

# American Institute of Professional Geologists Michigan Section

January 2012

## From the President's Desk

As my year as president begins, I wish you all a happy and healthy New Year! I look forward to continuing my service with the Section's Executive Committee and to an eventful 2012. Thus far, the experience has been great and I anticipate 2012 will prove even more rewarding. I would also like to welcome Tim Cullen to the Executive Committee. He will serve as Section Secretary for 2012. Congratulations to Tim!

The Executive Committee has been working hard and we have several exciting events planned for 2012. Please read through the newsletter and put a few of them on your calendar! Back by popular demand, the Section is once again planning to co-sponsor a training workshop. Special thanks to Kevin Lund for taking the lead on this event once again. Last year's event was well attended, informative and of great value to those in attendance. We anticipate more of the same in 2012.

A goal we have for the Section is to increase participation amongst the members and to participate in public education. Geoscientists in Michigan represent a small group and our work often requires us to interact with the public. Discussing our profession and describing what we do for a living are all part of being a professional geologist. K-12 education and University student chapters have always been a focus for us. We can't forget that students are the future of the profession. The value of members networking with students can be both personally and professionally rewarding. I recently had the opportunity to teach a 3rd grade geology class. The kids were very impressed and I received an unbelievable number of emails from parents thanking me. Many thanks to my friends and co-workers for loaning me some really cool rocks, gems and dinosaur poop! The kids were impressed and it was truly a very rewarding experience. I have confidence that AIPG, as an organization, will continue to grow and that Section members will step

up each year to volunteer for leadership roles and support the profession.

Dawn Prell, CPG – 2012 Michigan Section President

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## Section Officers Reports

President: Information presented in the "From the President's Desk" article above.

Vice President: No report.

Treasurer: Details of the Section accounts are summarized in the Secretary's report.

Secretary: **December 1, 2011 Executive Committee meeting minutes are as follows:**

I. Call to Order: 4:30 PM

Attendees: Jason Lagowski, Don Conway, Dawn Prell, Adam Heft, Craig Savage, and John Barkach.

Minutes from September 29, 2011, Executive Committee meeting were reviewed and approved.

II. Treasurer's Report.

- The Michigan Section began the year with \$16,382 in financial assets and as of December 1, 2011, has \$26,451.
- No changes in the certificates of deposit (CDs), which will be allowed to roll-over in December 2011.

III. AIPG National Update.

No updates related to activities at AIPG National were presented.

IV. Election Results for Section Secretary.

Approximately 60 members participated in the voting for 2012 Secretary. Of the votes received, the majority were cast for Tim Cullen. Tim will take over from Craig Savage as Secretary beginning January 2012, as Craig moves into the Treasurer role.

V. Awards.

- Longevity awards (issued at 5 year intervals) will be e-mailed out from the Michigan Section in January 2012.
- Education Grants – Three grant applications were received and the Executive Committee voted to provide grants to all three applicants: Kelloggsville Public School (Grand Rapids) and TCAPS-West Middle School (Traverse City) each received \$500 for projects that furthered the educational of geology, and Adams Elementary (Midland Public Schools) received \$250 for a wetland project.
- Poster Sessions: \$500 was awarded to the best student poster presented at the full-member meeting. Erica Dalman from Grand Valley State won the best poster award.

## VI. Status of Student Chapters

No election yet at Wayne State to start a student chapter. Western Michigan University still may be interested but there has been no progress since discussions in September. Nothing new to report at Michigan State University, although they may be planning an alumni field trip for next year.

## VII. 2012 AIPG Section Meeting Schedules and Speakers. The following meetings and locations are tentatively scheduled for 2012:

March 1, TBD [See Coming Events for full details], Lansing MI: Trying to get a speaker from the MDEQ to discuss changes in the regulations and agency organization.

May 3, Western Michigan University, Kalamazoo, MI: Speaker - Sam Panno, Illinois State University. Earthquakes and effects on cave depositional features.

September 13, Central Michigan University, Mt. Pleasant, MI: Speaker - TBD

November 29, Cleary College, Howell, MI: Speaker - TBD

## VIII. Newsletter: The newsletter publication dates and associated deadlines for article submittals are as follows:

Publication Date	Submittal Deadline
January 20	January 6
April 9	April 2
August 17	August 3
October 19	October 5

IX. Other: Subcommittees – chairs aren't reporting or no one is seeking information. We need to determine whether committees are relevant and whether sitting Chairs are still interested in leading the committee.

