



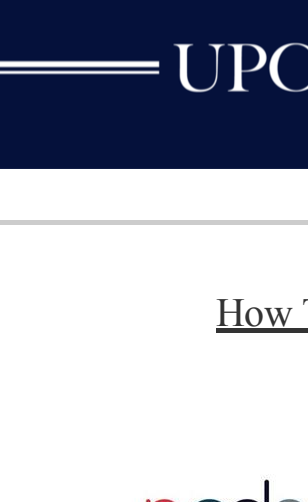
## THE WEEKLY

Dear Colleagues,

Please share the following opportunity with your students:

The Microsoft Garage is hosting a two-hour **Student Ideathon** on April 14 at 4 p.m. Please nominate students by emailing [ida2@gmu.edu](mailto:ida2@gmu.edu) and include the student's full name, major, standing, department, and school information.

## RESEARCH SPOTLIGHT

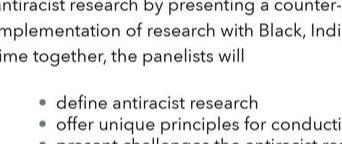


James Casey is an assistant professor in the Computer Game Design program at George Mason University and is the interim director of the Virginia Serious Game Institute (VSGI), which is designed around three tenets: outreach, incubation, and applied research. The VSGI has done research and work for several organizations, including the Air Force, FEMA, the Department of State, the Army, and more.


[Learn more](#) about Casey and the VSGI.

## UPCOMING EVENTS

### How To Be An Antiracist Researcher



**How to Be An Antiracist Researcher**



Thursday  
**April 7<sup>th</sup>**  
12 PM ET

#### Event description:

Antiracist researchers combat inequality and racism by conceptualizing, implementing, and disseminating research that dismantles racism, oppression, discrimination, and structural inequalities. This presentation offers participants an opportunity to learn how to engage in antiracist research by presenting a counter-narrative to the traditional conceptualization and implementation of research with Black, Indigenous, and People of Color (BIPOC). During our time together, the panelists will

- define antiracist research
- offer unique principles for conducting antiracist research
- present challenges the antiracist researcher will encounter
- offer practical recommendations

**PANELISTS**



- Dr. Trenette Goings**  
UNC School of Social Work
- Dr. Faye Belgrave**  
Virginia Commonwealth University (VCU), main campus
- Dr. Maghboobah Mosavel**  
Virginia Commonwealth University (VCU), medical campus



[https://bit.ly/NCDS\\_AntiracistResearcher](https://bit.ly/NCDS_AntiracistResearcher)

### NSF Solicitation Webinar on Research Security Training for the United States Research Community

The National Science Foundation, in partnership with the National Institutes of Health (NIH), the Department of Energy (DOE), and the Department of Defense (DOD), is seeking proposals for the development of online training modules designed to promote the understanding of research security for researchers and other key personnel whose work is supported by federally funded research awards at awardee organizations. This training is an essential step toward mitigating foreign government risks and threats to U.S. government-funded research and may be used to partially fulfill the research security program requirement in NSPM-33.

Deadline: **Wednesday, April 20, 2-3 p.m. EDT**

Register [here](#).

### Planning for a Productive Summer Workshop

**INTERACTIVE WORKSHOP SERIES**

Co-sponsored by Faculty Affairs & Development and Office of Research  
Academic Year 2021-2022



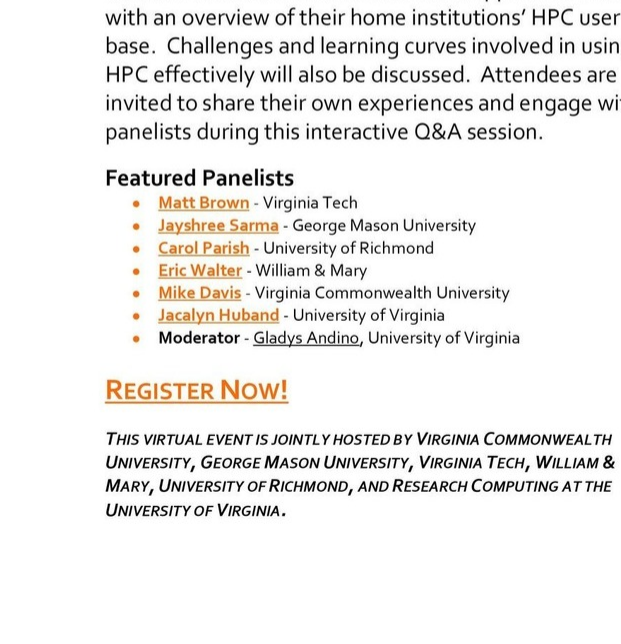
Faculty Affairs and Research Development Services will host the final interactive workshop of the semester on April 18. This workshop, facilitated by three Mason faculty members, will focus on identifying and making plans for achieving those (sometimes) elusive summer goals. We encourage you to attend and please share broadly with your colleagues.

Event date: **Monday, April 18, 1:30-3 p.m.**

Register [here](#).


## STUDENT OPPORTUNITIES

### Break Through Tech at George Mason University Guild Program



**DC Metro 2022**

**BREAK THROUGH TECH**



### Be a part of Guild.

The Guild program at George Mason University — part of the **Break Through Tech Initiative** — is designed to inspire more women to explore computing degrees and pursue tech careers in the future. Guild is a paid one week workshop designed for incoming students and undergrads to help them gain hands-on experience with coding, digital product development, and technology creation through the lens of a “real world challenge.”

