



Teachers – Want to join us at Camp?!?!

2012 4-H Great Lakes and Natural Resources Camp
July 29 – August 4, 2012 – Presque Isle, Michigan

Accepting applications for teachers to join us at camp!

Teach alongside the experts! Explore coastal habitats! Fight alien species invaders! Study water samples from a lake and wade in rivers researching fish! Sound like fun? Experience these activities and more when you serve as Instructional Staff for the nationally recognized **4-H Great Lakes & Natural Resources Camp!**

TWO Michigan teachers and ONE unforgettable professional development opportunity!

We are seeking and will select two enthusiastic educators for this opportunity to join area professionals, field experts, and students for a week-long, unforgettable experience both teaching and learning along the shores and in the woodlands of Northeast Michigan. Educators will gain experience co-teaching various Exploration Sessions with university and agency natural resources experts (e.g. U.S. Fish and Wildlife Service, MSU Dept. of Fisheries and Wildlife, Sea Grant, Dept. of Natural Resources, etc.), and will leave with contacts and relationships formed with these professionals, experiencing firsthand research and science learning as taught by the experts. We will also work with successful educator applicants to secure continuing education credits (CEUs) if desired.

A memorable and invaluable professional development opportunity for two teachers looking to advance their knowledge and understanding of Michigan's Great Lakes and natural resources; while experiencing hands-on, place-based education strategies for teaching and engaging youth in learning through natural resources science and stewardship.

About the 4-H Great Lakes & Natural Resources Camp:

4-H GLNR Camp is a Michigan State University pre-college program held annually in early August. This youth development, youth leadership program gives teens aged 13 to 15 the opportunities to:

- Increase awareness, appreciation and understanding of natural resources ecology and management.
- Learn to enjoy, teach about and provide leadership in natural resources, especially the aquatic environment and the Great Lakes.
- Be motivated and see value in becoming good stewards in local natural resources projects.
- Develop career and personal interests in natural resources ecology and management.

The camp is located in a diverse, natural resources-rich area near the northern shore of Lake Huron in Presque Isle, Michigan, at Camp Chickagami. Youth have the opportunity to learn from natural resource professionals in fields such as Great Lakes coastal and fisheries management, limnology, wildlife, forestry, geography, geology, as well as Extension and environmental education.

Nationally recognized, this camp exemplifies a tradition of excellence in teaching about and engaging youth with our Great Lakes and natural resources.

- 2011 National 4-H science program in-depth case study of science education best practices
- 2009 National 4-H and U.S. Fish and Wildlife Service Natural Resources Conservation Education Award
- 2008 National 4-H Program of Distinction

Great Lakes Ecology Exploration Sessions:

Each educator will focus on co-presenting, alongside the experts, one or more of the following sessions:

- **Fisheries** – Go charter fishing and learn about and fillet your catch. Sample local lakes and streams for native fish and other aquatic life and see these organisms and their habitats up close.
- **Wildlife** – Explore woodlands in search of birds and other wildlife species that call these forested habitats home. Learn about and experiment with research tools used to study terrestrial vertebrates, their behavior, and habitat.
- **Watersheds and Lakes** – Study water samples, explore an inland lake from aboard a boat, and learn about the freshwater version of marine biology! Collect mud from the lake bottom using scientific equipment, see what pollutes our lakes and learn ways to help protect our waters.
- **Coastal Wetlands** – Use GPS technology to explore and map unique coastal wetland habitats along the Lake Huron shoreline and search for geo-cache sites (hidden treasures) along the way. Discover and experience the coastal processes, plants, and critters of these unique shoreline habitats.
- **Shipwrecks and History** – Dive into history through underwater artifacts of our Great Lakes past – shipwrecks! See what it's like to be a sailor in a storm or a SCUBA diver exploring a shipwreck site. Work with underwater archeologists to learn about underwater exploration of shipwrecks as a way to preserve the past and bring our maritime history to life.

For more information, visit <http://4h.msue.msu.edu/4h/glnrc>

HOW DO I APPLY?

Complete and return the enclosed application to start your trip back to Summer Camp!

Program is looking to accept only two educators annually; successful candidates will be notified by March 15, 2012.

Share with us your background, interest in camp, and learning expectations. Your application will be reviewed and only two teachers to be accepted annually to participate in this program opportunity. Educators selected will be notified by March 15. Upon selection, a more thorough Camp Staff Application required for participation will be sent to you.

ELIGIBILITY: Open to any Pre-Service or In-Service Teachers; Michigan educators will be given preference. Note camp audience and educational programming is designed around youth learners aged 13-15 years.

TIME COMMITMENT: Required to attend spring staff training and planning meeting(s). Occasional planning and preparation communications with your session team leading up to camp. Required to attend and fully participate during full week of camp, including overnights at camp facilities. Camp begins Sunday, July 29 and concludes Saturday afternoon, August 4 – a long but rewarding week!

COST: No cost to participate. During camp, meals and lodging are provided. Travel arrangements, trainings and meetings are not covered.

Application DEADLINE: Wednesday, February 29, 2012, received by 5 p.m. EST. Please submit completed applications by email to: Brandon Schroeder, Michigan Sea Grant (schroe45@msu.edu)



**4-H Great Lakes & Natural Resources
Teacher at Camp
July 29 – August 4, 2012
Teacher Application**

Please note that this application must be received by email before 5p.m. EST Thursday February 29, 2012, to Brandon Schroeder schroe45@msu.edu

PERSONAL INFORMATION

Prefix (Choose one) Dr., Mr., Mrs., Ms.

First Name: _____ Last Name: _____

Home Street Address: _____

City: _____ State: _____ Zip Code: _____

Home Phone: _____ Email Address: _____

Teaching Certification Field/
Years of Teaching Experience: _____

SCHOOL INFORMATION

School Name & District: _____

If a Charter School,
list charter sponsor: _____

School Address: _____

City: _____ State: _____ Zip Code: _____

School Phone: _____ School Fax: _____

REFERENCE

Name of Administrator: _____

Administrator Phone Number: _____

EXPLORATION SESSION

Rate sessions (1st-5th) according to interest:

	1=1st choice; 5=5th choice				
Fisheries	1 []	2 []	3 []	4 []	5 []
Wildlife	1 []	2 []	3 []	4 []	5 []
Watersheds and Lakes	1 []	2 []	3 []	4 []	5 []
Coastal Wetlands	1 []	2 []	3 []	4 []	5 []
Shipwrecks and History	1 []	2 []	3 []	4 []	5 []

PERSONAL STATEMENT

Describe why you feel this program would benefit you as a professional. Describe how you plan to integrate this experience within your classroom instruction and community. Please limit your response to 300 words.

Signature of Applicant

Date

Send the completed application only by email to Brandon Schroeder, schroe45@msu.edu. **All application materials must be received by February 29, 2012 by 5p.m. EST.** Applicants will be notified of selection by March 15, 2012.