



Institute for
Digital InnovAtion



THE WEEKLY

Dear Colleagues,

Don't forget to submit your application for the recently launched [Institute for Digital InnovAtion \(IDIA\)](#)'s two signature programs for this year. Details below:

IDIA Predoctoral Fellowship:

Deadline: **May 06, 2024, 11:59 PM EST**

Office hours: **April 8, 2024, 10:00-11:00 AM, EST**

RSVP for the Q&A session [here](#).

More information [here](#).

IDIA P3 Faculty Fellowship:

Deadline: **April 8, 2024, 11:59 PM EST**

More information [here](#).



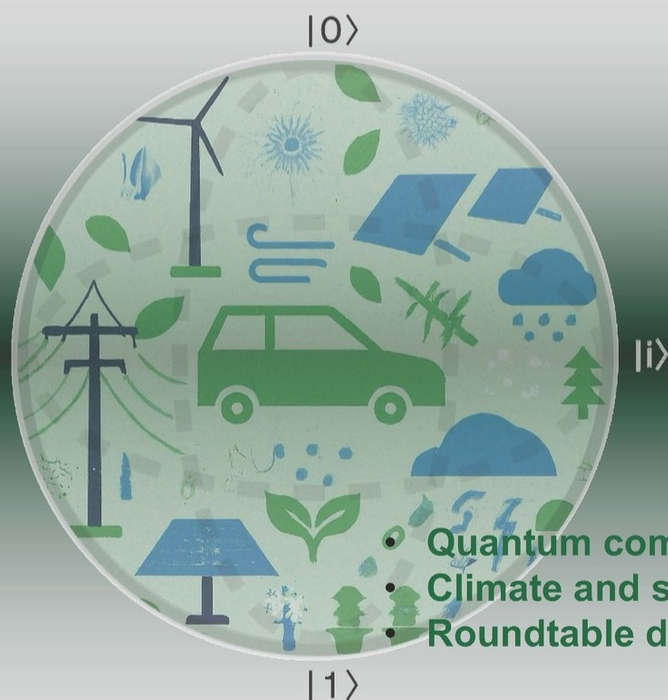
UPCOMING EVENTS

Quantum for Climate & Sustainability Mini-Workshop



Quantum for Climate & Sustainability mini-workshop

Bring your research challenges!



1:00 – 2:30 pm

April 8, 2024

Johnson Center 327

- Quantum computing: cans and cannots
- Climate and sustainability case study
- Roundtable discussion: applications

Quantum Science and Engineering Center
Center for Resilient and Sustainable Communities
Institute for a Sustainable Earth
Institute for Digital InnovAtion

2024 Mason Graduate Interdisciplinary Conference

The Mason Graduate Interdisciplinary Conference, co-hosted by the [Graduate and Professional Student Association \(GAPSA\)](#), Graduate Student Life, and the Graduate Division, highlights the research of Mason's graduate students across disciplines. This one-day in-person event showcases Mason's graduate students' outstanding scholarly research and creative works through posters, oral presentations, creative performances, and visual arts that closely mirror professional academic conference practice.

Event date: **April 5, 2024**

Location: **Merten Hall, Room 1201**

GRADUATE AND PROFESSIONAL STUDENT ASSOCIATION	FRIDAY, APR. 5, 2024 8:45AM - 5:30PM
MASON GRADUATE INTERDISCIPLINARY	   
CONFERENCE	

Break Through Tech - A Day in the Life: Tech Jobs Unveiled

BREAK THROUGH TECH MASON PRESENTS

A Day in the Life: Tech Jobs Unveiled

Get ready to gain **exclusive insights from industry experts** who will share their firsthand experiences and walk you through a day in their tech jobs. From software engineers to security analysts, our industry speakers will uncover the daily routines, challenges, and triumphs that shape their roles in the tech landscape.



VEERAJ MODI
Security Analyst
Microsoft



KYLIE M AMISON
Application Security Analyst
NowSecure



JAMIE BOWERS
Site Reliability Engineer
Microsoft



CASSIE ROTHRAUFF
Senior Computer Engineer
Booz Allen Hamilton

THURSDAY,
MARCH 21ST

4:30 TO 6:00 PM

JOHNSON CENTER
3RD FLOOR, ROOM D

REFRESHMENTS PROVIDED

Misinformation and Disinformation Idea-thon



COMPETE FOR PRIZES!



Select a track or category:

Government, Business/Technology, Nonprofit, or Education

Form a team to come up with solutions and work products:



A business plan for a tech start-up, a mobile app, an academic course, a new nonprofit, or new legislation or regulations. **Be creative!**

We welcome innovation.

Software developers are needed, but **no computer science skills are necessary to participate.**

Transportation services available from GMU Fairfax campus. Metro accessible.



Bring your best ideas to solve the problem of misinformation and disinformation!

Register At

www.rstreet.org/events



R Street Institute and George Mason University Present:

Misinformation and Disinformation Idea-thon

Help Solve a Major Societal Problem—Bring Your Ideas to Fight Misinformation and Disinformation



Institute for Digital InnovAtion

Saturday, April 20, 2024

9:00AM–6:30PM ET

George Mason University (GMU)
Schar School of Policy and Government
3351 Fairfax Drive, Arlington, Virginia

VARIOUS OPPORTUNITIES

2024 International Conference on Neuromorphic Systems



CALL FOR PAPERS

INTERNATIONAL CONFERENCE ON NEUROMORPHIC SYSTEMS (ICONS)

<https://iconsneuromorphic.cc>

The goal of ICONS is to bring together leading researchers in neuromorphic computing to present new research, develop new collaborations, and provide a forum to publish work in this area. Our focus will be on devices, architectures, models, algorithms and applications of neuromorphic systems.

