



ROV Workshop participant shows off her ROV.

# ROV Workshop

## An Easy, Fascinating and Fun Way to Learn and Teach Ocean Science Technology

Are you interested in learning about Remotely Operated Vehicle (ROV) technology and its use in ocean exploration and research? Would you like to be able to teach your students how to build an ROV? Would you be interested in putting together a student team to participate in the Gray's Reef Southeast Regional MATE ROV Competition whose top two winners go on to compete in the MATE International ROV Competition? If your answer is yes to any or all of those questions, then join us Friday and Saturday, February 10<sup>th</sup> and 11<sup>th</sup> at the Georgia Aquarium to learn more.

This workshop is hosted by Georgia Aquarium and NOAA Gray's Reef National Marine Sanctuary in partnership with Marine Advanced Technology Education (MATE) Center.

**So what will you learn and do?** Participants will:

- ◆ Build an ROV from PVC pipe and other materials and test their design by "flying" it in a pool;
- ◆ Discuss how ROV technology can be infused into high school curriculum tied to state and national standards;
- ◆ Be introduced to ROV technology and how it is used for research, monitoring, and exploration in national marine sanctuaries;
- ◆ Be provided with an overview of the Marine Advanced Technology Education (MATE) Center and their regional and national student ROV competitions;
- ◆ And as an added bonus get a behind the scenes tour of the Georgia Aquarium!



ROV Workshop Participants Dan Genrich and Jennifer Stock create their ROV.

**There is \$20 Fee for this workshop and it is limited to the 20 teachers.**



# Remotely Operated Vehicle (ROV) Teacher Workshop Application

February 19<sup>th</sup> (5PM-9PM) & 11<sup>th</sup> (8AM-5PM), 2012

Presented by Georgia Aquarium, NOAA Gray's Reef National Marine Sanctuary, and Marine  
Advanced Technology Education (MATE) Center

Please mail your application and check on or before January 21<sup>th</sup>, 2012 to:  
\* Kim Morris-Zarneke \* Education Dept \* Georgia Aquarium \*  
\* 225 Baker Street \* Atlanta, Georgia \* 30313 \*

NAME \_\_\_\_\_

MAILING ADDRESS FOR MATERIALS \_\_\_\_\_

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\_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

HOME PHONE \_\_\_\_\_ FAX NUMBER \_\_\_\_\_

SCHOOL OR INSTITUTION NAME \_\_\_\_\_

SCHOOL /WORK PHONE \_\_\_\_\_

SCHOOL/WORK FAX \_\_\_\_\_

GRADES AND CLASSES YOU TEACH \_\_\_\_\_

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ANY DIETARY NEEDS? \_\_\_\_\_

HOW WILL YOU INCORPORATE INFORMATION FROM THIS WORKSHOP IN YOUR CLASSROOM OR  
INSTITUTION?

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