



THE WEEKLY

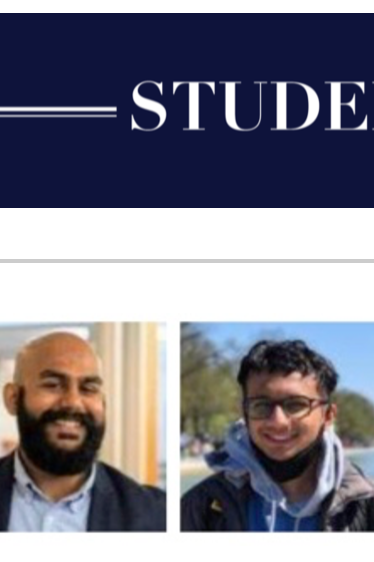
Greetings,

AnitaB.org, the National Center for Women & Technology (NCWT) and the STARS Computing Corps (STARS) are conducting a survey to understand the impact of the global pandemic on the conditions of work and educational environments in computing and technical degree programs and professions. Through the Investigating Compounding Impacts of Racism & COVID-19 on Learning & Employment in Computing & Technology (CIRCLE-CT) Study we are gathering responses from individuals across the computing and technical ecosystem including K-12 teachers; post-secondary program leaders, educators and students; and individuals in the computing and technical workforce and tech startup community.

We invite you to participate in this [10-minute survey](#). For more information about this study, please contact the Principal Investigator, Dr. Kai Two Feathers Orton, at kao@anitab.org.

And, please help us get the word out by forwarding this invitation to your network of computing students, alumni, colleagues in academia, as well as friends in the tech industry!

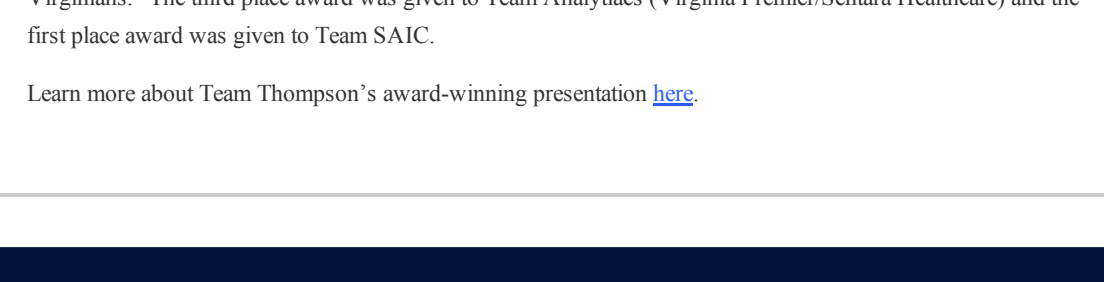
RESEARCH SPOTLIGHT



J.P. Auffret, Ph.D. is the director of the [Center for Assurance Research and Engineering \(CARE\)](#) in the [College of Engineering and Computing](#) and the director of the [Research Partnerships and Grants Initiative](#) in the [School of Business](#) at George Mason University. CARE is a multidisciplinary, research-to-practice center with "a range of technical, policy, leadership and management projects and initiatives."

Learn more about Auffret and CARE [here](#).

