



THE WEEKLY

Dear Colleagues,

The [Institute for Digital Innovation \(IDIA\)](#) is launching its IDIA CONNECT series to connect Mason faculty, researchers, and students with industry and non-governmental organizations, as well as local, regional, and national government entities.

Join our first IDIA CONNECT event, where we connect you with Figure 8 Federal.

RSVP [here](#).

Deadline: September 29, 2022, at 5:00 pm



Institute for Digital Innovation

IDIA CONNECT SERIES

September 30, 2022, 1 - 2 PM
Zoom Meeting Information sent over email

The Institute for Digital Innovation (IDIA) is launching its IDIA CONNECT series to connect Mason faculty, researchers, and students with industry, non-governmental organizations, as well as local, regional, and national government entities.

Join us for our first IDIA CONNECT event, where we connect you with **figure eight FEDERAL**

Learn more at [idia.gmu.edu](#)
Not subscribed to our weekly newsletter?
Email idia2@gmu.edu

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UPCOMING EVENTS

IDIA New Faculty Welcome Event

IDIA is so excited you have joined Mason. Come meet the [Institute of Digital Innovation \(IDIA\)](#). Learn about what IDIA offers and how you can connect to its research infrastructure.

RSVP [here](#).

Deadline: October 5, 2022, at 5:00 pm



Welcome NEW FACULTY

OCTOBER 14 | 12-1PM
Research Hall, 162, Fairfax Campus

Join Us

Come meet the Institute of Digital Innovation (IDIA).
Learn about what IDIA offers and how you can connect to its research infrastructure.
Light refreshments will be provided.



ACM EAAMO Conference

The Department of Computer Science is hosting ACM EAAMO, the Conference on Equity and Access in Algorithms, Mechanisms, and Optimization, in partnership with GMU IDIA, at GMU's Mason Square campus in Arlington from October 6-9! Registration is now open [here](#).

The goal of this event is to highlight work where techniques from algorithms, optimization, and mechanism design, along with insights from the social sciences and humanistic studies, can improve access to opportunity for historically underserved and disadvantaged communities.

The conference aims to foster a multi-disciplinary community, facilitating interactions between academia, industry, and the public and voluntary sectors. The program will feature keynote presentations from researchers and practitioners as well as contributed presentations in the research and policy & practice tracks.

There will be a series of keynote speakers from a variety of fields: Marcella Alsan (Professor of Public Policy, Harvard Kennedy School), Sello Mkwena (Senior Lecturer and Head of Department, Tshwane University of Technology), Neema Iyer (Founder and Director of Policy, Practitioner Fellow, Digital Civil Society Lab, Stanford PACS), Karen Nislowitz (Professor in Industrial Engineering and Management Sciences, Northwestern University).

Questions? Contact Sanmay Das at sanmay@gmu.edu

Connecting Technology and Humans

[CAHMP](#) is excited to announce an upcoming mini-symposium, themed around "Connecting Technology and Humans," to be held on Oct. 5, Wednesday at 1-3 pm, Research Hall 163.

This seminar invites three faculty members from inside and outside of Mason and from distinctive backgrounds to talk about their recent research as well as participate in a panel discussion on related topics. There will also be a networking session.

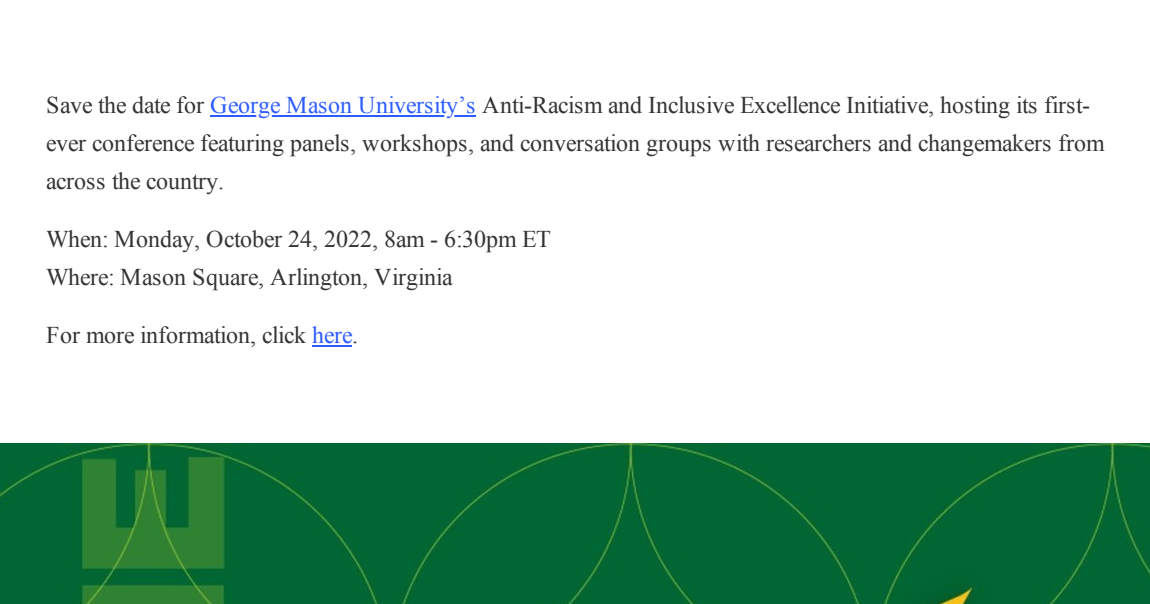
Click [here](#) for more information.

