



American Institute of Professional Geologists Michigan Section

February, 2005

From the President's Desk

A new year and a new (AIPG Section) President; both occasions bring resolutions and goals, and I am feeling the excitement and responsibility of the time and the office. The executive board met recently and discussed what we would like to accomplish during 2005, and what we focused on are ways to increase the level of member participation. Even though the primary goal is not original, it is important. Our success would be measured by an increase in the attendance at the four or five regular dinner meetings being planned, as well as the expansion of member participation in the two major commitments we made last year, to pass a Professional Geologist licensure Bill, and to sponsor and organize the 2007 AIPG Annual Meeting.

The reality of increasing member participation in any organization that is dependent on volunteers is to create and sustain a perceived value in that participation. To that end, it is the responsibility of the leadership to do more than ask for your involvement, but to also make the organization valuable to you. We have tried to think of ways to do that and certainly one way is to make AIPG professionally relevant. We think that the Michigan Section has done this in the past and we are intent on continuing that emphasis.

Specifically, we are planning our first regular meeting in March around upcoming revisions in the MDEQ Operational Memorandum (Op Memo) #4, which will apparently recommend more standardized methods for various investigation and monitoring techniques. Several Section members have also volunteered to be part of a review group to offer input to the MDEQ regarding certain portions of the Op Memo. Kevin Lund, the Section Vice President, has initiated these involvements and has contributed an article in this newsletter, which includes the March meeting details.

Another membership value, which I think is often overlooked, is that we are part of a national professional organization. What I heard while attending the Annual AIPG meeting last fall is that AIPG National is committed to increasing their

practical value to you. One of the programs planned for launch in March 2005 is the availability of on-line courses in various aspects of geological training. The courses will be designed to qualify for Continuing Education Units (CEUs) and give members a convenient and inexpensive way of expanding their professional expertise and meeting licensure or employer requirements.

We hope what we have planned for the Section is of interest, and you will exhibit that interest by participating in the upcoming events. Also, the leadership is always looking for member input as to how we can improve the Section, and for those of you that want to get involved at a more active (committee or officer) level.

Bruce Beltman, CPG

Licensing Update

Happy belated New Year!

Our subcommittee is continuing to work with Representative Chris Ward's Office and hope to reintroduce bills for licensing of Professional Geologists sometime in the next week or two. We are encouraged to have the continued support for this proposed legislation from Rep. Chris Ward, our National Headquarters, and our Sections' members.

Please visit our new website at www.mi.aipg.org for the latest news regarding the status of the PG bills.

If you have questions or would like additional information about the licensing of professional geologists please send them to Walter Bolt at wjbolt@aol.com.

Walter Bolt

New Chapter WEB Address

Lesa Bagby (lbagby@geotransinc.com) has volunteered to manage the new Michigan Section website. The new address for the website is www.mi.aipg.org so be sure to update your bookmarks or "Favorites" entries. The site has been brought up to date with our old newsletters, licensing updates, 2007 Annual Meeting Planning Committee minutes, and other information.

Dannemiller Awarded AIPG “Presidential Certificate of Merit”

NEWS RELEASE from Soil and Materials Engineers, Inc. (SME) – December 14, 2004 (Plymouth, MI) – Gary Dannemiller, CPG, Senior Project Consultant in the Lansing, Michigan office of Soil and Materials Engineers, Inc. (SME), was awarded a “Presidential Certificate of Merit” by the President of the American Institute of Professional Geologists (AIPG).



The “Presidential Certificate of Merit” is presented to individuals who have made outstanding contributions to the organization. AIPG President, Robert Corbett, CPG, presented Gary and four other AIPG members with special plaques at the recent Annual Meeting held in Saratoga Springs, New York.

