



Institute for  
Digital InnovAtion



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# THE WEEKLY

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## UPCOMING EVENTS

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What Makes Us Human in the Digital Age

# What Makes Us Human in the Digital Age?

## A CHR & IDIA Joint Symposium

The **Center for Humanities Research** (CHR) is partnering with the **Institute for Digital InnovAtion** (IDIA) to bring faculty from across George Mason University to engage on some of the thorniest, transdisciplinary problems of our times.

Join us for two panels: **“What Makes us Human in the Digital Age?”** and **“Language and Humans in the Age of Chat Bots,”** each followed by a Q and A.

A light reception, sponsored by the IDIA and the College of Humanities and Social Sciences, will follow.

**Friday, October 20**  
**1-5 pm**  
**Horizon Hall 2014**

GEORGE  
**MASON**  
UNIVERSITY

Institute for  
Digital InnovAtion

GEORGE  
**MASON**  
UNIVERSITY

Center for  
Humanities Research

GEORGE  
**MASON**  
UNIVERSITY

College of Humanities  
and Social Sciences

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## 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](#).

# **BRING DOWN COUNTERFEITING 2023**

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PatriotHacks Hackathon

DATE  
OCTOBER 6-8

GEORGE  
MASON'S  
FLAGSHIP  
HACKATHON

# Hack

## PATRIOTHACKS



SCAN ME!



# athon

FREE FOOD  
FREE SWAG  
FREE T-SHIRTS

VARIOUS OPPORTUNITIES

[NVIDIA Ignite Program](#)



## NVIDIA Ignite

### Program Information

The NVIDIA Ignite program was created to immerse engineering and non-engineering students of historically underrepresented communities in a 12-week journey through NVIDIA's products, culture, and ecosystem. This program provides real-world experiences with real technology. You'll get hands-on exposure to never-before-seen solutions. You'll even be able to choose your area of interest and interview with the team you'll be joining.

#### Program Details

- NVIDIA Ignite is open to 1st & 2nd year students only.
- 12-week program during Summer 2024 (program only runs during the summer)
- Full-time - PAID (40 hrs. a week) and full benefits: Medical, Dental & Vision

#### Program Dates

- Cohorts are identified based off your academic calendar in accordance with your college or university.
- May 20<sup>th</sup>, 2024 - August 9<sup>th</sup>, 2024
  - June 10<sup>th</sup>, 2024 - August 30<sup>th</sup>, 2024

#### Program Tracks

- Software
- Hardware
- Business Operations

#### Click Here to Submit Interest

[Submit Interest](#)

#### Upcoming Ignite Info Sessions

- 9/19/23 6pm EST- Ignite Your Path: NVIDIA Ignite Info Session. [Register Here](#)
- 10/5/23 4pm PST- NVIDIA x NSBE Info Session. [Register Here](#)
- 10/12/23 4pm PST- Ignite Your Potential: NVIDIA Ignite Internship Insights and Opportunities. [Register Here](#)

For more, visit [www.nvidia.com/university](http://www.nvidia.com/university)



## NSF Dear Colleague Letter: Exploring Task-based Interactions between Human and Synthetic Actors

The Division of Civil, Mechanical and Manufacturing Innovation (CMMI) of the Directorate for Engineering (ENG) invites the submission of EARly-concept Grants for Exploratory Research (EAGER) proposals, as well as supplemental funding requests to existing NSF awards, in support of research on the performance of novel



and important tasks that require sensorimotor interaction between human and synthetic actors: that is, physical interaction that also involves sensing through one or more modalities.

Learn more [here](#).

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## DoD College Acquisition Internship Program

DoD Acquisition is explained as the mission and process involved in the procurement of weapons, systems, supplies, or services to satisfy DoD needs and support military operations.

The acquisition process encompasses a range of phases such as: research, design, engineering, manufacturing, technology, testing, deployment, sustainment, operation, and disposal. To execute the acquisition and sustainment mission, members of the acquisition workforce require the education, skills and knowledge to perform many occupations, i.e. program manager, engineer, digital technology, financial manager, contract officer, logistician, etc.

Learn more [here](#).

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## Graduate Student Internships in Forensic Science and Criminal Justice

The National Science Foundation (NSF) and the National Institute of Justice (NIJ) have announced a new effort to strengthen the STEM workforce and support research relevant to criminal justice. We are inviting proposals under the NSF-NIJ INTERN program (INTERN), which allows graduate students to explore non-academic research internships in forensic science and other criminal justice fields. INTERN offers students experiential training in professional environments broader than would be typical in an academic program. At the same time, it gives potential employers access to future STEM workforce talent.

Learn more [here](#).

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## 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

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## AWARDS

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Congratulations to:

**Sanghera, Kamaljeet** from the [College of Engineering and Computing](#) for receiving the Prince William County Public Schools grant on *Virginia STAR Partnership*.

**Suh, Jennifer M.** from the [College of Education and Human Development](#) for receiving the National Council of Teachers of Mathematics grant on *Centering Equity with Mathematics Technology Integration Through Lesson Study*.

**Tecuci, Gheorghe D.** from the [College of Engineering and Computing](#) for receiving the Central Intelligence Agency grant on *Automatic Fake News Detection*.

**Yang, Chaowei** from the [College of Science](#) for receiving the National Science Foundation grant on *I-Corps: An automatic training dataset labelling tool to fill the gap for missing training image datasets*.

**Hong, Yan** from the [College of Public Health](#) for receiving the National Institutes of Health grant on *A social media-based personalized intervention to enhance caregiving mastery among Chinese American dementia caregivers*.

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## FUNDING OPPORTUNITIES

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[National Science Foundation - Dear Colleague Letter: United States-Ireland-Northern Ireland R&D Partnership](#)

Deadline: **Continuous Submission**

[National Science Foundation - Dear Colleague Letter: Encouraging Mid-scale Research Infrastructure in Computer and Information Science and Engineering](#)

Deadline: **Continuous Submission**

[National Science Foundation - Cybersecurity Innovation for Cyberinfrastructure](#)

Deadline: **February 1, 2024**

Deadline: **Continuous Submission**

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## — IDIA AFFILIATION —

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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 —

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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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