

Michigan Geological Survey Report from the K-12 Outreach Director, Peter Voice 8/16/2013;

1. The WMU Interdisciplinary Research Initiative Award for the amount of \$5000.00 was awarded on July 29<sup>th</sup>! This will support a workshop of area teachers who will be tasked with helping us develop ideas for an online MGRRE Education portal. The general idea of the portal will be to expose students to real science – given them the authenticity of doing actual research with real data. This input will then be used in support of future grant proposals (NSF Discover Research K-12 or DOE I3 development grant).
2. Scheduled tour with cub scout group for July 30<sup>th</sup>. 3 children and 2 adults. Did a Mineral identification exercise followed by tours of MGRRE and the Schmaltz Museum.
3. Did CMS training on July 31<sup>st</sup> and now can perform editorial work on the Survey Website.
4. Prepared with the assistance of Steve Barone, Linda Harrison, and Jeff Barney an annual report for the CoreKids Program.
5. Contacted Steve Wilson at the DEQ. He is in support of the outreach program here at the survey and provided much information as well as an invitation to come to the next Earth Day Event through DEQ.
6. Currently trying to schedule CoreKids activities with Josh Delamater at Grant Middle School in Newaygo County. 150 8<sup>th</sup> graders. He would prefer to bring them to MGRRE.
7. Steve Barone was retained for the summer and has done impressive work adding to our annual report, and working on developing new modules! He will try to stay on in some capacity in the Fall to help out with events on the east side of southern Michigan as well as to train graduate student(s) to run CoreKids Events.
8. Cranbrook Institute has invited CoreKids to come back for the Rouge River Water Festival (Sept. 11-13<sup>th</sup>). Steve Barone will run the event all three days with my assistance on Wednesday Sept. 11.
9. Collected fossil and rock specimens for a potential Michigan Fossils Module (Aug. 9<sup>th</sup> – 12<sup>th</sup>).
10. New modules in development
  - a. Shale Gas and Fracking – Steve Barone is developing this one which is funded through an American Petroleum Institute grant awarded to Linda Harrison.
  - b. Michigan Fossils – Peter Voice is developing this one with the assistance of Bill Harrison.
  - c. Natural Hazards – still in initial planning stage.
11. Joined the Michigan Earth Science Teachers Association, National Science Teachers Association, and the Society for College Science Teachers.
12. August 5. Led tour of MGRRE facility for the WMU Hydrogeology Field Camp. 30 students and 2 Instructors.