In the News

- Mason physicist receives NSF EAGER Award to guide computational search for practical superconducting materials.
- Fall Career Fair brought record number of job seekers and employers to campus.
- Hispanic and Latinx Patriots share their cultural touchstones for Hispanic Heritage Month.
- Student teams tackle tech industry challenges at PatriotHacks 2023
- Mason becomes the first verified college on Spokin food allergy app
- Mason’s Virginia Climate Center delivers vital research knowledge and resources for Mason and the commonwealth.

Upcoming Events

**Woman In Motion Documentary Event:** The College of Science STEM Accelerator, Women Leaders in STEM, and CVPA's Visiting Filmmakers Series are pleased to collaborate on a free screening and discussion of the documentary film Woman In Motion. Todd Thompson's documentary tells the story of Nichelle Nichols and her contribution to America's space program. *Hosted by the George Mason University College of Science.*

Monday, October 16, 2023 from 6:00 PM to 8:30 PM | Click [here](#) to register.
A Celebration of Legacy and Impact: Jimmy and Rosalynn Carter, Peacemakers and Leaders for Change: You are cordially invited to the Jimmy and Rosalynn Carter School for Peace and Conflict Resolution’s two-day symposium event—A Celebration of Legacy and Impact: Jimmy and Rosalynn Carter Peacemakers and Leaders for Change. Join us as we commemorate President and Mrs. Carter’s contributions to making the world more peaceful, with a charge for how we can collectively continue their good works. Hosted by the George Mason University Jimmy and Rosalynn Carter Center.

Monday, October 16, 2023 & Tuesday, October 17, 2023 | Click here to register.

Mason I-Corps: Taking Research to Market: Join us to learn about the George Mason University’s NSF I-Corps Program, part of the new Mid-South Hub led by Vanderbilt University! This is an evidence-based approach to assist researchers to take their research and innovations to market for real-world impact. Hosted by Mason I-Corps.

Friday, October 20, 2023 from 12:00 PM to 1:00 PM (ET) | Click here to register.

What Makes Us "Human" in the Digital Age? A CHR & IDIA Joint Symposium: The Center for Humanities Research (CHR) is partnering with the Institute for Digital InnovAtion (IDIA) to bring faculty from across George Mason University to engage on some of the thorniest, transdisciplinary problems of our times that must be addressed both humanistically and technologically. Hosted by the George Mason University Center for Humanities Research.

Friday, October 20, 2023 from 12:00 PM to 5:00 PM | Click here to register.

Bolstering Effective Conservation Advocacy: How to Get Elected Officials on Your Side: Join the Audubon Society of Northern Virginia, Faith Alliance for Climate Change, and the George Mason University Center for the Study of the Environment for a lunch and learn discussion on how to advocate for conservation and climate issues. Hosted by the Audubon Society of Northern Virginia and Faith Alliance for Climate Change.

Wednesday, October 25, 2023 from 12:00 PM to 1:00 PM (ET) | Click here to register.
Solutions, and the Loudoun Wildlife Conservancy for an afternoon of advocacy training on Saturday, October 21 from 1-4:30 p.m at the National Wildlife Federation headquarters located at 11100 Wildlife Center Drive, Reston, VA 20190. Attend this free training to build your knowledge, skills and confidence to get elected officials on your side of the issues. **Hosted by the Audubon Society of Northern Virginia.**

**Saturday, October 21st from 1:00 PM to 4:30 PM | Click here to register.**

**Mason Space Day 2023:** Mason Space Day is an exciting, collaborative, and engaging event, with an aim to educate the public on the technology and science behind some of the leading aerospace projects in the area. The day offers lectures from those at the forefront of space exploration and a number of organizations with hands-on space-related activities, educational information, and more. **Hosted by the George Mason University College of Science.**

**Sunday, October 23, 2023 from 3:00 PM to 9:00 PM | Click here to register.**

**Indo US Bridging RARE Summit 2023:** In the 40 years since the Orphan Drug Act was legislated in the USA, there is a growing understanding of the importance of rare diseases that affect over 30 million Americans. While the situation in Europe is similar, no such awareness exists in many parts of the world, such as India, which is home to over a quarter of the world’s population. It is time to change that, for the 1.5 billion people in India, and the 8 billion people across the world. **Hosted by the George Mason University Institute for Biohealth Innovation.**

