



Ride the Waves with GM

a collaboration between General Motors and the Michigan Tech Great Lakes Research Center

Great Lakes Investigations Aboard Michigan Tech's Research Vessel Agassiz Sign Up NOW for July & August Dates for Students in Gr. 4-12 ~ Fun! FREE! Educational!

Ride the Waves with GM invites youth in Grades 4-12 to join scientists from Michigan Tech's *Great Lakes Research Center (GLRC)* in the exploration of Lake Superior and Portage Waterway. Select 1, 2 or all 3 programs! Form your own group and sign up for a date of your choice, or join one of the explorations listed below by registering online.

July 18 & August 8 ~ Aquatic Food Web & Lab (Noon - 3 pm)

Investigate water quality and collect samples to examine in the lab to find out "How Do You Make A Lake Trout?" *All ages. 1.5 hours lab; 1.5 hours Agassiz*

July 19 & August 9 ~ Navigation Exploration (Noon - 4 pm)

Students use chart dividers and compasses to determine the Agassiz's position on a navigational chart and then navigate the Agassiz to a new location. Students will use algebra to determine the accuracy of their navigation. *Ideal for Grades 8-12 students. (2 hours classroom; 2 hours Agassiz. Limited to 12 students & chaperones)*

July 20 & Aug. 10 ~ Lake Superior's Ring of Fire (Noon - 4 pm)

Explore an area in Lake Superior where the shrimplike organism *Diporeia* is up to *20 times more abundant* than in any other part of Lake Superior! Why does it prefer this habitat? How does this affect the Lake Superior food web? *Ideal for Grades 9-12 students. (4 hours Agassiz)*

August 1 & 15 ~ Navigation by the Stars! (1-3 pm & 9pm - 1 am)

Participants will learn navigation basics from 1-3 pm in 104 GLRC, then meet back at the GLRC at 9 pm to head out on the Agassiz to use their celestial navigation skills. *Ideal for Grades 9-12 students. (4 hours Agassiz)*



Sign-up Online:

[RTW 2017 Registration](#)

or go to: <http://wupcenter.mtu.edu/>

For More Information:

Michigan Tech Center for Science &
Environmental Outreach Tel: 906-487-3341

Other dates available. Groups of 5+ students will be given preference in scheduling, so get with your friends and form a group! Chaperones encouraged to attend.