CSR NEWSLETTER – SEPTEMBER 2014

Admiral Robert C. Parker joins CSR Advisory Board. CSR is pleased to announce that Vice Admiral Robert C. Parker (USCG Ret.), former Commander, Coast Guard Atlantic Area and Commander, Defense Force East, has joined the Center’s Science and Education Advisory Board. Admiral Parker’s time as Commander, Atlantic Area, provided several opportunities for collaboration with the CSR researchers and students. The Admiral’s participation on the Advisory Board will help ensure that the Center’s research and education activities are leading edge and responsive to the Coast Guard’s needs.

CSR’s Science and Education Advisory Board is composed of leading maritime and homeland security industry, government and academic practitioners, including: Admiral James Loy, Retired USCG Commandant and Deputy Secretary of the Department of Homeland Security, Lillian Borrone, Former Director of the Port of NY and NJ and Chair, ENO Foundation, Steve Carmel, Senior Vice President, Maritime Services, Maersk, Martha Grabowski, Research Professor, Rensselaer Polytechnic Institute, John Montgomery, Director, Naval Research Laboratory, Bethann Rooney, Manager, Port Security, Port Authority of NY and NJ, and Sidonie Sansom, Director of Homeland Security, Port of San Francisco.

CSR and NUSTL board NYPD Harbor Unit vessel for a patrol of the NY Harbor.
CSR’s Director of Education, Beth Austin-DeFares, together with Stevens DHS Career Development Grant students, joined Dr. Adam Hutter, Director, National Urban Security Technology Laboratory (NUSTL) and Dr. Carl Schopfer, Radiation Safety Officer, together with other NUSTL scientists, physicists and engineers, for a patrol of the NY Harbor with the New York Police Department (NYPD) Harbor Unit. Facilitated by Officers Balioni, Fedynak, Jessnik and Marsden, the trip highlighted the technologies used by the NYPD to conduct a range of security patrol and rescue missions in the busy urban estuary.

The trip provided a unique opportunity for members of the National Urban Security Technology Laboratory, who are the technical authority responsible for testing and evaluating homeland security capabilities for law enforcement and first responders, and the DHS National Center of Excellence, who is responsible for conducting research to enhance maritime domain awareness and port resilience, to observe first-hand the activities of local law enforcement in securing critical infrastructure and national landmarks along the waterfront, ensuring public safety aboard public and private commercial vessels, and in search and rescue operations.

The inclusion of CSR representatives on the harbor patrol highlights the linkages and synergies between NUSTL and CSR on the federal level and the NYPD Harbor Unit, on the local and regional law enforcement and emergency response level.
CSR Summer Research Institute discussed in book chapter within *Cases on Research and Knowledge Discovery: Homeland Security Centers of Excellence*. Beth Austin-DeFares, CSR Director of Education, has recently published a book chapter entitled *Maritime Security Summer Research Institute* as part of the *Cases on Research and Knowledge Discovery: Homeland Security Centers of Excellence* publication. The chapter discusses the positive impacts of experiential learning programs and engagement with homeland security practitioners, as key elements in inspiring innovative student research and interest in advanced academic study and careers in the maritime and homeland security domain. The chapter was co-authored by Dr. Barry Bunin and Dr. Julie Pullen.

Other university contributors to the DHS COE-focused publication, included Rutgers University, Morgan State University, Howard University and George Mason University.

**Stevens Institute of Technology signs Educational Partnership Agreement with U.S. Navy.** Dr. George Korfiatis, Provost and University Vice President, Stevens Institute of Technology and Rear Adm. Mark Darrah, Commander, Naval Air Warfare Center, Aircraft Division, sign an educational partnership agreement between Stevens and the Navy at a ceremony on the Stevens campus Hoboken, N.J, in September.

The five-year Educational Partnership Agreement (EPA) grants the university’s students and faculty access to NAVAIR’s state-of-the-art facilities and technology to solve existing and future problems, and recognizes the vital role that a science, technology, engineering and mathematics education plays in the future of the United States.

Click here for a Stevens press release on the [Educational Partnership Agreement](#).

**New Jersey State Senator Sweeney visits CSR's Maritime Security Laboratory.** CSR recently hosted a visit by State Senator Stephen M. Sweeney. The visit included a tour of the Center's Maritime Security Laboratory and demonstrations of CSR sensors technologies by graduate students in the Stevens DHS Career Development Grant Fellowship program. The Senator’s visit was facilitated by Stevens President, Dr. Nariman Farvardin and by Beth McGrath, Stevens Chief of Staff and Director of Community and State Relations.