TOPICS OF INTEREST

- Computational and Systems Neuroscience
- Neuro-inspired Sensors, Devices, Circuits and Architectures
- Neuromorphic Learning Approaches and Algorithms
- Applications and Use-cases of Neuromorphic Systems

Note: This is a non-exhaustive list and submissions outside the scope of these areas will also be considered.

SUBMISSION

WE ARE ACCEPTING SUBMISSIONS IN THE FOLLOWING FORMATS:

- **Full papers (6-8 pages):** original research, full presentation upon acceptance
- **Short papers (3-4 pages):** position papers or preliminary results, full/lightning presentations upon acceptance
- **Extended abstracts (1 page):** no proceedings, lightning presentation/poster upon acceptance
- **Tutorial submissions (2-3 pages)** for 1-2 hour tutorial sessions: hands-on component for tutorial attendees to work on or interact with neuromorphic software or hardware. Submissions via email to Melika Payvand and Maryam Parsa at melika [at] ini.uzh.ch and mparsa [at] gm.u.edu.
- **Special session submissions (2-3 pages)** for 1-2 hour special sessions, including invited presentations, no proceedings. Email to Melika Payvand and Maryam Parsa at melika [at] ini.uzh.ch and mparsa [at] gm.u.edu

IMPORTANT DATES

Paper submission: April 30th, 2024
Decision Notifications: June 6th, 2024

ORGANIZATION

General Co-Chairs

Catherine Schuman
University of Tennessee Knoxville, TN, USA
Prasanna Date
Oak Ridge National Laboratory, TN, USA

Program Co-Chairs

Melika Payvand
Institute of Neuroinformatics
University of Zurich and ETH Zurich, Switzerland
Maryam Parsa
George Mason University, VA, USA

Treasurer

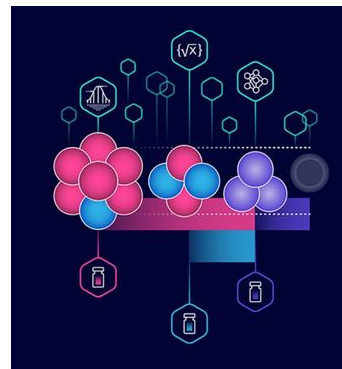
Shruti Kulkarni
Oak Ridge National Laboratory, TN, USA



ADvanced Analysis for Precision Cancer Therapy.

ADAPT aims to bring together researchers in systems biology, bioinformatics, mathematical modeling, and oncology to address the challenge of treating ever-changing metastatic cancer. To meet this goal, the ADAPT program invites proposals to three technical areas.

Technical area 1 focuses on therapy recommendation techniques, including multi-modal data fusion, resistant trait modeling, and development of biomarkers to predict drug response. Technical area 2 focuses on a new evolutionary clinical trial that treats patients during multiple therapy lines by discovering emergent resistant traits and therapy biomarkers developed in technical area 1. Technical area 3 unites researchers and clinicians through the creation of a cancer treatment and analysis platform to enable real-time data availability. The goal of the program is to accurately predict which patients will respond to which therapies, improving survival in people with metastatic cancers.



Proposal due: **May 6, 2024**

Learn more [here](#).

ORAU FY25 ODRD University Collaboration Request

ORAU's ORAU-Directed Research and Development (ODRD) Program is a research and development program that support collaborations between ORAU researchers and university faculty at ORAU member institutions. Led by ORAU subject matter experts and leveraging the talents and expertise of our member universities, ODRD projects strengthen and expand the scientific and technical capabilities of both parties. University faculty interested in collaborating with an ORAU researcher are requested to complete the brief form below. An ORAU researcher will review your submission, and if complementary interests align, will contact you to discuss potential collaboration. Submission of an interest statement does not guarantee collaboration or funding opportunities.

Responses due: **March 31, 2024**

Learn more [here](#).

AWARDS

Congratulations to:

Nowzari, Cameron from the [College of Engineering and Computing](#) and Co-PIs **Yao, Ningshi; Shishika, Daigo; McCue-Weil, Leigh S.**; and **Cummings, Mary L.** for receiving the Office of Naval Research grant on *The AVIARE at Eagle Bank Arena: Aerial Vehicle and Intelligent Autonomy Range for Experimentation*.

Shah, Vijay K. from the [College of Engineering and Computing](#) for receiving the US Department of Commerce grant on A Holistic Cybersecurity Testing Framework for 5G Radio Access Networks.

FUNDING OPPORTUNITIES

[National Science Foundation - Joint Funding Research Grants Cyber Security and Privacy](#)

Deadline: **Continuous Submission**

[National Science Foundation - Computer and Information Science and Engineering \(CISE\): Core Programs](#)

Deadline: **Continuous Submission**

[National Science Foundation - Expeditions in Computing \(Expeditions\)](#)

Deadline: **April 24, 2024**

*If a funding opportunity limits the number of applications the university can submit, it will be posted and managed through the Research Development Services office. Please contact limited@gmu.edu or Sheila Davis.

== IDIA AFFILIATION ==

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

Compete for [internally funded IDIA projects](#)

Receive support for [IDIA-relevant events](#)

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



Share this email:



[Manage](#) your preferences | [Opt out](#) using TrueRemove™

Got this as a forward? [Sign up](#) to receive our future emails.

View this email [online](#).

George Mason University | 4400 University Drive
Fairfax, VA | 22030 US

This email was sent to .

To continue receiving our emails, add us to your address book.

[Subscribe](#) to our email list.