



Institute for
Digital InnovAtion



THE WEEKLY

Dear Colleagues,

If you are new or want to learn about what [Institute for Digital InnovAtion \(IDIA\)](#) offers and how you can connect to its research infrastructure, please RSVP to our event. We are holding a meet and greet on September 21 to welcome new faculty members.

RSVP [here](#).

Deadline: **September 15, 2023 at 5:00 PM EST**



Welcome

NEW FACULTY

September 21 | 12-1PM

Johnson Center, G337, 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.

M Institute for
Digital InnovAtion

UPCOMING EVENTS

[Virginia Women in IT & HPC Events](#)

Women in IT & HPC - Leadership Journeys

September 19, 2023 @ 1pm

Join us for our next community event featuring Neena Imam as she shares her personal view of challenges and successes experienced throughout her leadership journey. Don't miss this fantastic opportunity to learn about career strategies, and contribute to our discussion of how the playing field may be leveled to offer equitable IT & HPC leadership opportunities for women and minorities. Attendees are invited to share their own experiences and engage with the speaker during this interactive Q&A session.



Neena Imam
Director of Research
Engagement @ NVIDIA

Register Today!



Sponsored by:

**VIRGINIA
WHPC**



Is Generative AI a Threat to Cybersecurity? - Tech Duels

Technology moves fast! If you're a developer, engineer, architect or technical leader, you're constantly confronting a number of decisions and choices. Or, maybe you're just really passionate about a particular technology. What do you do? Tech Duels will put this to debate. Skilled and opinionated developers will debate on technical topics in a variety of formats, from individuals facing off one one-on-one to teams battling it out. All this while competing for prizes and recognition as the winning debaters.

Event date: **September 14 at 6:00 PM EST.**

Grab your tickets [here](#) and use the Promo Codes below:

Student: GMUSTUDENT (50% off)
Alumni: GMUALUMNI (25% off)
Faculty: GMUFACULTY (75% off)

TECHDUELS **GEORGE MASON UNIVERSITY**

TECHDUELS IS BACK WITH ONE OF THE HOTTEST TOPICS

Is Generative Ai a Threat to Cybersecurity?

SEPTEMBER 14, 2023 | 6PM-9PM
AT GEORGE MASON UNIVERSITY

Team Con Team Pro

REGISTER NOW AT
WWW.TECHDUELS.COM

Brian Drake
Federal Chief Technology Officer
at Accrete AI Government

Jared Shepard
Chief Executive Officer at Hypori

Raz Choudhury
Co-Founder at Sam.ai

Ebrima Ceesay
Sr Cybersecurity Director and
Distinguished Engineer at
Capital One

VS

RECEIVE YOUR CPE TRAINING CREDITS FOR ATTENDING

[AWS Skilled Talent Job Fair](#)



Looking for **internships and full-time** cloud roles? Join us at the AWS Skilled Talent Job Fair where you can network with **companies** in the DC-metro area who are looking for you, too!



These employers will be actively recruiting for entry-level tech roles:

- Cloud Support Associate
- Software Developer Engineer
- Data Integration Specialist
- Data Analyst
- IT Support Specialist
- ...and others!

When: Tuesday, 9/19, 1-4p EDT

Where: AWS Arlington Skills Center -
1550 Crystal Drive, Suite G, Arlington,
VA 22202

Register: Below by September 15th



bit.ly/GMU-AWS-919

[NSF-CNSF AI Institute Showcase](#)

National Artificial Intelligence Research Institutes Congressional Showcase



Please join the U.S. National Science Foundation and our federal agency and industry partners as we celebrate and share the work of our 25 National Artificial Intelligence Research Institutes, or AI Institutes, on Capitol Hill.



FEATURED SPEAKER

Senator Martin Heinrich
(D-NM) Co-chair, Senate AI Caucus



WELCOMING REMARKS

Dr. Sethuraman Panchanathan
Director, U.S. National Science Foundation

Tuesday, September 19, 2023

10:00 a.m. – 1:00 p.m. EDT

OPENING REMARKS: 10:30 A.M. - 11:00 A.M.

INTERACTIVE SHOWCASE: 11:00 A.M. - 1:00 P.M.

Hart Senate Office Building, Room 216

[CLICK HERE TO RSVP](#)

FEDERAL AGENCY PARTNERS



NIST



Launched in 2020, the AI Institutes represent a \$500 million investment connecting over 500 funded and collaborative institutions across the U.S. and around the world. Attendees will have the opportunity to learn about real-world applications of AI and see firsthand the technologies that are transforming the AI field and the many ways in which federal investments are being used in AI research, innovation, community partnerships and workforce development.

To learn more about the AI Institutes program, please visit [National AI Research Institutes \(nsf.gov\)](https://www.nsf.gov/nairi). Credit: U.S. National Science Foundation.

CONTACT: For questions, please contact D'Elia Wernecke (dwerneck@nsf.gov).



This NSF-sponsored event is made possible, in part, with generous support from the [Coalition for National Science Funding](#).

