



THE WEEKLY

Greetings,

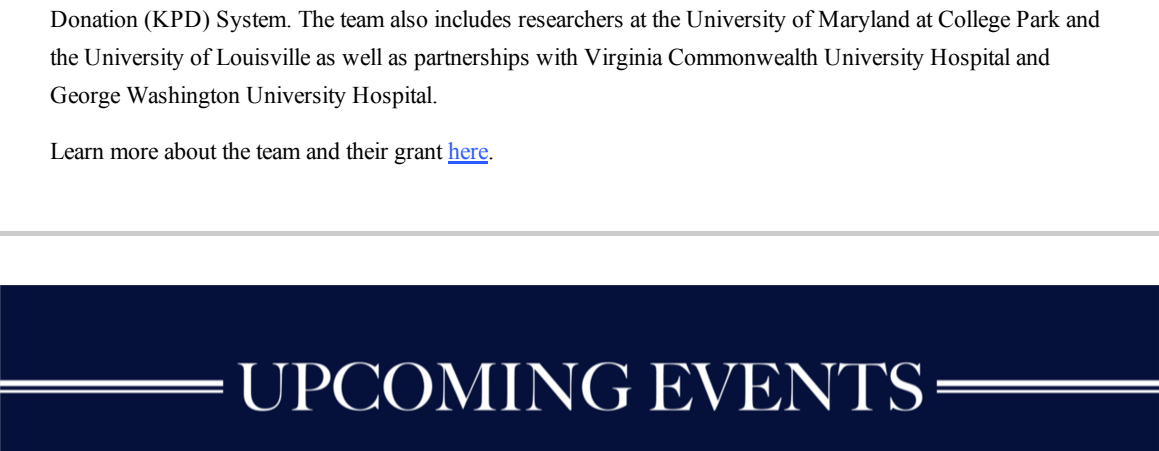
Welcome to another edition of The Weekly!

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!

GRANT SPOTLIGHT



The IDIA congratulates **Naoru Koizumi, Chun-Hung Chen, and Hadi El-Amine** for receiving a grant from the National Science Foundation to research Optimal Desensitization Protocol in Support of a Kidney Paired Donation (KPD) System. The team also includes researchers at the University of Maryland at College Park and the University of Louisville as well as partnerships with Virginia Commonwealth University Hospital and George Washington University Hospital.

Learn more about the team and their grant [here](#).

UPCOMING EVENTS

Reminder to Register
for the annual
Emerging Techniques Forum
~ on ~
Digital Transformation
Advances in computing tools, technologies, and techniques that revolutionize analysis at scale to enhance awareness and understanding, from strategic decisions to the tactical edge.
7-9 December 2021
In person at Hilton Mark Center, Alexandria, VA

Invited Speakers	Technical Breakout Discussions	Tutorials
<ul style="list-style-type: none">President and CEO at Group W. Inc.Principal Director for Quantum Science (OUSD R&E)Commanding General, 75th Innovation Command, US ArmyFormer Deputy Commandant for Information, US Marine CorpsAmazon & Cornell Tech FacultyOR/Info. Engineering Experts	<ul style="list-style-type: none">Adversarial & Robust AICybersecurity in false data attacks and critical infrastructureDIY, explainable, and accessible AIAI-enabled Human-Machine TeamsM&S Powered WargamingNetwork testing through Digital TwinsProcess Innovation in Enterprise ITUSCYBERCOM Assessment Methods	<ul style="list-style-type: none">Modeling in R and Python: the latest techniques to examine real-world data in multiple languages.Applying "Chancification" to Military Readiness: improving the ways we represent uncertainty. <p>Expert Panels</p> <ul style="list-style-type: none">How do we Apply Innovation in PracticeCombining Data Science & Ops. Research

Inquire about our discounted student rate! Contact sarah.madonia@mors.org, or call 703-933-9070.

The Military Operations Research Society's (MORS) Emerging Techniques Forum was created to improve analysis and understanding throughout the defense community by seeking out novel, leading-edge, and non-traditional methods through the latest (and in-progress) developments across government, academia, and private industry.

<https://www.mors.org/Events/Workshops/Emerging-Techniques-Forum>

If you plan to attend the optional CLASSIFIED sessions, please complete an [advance visit request](#) (instructions on website).