STUDENT SPOTLIGHT

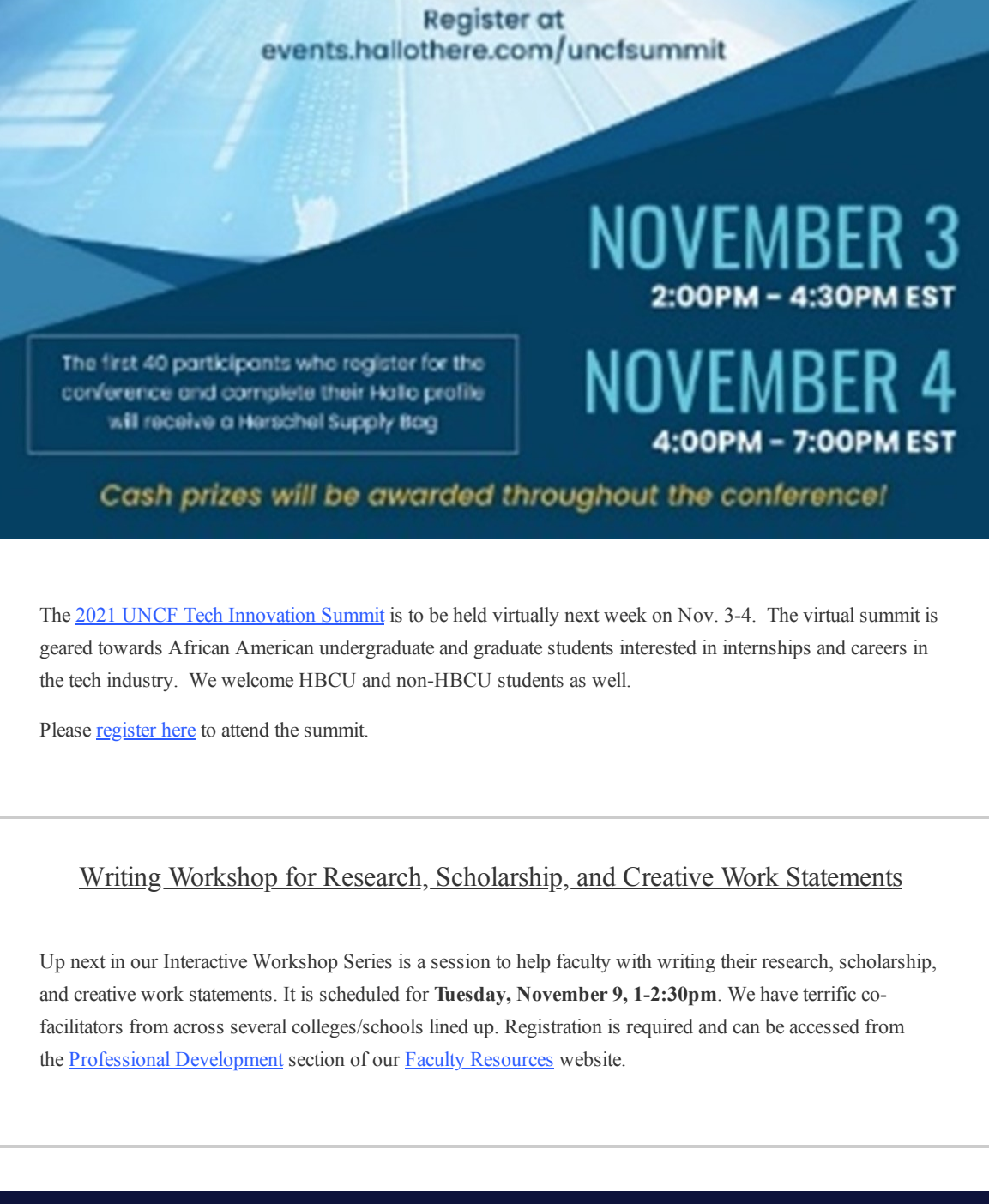


Mason's Team Thompson, awarded second place at the 2021 Virginia Datathon

Congratulations to Mason's **Team Thompson** for winning second place in the **Virginia Datathon**. This year's theme was *Addressing Hunger with Bits and Bytes* and twenty-six teams competed to "develop data-driven solutions to address hunger in the Commonwealth by developing workable solutions that could serve all Virginians." The third place award was given to Team Analytics (Virginia Premier/Sentara Healthcare) and the first place award was given to Team SAIC.

Learn more about Team Thompson's award-winning presentation [here](#).

UPCOMING EVENTS



The [2021 UNCF Tech Innovation Summit](#) is to be held virtually next week on Nov. 3-4. The virtual summit is geared towards African American undergraduate and graduate students interested in internships and careers in the tech industry. We welcome HBCU and non-HBCU students as well.