**Program dates**  
Our next Guild program will run from  
**June 6 - June 10, 2022**

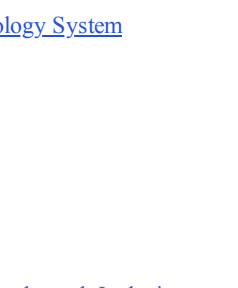
**What to expect**  
**Community:** With so much work and study being online, how can we make meaningful connections to others?

**Design:** How can we work with others to understand and work on solutions to real-world problems?

**Programming:** How do I use programming tools to get user input, process data, and provide meaningful output?

**Careers:** What do industry professionals advise in their roles as mentors? What do computing jobs look like?

**Study:** What are the next steps for exploring a tech career? What is the pathway to graduate with a major or minor in Computer Science and Information Technology from Mason?



Apply here

## VARIOUS OPPORTUNITIES

### Virginia Women in HPC - Supercomputing For Everyone

#### VIRGINIA WOMEN IN HPC SUPERCOMPUTING FOR EVERYONE

**WHEN**  
April 27<sup>th</sup>, 2022  
1:00 pm – 2:00 pm

**TOPIC:** The High-Performance Computing landscape at VA-WHPC member institutions.

**WHAT**  
Our panel of research computing professionals will describe available infrastructure and support resources with an overview of their home institutions' HPC user base. Challenges and learning curves involved in using HPC effectively will also be discussed. Attendees are invited to share their own experiences and engage with panelists during this interactive Q&A session.

#### Featured Panelists

- **Matt Brown** - Virginia Tech
- **Jayshree Sarma** - George Mason University
- **Caroli Parikh** - University of Richmond
- **Eric Walter** - William & Mary
- **Mike Davis** - Virginia Commonwealth University
- **Jacalyn Hubbard** - University of Virginia
- **Moderator** - Gladys Andino, University of Virginia

#### REGISTER NOW!

THIS VIRTUAL EVENT IS JOINTLY HOSTED BY VIRGINIA COMMONWEALTH UNIVERSITY, GEORGE MASON UNIVERSITY, VIRGINIA TECH, WILLIAM & MARY, UNIVERSITY OF RICHMOND, AND RESEARCH COMPUTING AT THE UNIVERSITY OF VIRGINIA.



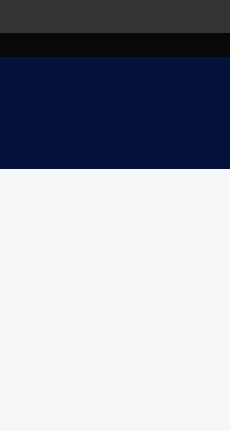
### Design for Sustainability in Computing

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 software applications.

Proposals should consider diverse notions of sustainability and propose suitable metrics for quantifying impact. Traditional energy efficiency and power saving 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.

Deadline: **Ongoing for small projects**

Learn more [here](#).



## FUNDING OPPORTUNITIES

[United States Military Academy Broad Agency Announcement - Department of the Army](#)

Deadline: Continuous

[C4ISR, Information Operations, Cyberspace Operations and Information Technology System Research, Cryogenics & Quantum - Department of the Navy](#)

Deadline: Continuous

[Campus Cyberinfrastructure \(CC\\*\) - National Science Foundation](#)

Deadline: June 27, 2022

[Gen-4 Engineering Research Centers \(ERC\) Convergent Research and Innovation through Inclusive Partnerships and Workforce Development - National Science Foundation](#)

Deadline: September 2, 2022

## AWARDS

#### Congratulations to:

**Mack, Jessica R.**, from the [College of Humanities and Social Sciences](#) for receiving the University of Luxembourg grant on *Tropy 3: Expanded Outreach, Large Scale Projects, and Third-Party Integrations*.

**Vollmecke, Eric W.** from the [College of Engineering and Computing](#) for receiving the Air Force Research Laboratory grant on *Phase I STTR - Leveraging an Edge Based Cross-Domain Service Framework to Simplify Planning*.

**Zeng, Kai** from the [College of Engineering and Computing](#) for receiving the National Science Foundation grant on *Collaborative Research: NSF-AoF: CNS Core: Small: Secure Wireless Powered Backscatter Communication for IoT*.

## IDIA AFFILIATION

Did you know that, as an IDIA faculty affiliate, you are eligible to:

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Receive support for [IDIA relevant events](#)

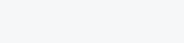
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Become part of the [dynamic multidisciplinary faculty network](#), focused on digital techniques and technologies to advance fields as diverse as finance, education, built infrastructure, science, economics, agriculture, health, transportation, entertainment, national security, and social justice.

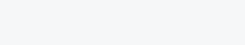
There is no financial burden to you or your departments for affiliation with the institute. Participation in IDIA does not prevent its members from being associated with other university centers. If you are not already affiliated, we encourage you to submit your profile [here](#).

#### SHARE WITH US

We are eager to hear from you! As we work with your colleges to compile updates on digital innovation-related research activities at Mason, we would love to hear about your research activities, awards, and recent publications. Please share any successes, concerns, or ideas with us at [ida2@gmu.edu](mailto:ida2@gmu.edu)



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