Richard King Mellon Foundation Pitch

The Richard King Mellon Foundation has launched the Social-Impact Investment Pitch Challenge. The Foundation is looking to invest in novel products, technologies, or services from social-mission-oriented startups and for-profit companies.

Three winners will be selected, each receiving investments between \$250,000 and \$500,000.

If interested, apply [here](#).



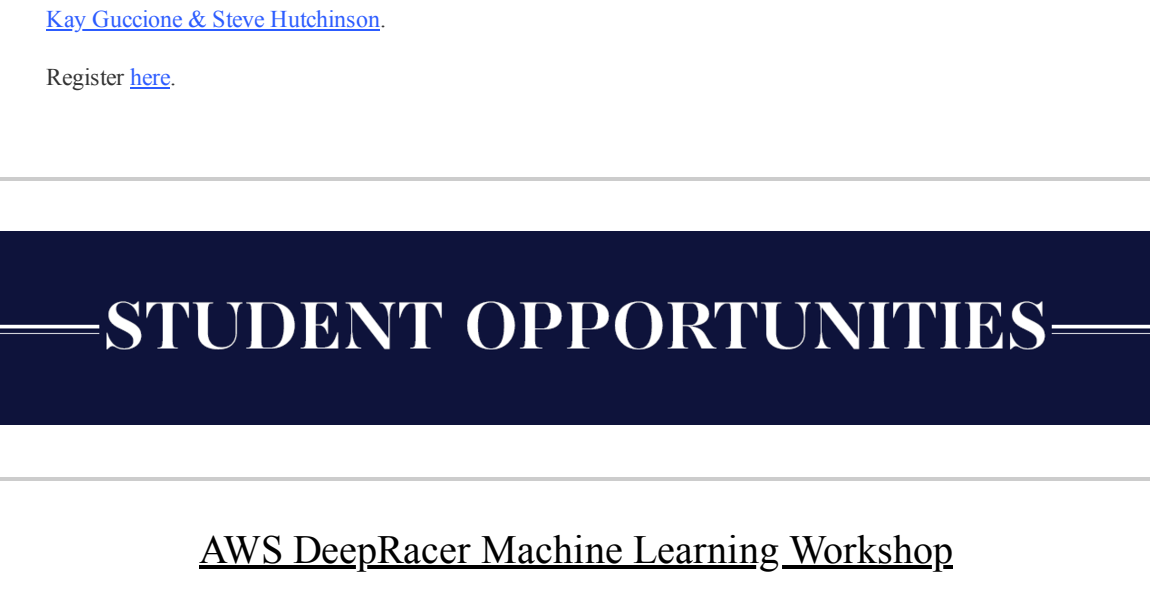
NEW FOR-PROFIT SOCIAL-IMPACT PITCH COMPETITION

Application Deadline: October 10, 2022

LG NOVA Mission for the Future 2022 Pitch

The second annual [LG NOVA Mission for the Future 2022](#) global search is now accepting applications. LG NOVA is looking to invest and partner with emerging technology startups at all stages, large and small, to build innovative new business units and help create the next unicorn.

[Apply](#) today and be a part of a new future!



MISSION FOR THE FUTURE THE NEW & THE NEXT Global Search

62nd Sanibel Symposium

The Theory Meeting for Theoreticians

The largest annual meeting in the quantum theory of atoms, molecules, and materials will return to the state of Florida in 2023 and will be held at the Embassy Suites Hotel in St. Augustine Beach, FL.