Mason I-Corps Quantum Cohort at QWC

Mason and the [2023 Quantum World Congress](#) have partnered to bring you the Mason I-Corps Quantum Cohort. Costs for this event, along with registration fees to the Quantum World Congress, will be covered by Mason. The U.S. National Science Foundation's Innovation Corps (I-Corps™) program is an immersive, entrepreneurial training program that facilitates the transformation of invention (or research) into impact.

During this experience, you will learn an evidence-based approach to idea evaluation with regards to market viability. Is the idea desirable? Who is the ideal audience? Where do you even start? This cohort is here to help answer those questions. Centered around customer discovery and Lean Launch methodology, you will determine if your idea solves a need and for whom.



MASON I-CORPS QUANTUM COHORT

THIS PROGRAM TEACHES AN EVIDENCE-BASED APPROACH TO IDEA EVALUATION. IS THE IDEA DESIRABLE? WHO IS THE IDEAL AUDIENCE? WHERE DO YOU EVEN START? THIS COHORT IS HERE TO HELP ANSWER THOSE QUESTIONS.

LOGISTICS

Intro Session (Virtual) - Week of Sept. 18 (TBC)
Session 1 (in-person) - Monday, September 25 (5PM - 7PM ET)
Session 2 (in-person) - Tuesday, September 26 (5PM - 7PM ET)
Session 3 (in-person) - Wednesday, September 27 (5PM - 7PM ET)
Session 4 (Virtual) - (TBC)

Session 1-3 (In-Person) Location:
Capital One Hall
7750 Capital One Tower Rd., Tysons, VA 22102

AGENDA

Mason I-Corps Quantum Cohort offers this Immersive NSF Regional Cohort at the Quantum World Congress 2023 to assist George Mason University innovators that want to take the ideas that have been percolating in their minds and bring them to market.

This program teaches an evidence-based approach to idea evaluation. Is the idea desirable? Who is the ideal audience? Where do you even start? This cohort is here to help answer those questions. Centered around customer discovery and Lean Launch methodology, you will determine if your idea solves a need and for whom.

The program provides a hands-on learning experience on how to begin to successfully nurture a fledgling idea into a more viable and implementable potential solution that benefits society.

This program is not just about the content; it focuses on talking to customers and testing hypotheses about the value behind your idea and the potential venture you could launch in the future to provide your solution to the market.

INSTRUCTORS

Charleston Bell, I-Corps Hub Director, Mid-South Innovation Hub at Vanderbilt University and National I-Corps Instructor

Shannon Ware, Lead I-Corps Instructor, Mid-South Innovation Hub at Vanderbilt University

WHO CAN ATTEND?

George Mason University's Faculty, Researchers, Postdocs, Students and Staff in Quantum research.

COST/SESSION

This program is free of charge for Mason's affiliated team(s). Registration fee for QWC is covered.

QWC REGISTRATION

First, register for the Quantum cohort and then contact **Sampson Addo (Mason I-Corps Program Manager)** at saddo2@gmu.edu to register for the QWC 2023.

ABOUT QUANTUM WORLD CONGRESS

Quantum World Congress is the premier global quantum conference - connecting the world's quantum ecosystem, including the brightest researchers, innovators, technology developers, legislators, and industry experts - to accelerate the value of the growing quantum industry. Register now for Quantum World Congress at Capital One Hall in Tysons, Virginia, from September 26th through 28th. Learn more at quantumworldcongress.com.

Click the following link or scan the QR code to register for Mason I-Corps Quantum Cohort:
<https://airtable.com/appFeNGaD0hWQIWEj/shrlgplc7WR3GkjYg>



Register now.

PRESENTED BY



Artificial Intelligence for Scientific Discovery Workshop

This workshop explores the future of AI in terms of its role as an autonomous researcher performing scientific discovery. This includes where AI stands, where it needs to go, and which disciplines should have increased investment for the utilization of AI scientists. Sessions for the workshop will include what it means to be an AI scientist, societal aspects of AI, hurdles to achieve AI-independent scientific discovery, and steps in the

direction of AI grand challenges. The workshop will also explore the ethical aspects and potential pitfalls that loom for AI scientists throughout.

Event date: **October 12-13, 2023**

More information [here](#).

AWARDS

Congratulations to:

Wang, Lily from the [College of Engineering and Computing](#) for receiving the National Institutes of Health grant on *SCH: Novel and Interpretable Statistical Learning for Brain Imaging Data*.

Satyapal, Shobita from the [College of Science](#) for receiving the National Science Foundation grant on *NRAO SOS grant*.

FUNDING OPPORTUNITIES

[Department of Defense - Naval Engineering Education Consortium \(NEEC\) Broad Agency Announcement](#)

Deadline: **October 30, 2023**

[National Institutes of Health - Using Innovative Digital Healthcare Solutions to Improve Quality at the Point of Care \(R21/R33 - Clinical Trial Optional\)](#)

Deadline: **October 5, 2023**

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

Deadline: **October 23, 2023**

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



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