



ROV Workshop Participant Sally Ferrell shows off her ROV.

ROV Workshop

An Easy, Fascinating and Fun Way to Teach Underwater 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 a regional ROV competition and perhaps an international competition? Join us Friday, January 26th (6PM-9PM) and Saturday, January 27th (8AM-5PM) at the Georgia Aquarium to learn more.

This workshop is hosted by NOAA Gray's Reef National Marine Sanctuary and Georgia Aquarium 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 an overview of the Marine Advanced Technology Education (MATE) Center and their regional and national student ROV competitions.



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.



Gray's Reef
National Marine Sanctuary



GEORGIA AQUARIUM



**Remotely Operated Vehicle (ROV)
Teacher Workshop Application**
January 26 & 27, 2007

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

**Please submit your application (mail or fax) on or before December 15th, 2006 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 SOUTHEASTERN REGION ROV COMPETITION ON SATURDAY, APRIL 21, 2007? – YES or No

STATEMENT OF INTENT

I understand that I agree to participate in the ROV Teacher Workshop, and am expected to attend the January 26 & 27, 2006 workshop. If I must cancel, I will send written notification to the address listed on the first page of this application by January 15th, 2007. For teachers: I intend to implement some aspect of ROV education in my curriculum by the end of school year 2006/2007.

Name

Signature Date

**Please submit your application (mail or fax) on or before December 15th, 2006 to:
Kim Morris-Zarneke*Education Dept* Georgia Aquarium*
225 Baker Street*Atlanta, Georgia*30313 or fax: 404-581-4199**