With over 30 years of experience, Gary provides senior technical/project management expertise in the areas of hydrogeological investigations, environmental chemistry, remediation plans, and litigation support. He holds a Master’s degree in Geology/Geochemistry from the University of Akron, and is a Certified Professional Geologist (CPG) through AIPG. He is a Past President of the Michigan Chapter of AIPG, and serves on the AIPG National Education Curriculum Committee and the National Scholarship Committee.

About AIPG-- The American Institute of Professional Geologists (AIPG), founded in 1963, is the largest association dedicated to promoting geology as a profession. It is a nonprofit organization with more than 4,800 members in the U.S. and abroad. The Institute adheres to the principles of professional responsibility and public service and is the only international organization that certifies the competence and ethical conduct of geological scientists. For more information, visit www.aipg.org.

About SME--Founded in 1964, SME has offices in Plymouth, Bay City, Grand Rapids, Kalamazoo, Lansing, and Shelby Township, Michigan; and Toledo, Ohio. SME supports clients at every stage of the building cycle, from site acquisition and design through construction and maintenance/restoration, including numerous aspects of brownfield redevelopment and financing. Our work in the geosciences, materials and the environment serves many markets – Commercial, Development/Redevelopment, Education, Energy, Healthcare, Industrial, Retail, State/Local Government, Telecommunications, Transportation, and Agriculture. For more information, visit www.sme-usa.com.

Brandt to Speak at March Meeting

Ms. Patti Brandt will present an overview of the Remediation and Redevelopment Divisions status to develop Operational Memorandum No. 4, Parts 201 and 213, Site Characterization and Remediation Verification. She will speak at the March 30 meeting of the AIPG Michigan Chapter. It will be held at Tony M’s Banquet at 3420 South Creyts in Lansing, Michigan, on March 30. The Memo is expected to have attachments addressing the methods to evaluate and remediate Soil and Groundwater. Discussions will include evaluations of Groundwater Not in an Aquifer, Sediment, Soil Gas, Indoor Air, Methane, Non-Aqueous-Phase Liquids, Groundwater Modeling, Monitored Natural Attenuation, and In-Situ Injection. This is important for the DEQ to ensure consistency.

Newsletter Notice via E-mail

Save us costs and more quickly receive meeting announcements and newsletters. Submit an updated e-mail address to Ty Black at tyblack@freeway.net or blackt@michigan.gov.

AIPG Michigan Section Officers Bruce Beltman, President, (517) 346-5080 (bbeltman@gwsi.biz); Kevin Lund, Vice President, (517) 545-2825 (kevin@insightes.com); Scott A. Cesarz, Treasurer, (248) 596-1170 (sac@msg-dearborn.com); Tim Woodburne, Secretary, (616) 364-8491 (twoodburne@preinnewhof.com).

Newsletter Editors Tyrone J. Black, 989-705-3402 (blackt@Michigan.gov) and Adam Heft, 517-887-1100 (hefta@fitzhenne.com).

Committees Awards, Jim Brode (jwbrode@ftch.com); Educational Outreach, Jim Brode (jwbrode@ftch.com); Membership, Mark Sweatman (marks@insightes.com); Regulatory Affairs, Vacant; Screening, Jim Ferritto (ferritti@michigan.gov); Student Chapters, Eric Wallis (Ewallis@WM.com); Quarterly Meetings, Scott A. Cesarz, (sac@msg-dearborn.com); Treasury, Bruce Beltman (bbeltman@gwsi.biz).

Circulation of the Michigan Section Newsletter is to over 360 members, a number of prospective members, several geology departments, and companies for a total over 450. Distribution is by e-mail and US. Copy in PDF format is posted at <http://www.mi.aipg.org>.

Newsletter Sponsors and Advertisements: The Sponsor section is \$15 per name or column inch for copy ready art. Copy preparation at an additional charge is available.

Professional Postings: The Professional Posting section, where you may advertise positions, is \$10 per column inch.

Seeking Employment: Members seeking employment may submit a 50-word listing at no charge.

Articles: The newsletter will feature topics on a quarterly basis, and will have a quarterly deadline for submissions. If you have ideas for topics or articles, query us or submit it!