Adam Heft's term as an Executive Committee member on the National AIPG Committee expires in January 2012, and the Michigan Section will no longer have direct representation to the National Committee.

X. Adjournment – 5:30 p.m.

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## Coming Events

**February 6, 2012:** SPE Meeting, Sources of Productivity Impairment in Openhole Completions by Richard Hodge, [www.michigan.spe.org](http://www.michigan.spe.org).

**February 12, 2012:** Darwin Discovery Day, Michigan State University Museum, 1-5pm, Free, <http://museum.msu.edu/index.php?q=node/358>.

**March 1, 2012: AIPG Section Meeting:** "Update on the MDEQ's Efforts to Reinvent the State's Environmental Cleanup Program" by Anne Couture.

Location: Kellogg Hotel & Conference Center, East Lansing.

Dinner: Choice of: Mediterranean Stuffed Breast of Chicken w/Olives, Sun-Dried Tomatoes, Arugula and Goat Cheese with Puttanesca Sauce; Chipotle Honey Glazed Salmon Fillet w/Cinnamon-Scented Cous Cous; Marinated London Broil, Grilled flank Steak w/Burgundy Sauce; served with Roasted Redskin Potatoes.

Schedule: Cash Bar 5:30-6:30 PM, Dinner 6:30 PM, and Speaker 7:30-9:00 PM.

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

**RSVP by February 28, 2011:** RSVP to Tim Cullen at [trcullen@umich.edu](mailto:trcullen@umich.edu). Please remember to include your meal choice. Notice by e-mail is preferred, and please include AIPG Section Meeting in the subject line. Tim can also be reached at (734) 763-5267.

**May 3, 2012:** Michigan Section AIPG Meeting, Kalamazoo. Information forthcoming.

**May 15, 2012:** Michigan Section AIPG 8<sup>th</sup> Annual Golf Outing, Lyon Oaks Golf Course, Wixom. Forms can be faxed to (888) 417-4440 or e-mailed to [klund@g-eri.com](mailto:klund@g-eri.com) or [Bob@ERGrp.net](mailto:Bob@ERGrp.net).

**June 20-21, 2012:** Michigan Section AIPG and MDEQ LNAPL Conference, RAM Center, Higgins Lake. See information in this newsletter; program information and full details coming soon.

**September 13, 2012:** Michigan Section AIPG Meeting, Mt. Pleasant. Information forthcoming.

**September 22-25, 2012:** AIPG Annual Meeting, Best Western Ramkota Rapid City Hotel & Conference Center, Rapid City, South Dakota. <http://www.aipg.org>.

**November 29, 2012:** Michigan Section AIPG Annual Meeting, Cleary College, Howell. Information forthcoming.

**October 23-26, 2013:** AIPG 50<sup>th</sup> Annual Meeting, Omni Interlocken Resort, Broomfield, Colorado. <http://www.aipg.org>.

## Annual Golf Outing – Save the Date!

It is time to start planning for our Eighth Annual AIPG Golf Outing. We hope to continue to add to our numbers of golfers and sponsors this year. This event will take place on May 15, 2012. We plan to return to Lyon Oaks Golf Course in Wixom, MI.

This event has become a great opportunity to spend time with clients, network with colleagues, and celebrate the return of warm weather to Michigan. This event is open to everybody, so please come and take advantage of the opportunity.

Please pass this information along to your service providers/contractors/suppliers. This event offers excellent exposure for companies that support and serve our profession.

The money we raise is put toward the Michigan Section's K-12 educational grant recipients. To insure continued success, please assist us by participating, sponsoring, soliciting sponsors, and/or donating prizes or items. Call Bob Reichenbach at 734-476-5933 or Kevin Lund at 888-417-4440 to register or to offer your time to assist with the event.

