



## Announcements

### Anti-Racism and Inclusive Excellence Task Force Funding Announcement

The Office of Research Innovation and Economic Impact (ORIEI) in collaboration with the Anti-Racism and Inclusive Excellence (ARIE) Task Force is excited to announce the first annual ARIE Seed Funding Initiative. The ARIE Seed Funding initiative emerged as one of the recommendations from the ARIE Research Working Group and funded by the ARIE Task Force. This funding will support research, scholarship and creative activities addressing the myriad issues on the theme of anti-racism and inclusive excellence. Projects may be either highly scholarly or highly practical/applicable. The full Call for Proposal can be found on the Research Development website under "Funding Opportunities."

- Proposal Due Date: June 30, 2022
- Funding Decisions: August 15, 2022
- Funding Limit: Two tiers: Up to \$25,000 and Up to \$50,000
- Duration: 12-18 Months

ORIEI will be holding an Informational Q&A on Wednesday, May 18, 2022 12 - 1:30 pm ET. The link to the Zoom meeting is <https://gmu.zoom.us/j/92242188578>. Please feel free to send any questions you have in advance to [resdev@gmu.edu](mailto:resdev@gmu.edu).

### C-RASC Biannual Membership Meeting

Tuesday, May 10, 2022, 1 pm - 3 pm ET via Zoom

#### Registration

Are you interested in creating life-changing social and economic opportunities to support global communities through locally led resilience and sustainability initiatives? You're invited to join a virtual Biannual Membership Meeting hosted by the Center for Resilient and Sustainable Communities (C-RASC) on Tuesday, May 10, 2022 from 1pm – 3pm ET!

C-RASC is one of Mason's transdisciplinary research centers focusing on partnering with communities to develop solutions to resilience challenges. C-RASC engages scholars, students, practitioners, and partners in a variety of sectors (e.g., public, private, nonprofit) conducting

research that addresses such global and hyper-local issues as flood hazard resiliency, broadband, health systems, decarbonization and road maps, cyber protection, climate financial risk, and more. The C-RASC team is composed of faculty, students, scholars, and practitioners from fields such as engineering (all types!) and computing, geospatial information systems, public health, cybersecurity, logistics, conflict analysis and resolution, foreign policy, public policy, sociology, and public administration, to name a few.

After registering, you will receive a confirmation email containing information about joining the meeting. Contact [crasc@gmu.edu](mailto:crasc@gmu.edu) with any questions. To learn more about C-RASC, visit: <https://c-rasc.gmu.edu>.



## 25Live Guide – Feature Your Sustainability Events

The [Office of University Events](#), the [Institute for a Sustainable Earth](#), and the [Office of Sustainability](#) collaborated to develop this [25Live Guide](#) to increase the visibility of and engagement with your sustainability-focused events at Mason. 25Live is Mason's institution-wide event and academic scheduling system which dovetails with unit calendars such as [Today@Mason](#). Please use this [25Live Guide](#) to ensure your sustainability-focused events, whether they are in-person or virtual, are featured on Today @ Mason and through ISE and the Office of Sustainability.

# ISE Faculty Profiles

The [ISE faculty directory](#) is a tool for you to find others with complementing expertise and for external and internal audiences to find you! If you haven't yet submitted your research profile information for the directory, **please complete your profile [here](#)**.

## Upcoming Mason Events

### STAR-TIDES in a World of Interconnected Disruptions: A Fireside Chat with Linton Wells II, PhD

Tuesday, May 17, 2022, 4 pm - 4:50 pm ET

#### Registration

"STAR-TIDES in a World of Interconnected Disruptions: A Fireside Chat with Linton Wells II, PhD" will take place on Tuesday, May 17th, 2022, from 4 pm - 4:50 pm ET. The Founder of STAR-TIDES, Dr. Wells also serves as Executive Advisor at George Mason University's [Center for Resilient and Sustainable Communities](#). Aaron Rose, Founder and Managing Director of Global Tactics, and Chair of the STAR-TIDES Advisory Board, will moderate the conversation with Dr. Wells. Attendance is free, but please pre-register at <https://go.gmu.edu/FChat4>.