Authors’ opinions in articles are not necessarily the opinions of the Michigan Section or National Headquarters of the AIPG.

\$1,000 for Earth Science Granted to Maltby Middle School

The Michigan Section of the American Institute of Professional Geologists awarded a \$1,000 grant to Catherine Grieve, Science Coordinator at Brighton Area Schools' Maltby Middle School. The grant will be used for earth science. Grieve assisted by Science teacher Bruce Hedberg applied for and received this and other grants to improve their science curriculum. The regular science budget for the school is \$2,000 and grants help stretch it among 10 teachers and 800 students.

The grant from the Michigan AIPG Chapter has helped purchase kits on chemical weathering of rocks and kits on reading river sediments.

Remaining funds will help buy a flow table which simulates real-world water, air and magma events such as water cycles, air masses, jet streams, groundwater pollution and plate tectonics.

Because the Chapter felt it would have an impact on the most students, this is the first year the full grant has gone to one school.



Left to right: Mark Sweatman MI-AIPG; Catherine Grieve Science Teacher; Dave Pruneau, Superintendent of Brighton Schools; Bruce Hedberg Science Teacher; Kevin Lund MI-AIPG; Marcia Tomasko Maltby School, Principal

2007 Annual Meeting Update

The Planning Committee for the 2007 annual meeting is continuing to refine the requirements for the meeting. In order to ensure that the members of the Michigan Section will have their interests satisfied, we have compiled a questionnaire, which is included below. Please take a few minutes to fill it out and return it to me either via email, hefta@fitzhenne.com, or fax, (517) 887-6335, and provide some feedback regarding possible field trips, short courses, and technical presentations that you personally would like to see included in the meeting. We will do our best to accommodate all requests.

Please keep up to date on the status of the meeting planning. Each of the newsletters will have a summary of the most recent Planning Committee meeting, and the summaries of all of the Planning

Committee meetings can be found on the Michigan Section website, at www.mi.aipg.org. The Planning Committee welcomes any suggestions regarding our meeting planning efforts. Anyone wishing to volunteer to help with the meeting planning efforts should contact a member of the Planning Committee.

Adam W. Heft, CPG
2007 General Chairman

Planning Minutes: Monday, December 20, 2004

The meeting began at 6:10 pm at the offices of STS, Inc. in Lansing. The following individuals were present: Adam Heft, Allan Blaske, Kevin Lund, Tim Woodburne, Ty Black, and Beth Rogers.

The fourth planning committee meeting was briefly summarized; specifically, the positives/negatives of the 2004 meeting, the decision to have the Park Place Hotel host our meeting, and a brief summary presented by each of the chairs.

The Michigan Section website is up and running; Adam Heft provided status, and asked for suggestions about additional information to include on the website (photographs, links, etc.) A series of photographs provided to Adam Heft by the Traverse City Visitors and Convention Bureau and the Park Place Hotel were circulated for discussion.

Adam Heft provided a brief summary about the status of the hotel contract with the Park Place Hotel, and the need to proceed with finalizing the details. A suggestion was made to use a general "placeholder" contract to secure our space, with a more detailed contract to be issued later. Adam Heft will discuss this issue with Bill Siok of National for guidance, and see if this is acceptable. If so, and if also acceptable to the Park Place Hotel, a placeholder contract should be in place with the Park Place Hotel by the end of January 2005.

A brief discussion was held regarding National's scheduling requirements for the meeting and how our plans may accommodate those requirements. It is currently believed that the problems generated by the required timing of the awards banquet can be fixed using an off-site location for that event.

Adam Heft indicated that National and the other General Chairs for the 2005 and 2006 meetings will be having a conference call the second week of January 2005 to discuss issues. Any questions or suggestions should be forwarded to Adam before that time to include in the discussion.

