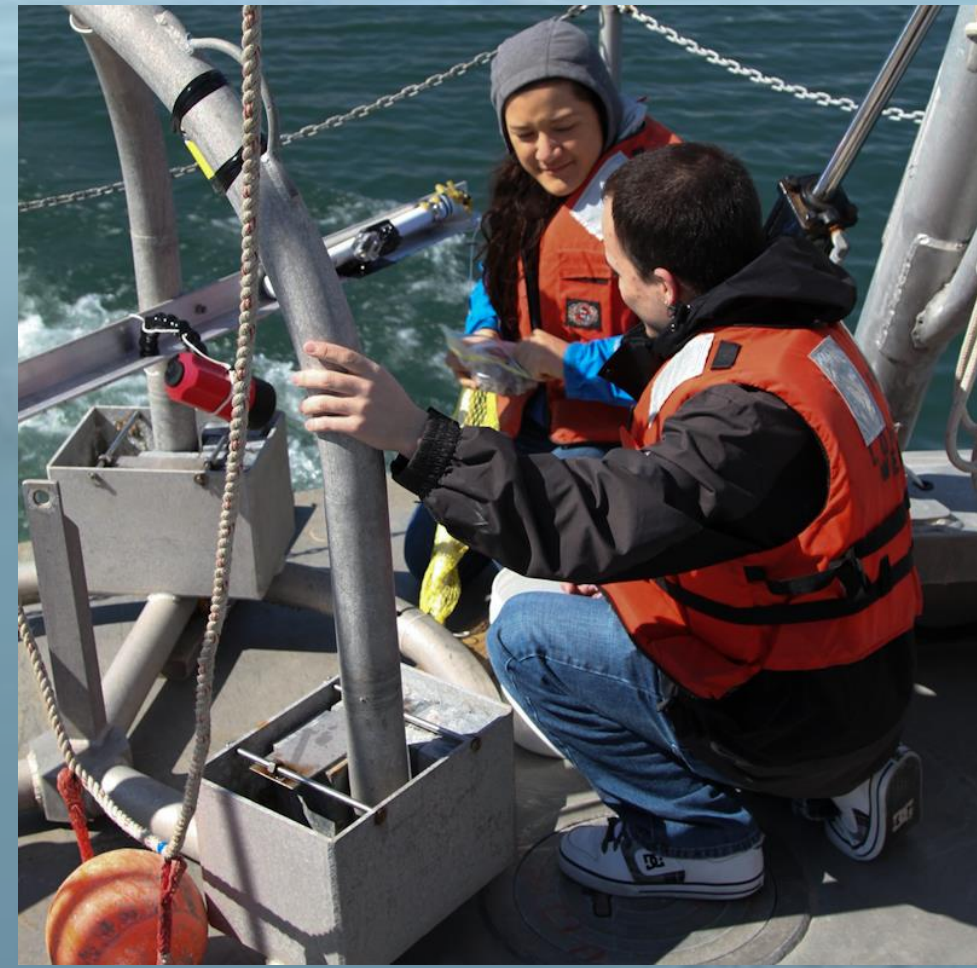


The Ocean Science & Technology Challenge at UConn - Avery Point

The **2013 COSEE-TEK / LSAMP OST Challenge** involved students and mentors working together to design, build, and field test a sensor or sampling device in Long Island Sound.



The **UCONN team** built a benthic monitoring array using an existing frame to mount two GoPro hi-def cameras, LED lights, and a current meter based on the design by Vitalii Sheremet through the eMOLT program at NOAA's Northeast Fisheries Science Center.



The **UMASS team** designed and built a plankton & water sampler similar to a traditional Niskin or Van Dorn device.

COSEE-TEK addresses the crucial linkages between science, technology, and engineering in the field of oceanography and develops educational resources that highlight the role of ocean technologies in advancing our understanding of the ocean.

Our goal

To enhance ocean science and technology literacy with hands-on experiences for students and teachers of all ages in an effort to engage and recruit the next generation of STEM workforce.



It is a natural evolution to expand **ocean literacy** with knowledge about the tools used to investigate ocean issues, in particular ocean technologies and the skills necessary to use them. The efforts of COSEE-TEK capitalize upon and synthesize the **engaging technologies** responsible for the ever-increasing pace of ocean discovery.



On the lookout for careers in ocean science & technology!

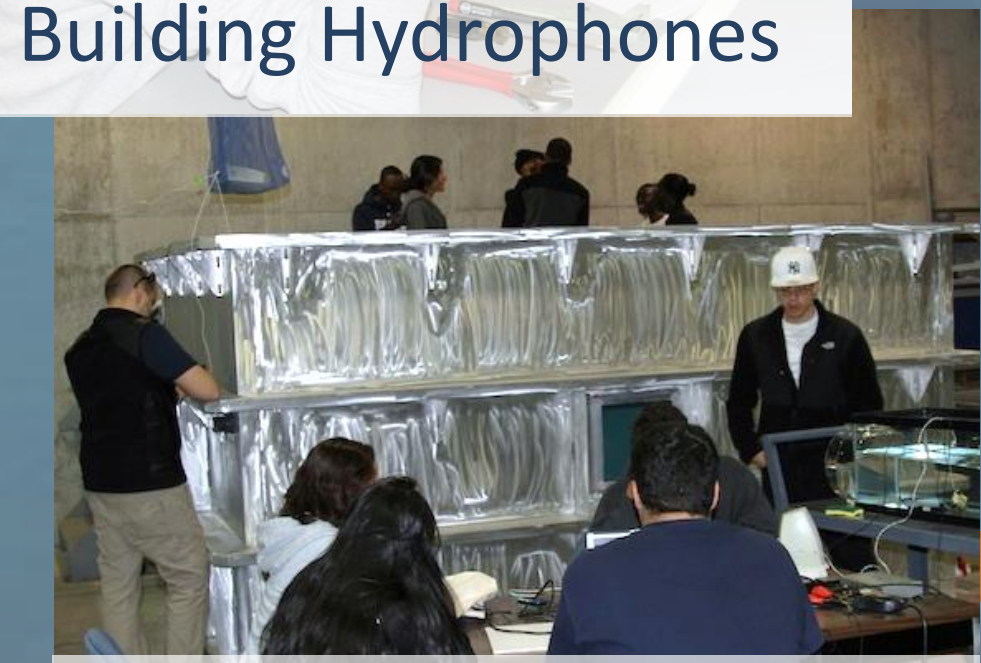


Ocean Careers Panel

The **2012 COSEE-TEK / LSAMP Program** provided students with a snapshot of ocean science and technology careers, challenged them to work in teams to build and test **hydrophones** and exposed them to basic ocean technologies used to sample the ocean.



Building Hydrophones



Tank Testing



Field Testing



...on seals



...and boats