

7th Biennial Lake Superior Youth Symposium

Thursday, May 10 to Sunday, May 13, 2007

at Big Bay, Michigan (30 miles northwest of Marquette)

Action for a Superior Future

For students (grades 8-12) & educators
in Wisconsin, Minnesota, Michigan, and Ontario
who live in or care about the Lake Superior watershed

Registration Information

- Registration is limited to 200 students on a first-come basis and must be postmarked by April 1.
- Registration is \$125 per student or adult, which includes 3 nights lodging, meals, field trip transportation, and all activities.
- Initially, registration will be limited to 15 students per group. For questions, contact Karen Bacula (kbacula@mapsnet.org)
- One adult chaperone is required for every 10 students. Mixed groups require both a male and female chaperone.

Location

The symposium will take place at Bay Cliff Health Camp in Big Bay, Michigan. The camp is located on the shores of Lake Superior with many outdoor activities available on-site. There is space for 200 students, with additional adult housing available. Meals and evening activities will take place on-site.

Overview

Participants will share knowledge and skills, and address current issues which challenge the health of the Lake Superior basin. Activities will include field trips, watershed research, hands-on investigations, artistic expression, team/leadership building skills, recreational opportunities, and the history and culture of the Lake Superior region.

Hands-on Presentations

A wide variety of hands-on activities will be presented by natural resource professionals, artists, writers, historians, and educators. More than 40 presentation-topics are planned, including stream monitoring, soils and forestry, Native American (*Anishinaabe*) arts and culture, local and regional history, exotic species, geology, birding and wildlife. Students will pre-register for all sessions and field trips before the symposium.

Field Trips

Field trips will include such activities as hikes, mountain biking, kayaking, canoeing and historical tours. Saturday's activities will be centered on Munising Bay and Pictured Rocks National Lakeshore. Students will explore the area's natural and historic features and interact with interpreters and researchers in a variety of settings.

Personal Commitment

Action for a Superior Future

Throughout the symposium, students will work in small groups to develop a project they can implement when they return home that will improve and/or protect Lake Superior. Students will learn how to assess needs in their local community, brainstorm strategies for addressing issues, and create a work plan using the Kellogg Foundation's publication *Young People Creating Community Change*.

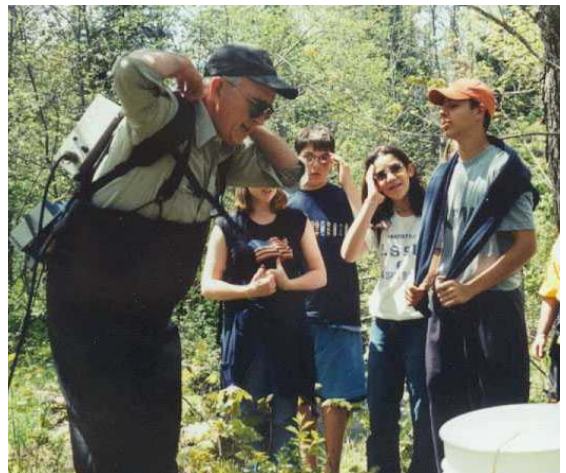


Photo from 2001 Lake Superior Youth Symposium at MTU

Schedule of Activities

Thursday – May 10

4:00 – 6:00 Check-in. Dinner at 5:30 pm.
7:30 – 9:00 Opening Program
9:00 – 10:00 Snack/ Social

Friday – May 11

7:30 – 8:30 Breakfast
9:00 – 12:00 Presentations & local field trips
12:00 – 1:00 Lunch
1:00 – 4:00 Presentations and local field trips
5:00 – 6:30 Dinner & Community Action session
7:00 – 9:00 Program

Saturday – May 12

7:00 – 8:00 Breakfast
8:15 – 10:00 Travel to Munising & Pictured Rocks
10:00 – 3:00 Activities and lunch
3:00 – 4:45 Travel back to Bay Cliff
5:00 – 6:00 Dinner & Community Action session
7:00 – 9:00 Game: *Instincts for Survival*

Sunday – May 13

7:30 – 8:30 Breakfast
9:00 – 11:00 Whole-group presentation on their
Community Action project or plan
11:30 Head for home!