The 'Sanibel Meeting' emphasizes developments in the fields of quantum chemistry and many-body quantum mechanics in molecular and materials physics. The 2023 meeting will feature various topics dealing with quantum theory and its role in molecules, materials, computing, and information. Many of those new developments will build upon themes that have been nurtured by the influence of the Sanibel meeting on the field, and presentations will be made by established experts.

For more information, click [here](#).

If you are interested, register [here](#).


Any questions? Email sanibel@qtm.ufl.edu

Anti-Racism and Inclusive Excellence Conference

Save the date for [George Mason University's](#) Anti-Racism and Inclusive Excellence Initiative, hosting its first-ever conference featuring panels, workshops, and conversation groups with researchers and changemakers from across the country.

When: Monday, October 24, 2022, 8am - 6:30pm ET
Where: Mason Square, Arlington, Virginia

For more information, click [here](#).



SAVE THE DATE

Faculty Matters Workshop Series

The next Faculty Matters Workshop Series, which is co-sponsored by the Office of Faculty Affairs and Development and Research Development for Fall 2022, is on October 6th from 1:00-2:30 pm on Zoom. The workshop series is designed to address key issues central to faculty development and success. The October workshop series, How to Ethically Mentor, Author, and Collaborate, focuses on engaging with colleagues about best practices when considering the ethical dimensions of your scholarly work and collegial relationships. Participants will have the chance to win a free book, [Coaching and Mentoring for Academic Development](#), by [Kay Guccione](#) and [Steve Hutchinson](#).

Register [here](#).

STUDENT OPPORTUNITIES

AWS DeepRacer Machine Learning Workshop

Future Data Scientists & ML Engineers!

Attend the AWS DeepRacer Machine Learning Workshop hosted by Unissant!

- AWS experts will guide you through ML journey from the classroom to the track.
- Experiment with multiple sensor inputs, the latest reinforcement learning algorithms, neural network configurations and simulation to real domain transfer methods.
- Compete with other racers for bragging rights and an award for the winner!



Virtual Workshop
11/8/22 (4-6pm)

In-Person Race
11/10/22 (1-5pm)

Unissant, Inc.
12901 Worldgate Dr.
Suite 600
Herndon, VA 20170

Registration

<https://unissant.us/aws-deepracer-registration/>


Learn More

<https://aws.amazon.com/deepracer/>

On Campus Interviews Opportunity

Interviewing made easy! Top employers are willing to come to campus to interview Mason students for jobs and internships. Login to [Handshake](#). Go to Jobs. Filter by Interviewing on Campus. Participating employers include Micron, Clark Construction, Deloitte, Unison, CGI, CACI, etc.

Check Handshake today – deadlines are coming up soon!



ON-CAMPUS INTERVIEWS

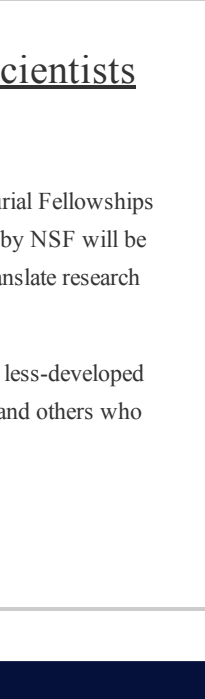
Historically Underserved Doctoral Students

Connecting and Thriving in the Academy

Learning how to develop a network of peer academics from your discipline is an important skill for doctoral students and new faculty. In this conversation, Dr. Aurora Chang—Director of Faculty Development and Career Advancement in the Office of Faculty Affairs and Development and a coach for the National Center for Faculty Development and Diversity—will lead a conversation about the importance of relationship building and thriving in academic spaces.

MONDAY, OCT. 17, 2:45-4PM

REGISTER AT <https://cglink.me/207/r1730009>



VARIOUS OPPORTUNITIES

Mason Impact Mini Grants

MINI GRANTS

Mason Impact MINI Grants support undergraduate student projects which fit under the Mason Impact umbrella.

MINI Grants may fund research, creative, community engagement, entrepreneurship, and global projects.

Students may not be receiving other funds to complete this project from OSCAR or CECIL during the semester they apply.

If funded, students will be expected to submit their project to the Office of Undergraduate Education as a Mason Impact Project.

Applications reviewed on a rolling basis throughout the semester.

