

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 will be held around the U.S. in February 2008 with the final national competition held April 25-27, 2008 in Seward, Alaska. 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 7, 2009** 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. The grand prize 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 26, 2008.

Registration forms can be downloaded from the NOSB home page: <http://www.nosb.org/>. Please send completed forms to:

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Ann Arbor, MI 48108
TEL: 734-741-2392 ~ FAX: 734-741-2055
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Schools that competed in the 2008 Great Lakes Bowl

- Andover High School, Bloomfield Hills, MI (2 teams)
- Greenhills High School, Ann Arbor, MI (3rd Place)
- Huron High School, Ann Arbor, MI
- Berkley High School, Berkley, MI (2nd Place)
- Buckeye Valley High School, Delaware, OH (2 teams)
- Dexter High School, Dexter, MI (1st Place)
- Hillman High School, Hillman, MI
- Lake Orion High School, Lake Orion, MI (2 teams)
- Linworth Alternative Program, Worthington, OH
- Mecosta-Osceola M/S/T Center, Big Rapids, MI (4th Place)
- Okemos High School, Okemos, MI
- Standish-Sterling High School, Standish, MI
- Tri-County High School, Howard City, 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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- University of Michigan: School of Natural Resources and Environment
- Great Lakes Commission
- USGS, Great Lakes Science Center
- Michigan Tech Research Institute
- COSEE Great Lakes
- Barry Bagels
- Dominos Pizza

National Hosts/Coordinators

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

National Sponsors

- National Oceanographic Partnership Program (NOPP) comprised of: National Oceanic and Atmospheric Administration (NOAA), National Science Foundation (NSF), U.S. Navy Office of Naval Research, NASA, U.S. Geological Survey (USGS), U.S. Minerals Management Service, U.S. EPA, U.S. Department of Energy, and Oceanographer of the Navy
- Sea Education Association
- Great Lakes Environmental Research Lab
- Marine Technology Society
- University of Southern California’s Wrigley Institute for Environmental Studies
- National Marine Educators Association
- Bermuda Biological Station for Research
- Oceanic Engineering Society
- Dolphin Research Center, Grassy Key, FL
- Crittercam, National Geographic Remote Imaging
- State Univ. of New York, Stony Brook (2007 National Competition Host).

