Register to Attend the DHS **Centers of Excellence Summit** being Held on May 17 - 21, 2021. Please join the MSC and check out our exhibit booth at the virtual Centers of Excellence Summit being held May 17-21, 2021. The theme of this year's event is "University Research and Workforce Development for a Safe and Secure Homeland." The Summit will include panel discussions, COE exhibits, live demonstrations, and a Poster Competition and Tabletop Exercise for COE students. There is no cost to attend. Registration is required: [www.coesummit.org](http://www.coesummit.org)

**MSC Holds Workshop for MSI Academic Partners on Cybersecurity in the MTS.** Dr. Barry Bunin, Research Professor at Stevens Institute of Technology, together with MSC’s director of education, Beth Austin-DeFares led a virtual workshop for Minority Serving Institution (MSI) and community college educators on April 30, 2021. The objective of the annual workshop series is to share subject matter expertise and provide professional development opportunities and resources for educators working within underrepresented and underserved communities. The workshops also aim to inspire interest and program development in maritime security-related areas.

The topic for the April 30 workshop was **Cybersecurity in the MTS and other Critical Infrastructure.** Attendees included educators from Florida International University, New Jersey City University, Norfolk State University, and Texas Southern University, as well as participants from the Coast Guard’s First District, Sector New York, USCG Academy, and DHS S&T. For additional workshop details visit: [https://www.stevens.edu/STEM%20Educators%20Workshop](https://www.stevens.edu/STEM%20Educators%20Workshop)

**MSC’s 12th Annual Summer Research Institute.** The MSC will host its 12th annual Summer Research Institute from May 17 to July 9, 2021. This year’s program will include 14 students representing four US universities. This summer’s student research projects will include:

- Understanding cybersecurity risk in offshore wind farms
- Improved targeting for Coast Guard HAZMAT container inspections
- Advancing the autonomy and capabilities of a BlueROV
+ Geographic Information Systems and Coast Guard data visualization.

Outcomes from the summer research program will include research reports, posters, and a final presentation for MSC and DHS stakeholders. More than 220 students have participated in the program since its inception in 2010. The program has served as a catalyst for students to pursue field-based internships and careers within the homeland security enterprise and has resulted in the development of new technologies and knowledge products. To learn more about the program, visit www.stevens.edu/SummerResearchInstitute

**Call for Maritime and Homeland Security Guest Speakers.** The MSC is seeking guest speakers who would be interested in engaging with our Summer Research Institute students and faculty in conversations on subjects related to maritime and homeland security concerns, field operations and end-user technology needs, risk management, and DHS employment and career opportunities, among other topic areas.

MSC stakeholders play a key role in the education and experiential learning of our summer research students. Conversations with real-world homeland security professionals provide context for our students to better understand their research projects and allows them to connect the research they are conducting in the program to end-users in the field. If you are interested in participating as a webinar speaker or have a recommendation for a guest speaker, please contact us at MSC@stevens.edu.

**Faculty and Student Research Teams from NSU and NCCU to Conduct Research with the MSC.** MSC will host faculty and student research teams from Norfolk State University (NSU) and North Carolina Central University (NCCU) as part of the DHS Minority Serving Institution Summer Research Team (MSI SRT) Program. Dr. Mary Ann Hoppa, Associate Professor in the Department of Computer Science at NSU, and her student team will collaborate with Dr. Barry Bunin, Stevens Institute of Technology, on a project focused on understanding cybersecurity risks in offshore wind farms. Dr. Rakesh Malhotra, Associate Professor, Environmental, Earth and Geospatial Sciences and his student team will collaborate with Dr. Hugh Roarty, Rutgers University, to utilize Geographic Information Systems (GIS), to expand upon research conducted in the MSC’s Vessel Traffic Radar for Small Vessel Detection project. The MSI SRT program is sponsored by the DHS Office of University Programs. https://www.dhs.gov/homeland-security-careers/summer-research-team-program

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