



AIPG Executive Committee Minutes – 04/21/2022

Attending the meeting: Dan Hunter, Shanna Schmitt, Jake Dalbec, Alex Blel, Ben Czeck, John Berger, Miller Gruenewald, Lauren Larkin, Curt Hudak, Patrick Sweeney, Rebecca Ryser, Marian Kramer, Jeff Neisse

The Meeting was called to order at 2:00 PM.

1. DEI/Cultural Moment

- a. Update from Dan Hunter:
 - i. Second Thursday of the month (May 12th next meeting) at 4:00 PM will be the DEI Sub-Committee meeting time.
 - ii. There will be a Sharepoint Site Sign-up sheet for people to schedule DEI moments to share.
 - iii. DEI moment at the beginning of technical talks, and at beginning of ExComm meetings when there are no Technical Talks.
 - iv. Jenn Wolf will do DEI for May talk.

2. Approval of Meeting Minutes – Ben Czeck

- a. Approval of Annual Meeting Minutes and Executive Committee Meeting Minutes which can be found [here](#).
 - i. Executive Committee Meeting Minutes (9/22/2021)
 - ii. Executive Committee Meeting Minutes (1/20/2022)
 - iii. Executive Committee Meeting Minutes (2/24/2022)
- b. Will vote to approve minutes at the May meeting.
- c. Miller will have meeting minute upload to website within a week of each meeting.

3. Update On Technical Talks and Upcoming/Future Speakers – Marian Kramer

- a. May 03 – Record of an Ancient Meteorite Impact Buried Beneath the Twin Cities, MN
- b. Dr. Morris who spoke at UofM Scheduled for September 13th and Greg scheduled for October 4th.

4. Minnesota Academy of Science Annual Science Fair – MN AIPG Sponsorship



- a. Curt Hudak has reviewed 21 High School and 16 Middle School Projects under the Earth Science and Environmental Science Award. (KUDOS TO CURT!!!!)
- b. Awards provided to the top 3 High School and top 3 Middle School Projects from six total awards from AIPG/MGS and Mortenson Environmental.
- c. MGS President and Treasurer reached out to confirm they're interested in contributing \$250 annually to a joint AIPG/MGS award going forward.



5. Need for Social Sub-committee Volunteer, Screening Committee Chair, and Nominating Committee Chair

- a. Call for Volunteers was posted on the website.
- b. Urban Growler Social Event – Tuesday, April 26th.
- c. “Golf 101” – Jake has a date of Wednesday, May 11th in mind.
 - i. Possible Top Golf event partially sponsored by AIPG-MN.

6. MN K-12 Earth Science Education Bill – Letter of Support

- a. No Major Updates from Dana Smith.

7. Reply to AdHoc Education Committee – MN University Discussion – Update

- a. [Analysis of Skills Sought by Employers of Bachelors-Level Geoscientists](#) (letter sent by Keith Brugger published in GSA)



8. AGI Geoscience Graduate School Preparedness Workshop

“We invite you to participate in a Workshop on *Improving Geoscience Graduate Student Preparedness for the Future Workforce* on May 23-24, 2022 at the American Geophysical Union (AGU) in Washington D.C., sponsored by the National Science Foundation.

The workshop will address these questions:

What skills and competencies should be part of graduate geoscience education for Ph.D. & M.S. students in Earth, Ocean, & Atmospheric Sciences so they can be successful in future careers? How has this changed since the 2018 Geoscience Employers Workshop?

What are the best ways of developing these skills/competencies and mentoring students during their graduate career?

What successes or roadblocks have academic leaders had in implementing development of these skills and competencies in graduate geoscience programs?

What balance should graduate programs have between developing technical skill sets, research and broader educational goals?

[Registration](#) deadline is April 30th, 2022. We have some participant funding to help defray the costs associated with transportation and lodging. Please indicate on the registration form if you will need partial, full or no financial support. We have negotiated a group rate for the Churchill Hotel (1914 Connecticut Avenue, NW, Washington D.C.) in easy walking distance of the American Geophysical Union building where the workshop is being held. The link for making hotel reservations is on the registration form. We hope you can join us for this in-person workshop. All participants will be required to show proof of vaccination. No hybrid or remote option will be offered.

This workshop builds on a 2018 Geoscience Employers Workshop, which included participants representing a broad spectrum of Ph.D. and M.S. geoscience employers, including industry, business, government agencies, non-profits and academic research universities, and a 2019 Summit of Heads/Chairs and Graduate Program Directors in Earth, Ocean and Atmospheric Sciences. [See [Summary of Results](#).]

Both new participants and past attendees are encouraged to attend. Feedback from academic leaders who have started implementing their 2018/2019 action plans will be instrumental in helping us develop best practices for making positive changes to graduate geoscience education. Additional employer advice on needed skills and competencies and input on recent workplace changes will allow us to develop robust recommendations for enhancing graduate education to prepare students for a successful future.

For logistical questions, please contact Tony Wright (anthony.wright@jsg.utexas.edu). If you cannot attend, and someone else in your organization is interested and available, please pass this

invitation onto them. We also will hold a second workshop at Stanford University on August 18-19, 2022.

We would greatly appreciate your help in shaping the education of geoscience graduate students! Our ambition is for geoscience departments across the country to incorporate a set of universal skills into their graduate programs to prepare students for future careers.

