THE WEEKLY
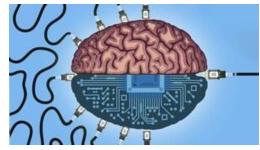
Institute for Digital InnovAtion (IDIA) is partnering with the Center for Humanities Research (CHR) to bring faculty from across George Mason University to engage on some of the thorniest, transdisciplinary problems of our times that must be addressed both humanistically and technologically.

This IDIA-CHR partnership launches in October 2023 with a symposium featuring two panel discussions, each bringing together faculty members from the humanities, computing, and engineering to debate consequential questions. Together, panelists, moderators, and attendees will take up fundamental questions about the status of both "the human" as a concept and actual humans in the digital age.

Event date: **October 20, 2023, 1:00 PM to 5:00 PM EDT**

Event location: **Horizon Hall 2014**

More information is available here.

UPCOMING EVENTS

Bring Down Counterfeiting Hackathon 2023

Bring Down Counterfeiting 2023 is asking you to prototype solutions that enable more effective public-private partnerships to facilitate or enhance data sharing and operational cooperation among the private sector and U.S. governmental agencies in the fight against counterfeit goods. This program will challenge solvers to help develop strategies to identify and counter new and existing trends in counterfeiting and piracy.

Teams will compete for more than $20,000 in prizes. Those that make it to the final round will be evaluated by an expert panel of judges. Bring a team or register on your own.

Event date: **August 18** to **November 4, 2023**

More information available [here](#).

PatriotHacks Hackathon

New NSF effort expands I-Corps Teams™ training program

The U.S. National Science Foundation announced a $5 million novel entrepreneurial training and mentoring program for academic researchers. This training will arm early-stage entrepreneurs with the information and confidence they need to launch a startup to commercialize their technology.

The pilot is a comprehensive approach to entrepreneurial training that specifically builds upon and extends the long-running NSF Innovation Corps (I-Corps™). I-Corps uses the customer discovery process to validate customer segments, value propositions and other aspects of the business model. This training consists of three components, starting with the Jumpstart Academy, then I-Corps, and concluding with the Next-Steps Accelerator, which provides support services and additional training for a startup launch.

Learn more here.

National Science Foundation
Directorate for Technology, Innovation and Partnerships

NEWS

NSF invests $72.5 million to design revolutionary materials

A $72.5 million investment from the U.S. National Science Foundation will drive the design, discovery and development of advanced materials needed to address major societal challenges. The Designing Materials to Revolutionize and Engineer our Future (DMREF) program will fund 37 new four-year projects.The DMREF program brings together a wide range of disciplines — including materials research, engineering, mathematics, computer science, chemistry and physics — to achieve outcomes not possible in isolation....

Read more here.

AWARDS

Congratulations to:

Evmenova, Anna S. from the [College of Education and Human Development](#) and Co-PI **Regan, Kelley S.** for receiving the US Department of Education grant on *WEGO - MEGA: Writing Efficiently with Graphic Organizers - Motivating with Educational Games*.

Lee, Seiyon from the [College of Engineering and Computing](#) for receiving the National Oceanic & Atmospheric Administration grant on *EXCLAIM: a Decision Support Toolkit to Mitigate Impacts of Cascading Climate Hazards*.

Durant, Liza Price Wilson from the [College of Engineering and Computing](#) for receiving the Virginia Innovation Partnership Authority grant on *NoVA Node CCI FY24 Initiatives*.

Zeng, Kai from the [College of Engineering and Computing](#) for receiving the Virginia Innovation Partnership Authority grant on *RF Fingerprinting Techniques for Millimeter-Wave Device Authentication in 5G/NextG Wireless Communications*.

FUNDING OPPORTUNITIES

[National Science Foundation & National Institutes of Health - Smart & Connected Health Program](#)

Deadline: **November 9, 2023**

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

Deadline: **October 23, 2023**

[Department of Agriculture - New Technologies for Ag Extension](#)

Deadline: **September 29, 2023**

[National Science Foundation - Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences](#)

Deadline: **Continuous Submission**

[National Science Foundation - New Institute Aims to Use the Power of Math to Model, Predict Biological Processes](#)

Deadline: **Continuous Submission**

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**