Each of the chairmen provided a brief report on the status of their specific tasks. The program, exhibit, and registration chairs had nothing specific to report, as ideas were still being formulated. The short course chair presented a list of possible short courses and individuals to conduct them. The field

trip chair had a list of possible trips, including two or three tentative trips that individuals would be willing to lead (a trip to the UP iron mines, Ice Mountain, and a glacial trip for the TC area). The publicity chair provided information before the meeting stating that the list of potential sponsors/advertisers would be revised and sent to each of the chairs between Christmas and New Year 2004. This will be the interim final list, and will be the basis for contacts. He asked that everyone review and add to the list. The finance chair provided a document summary depicting potential milestones for our planning process, and a very preliminary budget document that will be revised as we go forward. The rationale for the assumptions for both documents was summarized. The spouse program chair provided information prior to the meeting, which included a list of potential trips.

Several other issues were discussed during the meeting. It was decided that to be sure that contacts with the various Michigan universities and their students don't slip through the cracks, that we would add a Student Liaison Chair to the Planning Committee. This will be publicized in the next newsletter, which will be sent to members the first week of February 2005.

As part of the next newsletter, it was decided to include a questionnaire for the members specifically regarding the annual meeting. This will provide specific information about what is being planned, ask what specific events that members would like to see included (if not already on our list), and ask for a commitment from members planning to attend the meeting.

A suggestion was made to include as part of the exhibits a rock and mineral show (perhaps on one day) that would be open to the public. This issue will be discussed further at the next planning meeting. Another suggestion was made by Kevin Lund that we could perhaps offer a very early registration to Michigan Section members (a year or two in advance) to help get commitments and some early registration money). This issue will need to be discussed with National during the conference call in January.

In response to a request for suggestions for items to include in the registration pack and or similar items, a suggestion was made to have a silent auction for some particular item(s) during the meeting.

The planning group was also in concurrence that a potential Keynote speaker should be identified by June 2005, and preliminary contacts made with that individual. This issue will be revisited at the next planning committee meeting.

Finally, the next planning meeting date was set. The sixth planning committee meeting will be held on

Monday, February 21, 2005 at 6:00 pm in the offices of either SME or Strata (the location will be finalized by early January 2005. Maps and directions will be furnished prior to the meeting. The meeting finished at 7:40 pm.

Information Survey for 2007 Meeting

As you may be aware, a small group of individuals has been responsible for the bulk of the decisions regarding the planning of the 2007 Annual Meeting. In order to make the annual meeting valuable to you and your interests, the Planning Committee seeks your input.

Outlined below are ideas brought forth thus far for potential field trips and short courses for inclusion in the meeting. These have been suggested by the respective Chairmen, with input from the remainder of the planning committee and volunteers. Please take two minutes to fill in the form below indicating which activities you may be interested in attending. Return the form to Adam Heft via fax (517) 887-6335 or email (hefta@fitzhenne.com) by February 18, 2005. The planning committee appreciates your input, and looks forward to seeing you in Traverse City in 2007.

Planning Survey for 2007 Meeting

Potential Field Trips:

- Open Pit Iron Mines and Pellet-making
- Geology of the Pictured Rocks
- Geology of the Mackinac Island/Straits Area
- Geology of the Keweenaw Peninsula and Copper-bearing rocks
- Glacial Geology in the Traverse City Area, including Sleeping Bear Dunes
- Glacial Geology field trip outside of Traverse City area
- Ice Mountain Production Field and Bottling Plant
- Michigan Karst
- Oil and Gas fields in Northern Michigan
- Limestone Quarries / Concrete Production
- Fossils of Northern Michigan Quarries
- Lake Michigan Shorelines – Lake Levels and Erosion
- Old Limestone Quarries converted into developments (Petoskey Area)
- Other (Please Specify) _____

Potential Short Courses:

- Michigan Geology – Glacial Overburden
- Michigan Geology – Basin Rocks
- Low-Flow Sampling Techniques
- State Geologist Registrations
- Michigan Mining
- Other (Please Specify) _____

General Meeting:

At this time, I plan to ___/ may ___/ will not ___ attend the 2007 Annual Meeting.