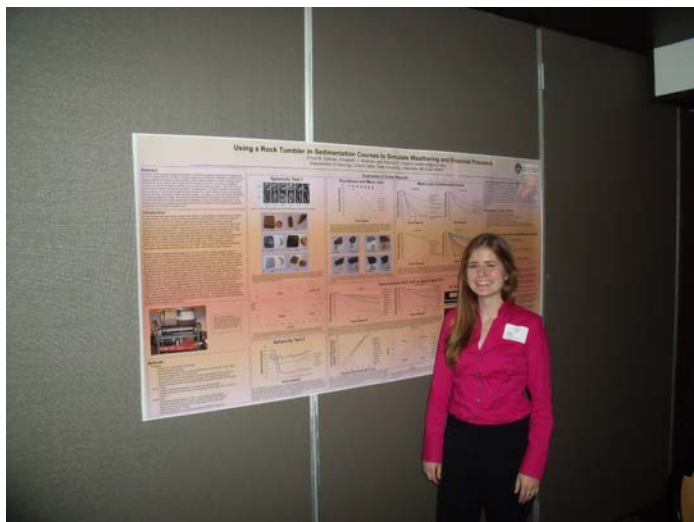
The registration and sponsorship form is included in this newsletter and has been posted to the Michigan Section's website <http://mi.aipg.org/>. Click on the "Golf Outing" tab. Forms can be faxed to (888) 417-4440 or e-mailed to [klund@g-eri.com](mailto:klund@g-eri.com) or [Bob@ERGrp.net](mailto:Bob@ERGrp.net).

We hope to see you May 15!

Bob Reichenbach, CPG and Kevin Lund, CPG – Michigan Section Golf Outing Co Chairs

## Annual Section Meeting Summary

The AIPG Michigan Section held its annual meeting on Thursday, December 1<sup>st</sup> at Weber's Inn in Ann Arbor.



Erica Dalman and her student poster that won the 2011 student poster contest. Photograph courtesy of Adam Heft.

The meeting was well attended, and a number of students also were present. The Section Executive Committee held its annual student poster contest, and Erica Dalman and her poster titled "Using a Rock Tumbler in Sedimentation Courses to Simulate Weathering and Erosional Processes" was selected as the winner of the annual \$500 award.



Members and students visiting during the social hour before dinner and the presentations. Photograph courtesy of Adam Heft.

Following the social hour and dinner Dan Rogers presented his informative talk on "Why Geology and Chemistry Form the Foundation in Sustaining Urban Areas."



Speaker Dan Rogers presenting information on "Why Geology and Chemistry Form the Foundation in Sustaining Urban Areas." Photograph courtesy of Adam Heft.

The Section business portion of the meeting followed the talk by Dan. The Executive Committee announced the result of the election of Section Secretary; Tim Cullen will be joining the Executive Committee in 2012. Congratulations Tim!

The Section Executive Committee also made a dual award for "Significant Contribution to the Michigan Section" to Kevin Lund and Sara Pearson; the awards were presented by Adam Heft. Kevin and



Sara had organized the very successful In Situ Conference held in June 2011 at the RAM Center. In addition, Kevin is one of the Golf Outing Co-Chairmen, and Sara organizes the summer field trip for the Section. Both are past officers of the Michigan Section. Thanks to both Kevin and Sara for their ongoing hard work and dedication to the Michigan Section!



Adam Heft presenting Kevin Lund and Sara Pearson with their 2011 "Significant Contribution to the Michigan Section" award plaques. Photograph courtesy of Adam Heft.

The Michigan Section also awarded three educational grants to Midland School system (Adam Elementary), West Middle School in Traverse City, and Kelloggsville Public School in Kentwood. Awards given were in the amounts of \$250, \$500 and \$500, respectively.

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## AIPG Michigan Section Longevity Awards

With the new year comes the opportunity to acknowledge those individuals that have been members of AIPG for a number of years. Members reaching 10, 15, 20, 25, and 30 years of membership are listed below, and will be receiving a certificate documenting their longevity milestone.

Individuals that have been members for 10 years include: Bruce Beltman, Daniel Cassidy, Scott Cesarz, Tom Cok, Joyce Dunkin, Rick Dunkin, Ryan Dunning, Kristopher Nolan, William Prall, Matt Stuk, and Michael Zack.

15-Year members include: James Arduin, Charles Brumleve, Neil Chamberlain, Lee Claucherty-Thor, Kurt Kunningham, Andrew Foerg, Eugene Gutting, Linda Hensel, Gordon Hotchkiss, Eric Kimber, Eric Larcinese, Michael Leahy, Joseph Mark, John Marsh, A. McMonagle, Richard Peck, Darrell Potter, Michael Pozniak, David Regalbuto, Jeffrey Simsa, Jean Talanda, and Michael Wolf.

The 20-year members are: Thomas Brunelle, Donald Carpenter, Michael Colvin, Curt Cramer, Tim Hebert, Virginia Himich, Erik Johnson, John Rodwan, Michael Serafini, Alan Trippel, and David Woltz.

