

## News

- [NSF grant will help enhance equity in math education through technology and data literac](#)
- [George Mason University honors former President Jimmy Carter with honorary degre](#)
- [George Mason Police help emergency efforts and assess storm damage from Hurricane Helene](#)
- [George Mason scientists harness AI for snow water equivalent forecasting in western United States](#)
- [Five George Mason researchers receive funding for Center for Climate Risks Applications](#)

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## Events

### Center for Infectious Diseases Research Conference

Nov 7, 2024, 9:00 AM - 5:00 PM

There is an exciting new conference from colleagues at the Center for Infectious Diseases Research (CIDR) on November 7, 2024, which covers the latest findings on viral, bacterial and other exotic and emerging pathogens. The meetings in on the Geroge Mason University Science and Technology Campus, and the talks will be from local leaders including NIH, FDA and some of the local universities including University of Virginia, Georgetown University and George Washington University.

This one-day meeting is expected to attract colleagues, students and other professionals (mix of academia and industry) interested in Diagnostics, Therapeutics, Novel Technologies that cover the infectious disease arena and Public health policies that impact national security. It is expected that ~100-150 people will attend and the registration is free compliments of CIDR. There will also be a tour of the BRL at GMU, which is the largest NIH funded facility in the States. Two confirmed Keynote speakers to date include Dr. Robert Redfield (former director of CDC) and Dr. Avi Nath (NIH clinical director for NINDS). There will be time for posters and company vendor showcases during the meeting.

[Click Here to Register](#)

# PROGRESS

PRoMoting Geoscience Research, Education, and SuccesS

Are you an undergraduate student who identifies as a woman and is interested in the earth and environmental sciences?

Participation begins with a one-day professional development workshop, where you will meet peers with similar interests, learn more about careers, and expand your network.

The 2024 workshop will be **Friday, November 8th 10:00 am - 4:30 pm** in UMD's Atrium in the Stamp Student Union.

*Your professors are not involved, and your decision to participate will have no bearing on your course grade or credit. Your application to participate will be confidential.*

In Fall 2024, we are welcoming students from the following schools:



Visit [col.st/fBQwO](https://col.st/fBQwO) or scan the QR code to **sign up for the workshop**



For more **information on the workshop** visit [col.st/HhwVE](https://col.st/HhwVE) or scan the QR code



PROGRESS is a mentoring program for you that is supported by the National Science Foundation.



[Click Here to Register](#)

## Aligning Water Infrastructures with Energy Transmission: Potential Lessons for Local Governments

Tuesday, November 12, 2024

12:00 PM - 1:15 PM (ET)

Please join George Mason University's Virginia Climate Center, the Northern Virginia Regional Commission, and DC Water for a webinar introducing Washington DC's success interconnecting water infrastructures and district energy systems to convey heat, enhancing the city's resilience to an increasingly variable climate.

[Click Here to Register](#)

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### **Climate Policy Colloquium**

December 15-19, 2024

Washington, D.C.

Attendees of the Climate Policy Colloquium will gain insight into the United States policy-making process and the climate policy landscape, explore emerging challenges and opportunities in climate science and policy, and examine the inner workings of government agencies working at the interface of science and policy.

Don't miss out on attending the inaugural year of this AMS climate policy immersion workshop!

[Click Here to Register](#)

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## **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 Environmental Protection Agency (EPA) has an updated call for The Environmental and Climate Justice Community Change Grant program.

The Community Change Grants will fund community-driven projects that address climate challenges and reduce pollution while strengthening communities through thoughtful implementation. The historic level of support will enable communities and their partners to overcome longstanding environmental challenges and implement meaningful solutions to meet community needs now and for generations to come.

Application Due Date: November 21, 2024

Anticipated Funding Amount: Varies

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

The Department of Health and Human Services has a funding opportunity announcement for Researouces Access for Preclinical Integrated Drug Development (RAPIDD) Program (X01 Climinal Trial Not Allowed)

The purpose of this FOA is to provide investigators working on the development of novel therapeutic products for HIV and HIV-associated co-infections (hepatitis B virus, hepatitis C virus, and Mycobacterium tuberculosis) with a mechanism to request NIAID DAIDS preclinical services to fill gaps in their product development efforts and facilitate the advancement of promising therapeutics from bench to clinics.

Application Due Date: January 18, 2025

Funding Amount: Not Specified

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

The Centers for Disease Control and Prevention (CDC) is soliciting applications for their Research Grants for Preventing Violence and Violence Related Injury (R01) funding opportunity.

The CDC is soliciting investigator-initiated research to support evaluation of innovative programs, practices, or policies to address risk for violence and inequities in risk for violence and to eliminate racial and ethnic inequities in risk for community violence. Innovative approaches are those that have not been rigorously evaluated for effectiveness in reducing community violence.

Application Due Date: December 2, 2024

Funding Amount: \$400,000

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## **Student Opportunities**

### Next System Fellows

"We are pleased to announce that Next System Studies is now accepting applications from George Mason University students to the Spring 2025 cohort of Next System Fellows!

Are you seeking a career in public service, research and education, social enterprise, community building, activism, or advocacy? Are you hoping to build practical experience and career networks in fields relevant to social change? Do you want to make a difference in the world – right here, right now?

If so, you should apply to become a Next System Fellow. The Next System Fellows are a part of Mason's prestigious Arlington Fellows program."

[Click Here to Register](#)

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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](http://ise.gmu.edu)

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