Coming Events

March 8, 2005: MBGS meeting, "The Growing Demand for Heavy Oil & Gas and the Related Global Warming Issues" by George Stosur, U.S. Department of Energy. Details at <http://www.mbgs.org/meetings.html>

March 18, 2005: PTTC/MBGS/SPE Antrim Workshop, Holiday Inn, Mt. Pleasant, MI. For details visit <http://wst023.west.wmich.edu/pttc.htm>

March 30, 2005: AIPG Chapter meeting; "Operational Memo 4" by Patti Brandt, Michigan DEQ, Remediation and Redevelopment Division.

Location: Tony M's Banquet at 3420 South Creyts in Lansing, Michigan

Dinner: Buffet – Choice of Prime Rib, Baked Chicken, or Pasta Primavera, garlic roasted red skin potatoes, California blend vegetables, salad, bread, coffee, tea, ice tea, and choice of cheese cake or chocolate cake.

Schedule: Cash Bar/Check-in 5:30 to 6:30 PM, Dinner: 6:30 Speakers: 7:30 to 9:00. Prize Raffle.

Cost: Students \$25.00, Members \$35.00, Non-members \$40.00. Dinner is buffet style

RSVP by March 28. Telephone or e-mail registration with Name, Company, Address, Phone, Fax, and Amount Due to AIPG-Michigan Section, c/o Mr. Tim Woodburne at woodburne@preinnewhof.com or (616) 364-8491. Reservations not cancelled by March 28 will be billed. Checks to AIPG-Michigan.

Students attending the meeting and looking for full-time employment after graduation or a part-time summer position can bring several copies of their résumé. Leave one résumé at the sign-in desk upon arrival. Résumés obtained at the meeting are available to AIPG members seeking job candidates by contacting Kevin Lund, lundk@michigan.gov.

Newsletter Sponsors



Lawrence M. Austin, CPG
President

540 Leonard NW, Suite G
Grand Rapids, MI 49504

(616) 458-7980

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MEETING ANNOUNCEMENT

March 30, 2005

Michigan Chapter American Institute of Professional Geologists

Meeting Topics:

Ad hoc committee will present an update of the licensure of geologist in Michigan.

Ms. Patti Brandt with the Michigan Department of Environmental Quality, Remediation and Redevelopment Field Operations unit will be available to discuss the RRD draft Operation Memorandum 4.

Location: Tony M's Banquet at 3420 South Creyts in Lansing, Michigan
SEATING IS LIMITED TO 80 PLACES

Cost: Students \$25.00, Members \$35.00, Non-members \$40.00

Dinner: Buffet – Choice of Prime Rib, Baked Chicken, or Pasta Primavera, garlic roasted red skin potatoes, California blend vegetables, salad, bread, coffee, tea, ice tea, and choice of cheese cake or chocolate cake.

Schedule: Cash Bar/Check-in 5:30 to 6:30 PM, Dinner: 6:30 Speakers: 7:30 to 9:00. Prize Raffle.

Guest Speaker: Ms. Patti Brandt will present an overview of the Remediation and Redevelopment Divisions status to develop Operational Memorandum No. 4, Parts 201 and 213, Site Characterization and Remediation Verification. It is expected to have attachments addressing the methods to evaluate and remediate Soil and Groundwater. Discussions will include evaluations of Groundwater Not in an Aquifer, Sediment, Soil Gas, Indoor Air, Methane, Non-Aqueous-Phase Liquids, Groundwater Modeling, Monitored Natural Attenuation, and In-Situ Injection. This is important for the DEQ to ensure consistency.

Contact: Contact Tim Woodburne at twoodburne@preinnewhof.com or (616) 364-8491 with reservations no later than March 25, 2005

If you have an interest in these areas this is a must attend meeting to hear first hand what is coming up.