



THE WEEKLY

Dear New Faculty,

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

RSVP [here](#).

Deadline: **October 7, 2022, at 5:00 pm EST.**



UPCOMING EVENTS

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 Mokwena (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 Smilowitz (Professor in Industrial Engineering and Management Sciences, Northwestern University).

Questions? Contact Sammy Das at sammyd@gmu.edu

Supply Chain of the Future



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.

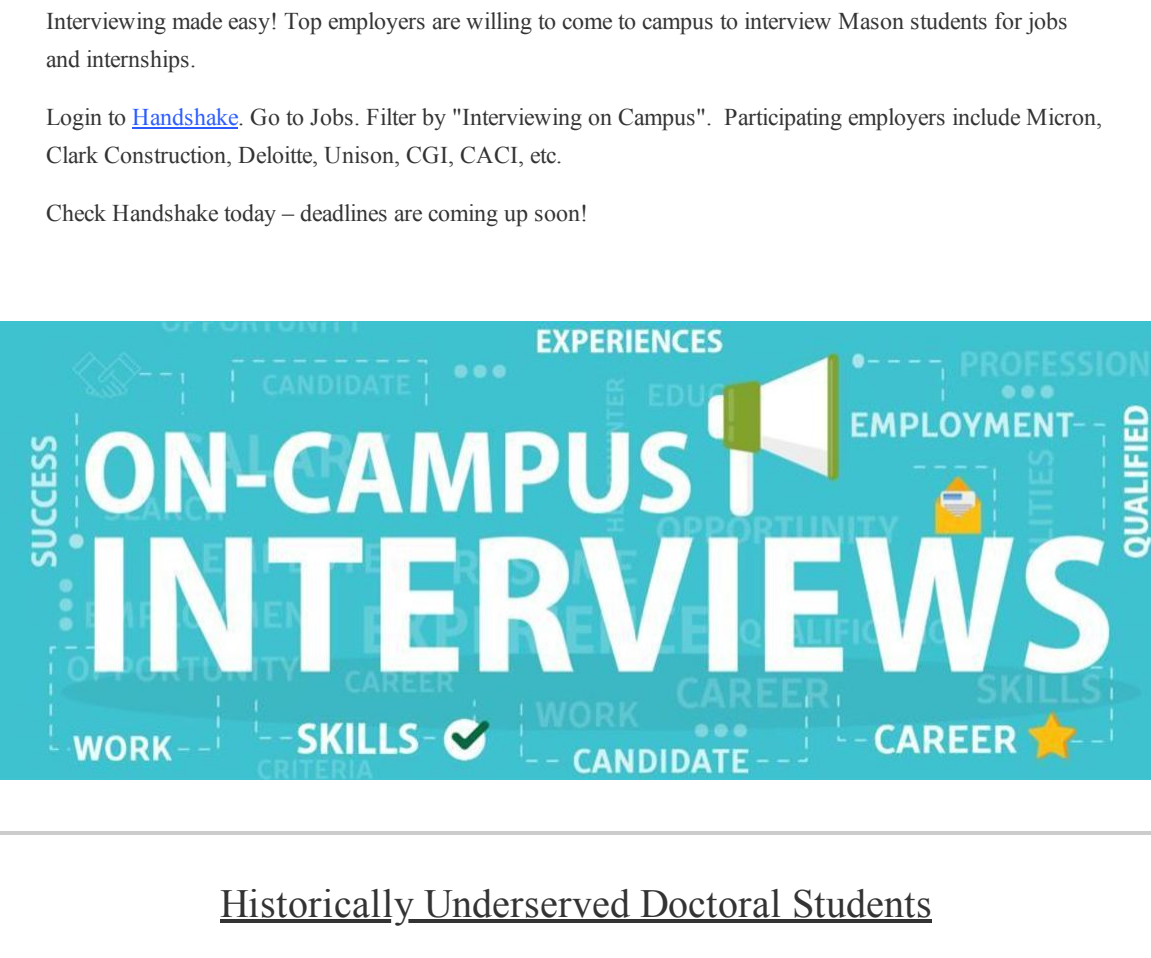
If interested, apply [here](#).



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!



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 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@gtp.ufl.edu.

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.

Log in to [Handshake](#). Go to Jobs. Filter by "Interviewing on Campus". Participating employers include Micon, Clark Construction, Deloitte, Unison, CGI, CACI, etc.

Check Handshake today – deadlines are coming up soon!



Historically Underserved Doctoral Students

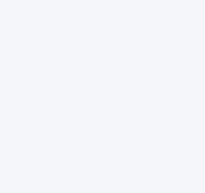
Historically Underserved Doctoral Students:

Connecting and Thriving in the Academy

Learn 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 networking in academic spaces.

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

REGISTER AT [HTTPS://CGLINK.ME/2D7/R1730009](https://cglink.me/2D7/R1730009)



VARIOUS OPPORTUNITIES

Request For Proposal: Digital Chisel

CIA DDI is seeking white papers outlining potential solutions for managing legal holds. These legal holds require data and records to be preserved and streamlined in order to improve the records management process. White papers may be selected for formal request for proposal, and possibly for a prototype development. The software solution would perform electronic discovery, processing, logging, inventory, audit, ingestion, document review, data recovery, and production tasks accurately and in a timely manner.

The SOO for the BAA is available [here](#). The current CONOPS is available [here](#).

Questions? Contact Mike Bunting at mbunting@gmu.edu

Deadlines:

Questions are due **Monday, October 17 by 5:00 pm EST.**

White papers are due **Monday, October 24 by 5:00 pm EST.**

Annotated Malicious Binaries and Surrogate Source Code for Authorship Exploration

IARPA is seeking information about annotated binary and source code datasets to explore authorship (for benign tools, malicious tools, or penetration testing tools) that have been annotated with relevant information that could be obtained and made available to researchers in potential future programs. This RFI is issued for planning purposes only and does not constitute a formal solicitation for proposals or suggest the procurement of any material, data sets, etc., and it is intended to serve as due diligence to assist in identifying potential datasets which may not be as easily identified through a scientific literature review.

Deadline:

Tuesday, October 11 by 5:00 pm EST.

More information is available [here](#).

Postdoctoral Research Fellowships

The Division of Atmospheric and Geospace Sciences (AGS) offers 2-year Postdoctoral Research Fellowships (PRFs) to provide opportunities for scientists early in their careers to obtain training beyond their graduate education. The AGS-PRF is intended to recognize beginning investigators of significant potential and provide them with research experiences that will broaden perspectives, facilitate interdisciplinary interactions, and establish them in positions of leadership within the scientific community.

More information is available [here](#).

Mason Impact Mini Grants

Mason Impact Micro Grants

FUNDING OPPORTUNITIES

[Air Force Airfield Damage Recovery Material Applications](#)

Deadline: April 30, 2023

[Cyber-Physical Systems](#)

Deadline: December 30, 2022

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 like to hear about your research activities, awards, and recent publications. Please share any successes, concerns, or ideas with us at idaaz@gmu.edu

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