Register at:
www.MORS.org/Events/Workshops/ETF

Or Contact:

Ms. Shelby Jenkins
Director, Meetings & Events
shelbie.jenkins@mors.org

2nd Annual Research and Scholarship at Mason

You are invited to attend the **2nd Annual Research and Scholarship at Mason** orientation and refresher, sponsored by the Office of Research, Innovation and Economic Impact, **to be held virtually on January 19, 2022 from 9:00am – 2:00 pm**. The program is designed to help faculty become more familiar with the grant lifecycle process at Mason and the resources available to assist faculty in obtaining external funding for their research, scholarship and creative work. Over the course of the orientation sessions faculty will:

- Meet the Vice President for Research, Innovation and Economic Impact and his leadership team and learn about the Associate Deans for Research;
- Discover resources available from Research Services including the Office of Sponsored Programs and Office of Research Integrity and Assurance and the support these teams can provide;
- Hear about University level Institutes and connect with their multidisciplinary teams;
- Discover how faculty repurpose a non-funded proposal package;
- And more!

Register in advance for this meeting [here](#).

After registering, you will receive a confirmation email containing information about joining the Zoom meeting.

We look forward to meeting all of you and addressing the many questions you might have about the assistance available to help you conduct your research, scholarship and creative work at Mason.

Upcoming Funding Webinar on Dec. 7 and 8

NSF's [Ethical and Responsible Research Program](#) is holding an informational webinar on December 7 and December 8. Program directors will provide an overview of the program's new funding solicitation and answer questions.

[Event details and registration.](#)

VARIOUS OPPORTUNITIES

Apply Today! Summer 2022 Virginia Statewide Life Science Internship Program

Virginia Bio announced they are accepting applications for STEM2VA: Virginia Statewide Life Science Internship Program. They are inviting undergraduate, graduate, and postgraduate students to apply. Please visit their website for more information: <https://www.vabio.org/stem2va/>.

Students who are selected in the Summer 2022 program will complete a paid internship with a life science company in Virginia. This is a great opportunity to:

- Gain real world industry experience
- Establish a network with life science companies across the state
- Develop skills that can prepare you for a career in a rapidly growing field.

Community college, undergraduate, graduate, and postgraduate students from 2 or 4+ year degree awarding institutions are eligible to participate in STEM2VA. This is a full-time, 8-week internship that will run from June 6 - July 29, 2022.

The application deadline is January 31, 2022.

Questions? Please contact the Virginia Bio team by email at: vbcintern@vabio.org.

Peace Engineering Lab
Lunch & Learn (30 mins)
Guest Speaker: Richard Whitt
Join us for a discussion on data trusts and governance!
Register
<https://www.eventbrite.com/e/209854860537>

Tuesday
December 7th
12:00 pm ET
via Zoom

Richard Whitt is a public policy attorney, technology strategist, business advisor, and entrepreneur.

Lunch & Learn: Smart Cities Development & Data Trusts
Peace Engineering Fellow **Elana Sokol** will facilitate a dialogue with **Richard Whitt**, author of the article *"From Thurit to Quayside: Creating Inclusive Digital Communities"*.
<https://whitt.medium.com/from-thurit-to-quayside-creating-inclusive-digital-communities-348cde93215f>

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2022 CCI Innovation Bootcamp

CCI is holding its first Innovation Boot Camp Jan. 3 - 7, 2022 in Arlington to help create the next generation of entrepreneurs.

This camp is specifically designed for Virginia undergrad and grad students from the state's public institutions. You'll work on real-world problems and learn how to turn ideas into products. Entrepreneurs, who know firsthand where the pain points are and how to overcome them, will advise you.

CCI is covering food and lodging—students are responsible for their travel to Arlington.

Apply by submitting a 60-second personal pitch video by 5 p.m. on Dec. 9, 2021 about why you should be admitted into the Innovation Boot Camp. Send the video to proposals@cyberinitiative.org.

2022 CCI Innovation Boot Camp

BUILD A FOUNDATION FOR YOUR FUTURE

DEVELOP PRACTICAL BUSINESS SKILLS

LEARN HOW TO TURN IDEAS INTO PRODUCTS

WORK ON REAL WORLD PROBLEMS

GAIN GUIDANCE FROM ENTREPRENEURS

JANUARY 3
through
JANUARY 7

@ VIRGINIA TECH
RESEARCH CENTER -
ARLINGTON

FUNDING OPPORTUNITIES

[Dear Colleague Letter: Encouraging Research on Open Knowledge Networks](#)

Full Proposal Date - April 15, 2022

[Dear Colleague Letter: Cryogenics Below 1 K - Systems, Cycle, and Materials](#)

Full Proposal Date - June 30, 2022

[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 Date - February 17, 2022

AWARDS

Congratulations to:

Kelly, Theodore Mills from the [College of Humanities & Social Sciences](#) and Co-PIs **Otis, Jessica M. and Mullen, Lincoln A.** for receiving the Andrew W. Mellon Foundation grant on *Building a Community of Supporters Through New Media and Audience Engagement*.

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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