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](#).

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**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.

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Break Through Tech - A Day in the Life: Tech Jobs Unveiled
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
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.
2024 International Conference on Neuromorphic Systems

**Event dates:** July 29 to August 1, 2024

Learn more [here](#).

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**VARIOUS OPPORTUNITIES**

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**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 presentation/poster 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 mparasa [at] gmu.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 mparasa [at] gmu.edu

**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**
- Shrutik Kulkarni
  Oak Ridge National Laboratory, TN, USA

**IMPORTANT DATES**

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

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**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](#).

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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**

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.*
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 or Sheila Davis.

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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.

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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