Tim Cullen (our 2012 Secretary), Duane Jorgensen, and Kenneth Wiley have each been members for 25 years.

Gary Dannemiller has been a member for 30 years.

Congratulations to all of our longevity milestone members, and thank you for your support of the Michigan Section AIPG over the years!

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## AIPG Michigan Section Summer Field Trip

We are working on plans for the AIPG Michigan Section Summer Field Trip that will most likely be held in August 2012. Two locations are being considered. They are Beaver Island or the Eastern Upper Peninsula including Mackinac Island. I'm looking for someone with some expertise in the geology of either of these great destinations to help point me in the right direction for putting together a family-friendly, two day, geology-based field trip. If you have any ideas or know of anyone, please send them to me at [pearsons@michigan.gov](mailto:pearsons@michigan.gov) or call me at 616-356-0253.

Sara Pearson, CPG

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## Welcome New Members

The Michigan Section is continuing to grow. Please welcome the following new CPGs, Professional Members, Young Professional Members, Associate Members, and Students:

Jon Hirschenberger, Rodney Johnson, Jason Armstrong, Tony Anthony, Nathan Erber, Nicholas Scappaticci, Rachel Medina, Nicholas Anderson, Kayla Frisinger, Michael Stockoski, Trisha Smrecak, Christy Steffke, Kyle Eno, Kase Knochenhaver, Caitlin Leslie, Bruce Schultz, and Adam Davis.

To each of our new members, the Michigan Section Executive Committee would like to welcome you to our Section, and encourage you to attend Section meetings and other events. You are also welcome to provide information for the Member's Corner articles.

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## MDEQ Initiating Efforts to Reinvent the Cleanup Program

In December 2011, Ms. Anne Couture became the new Acting Chief of the Michigan Department of Environmental Quality's Remediation Division. As the new acting division chief, Ms. Couture has

announced that efforts are being taken by the Division to reinvent the state's cleanup program. The efforts will include a Collaborative Stakeholders Initiative (CSI) that will involve in-depth discussions amongst stakeholders focusing on seven different topics. Some of the stakeholders proposed to be involved in this process include Michigan Manufacturers Association, Michigan Chamber of Commerce, Detroit and Grand Rapids Chambers of Commerce, Michigan Chemistry Council, Michigan Municipal League, Michigan Environmental Council, and the Air and Waste Management Association.

The issues to be addressed through the CSI process include the following:

1. Groundwater/Surface Water Interface Pathway (GSI)
2. Cleanup Criteria
3. Vapor Intrusion
4. Free Product Recovery; Source Removal and Control; C-Sat
5. Brownfield Redevelopment
6. Part 201 Rules
7. Due Care Obligations

The initiative is intended to be a brief exercise conducted during three meetings during the month of February with collaborative and consensus-based recommendations to be given in March. Ms. Couture is scheduled to speak at the Michigan Section's March 1st meeting in Lansing and should be able to update our membership on the recommendations provided by the collaborative efforts. Make sure you don't miss this meeting!

Sara Pearson, CPG, MDEQ RD Senior Geologist, Grand Rapids District

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## Support our Sponsors!

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## Save the Date!

AIPG Sponsored and MDEQ Endorsed LNAPL Training is scheduled for this summer! The training is scheduled for June 20-22, 2012 and will be held on the north shore of Higgins Lake at the DNR RAM Center. The workshop will include plenary sessions, focused presentation of the ITRC body of work, ASTM, DEQ Part 213 Revisions, and case studies by consultants. The primary discussion will be

focused around the remediation of light non-aqueous phase liquids and the link between investigation and remediation.

Be sure to save the date as more information and registration instructions will be forthcoming! This workshop promises to be bigger and better than last year's in-situ workshop! See you there!

Kevin Lund, CPG, and Sara Pearson, CPG

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## Newsletter Notice via E-mail

Please be sure that you continue to receive the Section newsletters and other announcements. Submit an updated e-mail address to Adam Heft at [heft@pbworld.com](mailto:heft@pbworld.com). If you move or change places of employment, don't forget to send your new contact information to both the Section and to National. If you are not receiving announcements directly from the Editor, it is because your email address is not up to date.

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## Legislative Information

On November 8, 2011, Michigan Governor Rick Synder signed House Bill No. 4914 (HB 4914) into law. HB 4914 was introduced on September 8, 2011 by Representative Eileen Kowell of White Lake, Michigan and took immediate effect becoming Public Act 214 of 2011 (2011 P.A. 214).

