



Office of Research, Innovation,
and Economic Impact

**INSTITUTE FOR A
SUSTAINABLE EARTH**
George Mason University®

Weekly Newsletter
March 10, 2025

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Announcements

Seed Grants for Living Lab Projects

Mason's Living Lab program continues to support the development of new research and scholarship initiatives. Mason faculty are invited to submit proposals for funding to support research projects that utilize Mason's campuses and socio-environmental systems to develop innovative solutions to local or global challenges and/or advance a novel sustainability-focused research agenda. Proposals will be considered from individuals or teams with a budget not to exceed \$25,000.

Proposal Due Date: Apr 25, 2025.

For more information read the [Request for Proposals](#) or contact malila@gmu.edu.

Faculty Grant Writing Support Program

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. 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). 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](#).

Faculty Grant Writing Support

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

Proposal Editing



Feedback on previously reviewed or nearly final applications in terms of proposal solicitation requirements.

Application Materials due **March 24**

Feedback Provided: **May 16**

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

Strategic RFP Analysis



Individual consultations to identify Requests for Proposals that match your research.

Consultations by **May 15**

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

Space is Limited

College of Humanities and Social Sciences and Office of Research Development

All application materials will remain confidential

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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: March 4, 6, 11, 13, 20, 2025, 9:00 AM - 12:00 PM

[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](#)

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 Burroughs Wellcome Fund is now accepting applications for the Climate + Health Excellence (CHEX) Centers opportunity.

The Burroughs Wellcome Fund announces the Climate + Health Excellence (CHEX) Centers award. This is a new institutional research and training opportunity that will help institutions bridge the gaps between fields that will have important roles to play in understanding the impacts of climate change on human health and diminishing their effects. This grant will support new discover toward defining the health impacts of climate change, developing potential interventions, translating discovery science into practical application, and outward-facing work that can help public understanding of Climate + Health or strengthen connection between research and communities whose health has been harmed by climate change.

Application Due Date: August 7, 2025

Funding Amount: \$10,000,000

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

The National Science Foundation (NSF) has an upcoming deadline for the Mathematical Foundations of Digital Twins (MATH-DT)

The Division of Mathematical Sciences (DMS) in the Directorate for Mathematical and Physical Sciences (MPS) at the National Science Foundation (NSF) and the Air Force Office of Scientific Research (AFOSR) plan to jointly support foundational mathematical and statistical research on Digital Twins in applied sciences. Recent years have witnessed a significant increase in the demand and interest in applications that involve collaborative teams developing and analyzing Digital Twins to support decision making in various fields, including science, engineering, medicine, urban planning, and more. This program encourages new collaborative efforts within the realm of Digital Twins, aiming at stimulation fundamental research innovation, pushing, and expanding the boundaries of knowledge.

Application Due Date: March 17,2025

Funding Amount: \$5,000,000

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.



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