

2nd Underwater Remote Operated Vehicle (ROV) Building for the Classroom Application December 5-6, 2008



Application Deadline Monday November 10th

- ★ Learn how to build your own underwater ROV!
- ★ Learn how to incorporate ROV's into your classroom curriculum!
- ★ Leave the workshop with one fully functioning ROV and support materials!

This workshop is open to all K-12 educators in science, engineering, technology, mathematics or any discipline that has interest in aquatic environments. **Space is limited.** A maximum of 8 teams, with each team made up of 3 educators from the same K-12 institution or ISD (24 total participants) will be selected to participate, based on the strength of their applications, including:

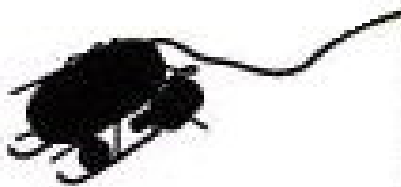
- Team and group dynamics
- A future vision and willingness to implement ROV technology into the classroom
- Professional background, teaching experience and philosophy
- Leadership experience
- A letter of support from their respective school principal committing \$150 toward the cost of materials used in the workshop.
- Willingness to share with the group what they have accomplished as a result of the workshop
- First preference will be given to schools in the Great Lakes region that have not previously participated in a CEF-ROV workshop

2008 ROV Workshop Application

Please include each of the following components in your workshop application.

1) Applicant background information for each team member including:

- Name
- Educational institution
- Mailing address
- Phone number and email address
- Current subjects taught, grade levels and class load
- Previous teaching experience (list courses, levels, and years taught)
- Professional background experience in pedagogy: (modeling, brain based learning, inquiry based learning etc.)
- Any notable professional recognition or awards
- Leadership experience (list any relevant presentations at the local, state, regional, or national level, or positions such as department chair, school improvement chair etc.)
- Professional growth (list any prior professional growth opportunities you have had that would support this workshop)



2) **Educational Institution Information for each institution represented:**

- Name of Institution
- Mailing address
- Principal
- Phone number and email address
- Composition of the student population and demographics served by your school (grades, ethnicity, economic levels, urban, suburban or rural)

3) **Teaching Philosophy and Future Vision (team summary)**

- Describe any special features about your teaching style or philosophy of you and/or your team members.
- Why do you want to participate in this workshop?
- How does your team foresee using the materials, information and expertise you will obtain from this workshop? Specifically, how will you use the materials to:
 - impact learning in your classroom or school?
 - support project-based learning in your classroom or school?
 - engage students and attract them to the fields of science, engineering, mathematics and technology?
 - support other classes such as marine biology, underwater archeology etc.?
- List any potential partnerships that may be produced in your area as result of this workshop.
- Include any other special features of your team, school demographics, geographic area or student population that would support your application.

4) **Please include a letter of support from your respective school principal committing \$150/team toward the cost of materials used in the workshop. All materials required to build one fully-functioning ROV will become property of your school following the workshop.**

5) **Application Deadline Monday November 10th**

Please submit your completed application via email (fortonke@csh.tcaps.net) or fax (231-933-3506) to Keith Forton, Traverse City Central Senior High School. Please include **ROV application** in the subject line to prevent accidental deletion. **Application deadline is Monday November 10th**. Successful applicants will be notified via email on or before Monday November 17th.