Act 214 amends Part 631 (Reclamation of Mining Lands) of the Natural Resources and Environmental Protection Act (NREPA) by removing provisions that apply to nonmetallic mining operations (in Sections 63101-63103e) and repealing a section that required the Department of Environmental Quality (DEQ) to perform a comprehensive study on the type of mining regulation necessary in the State. The Act also makes some technical changes to Parts 13, 91, 631, and 633 of NREPA.

The DEQ-Office of Geological Survey operates the Mining and Reclamation Program, which regulates the following five types of mines:

- Iron mines
- Nonferrous metal mines
- Sand dune mines
- Coal mines
- Nonmetallic open-pit mines

Act 214 removes references to nonmetallic mines from Part 631, effectively allowing the Mining and Reclamation Program to officially eliminate any oversight programs of nonmetallic mines.

Under Section 63102 of NREPA, the Department was required to undertake a comprehensive study of

the type and extent of regulation on mining areas necessary in the public interest. The Act 214 repeals this section. The study was completed in the 1970s. A copy of the law is available at the following link: <http://www.legislature.mi.gov/documents/2011-2012/publicact/pdf/2011-PA-0214.pdf>.

On Tuesday, January 17, 2012 Senator Casperson, the Chairman of the Senate Transportation Committee, led a presentation at the ACEC meeting about a package of bills (SB 528 through 533) that he and other members of the Senate are sponsoring to address issues associated with the Leaking Underground Storage Tanks (LUST) program. Apparently, Michigan has the worst closure rate in the US when it comes to LUST sites and the proposed bills are suppose to add certainty to the process for closure and not allow the regulators to keep adjusting the requirements and drawing out the work requirements.

These bills are currently in the Senate awaiting passage to the House.

SB 528 in part states that "surface water or a surface water pathway does not include groundwater or an enclosed sewer or other utility" and has a whole host of other changes regarding audits and liability. This no doubt will stimulate some debate.

SB 529 in part repeals the number of members and makeup of the Michigan UST board and proposes two appointees that are CPs with RBCA experience.

SB 530 proposes limits to Initial Assessment, Final Assessment and Closure reporting requirements.

SB 531 contains proposed changes to AAI, BEA, contamination, owner and operator definitions.

SB 532 contains reductions in the amount of fines for violations and some other changes.

SB 533 proposes the adoption of several ASTM standards and states that State guidelines, operational memorandum etc. are advisory only and shall not be used in Department decision to act or refuse to act.

Below is a link to a four page summary of the bills.

<http://www.legislature.mi.gov/documents/2011-2012/billanalysis/Senate/pdf/2011-SFA-0528-F.pdf>

Walter Bolt, CPG, Regulations and Legislation Subcommittee Chairman

photographs that you are willing to share to Adam Heft at [heft@pbworld.com](mailto:heft@pbworld.com). Don't forget to include your name and a short explanation of what the photograph depicts. The photographs will be periodically uploaded to the website once several have been received.

You will also note that the Section website now has a history page. Currently, it includes information on Douglas Houghton, Michigan's first State Geologist. We will be including information on the Section's officers in the near future. If you have suggestions on other items that should be included on this page, please let a member of the Section Executive Committee know.

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## Member's Corner

*The Member's Corner includes information about the Section's membership. This is your chance to provide information on where you are and what you are doing. Simply send the information to the Editor for inclusion in this section.*

*No Member's Corner submission was received for this edition of the newsletter.*

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## Employment Opportunities/Seeking Employment

*To serve our members, and provide added value, the Michigan Section Executive Committee has decided to allow ads for employment opportunities to be posted in the Section newsletters. Employment ads will run for one edition unless renewed. There is no cost to our members or sponsors for this service. Send your employment opportunities to the Editor.*

No members were seeking employment or provided potential employment opportunities for this newsletter edition.

