

# National Ocean Sciences Bowl

## ◆ Great Lakes Bowl ◆



### What is it?

The National Ocean Sciences Bowl is a nationwide academic competition among teams of high school students. Regional competitions are held around the U.S. in February and March with the final national competition held in April.

The NOSB will test students' math and science skills as applied to topics on ocean (and Great Lakes) biology, chemistry, geology, physics, technology, history, and economics. Information about NOSB is available online to help students and teachers prepare for the competition: <http://www.nosb.org/>. You can also visit the Great Lakes Environmental Research Laboratory's NOSB web pages at <http://www.glerl.noaa.gov/pr/nosb/cur/>.

### When / Where will it be held?

The Great Lakes Bowl of the NOSB will be held on **February 4, 2012** at the University of Michigan in Ann Arbor, Michigan.

### Who competes?

High school teams of four students, one alternate, and a coach will compete in question and answer matches during the day-long competition. The competition format will be a 6 minute buzzer round, 2 team challenge questions, and another 6 minute buzzer round. The Team Challenge Questions require analysis of data presented and synthesis of several scientific and mathematical concepts. The students work as a team, and each team has the opportunity to win 20 points.

### What are the prizes?

The Great Lakes Bowl will award cash prizes, trophies, medals, and other prizes to top-finishers. The overall winning team of the regional competition wins a paid trip to compete in the National Ocean Sciences Bowl finals. Top prizes for the winning team of the finals competition has included cruises on oceanographic research vessels, visits to oceanographic research laboratories, computer hardware/software for the winning team's school, scientific equipment and laboratory supplies, scholarships, endowments, t-shirts, trophies, and medals.

### How do I enter?

The Great Lakes Bowl will be limited to 16 teams. Team entry in the event will be approved on a first-come first-served basis. Teams must complete and submit all required forms to be approved for entry into the event. Entry forms will be accepted through

**December 2, 2011.**

Registration forms can be obtained from the Regional Coordinator:

Sander Robinson, Cooperative Institute for  
Limnology and Ecosystems Research  
4840 S. State Rd.  
Ann Arbor, MI 48108  
TEL: 734-741-2172 ~ FAX: 734-741-2055  
[sander.robinson@noaa.gov](mailto:sander.robinson@noaa.gov) or [sanderdr@umich.edu](mailto:sanderdr@umich.edu)



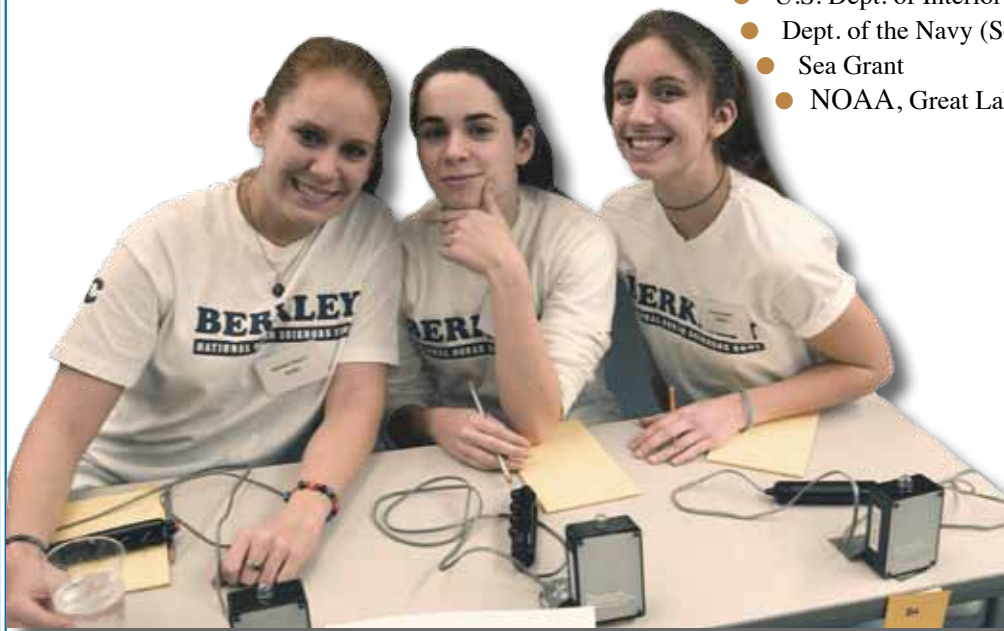
## Schools that competed in the 2011 Great Lakes Bowl

- Berkley High School, Berkley, MI (2 teams)
- Center for Advanced Studies, Oak Park, MI
- Dexter High School, Dexter, MI (2 teams)  
Team 1 (1st Place), Team 2 (2nd Place)
- Greenhills High School, Ann Arbor, MI (2 teams)
- Jeffers High School, Painesdale, MI (Quagga Mussel Award)
- International Academy West, White Lake, MI
- Lake Orion High School, Lake Orion, MI (3rd Place)
- Okemos High School, Okemos, MI (3 teams)  
Team 1 (Sportsmanship Award)
- Milan High School, Milan, MI
- Sault Area High School, Sault Ste. Marie, MI (4th Place)
- Standish-Sterling High School, Standish, MI

*“The National Ocean Sciences Bowl provides a unique opportunity to help promote literacy in science and mathematics through gaining a fundamental understanding of our greatest natural resource, the world’s oceans.*

*This educational project will also, for the first time, begin to forge a stronger link between the oceanographic research institutions and their neighboring communities of K-12 teachers and students.”*

*ADM James D. Watkins,  
U.S. Navy, Retired*



## Who hosts/coordinates it?

### Regional Hosts

- NOAA, Great Lakes Environmental Research Laboratory (GLERL)
- Cooperative Institute for Limnology & Ecosystems Research (CILER)
- Michigan Sea Grant

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- NOAA, Great Lakes Environmental Research Laboratory (GLERL)
- Cooperative Institute for Limnology & Ecosystems Research (CILER)
- Michigan Sea Grant
- University of Michigan, School of Natural Resources and Environment
- USGS, Great Lakes Science Center
- Great Lakes Fishery Commission
- Michigan Tech Research Institute
- Barry Bagels
- Dominos Pizza
- Chipotle

### National Hosts/Coordinators

- Consortium for Ocean Leadership
- National Marine Educators Association (NMEA)

### National Sponsors

- National Oceanographic Partnership Program
- National Oceanic and Atmospheric Administration (NOAA)
- National Science Foundation (NSF)
- NASA
- U.S. Geological Survey (USGS)
- Oceanographer of the Navy
- U.S. Dept. of Interior
- Dept. of the Navy (Science and Technology)
- Sea Grant
- NOAA, Great Lakes Environmental Research Lab