Mason Impact Micro Grants

MICRO GRANTS

If you are teaching a Mason Impact, a Research and Scholarship (RS), a Civic Engagement (CECL), or an Entrepreneurship (ENTR) course, you are eligible for a MICRO grant. These grants are for materials, supplies, class trips or other expenses that you need to teach your Mason Impact course. Faculty are eligible for this grant once an academic year. Applications are reviewed on a rolling basis throughout the semester. To apply for this grant, follow this link https://webportalapp.com/sp/login_saml/microgrant

Coleridge Initiative Democratizing our Data Challenge

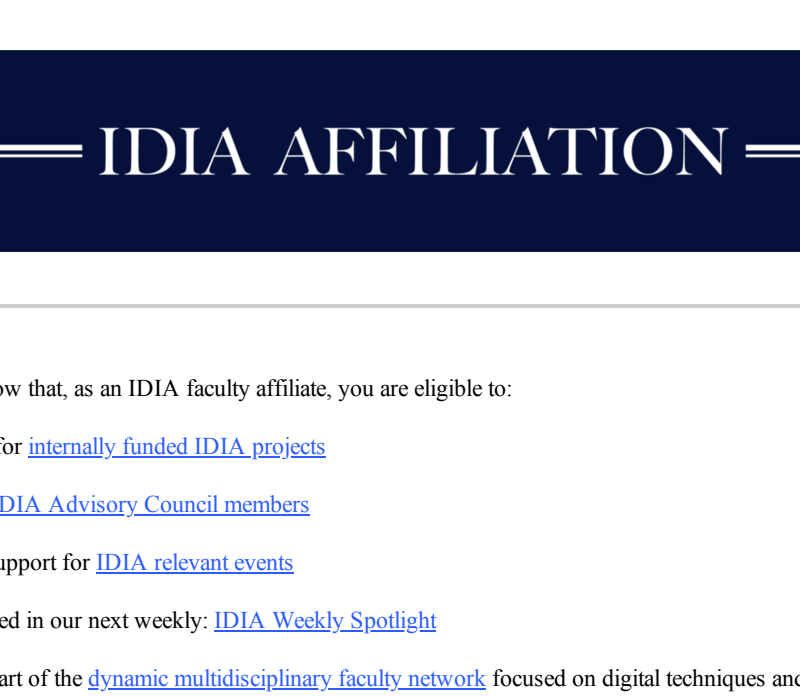
The deadline for submitting a Letter of Intent for Round 2 of the 'Coleridge Initiative's Democratizing our Data Challenge' is on September 30, 2022.

The goal of this challenge is to support the collaboration of state agencies within and across state lines to transform the secure and safe use of data and evidence to inform policy.

For more information, visit the [website](#).

Submit a Letter of Intent [here](#).

For questions, email datachallenge@coleridgeinitiative.org.



NSF Entrepreneurial Fellowships for Engineers and Scientists

The U.S. National Science Foundation announced a new \$20 million investment in Entrepreneurial Fellowships through a multi-year cooperative agreement with Activate.org. The Activate Fellows supported by NSF will be scientists and engineers from a variety of backgrounds and regions across the U.S. who will translate research breakthroughs to new products and services with broad societal benefits.

The Entrepreneurial Fellowships will help make entrepreneurship more accessible for people in less-developed innovation ecosystems, expanding geographic diversity and increasing participation of women and others who have been traditionally underrepresented in science, technology, engineering, and mathematics.

More information [here](#).

FUNDING OPPORTUNITIES

[Funding for Faculty & Students to build careers in HPC, computational and data science](#)

Application Deadline: October 14, 2022

[Jefferson Science Fellowship](#)

Deadline: October 18, 2022

AWARDS

Congratulations to:

Lee, Myeong from the [College of Engineering and Computing](#) for receiving the National Science Foundation (NSF) grant on *Collaborative Research: HCC-MEDIUM: Understanding the Present and Designing the Future of Risk Prediction IT in Fire Communities*.

Costa, Paulo Cesar from the [College of Engineering and Computing](#) and co-PhD **Wiesockera, Duminda** for receiving the Shared Spectrum Company grant on *ADS-Bee: Distributed Key Management for UAM Networks*.

Atencio, Eduardo E Lopez from the [College of Science](#) for receiving the Army Research Institute grant on *The Multiscale Network Picture of Personnel Dynamics in Organizations*.

Ascoli, Giorgio from the [College of Engineering and Computing](#) for receiving the US Department of Energy (US DOE) grant on *CRNS22 Learning Rules in the Hippocampus and their Mapping to Neuromorphic Systems*.

Costa, Paulo Cesar from the [College of Engineering and Computing](#) for receiving the Brazilian Army Commission grant on *System of Command and Control Systems S4C2*.

IDIA AFFILIATION

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

- Compete for [internally funded IDIA projects](#)
- Serve as [IDIA Advisory Council members](#)
- Receive support for [IDIA relevant events](#)
- Get featured in our next weekly: [IDIA Weekly Spotlight](#)

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 idia2@gmu.edu

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