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## Section Website Reminders

As you may have noticed, the Michigan Section is working on building a database of geologic photographs on our website. We would like to continue building this collection. Please submit



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**Environment & Infrastructure, Inc.**

46850 Magellan Drive

Suite 190

Novi, MI 48377

For a list of office locations,  
visit us online at [amec.com](http://amec.com)

# AIPG – 8th Annual AIPG Michigan Section Golf Outing

## Tuesday May 15, 2012

### Sponsor Information

#### **Exclusive Dinner Sponsor- \$1,250**

##### **Investment includes:**

- 1 foursome
- Signage at club house and lunch area
- Corporate recognition\*

#### **Beverage Cart/Oasis Sponsors - \$550 (2)**

##### **Investment includes:**

- Signage at the club house and on the Beverage Cart.
- Corporate recognition\*

#### **Luncheon Sponsors - \$550 (2)**

##### **Investment includes:**

- Signage at the grill.
- Corporate recognition\*

#### **Hole-in-one Sponsors - \$400 (4)**

Will have visible exposure on ALL Par 3 Holes.

If a golfer hits a hole-in-one, the prize will be, either \$10,000, a golf vacation or a deluxe set of irons.

#### **Tee Sponsor - \$200**

##### **(18) Available**

##### **Investment includes:**

- Tee box signage
- Corporate recognition\*

#### **Skill Sponsors – \$375**

##### **Investment includes:**

##### **(6) Available**

"Longest Drive" "Closest to Pin" awards to Male/female for each.

Putting contest for \$\$, Signage on the hole or putting area, corporate\* recognition during the event (includes contest coordination at the turn).

#### **Goodie Bag Sponsor - \$100 plus 144 goodie bag items**

\*Dinner and Beverage Cart/Oasis Sponsors will receive AIPG membership. All sponsors will be recognized in the Quarterly News letter and on the Michigan Section Web Site.

**This event is our annual Fund Raiser. The Michigan Section of AIPG Golf fundraiser benefits the Michigan Section's ability to support K-12 education grants and scholarships.**

**Place: Lyon Oaks Golf Course**

**Event: 18-hole Scramble**

**Date: May 15, 2012 Tuesday**

**Registration: 8:00 to 9:30 AM**

**Tee Time: 9:30 AM**

*Rainout Date: May 17, 2012 (based on course availability).*

Includes: Continental Breakfast, green fees, cart, range balls, Lunch on the course, networking opportunities, and DINNER.

Also includes prizes for winners, 50-50 and Grand Prize raffles along with other prizes, inc., "\$10,000 Hole in One" Trips, Putt for \$2,500, men's and women's longest Drive and Closest to pin contests, \$20 gas cards to the four golfers traveling the furthest and goodie bag for all golfers.

**Golfer Sign-up Due:**  
**May 4, 2012**

### Registration

Individual = \$130 Team = \$480 (4 players)

Player One: \_\_\_\_\_

Player Two: \_\_\_\_\_

Player Three: \_\_\_\_\_

Player Four: \_\_\_\_\_

**Contact Name, Company and Phone Number for your Foursome:**

\_\_\_\_\_

\_\_\_\_\_

**Accepted forms of payment include:**



or



or



- **Make Checks to:**  
**Michigan Section-AIPG**  
**C/O GEO-environmental Resources, Inc.**  
**2531 Jackson Road**  
**Suite #164**  
**Ann Arbor, Michigan 48103**

#### **Contact:**

Kevin Lund [klund@g-eri.com](mailto:klund@g-eri.com)

Bob Reichenbach [bob@ergrp.net](mailto:bob@ergrp.net)

CALL or FAX to reserve your place!

**888-417-4440**

The AIPG-MI Section is a nonprofit 501(c)(6) Organization



# AIPG – 8th Annual AIPG Michigan Section Golf Outing

## Tuesday May 15, 2012



Arthur Hills-designed  
18-hole course on 230  
acres

- "Up North" feel in southwest Oakland County
- Par-72 championship golf course
- Hardwood forests and wetlands enhance natural golfing experience

- "Nature, Of Course!" interpretive signs along cart paths point out natural features of interest or significance
- Wide fairways enhance playability
- Wetlands and ponds increase challenge of play
- Sand bunkers and freshwater lakes provide a strategic challenge for accomplished golfers
- Multiple tees on every hole make the course playable and enjoyable by all level players
- State of the art practice facility with target greens and sand traps
- Picturesque clubhouse with expansive views of the course accommodates parties of up to 450 for wedding receptions, banquets and educational meetings
- [Lyon Oaks County Park](#)'s day-use area features a 13-acre Dog Park and 2.5 miles of hiking trails
- Day-use park area also includes a picnic shelter, playground and recreational fields
- Trail head and parking for Lake Community Trail