**Sunday, October 29, 2023 & Monday, October 30, 2023 | Click here to register.**

**The Nexus of Emergency Management and Public Health: Public Administration Responses to the COVID-19 Pandemic:** Disasters are increasing in frequency and severity, but do not impact everyone equally—even in the same jurisdiction. Responding to, coping with, recovering from, and rebuilding after disasters are critical elements necessary for future planning and preparedness activities. Still, there are fundamental questions surrounding ethical challenges and administrative implications. Emergency and crisis management agencies and personnel have an obligation to protect citizens, including responding to public health challenges without discrimination. **Hosted by the George Mason University The Center for Resilient and Sustainable Communities.**

**Wednesday, November 1, 2023 from 12:00 PM to 1:00 PM (ET) | 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

Collaboration of Humanities and Social Sciences in Europe (CHANSE) announce a call for international social science research projects on Enhancing well-being for the future.

The goal of the Well-being call is to fund innovative social science research addressing one or more of the call themes: gender balance, academic age balance, geographical diversity, or knowledge exchange and impact. Researchers from the United States can participate as Cooperation Partner to an eligible country PI/PL.

Application Due Dates: March 26, 2024
Funding Amount: 1,500,000 EUR

Research Theme 2: Sustainable and Resilient Communities and Ecosystems

The National Oceanic and Atmospheric Administration (NOAA) has issued a funding opportunity for the Inflation Reduction Act: NOAA Climate Resilience Regional Challenge.

The NOAA Climate Resilience Regional Challenge will support collaborative approaches to achieving resilience in coastal regions with an emphasis on risk reduction, regional collaboration, equity, and building enduring capacity. The challenge seeks to transform the resilience of U.S. coastal communities, ecosystems, and associated economies to weather and climate impacts.
Research Theme 3: Harnessing the Digital Revolution for Sustainability and Education for All

The National Science Foundation (NSF) has an ongoing call for Manufacturing Systems Integration (MSI) proposals.

The Manufacturing Systems Integration (MSI) Program supports fundamental research addressing the opportunities and challenges that digital technologies present for the next industrial revolution – with particular emphasis on the digital integration of design and manufacturing within the larger life cycle ecosystem. MSI proposals should address underlying principles and advances that are generalizable for globally competitive and world leading industries. Connectivity, automation, and secure collaboration are examples of areas that are integral to digital environments capable of supporting the innovation, realization and sustainment of manufactured products and systems in the value creation process.

Application Due Date: continuous
Funding Amount: Not Specified

Student Opportunities

Next System Fellows

We are now accepting application for admission to the Spring 2024 cohort of Next System Fellows. Maybe you hope for a life in which you can make a real difference in the world. You seek a career in public service, research and education, social enterprise, activism, or advocacy. You need to build your practical experience and career networks. The Next System Fellows are a part of Mason's prestigious Arlington Fellows program. As a Fellow you will:

- Intern with a partner organization, union, or research group, or with Mason’s own Democratizing NOVA project.
- Set yourself up for a career in social and public service, organizing, research, technology, cooperative development, social entrepreneurship, teaching, and more.
- Learn about and engage directly with real world next system projects such as worker cooperatives and solidarity economy initiatives, community owned enterprises and services, campaigns for abolition and political democracy, transition and resilient communities, democratic and sustainable technologies, non-violent conflict resolution and restorative justice projects, and more.

Click here to learn more.

Impact Fellows Program
The Impact Fellows Program gives you the opportunity to expand your networks and build the skills needed to thrive as a well-rounded leader in today’s complex world. Through a comprehensive two-year program, you will learn about the UN Global Goals as a framework for the biggest challenges facing society and learn about how business can thrive while creating economic, social, and environmental value. The connections you make during this program will enable you to expand your interests, kickstart your career, and realize your full potential. Participating in the program will open doors throughout your time at Mason and beyond.

Click here to learn more.

The Energy and Climate Policy Fellows

The Energy and Climate Policy (ECP) Fellows program is for selected students interested in the nexus between energy/climate change and local community engagement. This program incorporates law, policy, equity, and modeling to take academic research beyond the classroom and into the community. This is a 15-credit academic program based at the Mason Square campus and incorporates an internship experience into the semester.

Click here to learn more.

José E. Serrano Educational Partnership Program with Minority Serving Institutions (EPP/MSI)

The EPP/MSI Undergraduate Scholarship provides funds for two years of undergraduate study to rising junior undergraduate students majoring in Science, Technology, Engineering and Mathematics (STEM) fields that directly support NOAA's mission. Participants conduct research at a NOAA facility during two paid summer internships. Since 2001, 219 students have completed the program and over 75% go on to graduate school.

Click here to learn more.

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.

---

**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.

---

**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