MSC SUMMER RESEARCH INSTITUTE

Student Benefits
• Enhanced educational experience through experiential learning and research.
• Engagement in research and analysis as it relates to US maritime and port security.
• Competitive summer research stipends and on-campus accommodations.

Criteria for Participation
• Undergraduate students must possess an excellent academic record (GPA of 3.0 or better) and currently enrolled in a degree program.
• Graduate-level students must be currently enrolled in a degree program and demonstrate a GPA of 3.5 or better.
• Students from MSC partner schools are given priority in admissions decisions.

Application Process and Deadline
Students must submit a statement of interest, one letter of recommendation, and complete an online application form on the MSC website www.stevens.edu/ses/msc/education/summer-research-institute/apply. The deadline for submitting applications is February 7, 2020.

Location
The Summer Research Institute is held on the Stevens Institute of Technology campus in Hoboken, NJ. Situated along the Hudson River, opposite the New York City skyline, the Stevens campus provides summer research students a unique opportunity to study first-hand the complex maritime security issues of urban waterways and ports.

For more information, please contact
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Our Mission
The MSC supports the Department of Homeland Security’s efforts to secure the nation’s maritime borders, promote safe navigation and commerce, protect ocean resources and maritime infrastructure, and provide for the safe and secure use of US coastal and offshore areas, as well as inland waterways, through the advancement of the relevant sciences and technology, and the professional development of our nation’s maritime domain workforce.

Research Focus
- Maritime Domain Awareness (MDA)
- Maritime Surveillance Technologies and Sensors
- Modeling and Simulation
- Data Analysis and Integration
- Transportation Systems Design for Resilience

MSC Academic and Industry and Government Partners
The MSC brings together a unique group of academic institutions and public and private partners, led by Stevens Institute of Technology, Hoboken, New Jersey.

Academic Partners
- Stevens Institute of Technology
- University of Miami
- University of Puerto Rico at Mayaguez
- Massachusetts Institute of Technology
- Florida Atlantic University
- Louisiana State University
- Elizabeth City State University

Industry and Government Partners
- American Bureau of Shipping (ABS)
- The Mattingley Group
- The Port Authority of New York & New Jersey
- The Pacific Basin Development Council

SUMMER PROGRAM OVERVIEW:
- Students engage in thought provoking seminars and lectures by MSC researchers, maritime industry and government experts.
- Participate in collaborative multidisciplinary hands-on research, through modeling and simulation projects, data collection, and real-time analysis.
- Engage in field visits to ports, laboratories, and industry and government operational environments.
- Work as part of a motivated team to prepare final reports and present research findings and outcomes to MSC researchers and DHS officials.