### Accolades

- Included in 2008 The Oakland Press' *"Ten to Try This Summer"* listing of Oakland County Public Golf Courses
- Member of *Arthur Hills Golf Trail*, featuring acclaimed Art Hills courses throughout the state
- Garnered a 4.5 star rating by *Golf Digest 2007* and named the #2 course in Detroit

to play in ESPN's *Sports Travel Golf Course Guide* of the Best Places to Play

- Named #4 in Jeff Lesson's Top 10 Public Golf Courses in southeast Michigan. (Lesson hosts *"Lesson on Golf"* on WXYT and WWJ radio stations)
- Named in 2005 Detroit Free Press *Top 10 Public Courses*

Yardage	GAM Ratings
Black - 6837	Men's Black Tee - 72.7, Slope 137
Blue - 6427	Men's Blue Tee - 70.7, Slope 133
White - 6133	Men's White Tee - 69.3, Slope 131
Gold - 5389	Men's Gold Tee - 65.6, Slope 115
Green - 4525	Women's White Tee - 75.5, Slope 145
	Women's Gold Tee - 70.8, Slope 131
	Women's Green Tee - 66.7, Slope 112



**Michigan Chapter  
American Institute of Professional Geologists  
MEETING ANNOUNCEMENT**

**March 1, 2012**

**UPDATE ON THE MDEQ'S EFFORTS TO REINVENT THE STATE'S  
ENVIRONMENTAL CLEANUP PROGRAM**

Featured Speaker:

[Anne Couture](#)

**Location:** Kellogg Hotel & Conference Center, East Lansing, MI (Map attached)

**Cost:** Students Free, Members \$35.00, Non-members \$40.00 **Registration is payable at the door by cash or check; however, prepayment is preferred and speeds up the check-in process at the door.** *Please note: Cancellations made within 24 hours of the meeting and/or "No Shows" will be charged and expected to pay the registration fee.*

**Dinner:** Choice of: Mediterranean Stuffed Breast of Chicken w/Olives, Sun-Dried Tomatoes, Arugula and Goat Cheese with Puttanesca Sauce; Chipotle Honey Glazed Salmon Fillet w/Cinnamon-Scented Cous Cous; Marinated London Broil. Grilled flank Steak w/Burgundy Sauce; served with Roasted Redskin Potatoes.

**Time:** Cash Bar 5:30-6:30 PM, Dinner 6:30 PM, and Speaker 7:30-9:00 PM

**RSVP:** Tim Cullen, at [trcullen@umich.edu](mailto:trcullen@umich.edu) or 734-763-5267 no later than February 27, 2012 and include your meal choice! Please include "AIPG Section Meeting" in the subject line. Checks may be mailed to Tim at this address: 21857 Parklane St., Farmington Hills, MI 48335. Payment may also be made at the door.

**Anne Couture** was recently appointed to serve as Acting Chief of the Michigan Department of Environmental Quality's (DEQ) Remediation Division. The Remediation Division is responsible for managing Michigan's Environmental Cleanup Programs, including Part 201, Part 213 (leaking underground storage tanks), and Brownfield Redevelopment. Anne also serves as Senior Policy Advisor to DEQ Director Dan Wyant. In this capacity, Anne is involved in the development of long-term sustainable funding streams for the agency, and bolstering stakeholder relations.

From 1998 until her recent DEQ appointment, Anne was President of Couture Environmental Strategies LLC, specializing in the formulation and implementation of effective transaction and redevelopment strategies for contaminated, blighted, and obsolescent properties, commonly referred to as "Brownfields". Ms. Couture advised municipalities and companies in the successful redevelopment of hundreds of Brownfield properties.

Ms. Couture was on the forefront of Brownfield redevelopment when she was with the Michigan Department of Natural Resources (now Department of Environmental Quality.) Voter approval of Environmental Protection Bonds in 1988 resulted in \$45 million of state funding for "environmental response activities to facilitate economic development". Ms. Couture was assigned responsibility for development of the Site Reclamation and Site Assessment Fund Programs, the first of their kind in the nation. These programs continue today and have provided funding assistance to several hundred successful Brownfield redevelopment projects in Michigan.

Ms. Couture was employed for over 13 years with the Department of Natural Resources, in several key management positions. Anne has been directly involved with development of Michigan's environmental cleanup laws since the late 80's, when Michigan's adopted its first Leaking Underground Storage Tank legislation; then in 1991 when Michigan's landmark "Pollution Pay" law was enacted. Ms. Couture has been a frequent speaker at workshops and conferences, recognized for her knowledge and experience in Michigan's environmental cleanup program, particularly in the area of Brownfield redevelopment. Ms. Couture attended General Motors Institute, and graduated from Michigan State University with Honors in Resource Development, with an emphasis on Water Resources Management.



