



## THE WEEKLY

Dear Colleagues,

We are pleased to be welcoming Amarda Shehu as IDIA's associate vice president of research on May 25. Dr. Shehu is a professor in the [Department of Computer Science](#) and an inaugural founding co-director of the [Center for Advancing Human-Machine Partnerships \(CAHMP\)](#). She has recently been on assignment at the National Science Foundation as program director of Information Integration and Informatics (III) in the Division of Information and Intelligent Systems (IIS) in the Computer Information Science and Engineering (CISE) Directorate. We are excited to have her supporting our faculty and students in their research endeavors.

[Read more](#) about Dr. Shehu.

## STUDENT OPPORTUNITIES

### Office of Fellowships NSF GRFP SUMMER COHORT

JUNE-SEPTEMBER 2022

GIVE YOUR NSF GRFP APPLICATION A BOOST



#### Individual Support

Work 1:1 with an advisor from the Office of Fellowships on all aspects of the NSF GRFP application. Our trained writing specialists will also give you tailored feedback on application statement drafts.



#### Exclusive Workshops

Attend 1 hour workshops every 2-3 weeks on Zoom to hear from program experts, alumni, and hone the skills that will help you produce a compelling application.



#### Cohort Activities

Hosted and facilitated by our advisors and writing specialists, cohort events (including a submission party in October) will connect you with supportive peers across disciplines.

**For GMU grad students only. Email PGFS@gmu.edu by June 10 to register.**

## VARIOUS OPPORTUNITIES

### ARIE Task Force Seed Funding Initiative

The Office of Research Innovation and Economic Impact (ORIEI), in collaboration with the Anti-Racism and Inclusive Excellence (ARIE) Task Force, is excited to announce the first ARIE Seed Funding Initiative. The ARIE Seed Funding Initiative emerged as one of the recommendations from the ARIE Research Working Group and is funded by the ARIE Task Force. This funding will support research, scholarship, and creative activities addressing the myriad of issues on the theme of anti-racism and inclusive excellence. Projects may be either highly scholarly or highly practical/applicable. The full Call for Proposals can found on the Research Development website under "[Funding Opportunities](#)."

Proposal Due Date: June 30

Funding Decisions: August 15

Funding Limit (Two Tiers): Up to \$25,000 and up to \$50,000

Duration: 12-18 months

Eligibility: All faculty currently allowed to submit proposals under Mason's [Principal Investigators Policy 4012](#).

NOTE: ORIEI will be holding a Q&A on Wednesday, May 18 from 12-1:30 pm. Feel free to send any questions you have in advance to [resdev@gmu.edu](mailto:resdev@gmu.edu) and we will try to address as many questions as we can. We understand this is a very busy time for faculty so the session will be recorded and posted on the Research Development website ([resdev.gmu.edu](https://resdev.gmu.edu)).

Zoom link [here](#).

### Meta Opportunities

Meta is inviting faculty to respond to a call for research proposals in three different areas:

- **Security and Privacy Systems and Infrastructure:** The company anticipates awarding four to six awards, each between \$65,000 and \$100,000. Learn more about the security RFP [here](#).
- **AI Network Innovations for Meta's Network Infrastructure Engineering Team:** The company anticipates awarding four to six awards, each around \$50,000. Learn more about the AI network RFP [here](#).
- **AR, VR, Smart Devices, and the Metaverse:** A total of eight to 11 awards are available at this time, up to \$75,000 each, depending on the specific requirements. Learn more about the AR/VR and smart devices RFP [here](#).

Payments for accepted RFPs will be made to the proposer's host university or nonprofit organization as an unrestricted gift.



### Partnerships for Innovation

[The Partnerships for Innovation \(PFI\) Program](#) within the Division of Industrial Innovation and Partnerships (IIP) offers researchers from all disciplines of science and engineering funded by NSF the opportunity to perform translational research and technology development, catalyze partnerships, and accelerate the transition of discoveries from the laboratory to the marketplace for societal benefit.

**Funding Source:** National Science Foundation

**Anticipated Funding Amount:** Up to \$550,000

**Deadline:** July 13, 2022

## FUNDING OPPORTUNITIES

[The Marconi Prize - Marconi Society](#)

Deadline: June 1, 2022

[Using Innovative Digital Healthcare Solutions to Improve Quality at the Point of Care \(R21/R33 - Clinical Trial Optional\) - Agency for Healthcare Research and Quality](#)

Deadline: June 5, 2022

[Exploratory/Developmental Bioengineering Research Grants \(EBRG\) \(R21 Clinical Trial Optional\) - National Cancer Institute](#)

Deadline: June 16, 2022

## AWARDS

#### Congratulations to:

**Antil, Harbir** from the [College of Science](#) for receiving the U.S. Department of the Air Force grant on *Compression and Randomization for Extreme-Scale Training and Optimization (CREST Opt)*.

**Antil, Harbir** and co-PI **Berry, Tyrus** from the [College of Science](#) for receiving the U.S. Department of Defense grant on *Geometrics of Learning (GoL)*.

**Carg, Thomas H.** and co-PI **Lum, Cynthia M.** from the [College of Humanities and Social Sciences](#) for receiving the Office of National Drug Control Policy grant on *High Density Drug Trafficking Areas (HIDTA)*.

**Gatling, Benjamin C.** from the [College of Humanities and Social Sciences](#) for receiving the University of California, Los Angeles (UCLA) grant on *Planning and Training for the Digitization of Materials from the Folklore Archive of the Rudaki Institute of Language and Literature in Dushanbe, Tajikistan*.

**Purohit, Hemant** from the [College of Engineering and Computing](#) for receiving the Western Norway Research Institute grant on *Violence-Inducing Behaviour Prevention in Social-Cyber Space of Local Communities*.

**Satyapal, Shobita** from the [College of Science](#) for receiving the NASA-Goddard Space Flight Center grants on *Hidden Broad Lines in Bulgeless Galaxies? An XMM-Newton Follow-Up and Multi-Messenger Astrophysics Science Work Package: Visualizing Binary Black Hole Spacetimes and Their Accretion Luminosity*.

## IDIA AFFILIATION

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

Compete for [internally funded IDIA projects](#)

Serve as [IDIA Advisory Council members](#)

Receive support for [IDIA relevant events](#)

Get featured in our next weekly: [IDIA Weekly Spotlight](#)

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.

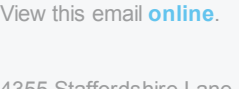
There is no financial burden to you or your departments for affiliation with the institute. Participation in IDIA does not prevent its members from being associated with other university centers. If you are not already affiliated, we encourage you to submit your profile [here](#).

#### 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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