SeaPerch:  
Connecting students, scientists and oceans around the world through underwater robotics  [http://seaperch.mit.edu/](http://seaperch.mit.edu/)

Come join us for a 2 day workshop where you will build your own ROV from scratch and learn how to use it in the classroom and in the field.

The Museum Institute for Teaching Science (MITS), MIT Sea Grant, the Office of Naval Research, and the Society of Naval Architects and Marine Engineers are partnering to offer this special opportunity for middle and high school teachers. Participants will experience the SeaPerch program through building their own ROV and then exploring how this ROV can be used in the classroom and field. Teachers will receive a complete ROV kit to use in the classroom along with the SeaPerch curriculum guide.

MITS provides professional development programs that promote inquiry-based STEM education for K-12 educators. MIT Sea Grant’s SeaPerch program introduces pre-college students and teachers to the wonders of underwater robotics. The SeaPerch program trains teachers, mentors and potential trainers how to build the remotely operated vehicles (ROVs), which are made with PVC pipe. With a marine engineering theme this project teaches basic underwater design skills and encourages the exploration of marine science and ocean engineering concepts and careers.

Where: Massachusetts Academy of Math & Science at Worcester Polytechnic Institute 85 Prescott Street, Worcester, MA  
When: November 6-7, 2009  
Time: 8:30 a.m. – 4 p.m.  
**16 PDPs will be awarded**

Cost: This workshop is funded by the Society of Naval Architects and Marine Engineers through a grant from the US Office of Naval Research and includes all materials, funds for substitute teachers on Friday, and lunch both days.

To apply: Please email Amy Hoffmaster ([ahoffmaster@mits.org](mailto:ahoffmaster@mits.org)) before **October 28, 2009** with the following information: Name, School, School Address, Phone, E-mail Address, Grade Level and Subject(s), Electronics/robotics experience