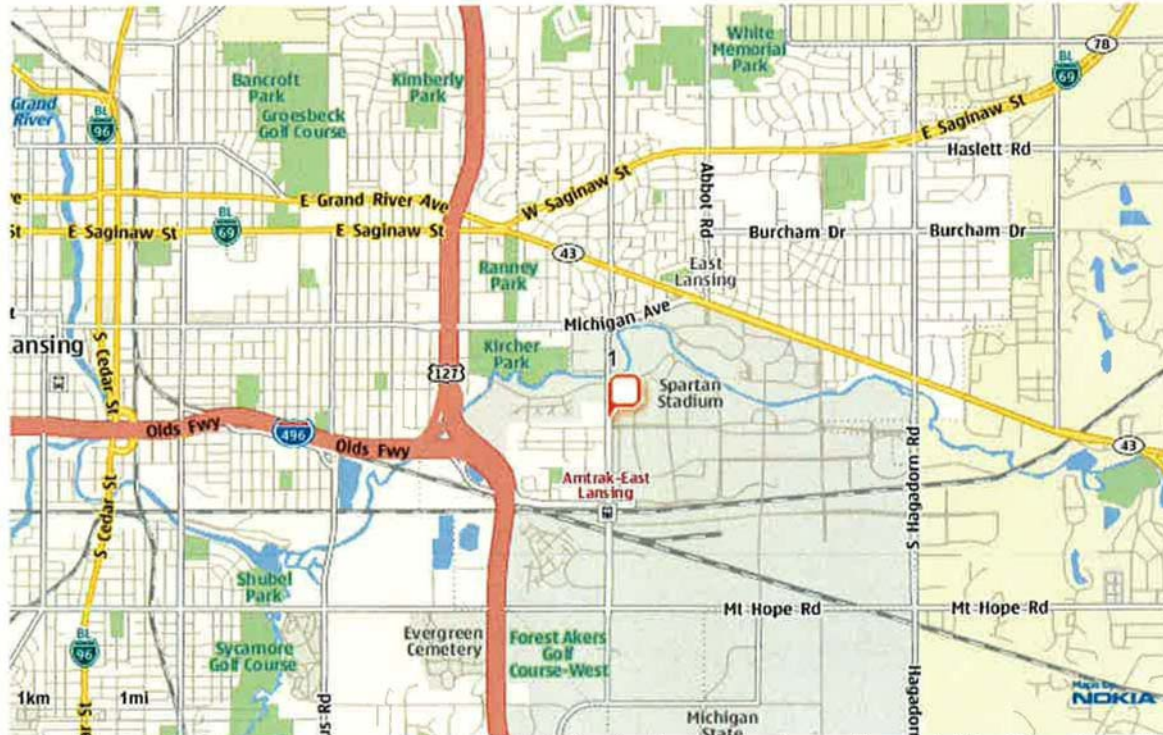
# AIPG Section Meeting March 1, 2012

Kellogg Center, East Lansing

**YAHOO! MAPS**

powered by **Nokia**

Kellogg Ctr, East Lansing, MI 48824



When using any driving directions or map, it's a good idea to double check and make sure the road still exists, watch out for construction, and follow all traffic safety precautions. This is only to be used as an aid in planning

**From the East - I-96 West, to US-127 (exit 106) North (3.1 miles) to Trowbridge Road exit East (.5 miles) to Harrison Avenue; turn left North approximately 1 mile on the right (four traffic lights up).**

**From the Southwest - I-94 East to I-69 North, to I-496 East; East (5 miles) to Trowbridge Road (exit 9) East (.5 miles) to Harrison Avenue; turn left North approximately 1 mile on the right (four traffic lights up).**

**From the West - East on I-96 to I-496 (exit 95) East (9.7 miles) to Trowbridge Road (exit 9) East (.5 miles) to Harrison Avenue; turn left North approximately 1 mile on the right (four traffic lights up).**

**From the North - South on US-27 to US-127 South (8.5 miles) to Trowbridge Road exit East (.5 miles) to Harrison Avenue; turn left North approximately 1 mile on the right (four traffic lights up).**