**Sampler of Activities – Friday, May 11
Bay Cliff Health Camp, Big Bay**

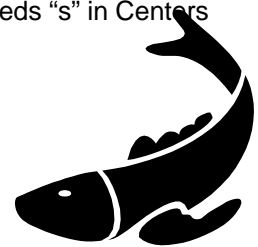
- Aquatic Invaders of Lake Superior; Aquatic Adaptations and Stream Biodiversity; Drain to Drinking Water; Bioaccumulation in the Great Lakes; How Do You Know If This Is a Healthy Stream?
- Lake Superior's Unique Weather Events and the Dangers of Rip Currents; Global Climate Change; Toxins in Air = Toxins in Lake Superior
- Geology Hikes: Landforms and Black Rocks; Forests and Forestry in the Upper Great Lakes; Non-native Invasive Plant Species
- Birds of the Lake Superior Region; Birding Hikes; Bird Banding; Amphibians in Spring; Michigan Wolves
- Historical Tour of Big Bay; Life Aboard a Great Lakes Freighter; What Makes a Cool City?
- Finnish Harmonica Tunes from Lumber Camps; Birch Bark Art; Writing in the Wild
- Ecology Games; Team-Building Games

**Sampler of Activities – Saturday, May 12
Munising & Pictured Rocks National Lakeshore**

- Hiking in Pictured Rocks National Park: All day Chapel Loop 9 mi.: cliffs, beaches & waterfalls
Half-day waterfall tours, Sand Point & Miner's Castle
- Canoeing on the AuTrain River (all day)
- Mountain bike tour of Grand Island National Recreation area (all day)
- Cultural Events at Alger County Historical Society: Blacksmithing demonstrations, wool spinning, and Native American (*Anishinaabe*) traditions
- Sample fish populations with large trap nets
- Cultural Tour of Munising with the National Park Service
- Quilling on Birch Bark
- Warrior Games
- Face in the Rock: Experiencing Anishinaabe Footprints in the Sand with author Loren Graham
- Explore George Shiras III Discovery Trail

Symposium Sponsors and Contributors

Alger Conservation District
 COSEE Great Lakes: Centers for Ocean Sciences Education Excellence (NOAA/NSF)--needs "s" in Centers
 Great Lakes Center for Youth Development
 Hiawatha National Forest, USDA Forest Service
 Lake Superior Bi-National Forum
 Marquette Area Public Schools
 Michigan Department of Natural Resources
 Michigan State University's Extension Program in Alger County
 Michigan Technological University
 Moosewood Nature Center
 Northern Michigan University's Center for Native American Studies
 Northern Michigan University's Seaborg Center – Michigan Mathematics and Science Centers Network
 Pictured Rocks National Lakeshore, National Park Service
 Michigan Sea Grant Program
 Superior Watershed Partnership
 US Fish and Wildlife Service
 Western Upper Peninsula Center for Science, Mathematics and Environmental Education



Lake Superior Youth Symposium – Form to Request Group Registration Packets

Registration deadline April 1. Full payment due at registration.

To request group registration materials, SEND this form to: Seaborg Center – Northern Michigan University
 1401 Presque Isle Ave.
 Marquette, MI 49855
 or FAX to: 906-227-2013

Name of Contact (Teacher or Group Leader): _____

School or Agency: _____

Mailing Address _____

City _____ State/Province _____ Zip _____

Phone (____) _____ Fax (____) _____

Email _____

For information, visit the symposium website: http://wupcenter.mtu.edu/education/lake_superior_symposium/
 or contact: Karen Bacula, Marquette Area Public Schools kbacula@mapsnet.org 906-226-6172
 Ann Joyal, Seaborg Center, Northern Michigan University ajoyal@nmu.edu 906-227-2092

FREE Roundtrip Transportation to the Symposium from Hancock

The Western U.P. Center for Science, Mathematics & Environmental Education has reserved a 45-passenger bus to transport students and teachers and chaperones from Hancock to the symposium. The bus will depart the CCISD at 1 pm, Thurs., May 10, and return by 3 pm Sunday, May 13. Students, teachers and chaperones ride FREE! To reserve seats, contact Loret Roberts at 906-482-0331 or loret@copperisd.org. For more information, contact Joan Chadde at 906-487-3341 or jchadde@mtu.edu. The bus is made possible by a grant from the Wege Foundation.

Great Lakes Drainage Basin - St. Lawrence River

