THE WEEKLY

Dear Colleagues,

Please register for our next IDIA Connect to learn about multi-modal, multi-omic methods and data resources for advancing open science in pediatric cancer and other rare diseases, including the Children's Brain Tumor Network (CBTN), Gabriella Miller Kids First Data Resource Center (Kids First), and the Childhood Cancer Data Initiative (CCDI).

This time we connect you with the Center for Data Driven Discovery in Biomedicine, Childrens's Hospital of Philadelphia.

RSVP here.

UPCOMING EVENTS

Annual CBTN summit

The brightest minds in science and technology come together at the 2024 CBTN Summit for a powerful purpose: Uniting minds to unlock cures for childhood brain tumors. Hear from preeminent scientists, technologists, and researchers as they share advancements across basic, translational, and data sciences and technologies, illustrating advancements in pediatric brain tumor research. Illuminating panel discussions are scheduled, plus attendees can access a range of CBTN technology training and one-on-one demos and assistance.

Join us virtually or in person at no charge at Amazon Web Services headquarters in Arlington, VA, on October 9th and 10th.

Learn more and register here.

The Great Experiment

Shenandoah University is excited to celebrate the launch of "The Great Experiment," an educational virtual reality experience that immerses participants into a key moment in U.S. history. For over five years, students and faculty collaborated to create this experience, which places users within a virtual Independence Hall in Philadelphia during the Constitutional Convention of 1787. Through a series of progressively immersive and interactive stages, participants join the country's founders as they discuss and debate how to select the chief executive of a new republic.

Learn more and RSVP here.

VARIOUS OPPORTUNITIES

Mason I-Corps: Taking Research to Market

Office of Research, Innovation, and Economic Impact
MASON ENTERPRISE
George Mason University

NSF CORPS NSF Innovation Corps

MID-SOUTH HUB

MASON I-CORPS: TAKING RESEARCH TO MARKET
OCTOBER 2, 2024, 12:00 PM - 1:00 PM VIRTUAL

ABOUT INFO SESSION

Join us to learn about Mason's NSF I-Corps Program! This program teaches an evidence-based approach to research solution evaluation.

- Is the solution desirable?
- Who is the ideal audience?
- Where do you even start?

The I-Corps program is here to help answer these questions.

ABOUT THE PRESENTERS

Todd Morrill, the Mason I-Corps Lead Instructor, is a Faculty Director at the Bay Area I-Corps Node at the University of California, Berkeley. With extensive experience as a National Instructor for the NSF I-Corps, he has taught and coached over 500 teams. In his presentation, he will provide an overview of the I-Corps program.

Fatah Kashanchi (PhD), is an esteemed professor in Virology and Director of the Laboratory of Molecular Virology at the George Mason University. He will share how participating in the I-Corps Regional Program enhanced his partnerships and improved his research solutions.

Radhika Barua (PhD) is an Assistant Professor in the Department of Mechanical and Nuclear Engineering at the Virginia Commonwealth University. In her presentation, she will highlight how participating in the I-Corps Regional program helped her to secure funding and establish partnership with a corporate partner.

WHAT WE WILL COVER?

- What is NSF I-Corps program
- Benefits of the I-Corps program to you as a Faculty, Researcher, Student or Staff
- Funding opportunities that will open up after participating in the I-Corps program
- Success stories of how participating in I-Corps has resulted in significant impact in research commercialization

WHO CAN ATTEND?

Faculty, Researchers, Postdocs, Students and Staff from any institutions of higher learning in the Commonwealth of Virginia.

REGISTRATION

Register for the Info session by clicking on the link or scanning the QR code below:

https://gmu.zoom.us/meeting/register/tJYpdO6hqTsvHdD72hApJ6Jrm05l1fPBPLRa#/registration

Register Now

For any additional information contact:

- Sampson Addo, Mason I-Corps Hub Program Manager at saddo2@gmu.edu
- Gisele Stolz, Mason's I-Corps Director, Senior Director, Entrepreneurship Programs, Office of Research, Innovation, and Economic Impact at gstolz2@gmu.edu

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Faculty Grant Writing Support

Women In Business Networking

Join us for this two-hour event of women-focused networking, open to those who want to share knowledge and ideas, as well as provide support and expertise. Expand your network, join the conversation and get different perspectives on how to grow your business and take advantage of opportunities, all with colleagues who appreciate what it's like to be a woman in business.

Event Date: **October 2** from **5:00PM** to **7:00PM EST**

Register Here.

AWARDS

Congratulations to:

Xiao, Xuesu from the College of Engineering and Computing for receiving the National Science Foundation grant on *NSF-BSF: Culturally Adaptive Social Robotic Navigation*

Das, Sanmay from the College of Engineering and Computing for receiving the National Science Foundation grant on *RI: HCC: Medium: Equity, Justice, and Icentives in Societal Resource Allocation.*

Parsa, Maryam from the College of Engineering and Computing for receiving the US Department of Energy grant on *ENGAGE: (E)nergy-efficient (N)ovel Al(g)orithms and (A)rchitectures for (G)raph L(e)arning*

FUNDING OPPORTUNITIES

National Science Foundation - Dear Colleague Letter: Design for Sustainability in Computing

Deadline: **Continuous Submission**

National Science Foundation - Algorithms for Threat Detection

Deadline: **February 19, 2025**

National Science Foundation - Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences

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 sdavis46@gmu.edu if you have questions or are unsure if the opportunity is a limited submission opportunity.

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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