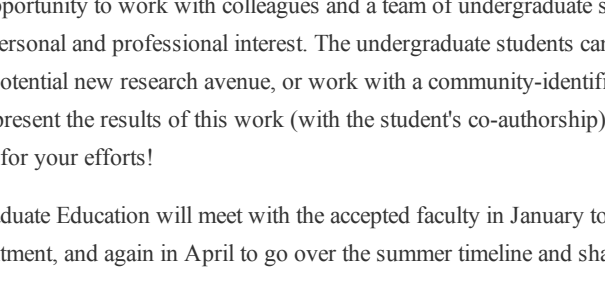
Please [register here](#) to attend the summit.

Writing Workshop for Research, Scholarship, and Creative Work Statements

Up next in our Interactive Workshop Series is a session to help faculty with writing their research, scholarship, and creative work statements. It is scheduled for **Tuesday, November 9, 1-2:30pm**. We have terrific co-facilitators from across several colleges/schools lined up. Registration is required and can be accessed from the [Professional Development](#) section of our [Faculty Resources](#) website.

VARIOUS OPPORTUNITIES

Calling All Innovators!



Learn about innovation management and receive a seed stipend to support your work.

NSF I-Corps explores innovation using the business model canvas and lean startup concepts. Participants will use the customer discovery process to develop a repeatable business model for their innovative concepts.

Visit Mason's NSF I-Corps or contact ciemason@gmu.edu for more information.

Summer Team Impact Projects



Summer Team Impact Projects tackle global questions and challenges within all three areas of Mason impact. Faculty present a question to a team of undergraduate students who work throughout the summer to create a solution and then present their findings, their action plan, or their prototype to the Mason community.

Faculty Information

Faculty will have the opportunity to work with colleagues and a team of undergraduate students on a question, challenge, or topic, of personal and professional interest. The undergraduate students can advance your current research, investigate a potential new research avenue, or work with a community-identified project. You are welcome to publish or present the results of this work (with the student's co-authorship) beyond Mason, and you'll receive a stipend for your efforts!

The Office of Undergraduate Education will meet with the accepted faculty in January to go over the program goals and student recruitment, and again in April to go over the summer timeline and share resources for a successful project.

The application deadline is December 3, 2021.

Visit [here](#) for more info.

Job Opportunity

The **Institute for Defense Analyses (IDA)** is hiring for a Research Analyst focused on artificial intelligence, machine learning, natural language processing (NLP), and data science. Research Analysts are highly qualified, self-starting professionals sought to advise DoD officials and selected audiences on cybersecurity challenges of national and global significance. Research Analysts are expected to develop the broader context (the big picture) for problems facing mid-level managers, senior executives, and military officials across the Federal government. Research Analysts are required to identify key components, while creating and executing appropriate analytic methodologies, and clearly conveying their findings to specialists and non-specialists alike. The position requires strong communication skills, and the candidate must be able to speak and write effectively, think analytically, and work independently.

The job application may be found [here](#).

FUNDING OPPORTUNITIES

[2022 Virginia Sea Grant Graduate Research Fellowships](#)

Full proposal dates - November 19, 2021

[National Science Foundation - Cyber-Physical Systems](#)

Full proposal dates - December 15, 2021

[National Institutes of Health/DHHS - Biomedical Data Repository \(U24 - Clinical Trials Not Allowed\)](#)

Full proposal dates - January 7, 2022

AWARDS

Congratulations to:

Kan, Cing-Dao from the [College of Science](#) and Co-PI Marzougai, Dhafer for receiving the US Department of Transportation (US DOT) grant on *Research Assistance to the Department of State (DOS) to Develop & Optimize Effective Anti-Ram Devices*.

Wang, Cong from the [College of Engineering & Computing](#) for receiving the National Science Foundation grant on CAREER: *Memory-Efficient, Heterogeneity-Aware and Robust Architecture for Federated Intelligence on Edge Devices*.

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](#)

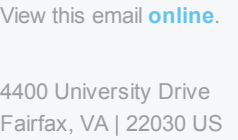
Become part of the [dynamic multidisciplinary faculty network](#) focused on digital techniques and technologies to advance fields as diverse as finance, education, built infrastructure, science, economics, agriculture, health, transportation, entertainment, national security, and social justice.

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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