

2017 SeaGlide Summer Workshop

The Naval Surface Warfare Center Carderock Division is offering a one-week SeaGlide workshop for scientists, engineers, and educators. The workshop will be held in West Bethesda, Maryland **June 26th-30nd**. Teacher stipends are available.

SeaGlide is an exciting new STEM program designed as a follow-on to SeaPerch. SeaGlide is an autonomous underwater vehicle (AUV) powered by an Arduino microcontroller. Participants will build circuits on a breadboard and control them by programming an Arduino microcontroller. You will also build a SeaGlide AUV and test it out. By the end of the week you will have all the knowledge you need to start your own SeaGlide program at your lab or school.

There will be guest lectures by scientists and engineers from NSWCCD, one of the Navy's leading research institutions. You will also get a chance to tour Carderock's state of the art model testing facilities.

We've been busy this year and are excited to share SeaGlide v1.1 with as many students and teachers as we can reach. Our partners at the AUVSI Foundation are shipping kits. The first SeaGlide Pilot competition was hosted by NSWC Philadelphia and Temple University in March. We are hard at work on new features and upgrades—you might get a chance to beta test some cool new features.

There are Navy-sponsored SeaGlide programs running out of Portsmouth Shipyard, SPAWAR San Diego, NSWC Philadelphia, and NSWCCD. There are also SeaGlide programs at independent research labs, aquariums, and universities across North America.



TO REGISTER: Contact Michael Britt-Crane at Michael.Britt-Crane@navy.mil. For build instructions, kit contents, program updates, & videos, visit seaglide.net.