Announcements

The Carter School for Peace and Conflict Resolution and the Institute for a Sustainable Earth will be hosting a SDGs Workshop and Training event on Friday, September 22, 2023. The session is aimed at providing an introduction to sustainable development and the 2030 Agenda, the role of higher education in advancing it, ideas for implementation on campus and beyond highlighting core areas of action for universities, and potential review mechanisms.

Click here to register.
Join us on October 9th for a one-day interdisciplinary symposium to gain a new perspective on water. This symposium is held in support of the Institute for a Sustainable Earth’s 17 Rooms-U at Mason Initiative and is co-sponsored by the GMU Office of Student Scholarship Creative Activities, & Research, Department of Mechanical Engineering, and the Potomac Environmental Research and Education Center.

Talks and posters will examine water in research, education, art, culture, and society, and highlight current work by Mason faculty, students, and staff and additional external partners and collaborators. Lunch and light refreshments will be provided.

Click here to register.
In the News

- $500K NIH grant will focus on interventions for youth substance abuse
- Public health benefits of zero-emission electric power generation in Virginia
  Dr. Luis E. Ortiz, George Mason University
- Lessons from the Origins of Community Engagement
  Elliot Meyer, Community Engagement Specialist at the Virginia Climate Center
- The Young and the Bold—Supporting Our Youth Taking on Climate Change
  Sophia Whitaker, Communications Manager at the Virginia Climate Center
- George Mason’s Forensics Program Fosters Next Generation of Detectives
Upcoming Events

Fall 2023 Peace Week: The Carter School Fall 2023 Peace Week is titled Building Peace in Partnership.

Monday, September 18, 2023 - Friday, September 22, 2023 | Click here to register.

Climate for Health: National Health + Climate Forum: The National Health + Climate Forum will bring together national, state, and local leaders from across health disciplines to share best practices, develop shared strategies to grow our impact, and commit to climate action that protects the public’s health — locally and nationally.

Wednesday, September 20, 2023 | Click here to register.

National Clean Energy Week: NCEW is a celebration of the policies, industries, and innovations that power our daily lives while producing no or very little greenhouse gas emissions. Despite the very real technological and political challenges, a clean energy future is in our reach, and America is ready to lead the way. Whether attending the Flagship Policymakers Symposium or hosting your own celebration, please join us in recognition of all that clean energy can bring energy independence, economic prosperity, and a more peaceful world.

Monday, September 25, 2023 - Friday, September 29, 2023 | Click here to register.

University Global Coalition: 2023 Annual Gathering: UGC will devote its 2023 Annual Conference (virtual) to furthering plans and actions from universities around the world to support the 17 Sustainable Development Goals, utilizing the 17 Rooms process developed by the Brookings Institution and The Rockefeller Foundation.

Monday, October 2, 2023, to Friday, October 6, 2023 | Click here to register.

C-RASC Lunch & Learn Series with David E. Leiva: “Green Dreams & Tumbleweeds In Greensburg, KS: A 15-Year Longitudinal Story on Post-Disaster

Wednesday, October 4, 2023, from 12:00 PM to 1:00 PM | 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 Department of Health and Human Services (DHHS) is issuing a call for proposals on Addressing the Impact of Structural Racism and Discrimination on Minority Health and Health Disparities.
The initiative will support intervention research that addresses structural racism and discrimination (SRD) in order to improve minority health or reduce health disparities. Research projects must address SRD in one or more NIH-designated populations with health disparities in the US and should address documented disparities in health outcomes.

Application Due Dates: October 10, 2023 (and again on October 9, 2024 and 2025)

Funding Amount: $2,500,000

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**Research Theme 2: Sustainable and Resilient Communities and Ecosystems**

The National Science Foundation (NSF) has released a Dear Colleague Letter on Critical Aspects of Sustainability (CAS): Innovative Solutions to Climate Change.

This Dear Colleague Letter (DCL) encourages the science and engineering communities to develop forward-thinking research that will demonstrably aid in the Nation’s goal of reaching net-zero greenhouse gas (GHG) emissions and developing approaches for adapting to the change that is already occurring.

Application Due Date: Continuous Submission

Funding Amount: $100,000

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

The National Science Foundation (NSF) has issued a call for proposals the EHR Core Research: Building Capacity in STEM Education Research program.

ECR's Building Capacity in STEM Education Research (ECR: BCSER) supports projects that build investigator’s capacity to carry out high quality STEM education research that will enhance the nation’s STEM educational enterprise. In addition, ECR: BCSER seeks to broaden the pool of researchers who can advance knowledge regarding STEM learning and learning environments, broadening participation in STEM fields, and STEM workforce development.

Application Due Date: February 23, 2024

Funding Amount: Maximum $350,000 for three years

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**Student Opportunities**

**AES Innovation Challenge**

The AES Energy Innovation Challenge is a competition that brings together teams of graduate students from diverse backgrounds to create and present solutions to relevant problems the energy industry is facing. We want to challenge aspiring energy professionals to explore new and potentially untapped solutions.
The AES Energy Innovation Challenge is a prize-based competition that provides students with an exciting opportunity to gain the real-world experience, skills, and insights required to help accelerate the responsible energy transition upon graduation — all while networking with leaders from a global Fortune 500 company dedicated to leading the transformation to smarter, greener energy future.

Click here to learn more.

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**The 2023 Virginia Climate Center Student Photo Competition**

The VCC is sponsoring a photo competition in collaboration with the Associated College Press and National Scholastic Press Association to depict climate change and climate change solutions through the lens of high school and college students residing in the Commonwealth of Virginia. Winning photos will be used to help educate Virginians about the local implications of global climate change and the benefits of climate solutions for us here in the Commonwealth.

Click here to learn more.

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**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