



THE WEEKLY

Greetings,

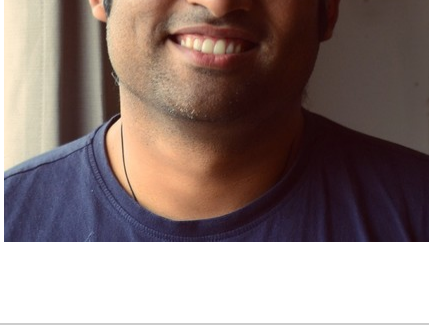
Welcome to another edition of The Weekly!

Collaboration is at the heart of the IDIA's mission and is a very important part of the research being done at George Mason University. With this in mind, the IDIA is excited to announce its new **Collaboration Form**, a first step to creating interdisciplinary connections between IDIA faculty.

If you are interested in **finding a new collaborator** on a current or upcoming project, please fill out this [form](#) and we will disseminate the information to our IDIA faculty members, starting right here in The Weekly.

We hope this form helps to create an even larger interdisciplinary community. Best of luck with your research!

RESEARCH SPOTLIGHT



Abhishek Ray, PhD, is an Assistant Professor in the Information Systems & Operations Management Department (ISOM) and an Affiliate Faculty at the [Institute for Digital InnovAtion](#) and the [Business for a Better World Center](#). His work addresses problems at the intersection of Economics, Operations Management and Information Technology & Systems and he uses Game Theory, Econometrics & Artificial Intelligence/Machine Learning methodologies to frame and solve research problems.

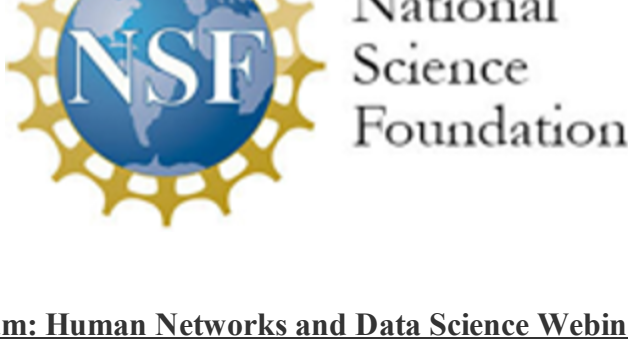
Learn more about Ray and his research [here](#).

UPCOMING EVENTS

Final Interactive Workshop for Fall 2021!

The Office of **Faculty Affairs and Research Development Services** will hold the final workshop of its [Interactive Workshop Series](#) for the Fall 2021 semester. The workshop **Navigating Politics in the Academia** is scheduled for Thursday, December 2 from 1:00 - 2:30 pm. In this workshop, our co-facilitators will share their experiences and perspectives on how to manage tricky political situations that can frequently arise and how to manage them as gracefully as possible.

Faculty from across disciplines and fields of study are welcome to attend. [Registration](#) is required.



NSF Program: Human Networks and Data Science Webinar on Nov. 30

NSF's [Human Networks and Data Science program](#) supports research that enhances our understanding of human behavior by leveraging data and network science across a broad range of topics. Join us to learn more about the program, learn how to submit a proposal, and engage in a Q&A.

[Event details and registration.](#)

Graduate Student Poster Session Invitation



VARIOUS OPPORTUNITIES

Patriot Hacks: Spring 2022 Hackathon

PATRIOTHACKS

**DO YOU HAVE A UNIQUE SKILL?
ARE YOU AN EFFECTIVE LEADER,
GOOD AT MANAGING YOUR TIME, AND ARE
YOU ABLE TO COMMUNICATE EXTREMELY WELL?
YOU'RE IN LUCK, PATRIOTHACKS IS ACTIVELY
SEARCHING FOR ORGANIZERS
FOR OUR**

2022 SPRING HACKATHON!

**THE EVENT WILL BE AN IN-PERSON EVENT DURING THE SPRING SEMESTER.
PATRIOTHACKS IS A 36-HOUR HACKATHON
WHERE STUDENTS CAN LEARN, INNOVATE, EXPAND THEIR NETWORK,
AND EARN PRIZES!**

**PLANNING AND EXECUTING A HACKATHON
IS NO EASY TASK, AND WE WILLING DEDICATED
INDIVIDUALS WILLING
TO WORK WITH A TEAM TO CREATE
THE BEST POSSIBLE EXPERIENCE FOR OUR ATTENDEES.**

**IF YOU ARE INTERESTED IN BECOMING AN ORGANIZER OR HAVE ANY QUESTIONS,
PLEASE REACH OUT TO US AT TEAM@PATRIOTHACKS.ORG.
INCLUDE YOUR NAME, MAJOR, AND WHAT SKILLS YOU POSSESS
THAT COULD BE USEFUL FOR PATRIOTHACKS!**

**THANK YOU FOR YOUR CONSIDERATION,
WE HOPE TO SEE MANY OF YOU JOIN THE TEAM!**

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FUNDING OPPORTUNITIES

[National Science Foundation - CISE Community Research Infrastructure \(CCRI\)](#)

Full Proposal Dates - January 11, 2022

[National Science Foundation - Expeditions in Computing \(Expeditions\)](#)

Preliminary Proposal Dates - June 16, 2022

Full Proposal Dates - February 16, 2023

[National Institutes of Health / DHHS - Exploratory Data Science Methods and Algorithm Development in Infectious and Immune-Mediated Diseases \(R21 Clinical Trial Not Allowed\)](#)

Full Proposal Dates - February 17, 2022

AWARDS

Congratulations to:

Moran, Kevin Patrick from the [College of Engineering & Computing](#) for receiving the National Science Foundation grant on *Collaborative Research: CPS: Medium: Enabling Data-Driven Security and Safety Analyses for Cyber-Physical Systems*.

Chen, Xiang from the [College of Engineering & Computing](#) for receiving the Air Force Research Laboratory grant on *Operating at the Intersection of Out-of-Distribution Detection and Adversarial Machine Learning*.

Odstrcil, Dusan from the [College of Science](#) for receiving the National Aeronautics & Space Administration (NASA) grant on *The STEREO IMPACT (In-situ Measurements of Particles and CME Transients) Investigation: At the Onset of a New Solar Cycle with New Perspectives*.

Sun, Ziheng from the [College of Science](#) for receiving the National Science Foundation grant on *CyberTraining: Implementation; Medium: GeoSMART: Developing a Machine Learning Workforce for Earth Science Studies through Training and Curriculum Development*.

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](#)

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.

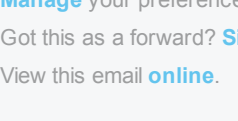
There is no financial burden to you or your departments for affiliation with the institute. Participation in IDIA does not prevent its members from being associated with other university centers. If you are not already affiliated, we encourage you to submit your profile [here](#).

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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