Warm regards,

Sharon Mosher and Jeff Ryan

smosher@jsg.utexas.edu; ryan@usf.edu”

9. AIPG Certificate of PDH

“Keith and Ben,

I’d like to discuss this at the ExComm meeting tomorrow...hopefully get some input and make a decision.

Here’s the gist though. Last March is when we last touched on this topic, and it was in the context of providing a “Thank you for Attending the Technical Talk” email (3/3/2021 was the last email and I think the draft language I used was part of the problem). I can send emails to attendees with the website pretty easily. I think you’re right Keith, the ethics in particular is very sensitive, so we can absolutely provide proof/certificate of attendance. But I’d really like to be able to do something on a larger scale, because it’s less work. Right now, I can download the Team attendance record and then reconcile that with our website (I can mark people as “no show”). Then I can send an email blast specifically to the people that attended.

Here’s some proposed language, modified from last year quite a bit in order to take into account the theme of Keith and Curt’s 2021 comments:

“Thank you for attending the joint Minnesota Section of the American Institute of Professional Geologists (AIPG) technical talk today.

This email and attached handout serve as a record of your attendance and should be kept for 4 years after the end of the licensure period for which the record applies. If your Professional Geologist license is audited, then individual attendance records are required by the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience and Interior Design (AELSLAGID). The Minnesota Section of AIPG does not submit attendance records to the Minnesota Board of AELSLAGID.

As a Professional Geologist licensee, you are responsible for determining if content meets the technical requirements for one (1) Professional Development Hour (PDH) or a one-tenth (0.10) Continuing Education Unit (CEU).



General information on continuing education is available on the MN Board of AELSLAGID's website: <https://mn.gov/aelslagid/continuinged.html>.

The MN Board of AELSLAGID provides an optional Continuing Education Record Checklist: <https://mn.gov/aelslagid/forms/cerecord.pdf>.

Please direct questions to webmaster@aipgmn.org and they will be sent to the appropriate person."

Some things to consider that Keith and Curt brought up a year ago are:

1. No big benefit to the Section
2. Technical talks may or may not meet the requirements for education credits for other states...or even MN (we've had a few talks in the past that don't meet PDH requirements).
3. We don't know where or how the certificates would be used.
4. If we provide certification, we are attesting that the content does indeed meet the educational requirements of a PDH. If in fact it does not meet MN Board standards for a PHD, or another states, what member of the Executive Committee is going to go before the Board's Credentialing Committee and tell them they are wrong on the state standard? If you are providing a certification, you are telling the holder that it does meet that criteria. Certainly an AIPG member might be upset for providing the Board a certificate if they then do not meet the 24-hour PDH criteria to get their license renewed. If month xxxxxx luncheon did not meet the requirements, and you sent out 50 Certificates, and several members used that Certificate and were then audited by the Board, this could result in a significant level of effort and time for the AIPG Executive Committee to meet that challenge as due to Minnesota Data Practices Act, audits are individual case files, and you would have to appear for each case file audited because simply telling the Board saying xxxxxx months luncheon did not meet the educational requirements for a PDH would not meet the audit standards of the Board, or other state boards
5. There is a reason the Board requires licensees to determine if the event meets the educational requirements for a PDH as they are the sole individual who knows the PDH content, what they are using it for, and what are the state requirements where it is being used.
6. A Certificate supplied by any entity does not guarantee the Board accepts that as fact. The Board Investigates the educational standards for each certificate presented.
 - a. Jake mentioned the meeting agenda is meant to act as a certificate/proof of attendance for PDH credit.
 - b. Keith Suggested an email/certificate of attendance at least for the Ethics training.
 - c. Shanna will follow up with Keith and clarify what should be done.

10. Committee Chair Updates

- i. Screening Committee – Unappointed
- ii. Nominating Committee – Unappointed



- iii. Regulation and Legislative/ASBOG Committee – Keith Rapp
 - 1. License Renewals open early next month for PG re-licensure
 - 2. Working with CO, OH, MI on Licensure
- iv. Membership Committee – Paula Berger
- v. Fundraising Committee – Curtis Hudak
 - 1. Continue to get items for silent and live actions at the golf scramble
- vi. Education Committee – Bruce Johnson
- vii. DE&I Committee – Dan Hunter (**Meeting Scheduled Thursday, May 12th from 4-5 PM**)

11. Joint WI/MN Field Trip – September 30th – October 2nd, 2022

- a. Third Joint Meeting to discuss the Field Trip was March 24th, 2022 (will forward meeting minutes when available)
- b. Meeting overlaps with City of LaCrosse’s Octoberfest which has made finding hotel blocks difficult. However, we see this as a good opportunity to get more individuals interested in joining for both a geology and beer weekend.
- c. Still looking for a student speaker.

Current rough plan is:

Friday

Students can set up Poster Presentations before Reception begins. Students can be present to answer questions on their poster during reception. 6:30 pm to 8 pm. Posters stay up overnight. Doors are locked.

New Saturday Schedule

8:00 – 9:00 am Same Day Registration (Poster & Exhibit Table Visiting)

9:00 - 9:20 am – Talk #1

PFAS – “Status of Wisconsin/Minnesota PFAS Remediation Projects” – Shalene Thomas – Wood

9:20 - 9:40 am – