

Announcements

2024 Mason's Living Lab Research Funding

A new funding opportunity is available to support on campus research projects within the Living Labs Initiative. The aim of the funding call is to provide resource to projects that utilize Mason's campuses and socio-environmental systems to develop innovative solutions to local or global sustainability challenges and/or advance a novel sustainability-focused research agenda. Energy management, carbon reduction, waste management, sustainable transportation, water and wastewater management, sustainable business practices, food systems, and campus sustainability culture and literacy are priority themes. However, researchers are encouraged to submit innovative proposals on other high impact topics.

[Click Here to Learn More](#)

New Minor in Sustainable Systems Engineering

Judit Ungvári of the Institute for a Sustainable Earth is collaborating with Shima Mohebbi, assistant professor in Systems Engineering and Operations Research (SEOR) in the College of Engineering and Computing, and with Jennifer Sklarew of the Department of Environmental Science and Policy in the College of Science, to incorporate sustainability, social justice, and community engagement into the undergraduate curriculum in systems and industrial engineering.

[Click Here to Learn More](#)

Graduate Advising and Mentoring

Welcome to the 2024 Mason Graduate Advising and Mentoring Questionnaire! Administered as a partnership by the Graduate Division and in alignment with the 2024 Graduate Student Experience Survey, this questionnaire provides faculty and staff with a unique formal opportunity to share their experiences and suggestions on graduate advising and mentoring. Your personal experiences will allow campus leaders to collect a comprehensive inventory on current practices and identify campus-

wide concerns to elevate support and recognition of all faculty and staff contributing to the success of graduate students.

[Click Here to Learn More](#)

News

- [Mason students work on international projects through Diplomacy Lab partnershi](#)
- [Mason moves Loudoun instructional site program offerings to Fairfax and Mason Square for increased efficiencies](#)
- [The Montano Student Investment Fund provides experiential learning for student leader](#)
- [Mason's success highlighted during SCHEV visit](#)
- [Why is Women's History Month important?](#)
- [After the Campaign: Schar School's Regional Elected Leaders Initiative Equips New Officials for Success](#)

Events

[Spring 2024 Peace Week](#)

Spring 2024 Peace Week will be held March 25th through March 29th. The Carter School Spring 2024 Peace Week titled Transforming Conflict, Enhancing Social Impact. The Carter School is committed to transforming violent and structural conflicts, generating changes that produce social impact. In the heart of this change is impactful innovation, inclusion, and equality of engagement and opportunity. Peace week will concentrate on discussing established effective practices and pioneering solutions to conflict prevention and transformation. Seminars, workshops and interactive sessions will present strategies, practices, and policies that enhance social impact.

March 25-29, 2024 | Click [here](#) to register

PEACE WEEK

IN-PERSON SESSIONS

George Mason University, Mason Square

HERE ARE SOME GREAT
EVENTS HAPPENING
IN-PERSON DURING
OUR 2024 PEACE
WEEK!

MARCH 25, 12 PM:

20th Century Artists Defying War

MARCH 27, 11:45 AM:

*Make Art! Participate in the Global
Art Project for Peace*

MARCH 26, 2:30 PM:

*Jimmy Carter's Trilateral
Commission...For the Arts*

MARCH 27, 4:30 PM:

*The Conflict Observatory: Advancing
War Crimes & Human Rights
Accountability*

MARCH 26, 4:30 PM:

*Contact Theory: Challenges and
Prospects of Applications*

*For more information and to
register for these sessions, visit:
<https://carterschool.gmu.edu/news-events/carter-school-peace-week>*

MARCH 27, 10 AM:

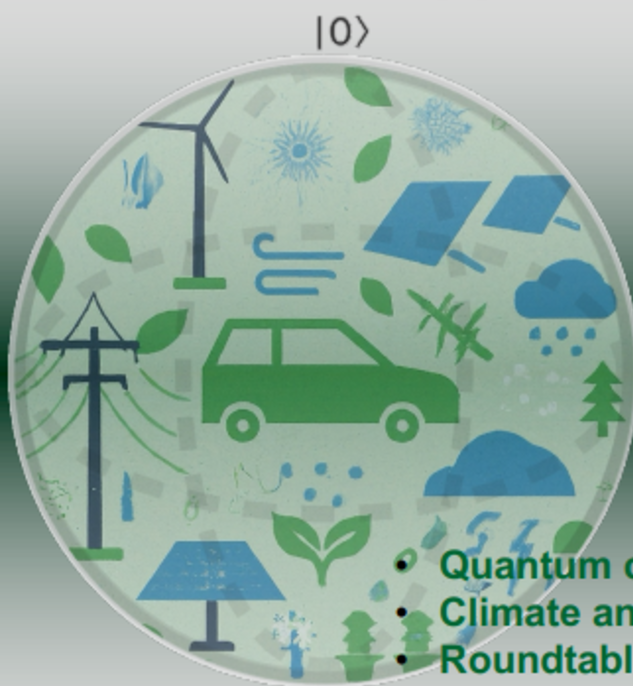
*History of US-Russian Dialogue:
Opportunities for Conflict
Transformation*





Quantum for Climate & Sustainability mini-workshop

Bring your research challenges!



1:00 – 2:30 pm

April 8, 2024

Johnson Center 327

- Quantum computing: cans and cannots
- Climate and sustainability case study
- Roundtable discussion: applications

**Quantum Science and Engineering Center
Center for Resilient and Sustainable Communities
Institute for a Sustainable Earth
Institute for Digital InnovAtion**

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

@STAR_TIDES
@GMU_CRASC

Accelerate Smart Cities Challenge

March 26 - May 16, 2024

The Accelerate Smart Cities Innovation Challenge will:

- Introduce solutions for **broadband, housing, transportation, health, water, food systems, education, infrastructure, energy, and public safety**
- Facilitate diverse cross-functional teams of talent with a shared purpose and passion to serve our community with tangible and innovative smart cities solutions
- Recruit those interested in smart cities innovation, particularly targeting underrepresented talent in technology and entrepreneurship
- Encourage the student teams to take their ideas to market
- Promote collaborators to local talent, including judging and mentoring opportunities
- Elevate and support nonprofit collaborators
- Enable thought leadership collaboration among organizers, collaborators, and teams
- Strengthen our regional technology ecosystem, while offering a scalable national event model

Click [here](#) to learn more.

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 Office of Energy Efficiency and Renewable Energy's (EERE) Advanced Materials and

Manufacturing Technologies Office has released a funding opportunity announcement for a Platform Technologies for Transformative Battery Manufacturing.

The goals of this FOA are to advance manufacturing platform technologies in the following specific areas: 1) platforms for next-generation battery manufacturing – focusing on manufacturability and scalability of critical battery components and system architectures as well as the role of machines for battery technologies; 2) smart manufacturing platforms for battery production – developing innovative ways to revolutionize battery production by maximizing the benefits of smart manufacturing.

Application Due Date: May 7, 2024

Anticipated Funding Amount: \$15,700,000

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

The Directorate for Education and Human Resources in NSF has announced a call for proposals addressing Racial Equity in STEM Education.

Proposals funded by this solicitation will: (1) substantively contribute to institutionalizing effective research-based practices, policies, and outcomes in STEM environments for those who experience inequities caused by systemic racism and the broader community; (2) advance scholarship and promote racial equity in STEM in ways that expand the array of epistemologies, perspectives, ideas, theoretical and methodological approaches that NSF funds; and (3) further diversify project leadership (PIs and co-PIs) and institutions funded by NSF.

Application Due Date: Oct. 8, 2024

Funding Amount: \$5,000,000

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

The NSF Directorate for Social, Behavioral and Economic Sciences has announced their Security and Preparedness (SAP) call for proposals.

The Security and Preparedness (SAP) Program supports basic scientific research that advances knowledge and understanding of issues broadly related to global and national security. Research proposals are evaluated on the criteria of intellectual merit and broader impacts; the proposed projects are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include (but are not limited to) international relations, global and national security, human security, political violence, state stability, conflict processes, regime transition, international and comparative political economy, and peace science.

Application Due Date: August 15, 2024

Funding Amount: Not Specified

Student Opportunities

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.

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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