025 edition of the prediction competition: When will the cherry trees bloom?

Submit your predictions for Washington D.C., New York City, Kyoto, Liestal-Weideli, and Vancouver by *February 28*.

Complete entries are eligible to win up to \$5,000 in cash and prizes!

The 2025 International Cherry Blossom Prediction Competition

Learn more at competition.statistics.gmu.edu

We thank our sponsors



& partners



[Click Here to Register](#)

Funding Opportunities

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

Research Theme 1: Human Health, Well-Being, and Capabilities

The Craig H. Neilson Foundation has a call for Psychosocial Research.

The Psychosocial Research (PSR) portfolio supports the study of people's psychological and social wellbeing and research to develop and test interventions that improve an individual's mental, behavioral, and social welfare following spinal cord injury (SCI). The goal is to build and disseminate solutions that individuals, caregivers, clinicians, and communities can incorporate to address emotional wellbeing and barriers to social engagement. The portfolio seeks to advance meaningful participation of people with lived experience in SCI research design and execution.

Application Due Dates: LOI Due March 6, 2025; Full Proposal Due July 10, 2025

Funding Amount: varies

Research Theme 2: Sustainable and Resilient Communities and Ecosystems

The Weyerhaeuser Family Foundation has a call for Sustainable Forests and Communities Initiative.

The goal of the Sustainable Forests and Communities Initiative is to support the development of environmentally, economically, and socially sustainable communities in forested regions of the United States. SFCI supports programs within forested communities that promote, in an integrated fashion, forest conservation, the creation of jobs or businesses based on sustainable forestry, and public consensus-building.

Application Due Date: March 7, 2025

Funding Amount: \$50,000

Research Theme 3: Harnessing the Digital Revolution for Sustainability and Education for All

The National Science Foundation (NSF) has a solicitation call for Improving Undergraduate STEM Education: Computing in Undergraduate Education

The Improving Undergraduate STEM Education: Computing in Undergraduate Education (IUSE:CUE) program aims to better prepare a wider, more diverse range of students to collaboratively use computation across a range of context and challenging problems.

Application Due Date: April 29, 2025

Funding Amount: \$7,500,000

Student Opportunities

RaMP-UP Fellows Program

Get a stipend of \$32,000 for a full year of participation. A roundtrip ticket to Panamá and lodging while at Smithsonian Tropical Research Institute facilities is included. Come away with a robust research experience, scientific products, an international professional network, a peer network, and strong mentors to advocate for your career. Applications for the 2025-2026 program will open on January 15,

2025 and close March 16, 2025.

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

[Click Here to Apply](#)

VentureWell's E-Team Program

The E-Team Program, part of the VentureWell Accelerator, supports student ventures as you embark down the path you're likely to take as an innovator and entrepreneur. We help you advance your invention through a powerful mix of up to \$25,000 in grant funding, entrepreneurship training, mentorship by dedicated staff, national recognition, and networking with peers and industry experts.

Do you have an idea that can change the world? Every year, we award over \$800,000 in non-dilutive E-Team grants to early-stage innovator teams that develop scalable innovations which aim to solve a large social, health, or environmental challenge.

[Click Here to Apply](#)

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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