USCG, CBP, US Navy, NJ OHSP & DHS S&T representatives attend CSR Stakeholder Meeting
CSR hosted a Stakeholder Engagement Meeting on September 19, 2012, to discuss the transition of its Satellite, HF Radar and Passive Acoustic sensor data into the command centers and operational settings of its stakeholders. Representatives from the US Coast Guard (USCG), Customs and Border Protection (CBP), US Navy, New Jersey Office of Homeland Security and Preparedness (NJ OHSP), DHS Science & Technology and Stevens Institute of Technology Maritime Systems Fellowship students attended the meeting facilitated by CSR Director, Dr. Julie Pullen. Dr. Pullen set the stage for the center’s Engage to Excel (E2E) plans and CSR PI’s Dr. Hans Graber, CSTARS, University of Miami, Dr. Scott Glenn, Rutgers University and Dr. Hady Salloum, Stevens Institute of Technology, provided presentations on the benefits of CSR sensor data and how it can assist in the near-shore and over-the-horizon situational awareness and surveillance capabilities of CSR stakeholders.

The meeting discussion centered around stakeholder high-priority needs and how CSR can address those needs through its tools and sensor data feeds. The second of several planned stakeholder meetings will be held in early January 2013.

CSR Showcases Emergency Response Tool at FEMA Technology Transition Workshop
Drs. Julie Pullen and Hady Salloum met with CAPT. Thomas Vitullo, Division Chief, First Coast Guard District, among other senior level emergency response personnel at a FEMA Region 1 Technology Transition Workshop in Boston, MA, on September 27, 2012. The workshop was organized by DHS S&T Office of University programs in coordination with FEMA Region 1, with the objective of pairing DHS Centers of Excellence (COE) with key stakeholders within the FEMA Region 1 geographical area. The workshop was designed to showcase COE tools and technologies that are ready for transition into the field.

In addition to discussing CSR’s sensor tool capabilities, Dr. Pullen showcased the Magello Emergency Response Tool, a tool developed by a team of students in the CSR 2011 Summer Research Institute (SRI) and further enhanced by a team of students in the 2012 SRI. The tool provides high-resolution atmospheric and oceanic data feeds into one easy-to-use web interface. The tool is also capable of conducting real-time plume modeling for oil spills and airborne chemical or radiological incidents.
**Fellowship Students Assist in USCG PREP-TTX**

Stevens Institute of Technology Maritime Systems Fellowship students were invited in a letter from CAPT. Loebl, Captain of the Port of New York, to participate in a Preparedness for Response Exercise Program - Table Top Exercise (PREP-TTX) on September 26, 2012. The meeting was facilitated by Matt Guanci, USCG Sector New York, and was attended by a broad range of New York and New Jersey, local, municipal, state and federal emergency response and environmental representatives. The fellowship students served as scribes and observers in both the discussion and field exercises. The students have since been invited to participate in additional exercises being planned by Sector New York in the near future.

**Stevens Institute wins third consecutive DHS Career Development Grant (CDG) Award**

Dr. Hady Salloum, Director Advanced Research Projects and Beth Austin DeFares, Director of Education, CSR, won their third consecutive DHS Career Development Grant Award to support three additional full-time students in the Stevens Institute of Technology Maritime Systems Master's Degree program, with a Graduate Certificate in Maritime Security. This award brings to total nine fully-funded students (tuition, stipend and books) into the Maritime Security focused program. Fellowship students are required to engage in employment in the Maritime Security/Homeland Security domain for a minimum of one-year following the completion of their Master's degree program. The academic advisor for the Fellowship program is Dr. Barry Bunin, Research Professor and Chief Architect, Maritime Security Laboratory.

To learn more about the Maritime Systems Master's Degree Fellowship program, please visit the Maritime Systems website at [www.stevens.edu/MaritimeSystems](http://www.stevens.edu/MaritimeSystems), and click on “Fellowship Opportunities”.

**Meetings, Conferences and Other CSR Activities**

- Drs. Julie Pullen, Hady Salloum and Raju Datla, Stevens Institute of Technology, met with CAPT. Alan Arsenault and Bert Macesker, Director, USCG Research & Development Center in August to discuss research initiatives and future collaborations.

- CSR PI's and administrators visited the USCG Sector New York Command Center at Ft. Wadsworth. Hosted by Sr. Chief Brian Avelsgard, USCG Sector New York, CSR representatives met with CDR Stacey Mersel, Chief Sector Command Center, who discussed the USCG’s initial piloting of WatchKeeper, the agency’s new information sharing and management system software, and observed the use of CSR’s HF Radar sensor feeds into SAROPS for surface current mapping purposes. The center’s HF Radar capabilities are provided by its academic partner, Rutgers University.

- On Sept. 19, 2012, CSR co-sponsored a USCG Auxiliary student information session at the center’s offices on the 6th Floor of the Babbio Center, Stevens Institute of Technology. The information session is Stevens Institute’s first step towards establishing an on-campus, student-led USCG Auxiliary program for its’ students. The program is being supported by Matt Leahey, Sue Fitzgerald and John Gallagher, USCG Auxiliary, and by LT Kenneth Saurbrunn, USCG Sector New York.

Dr. Julie Pullen, CSR Director, attended the Joint Conference of Harbor Safety Committees and Area Maritime Security Committees, in Pittsburgh, PA, on August 28 - 30, 2012. Dr. Pullen served as a panelist on the Maritime Training and Education Panel, facilitated by CAPT. Andrew McGovern, New Jersey Sandy Hook Pilots.

[www.stevens.edu/MIREES](http://www.stevens.edu/MIREES)

The Center for Secure and Resilient Maritime Commerce ([www.stevens.edu/CSR](http://www.stevens.edu/CSR)) is led by Stevens Institute of Technology and The Center for Island, Maritime and Extreme Environment Security ([www.cimes.hawaii.edu](http://www.cimes.hawaii.edu)) is led by the University of Hawaii.

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