



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 5th and 6th 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.

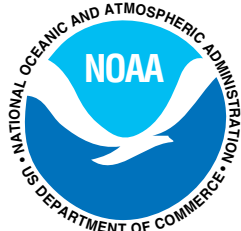
So what will you learn and do? Participants will:

- ◆ 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 NO FEE for this workshop but you MUST APPLY & BE ACCEPTED to attend. This ROV Workshop is limited to the 20 teachers.



Remotely Operated Vehicle (ROV) Teacher Workshop Application

February 5th (6PM-9PM) & 6th (8AM-5PM), 2010

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

Please submit your application (mail or fax) on or before January 15th, 2010 to:
* Kim Morris-Zarneke * Education Dept * Georgia Aquarium *
* 225 Baker Street * Atlanta, Georgia * 30313 * or fax: 404-581-4199 *

NAME _____

MAILING ADDRESS FOR MATERIALS _____

E-MAIL ADDRESS _____

HOME PHONE _____ FAX NUMBER _____

SCHOOL OR INSTITUTION NAME _____

ADDRESS _____

SCHOOL /WORK PHONE _____

SCHOOL/WORK FAX _____

GRADES AND CLASSES YOU TEACH _____

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

ARE YOU LIKELY TO FORM AND COACH A STUDENT TEAM TO ENTER THE GRAY'S REEF
SOUTHEAST REGIONAL MATE ROV COMPETITION ON SATURDAY, APRIL 24, 2010
YES or NO (Please circle one.)

STATEMENT OF INTENT

I understand that I agree to participate in the ROV Teacher Workshop, and am expected to attend the February 5 & 6, 2010 workshop. If I must cancel, I will send written notification to the address listed on the first page of this application by January 29th, 2010. For teachers: I intend to implement some aspect of ROV education in my curriculum by the end of school year 2009/2010.

Name

Signature Date

Please submit your application (mail or fax) before January 15th, 2010

to:

***Kim Morris-Zarneke * Education Dept * Georgia Aquarium *
* 225 Baker Street * Atlanta, Georgia * 30313 *
or fax: 404-581-4199**