

Michigan Geological Survey Report 13 from the K-12 Outreach Director, Peter Voice [Sept. 26, 2014]

New Items:

1. Sept. 12th - Presented Report 12 to the Director of the Michigan Geological Survey at the Survey meeting.
2. Sept. 12th – Met with Bill Harrison, Heather Petcovic and Brian Horvitz to discuss the NSF proposal reviews and work out a plan of attack for resubmitting the proposal by the Oct. 18th deadline.
3. Sept. 12th – Worked on a new survey to generate additional teacher feedback on the need for a MGRRE Portal – sent draft version to Heather Petcovic for her comments.
4. Sept. 12th – Sent Tami Enberg (Reeths-Puffer High School, Muskegon) a follow-up email based on a request for information about Michigan Geology – specifically about Grand Ledge, MI.
5. Sept. 12th – Scheduled event at Cranbrook Institute of Science. Event run by Dawn Caldwell and Jay Kim. Event in support of the Cranbrook Rouge River Water Festival. 108 participants scheduled, but at least one class did not show for the CoreKids presentation. Feedback forms were provided by three of the teachers involved.
6. Sept. 15th – received Heather Petcovic’s edits on the survey to send out to MESTA and MSTA for feedback on the MGRRE Online Education Portal. Developed the survey using a Survey Monkey application. Waiting for Heather to check the final version of Survey, before sending it to the Editors of both Teachers Associations.
7. Sept. 15th – talked with Tom Howe about the Michigan Association of Environmental Professionals mini-grants in support of education and outreach activities. He is proposing that we submit the proposal to cover the expenses for a new sand table – one that is capable of topographic modeling in damp sand (and is also portable). Tom will fill out the application and I will read it over. He will submit the proposal.
 - a. Tom sent me the filled in application for edits. I returned it to him with my comments and he will submit at some point on Sept. 15, 2014.
8. Sept. 16th – Finished recommended edits to the survey from Heather. Submitted a letter and the survey link to the editors of the MESTA, MSTA and MDSTA newsletters soliciting their help in sending the link to their memberships.

9. Sept. 16th – received email from John Peters (Michigan Mineralogical Society) with a logistics update for the upcoming MMS Annual Show. He included a brochure for the event. I replied and answered his logistics questions and sent a few of my own.
10. Sept. 17th – sent email to the CoreKids staff soliciting staff for upcoming events. Have so far only heard back from Tony Boxleiter.
11. Sept. 18th – Jenny Trout requested that I call John Griffin (MI-API) to discuss his concerns about donations to the CoreKids program. I contacted him and assured him that the donation would be completely charitable. He is working on providing a contribution to the CoreKids program with his organization.
12. Sept. 18th – Patti Graves-Wesoloskey (President, Michigan Mineralogical Society) contacted me about an event that she was running and some of her future plans for outreach programs for her society.
13. Sept. 19th – Kyle Herm contacted me about the event at Friendship Village – tentatively setting a date for Nov. 7.
14. Sept. 23rd – Contacted Milt Gere (Retired MI. Geological Survey Staff) about the Central Michigan Lapidary and Jewelry show. He had asked Robb if we could put together a geology display. I have asked him for more details about the event – what kind of exhibit they would want and what kind of staffing might be required.
15. Sept. 23rd – Contacted the CoreKids staff – begging them to help me out with the scheduled events.
 - a. Received two responses from staff members for the MMS event and 1 response about the MSU/MESTA National Fossil Day event.
16. Sept. 23rd – I was contacted by John Griffin – who said that a donation had been approved by API and was on its way.
17. Sept. 23rd – Jenny Trout contacted me and Bill Harrison about a request to speak to the Holland Rotary Club at some point in 2015. I replied to her that I would talk to Bill about it.
18. Sept. 24th – exchanged emails with John Griffin about the API grant – he requested an invoice for the amount of \$18,000 for their paperwork. I asked Kathy Wright for assistance and she planned on contacting the WMU Foundation (Kyle Herm) to discuss the invoice.
19. Sept. 25th – The initial results of the MGRRE Online Education Portal Survey were quite promising – 32 people responded to the survey. Survey results appended to this report.

Current Totals (July 1, 2014 to July 1, 2015)

U of M Museum of Paleontology	36
Kalamazoo Air Zoo	25
WMU Hydrogeology Field Camp MGRRE Tour	32
U of M Museum of Natural History	23
MESTA Conference	37
MBGS Sept. 11 meeting	50
Cranbrook Institute of Science Rouge River Water Festival	108
<u>Total</u>	<u>545</u>

Projected Totals of Upcoming Events

MMS Annual Show	1200?
Scheduled School Visit	30?
MESTA-MSU National Fossil Day	150?
Gobles Elementary Science Job Fair	100?
Gull Lake Sparks Series Event	200?
<u>Total Projected:</u>	~1780
<u>Total Projected + Actual</u>	<u>2325</u>

a. Past Outreach Events, July 1st, 2014 and on

- i. July 3rd – University of Michigan Museum of Natural History Summer Camp
- ii. July 8th – Kalamazoo Air Zoo Eco Explorers Camp – on main campus [Michigan Geologic Resources and the Sandbox]
- iii. July 9th – Coldwater Branch, Branch Co. District Library [Natural Hazards: Volcanoes Module]
- iv. July 10th – Bronson Branch, Branch Co. District Library [Natural Hazards: Volcanoes Module]
- v. July 10th Sherwood Branch, Branch Co. District Library [Natural Hazards: Volcanoes Module]
- vi. July 11th – Union branch, Branch Co. District Library [Natural Hazards: Earthquakes Module]

- vii. July 16th – Kalamazoo Air Zoo Eco Explorers Camp – at Air Zoo
- viii. July 17th – Coldwater Branch, Branch Co. District Library [Natural Hazards: Earthquakes Module]
- ix. August 6th – Hydrogeology Field Camp MGRRE Tour
- x. Aug. 12th- University of Michigan Museum of Natural History Summer Camp
- xi. Aug. 14th –Aug. 16th – Michigan Earth Science Teachers Association Annual Meeting
- xii. Sept. 11th – M.B.G.S. Monthly meeting at MGRRE.
- xiii. Sept. 12th – The Cranbrook Institute of Science Rouge River Water Festival

b. Upcoming Events

- i. Oct. 10-12. Michigan Mineralogical Society Annual Show
- ii. Oct. 14: Classroom visit by K.G.M.S. President using CoreKids Core Pumps
- iii. Oct. 18: MSU/MESTA joint National Fossil Day Event
- iv. Oct. 23. Gobles Elementary School Science/Job Fair
- v. Nov. 4. K.G.M.S. Club Meeting at MGRRE
- vi. Nov. 7th – Friendship Village, Bronson
- vii. Nov. 7-8. Gull Lake Community Schools Foundation – Sparks Series, Science and Engineering Fair.
- viii. Nov. 8 Metropolitan Detroit Science Teachers Association Meeting
- ix. Nov. 19: U-M, Museum of Natural History Geology Day
- x. March 18, 2015: U-M, Museum of Natural History Geology Day