



Institute for  
Digital InnovAtion



## THE WEEKLY

[Institute for Digital InnovAtion \(IDIA\)](#) has recently relaunched two signature programs for this year. Please RSVP for the Pre-Doctoral office hours if you have questions. For the P3 Fellows, please visit the link 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

[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**

Learn more and register [here](#).



GRADUATE AND PROFESSIONAL STUDENT ASSOCIATION  
**MASON GRADUATE  
INTERDISCIPLINARY  
CONFERENCE**

**FRIDAY,  
APR. 5, 2024  
8:45AM - 5:30PM**

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[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



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



### 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](http://www.rstreet.org/events)



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

## ICORS meets DSSV 2024

The International Conference on Robust Statistics (ICORS) and Data Science, Statistics & Visualisation (DSSV) are a joint conference aimed to bring together researchers and practitioners interested in the interplay of robust statistics, data analysis, computer science, and visualization, and to build bridges between these fields for interdisciplinary research. This includes theoretical and applied statisticians as well as data analysts from other fields, and leading experts as well as junior researchers and graduate students. This joint conference shall create a forum to discuss recent progress and emerging ideas in these different disciplines and encourage informal contacts and discussions among all the participants. They also play an important role in maintaining a cohesive group of international researchers interested in robust statistics and related topics, whose interactions transcend the meetings and endure year round.



# VARIOUS OPPORTUNITIES

## 2024 International Conference on Neuromorphic Systems



JULY 30<sup>TH</sup> – AUGUST 2<sup>ND</sup>, 2024

GEORGE MASON UNIVERSITY  
ARLINGTON, VIRGINIA, USA



A R L I N G T O N

### 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 30<sup>th</sup>, 2024  
Decision Notifications: June 6<sup>th</sup>, 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

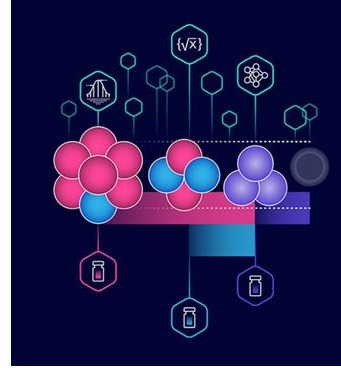
##### Treasurer

**Shruti Kulkarni**  
Oak Ridge National Laboratory, TN, USA



## ADvanced Analysis for Precision Cancer Therapy

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](#).

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## 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](#).

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# AWARDS

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Congratulations to:

**Alemi, Farrokh** from the [College of Public Health](#) and Co-PIs **Lybarger, Kevin James** and **Wojtusiak, Janusz** for receiving the National Institutes of Health grant on *Research Scholarship for Autonomous AI in Management of Depression*.

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# FUNDING OPPORTUNITIES

[National Science Foundation - Supplements for Access to Semiconductor Fabrication](#)

Deadline: **Continuous Submission**

[National Science Foundation - Artificial Intelligence, Formal Methods, and Mathematical Reasoning](#)

Deadline: **June 3, 2024**

[National Science Foundation - Secure and Trustworthy Cyberspace](#)

Deadline: **Continuous Submission**

\*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](mailto: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](mailto:idia2@gmu.edu)



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Fairfax, VA | 22030 US

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