Coordinated through George Mason University's Center for Resilient and Sustainable Communities, [STAR-TIDES](#) is a global knowledge-sharing network that focuses on building sustainable resilience, promoting human security (freedom from want and freedom from fear), and creating life-changing social and economic opportunities.



### STAR-TIDES in a World of Interconnected Disruptions: A Fireside Chat with Linton Wells II, PhD

Tuesday, May 17th, 2022  
4:00-4:50 pm EDT

Register at:  
<https://go.gmu.edu/FChat4>



**Linton Wells II, PhD**  
Executive Advisor,  
Center for Resilient and  
Sustainable Communities,  
George Mason University



This event is produced in collaboration  
with the Silicon Valley Forum



Moderated by:  
Aaron Rose  
Founder, Global Tactics

@star\_tides

[www.star-tides.net](http://www.star-tides.net)

#STARTIDES

## In the News

- [Mason professor wants more support for mothers and children suffering from food insecurity](#), The George News, May 4, 2022.
- [Meet B4BW Impact Fellow: Ji Eun Kim](#), School of Business News, May 4, 2022.
- [Department of Social Work: Focusing on the Social Determinants of Health for 50 Years](#), College of Health and Human Services Research News, May 4, 2022.
- [Mason students inspired by connection with leaders of Peruvian indigenous group](#), The George News, May 2, 2022.

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## Funding Opportunities

### **NEW:** NSF-Disaster Resilience Research Grants

With this joint solicitation, [the NSF and the U.S. Department of Commerce \(DOC\) National Institute for Standards and Technology \(NIST\)](#) call for [proposals](#) for research to advance fundamental understanding of disaster resilience in support of improved, science-based planning, policy, decisions, design, codes, and standards.

- Important Informational Webcast: June 2, 2022 at 2 PM EDT
- Letter of Intent Due Date: June 20, 2022
- Current Closing Date for Applications: August 19, 2022
- Award Floor: \$200,000
- Award Ceiling: \$400,000
- Estimated Total Program Funding: \$3,100,000
- Expected Number of Awards: 12

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## COLLABORATIVE RESEARCH ACTION – Systems of Sustainable Consumption and Production

The Belmont Forum is pleased to announce the launch of the joint [Collaborative Research Action \(CRA\)](#) on the theme of Systems of Sustainable Consumption and Production. The call launched on 16 Feb 2022 with a closing date **10 May 2022**. Current patterns of global development, based on continuous extraction and exploitation of natural resources are unsustainable. An urgent societal transition to systems of sustainable consumption and production (SSCP) will be necessary to reach a sustainable equilibrium. This announcement is intended to inform interested individuals and groups of the research funding opportunity focused on the co-development of science and stakeholder-based approaches to attain SSCP.

Proposals must be submitted as a group, or “Research Consortium” to be deemed eligible for this call. Research Consortia require three or more consortium participants, representing at least three different countries, each requesting support from at least three participating funding organizations. Proposals submitted by a Research Consortium should include a strong and deliberate linkage between the societal and environmental aspects within Global Change to ensure that they meet the Belmont Challenge for international transdisciplinary research by providing knowledge for understanding, mitigating, and adapting to global environmental change.

This call aims to support activities spanning 3 years. All call documents and the submission portal are posted on the Belmont Forum Grant Operations website: [BFgo.org](https://BFgo.org). Additional information on this call and participating funders can be found [here](#).

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## Dear Colleague Letter: Design for Sustainability in Computing

This recently issued Dear Colleague Letter ([NSF 2022-60](#)) **Design for Sustainability in Computing** encourages the submission of novel and high impact proposals that advance sustainability in all aspects of computing to the [CISE Core programs](#) (NSF 21-616). The DCL invites transformative, cross-disciplinary and potentially clean slate approaches to enable sustainability across all levels of the entire computing stack from hardware to networking to software applications. Proposals should consider diverse notions of sustainability and propose suitable metrics for quantifying impact. Traditional energy efficiency and power savings methods alone are not in scope for this DCL. Computing techniques for sustainability in other fields are not in scope for this DCL. This DCL seeks ambitious and forward-thinking proposals on Design for Sustainability in Computing along multiple dimensions that go beyond energy efficiency.

