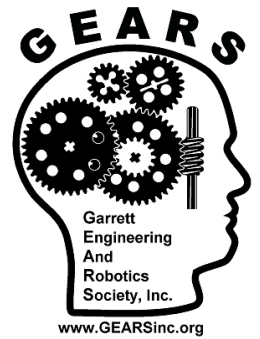


The GEARS Underwater Experience.




When / Where? June 29-July 3, 2009. Mon. – Fri., 5:30pm – 9:00pm

The camp will be held at the GEARS Building in Accident, MD.

Weather permitting, a picnic will be held on Saturday July 4 at a waterside location to enable participants to run their Robots in open water.

Cost? Tuition is \$95.00 per student. GEARS members will receive a \$10 discount.

Who? The target student age for this camp is 13 – 16 years. However, unlike some camps, parents are encouraged to participate in the Underwater Experience with their children. Consequently, younger age children will be permitted if their parents will be attending all sessions. Up to 16 students will be accepted to this camp.

What? The  Underwater Experience introduces students to the wonders of underwater robotics. Part of the Office of Naval Research's initiative, "Recruiting the Next Generation of Naval Architects," this program teaches students how to investigate weight and buoyancy, how to build an underwater robot (called a Sea Perch) and how to build a propulsion system complete with controller. Students attending the camp will:

- Learn about the real world applications for underwater Robots.
- Build an underwater Remotely Operated Vehicle (ROV).
- Explore math, science and technology related concepts required to build their ROV.
- Customize their ROV to perform real-world underwater missions.
- Work in teams to solve underwater challenges.

This will be a great experience for students with medium to advanced technology skills.



How? Students wishing to attend must apply using the application provided below.

- Complete the application form and sign the permission statement. Applications will be accepted through June 16. Students will be accepted on a first come-first served basis.
- Make your check for \$95.00 (\$85 for GEARS members) payable to **GEARS Inc.**
- Submit your check, the completed application form and permission statement by June 15, 2009 to the address at the bottom of the form.

For more information contact: Phil Malone (Phil.Malone@Mr-Phil.com) at (301) 387-2331



GEARS 2009 Underwater Adventure Camp: Application Form

Student Name _____

Student Age _____

Will a parent or older sibling also be attending all sessions? Yes / No

PERMISSION STATEMENT

I grant permission for my child to apply to this program. If my child is selected I will:

- Permit my child to participate in media events designed to promote the benefits of the program.
- Provide transportation for my child to attend the camp

Name of Parent/Guardian (Please Print)

Signature of Parent/Guardian

Daytime Telephone Number

Evening Telephone Number

Email Address

**Mail application to: GEARS Inc. P.O. Box 277, Mc Henry MD, 21541.
Visit www.GEARSinc.org for an online version of this form.**