

## STEM & ROV Interactive Demos at Beneath the Sea 2019

Are you interested in the ocean, diving, or water? The [Beneath the Sea Conference](#) at the Meadowlands Exhibition Center will provide STEM and career opportunities to explore your interests. Talk to experts and explore potential marine careers. Students from all age groups are welcome.



The [HireDivers Association](#) and the [American Chemical Society](#) nonprofits are organizing hands-on STEM experiments, demonstrations and introductions.

The interactive demonstrations will explore STEM in the underwater world. Topics include robotics, chemistry, optics, physics, engineering, and real-world experience from the unforgiving force of water. There will be a 10-foot drone tank, and small aquarium demonstrations at the HireDivers booth. Scientists and professional divers from the [Office of Naval Research](#) are invited for talks and demonstrations.



Grade 7-12 students will show [SeaPerch](#) and [MATE](#) underwater robots (ROVs) they built for competition. On Saturday, March 30<sup>th</sup> the students will meet with other ROV teams and local STEM groups and learn about OceanPals Marine Scholarships and Careers in Diving.



When: March 29-31, 2019

Friday – [Marine Career Day](#)

Saturday – STEM demonstrations, underwater robotics competition

Sunday – Continued STEM demonstrations – chemistry and properties of water

Where: The Beneath the Sea Conference

“The Largest Consumer Scuba & Dive Travel Show in America”

[www.beneaththesea.org](http://www.beneaththesea.org)

Meadowlands Expo Center, 355 Plaza Dr, Secaucus, NJ 07094

Demonstrations in the exhibit hall at the HireDivers booth and the drone tank

For more information:

Visit: [www.facebook.com/hiredivers](https://www.facebook.com/hiredivers)

About the STEM programs, contact Mark at [hiredivers@gmail.com](mailto:hiredivers@gmail.com)

About Beneath the Sea, contact Larissa: [lpotapchuk@yahoo.com](mailto:lpotapchuk@yahoo.com)



Organized by:

Mark McNulty (Hire Divers Association, Federal Public Safety Diver) and Dr. Charles Brumlik (Vice Chair, American Chemical Society, CME Group)