This DCL neither constitutes a new competition nor a new program. Rather, interested proposers should prepare and submit proposals in accordance with the instructions in the CISE Core program solicitation ([NSF 21-616](#)) and the [NSF Proposal & Award Policies & Procedures Guide](#) (PAPPG). Additionally, to call attention to responsiveness to this DCL, the Project Summary should include "SustainabilityDCL" in the keyword list. **Proposals submitted to this DCL will count towards the proposal limits imposed in the CISE Core program solicitation.**

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## ORAU-Directed Research and Development (ODRD) Program Call for Proposals

[Directed Research and Development \(ODRD\) program](#) is a research and development program that supports collaborations between Oak Ridge Associated Universities researchers and faculty at member universities. George Mason University is a member of [Oak Ridge Associated Universities \(ORAU\)](#) and this funding opportunity is only open to the ORAU members. Led by ORAU subject matter experts and leveraging the talents and expertise of member universities, ODRD projects strengthen and expand the scientific and technical capabilities of both parties.

The FY23 research areas are *Climate and Environment, Health Equity, and Future of the STEM Workforce*. Proposals are due in June 2022, and must be submitted by ORAU staff. Awards are



## Partnerships for Innovation

The [Partnerships for Innovation \(PFI\) Program](#) within the Division of Industrial Innovation and Partnerships (IIP) offers researchers from all disciplines of science and engineering funded by NSF the opportunity to perform translational research and technology development, catalyze partnerships and accelerate the transition of discoveries from the laboratory to the marketplace for societal benefit.

- **Funding source:** National Science Foundation
  - **Anticipated funding amount:** Up to \$550,000
  - **Deadline:** July 13, 2022
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## NSF 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 emissions and developing approaches for adapting to the change that is already occurring. CAS: Innovative Solutions to Climate Change is a call to action that encourages the submission of certain types of proposals to appropriate existing NSF core programs to lay the foundation for disciplinary and interdisciplinary research and to answer fundamental questions related to novel approaches and solutions to climate change.

- **Funding source:** National Science Foundation
  - **Anticipated funding amount:** Up to \$100,000
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## Student Opportunities

### Spring Resiliency Academy

The Spring 2022 Resilience Academy is a free opportunity for students to learn about resiliency efforts at the local, state, and federal levels. Students can register as a "Special Guest" with the codes below for no cost. Attendees have the option of registering for all sessions at once or they can select individual sessions from the series.

#### Event Details:

**May 12th** - Session 3: Ecosystem Services: Green Infrastructure Utilized

#### **Register for Session 3**

Students can use code: **RA2022S3SG** to get free registration for Session 3 - Ecosystem Services: Green Infrastructure Utilized

**June 9th** - Session 4: Infrastructure & Buildings: Transportation Progress Report

#### **Register for Session 4**

Students can use code: **RA2022SGS4** to get free registration for Session 4 - Infrastructure & Buildings: Transportation Progress Report

**Register for all sessions here.** Students can use code: **RA2022S5SG** to get free registration for all sessions.

Cost: \$25/session or \$75 for all sessions; **Students and Resilient Virginia Members are free**



**REGISTRATION OPEN!  
SPONSORSHIPS AVAILABLE!**

## **COMPONENTS OF A RESILIENT COMMUNITY**

**FOUR WEBINARS • FREE FOR MEMBERS**

<b>MARCH 10</b> <b>Economic Activities: Innovative Financing</b>	<b>APRIL 7</b> <b>Community Action: Tools for Resiliency Planning</b>
<b>MAY 12</b> <b>Ecosystem Services: Green Infrastructure Utilized</b>	<b>JUNE 9</b> <b>Infrastructure &amp; Buildings: Transportation Progress Report</b>

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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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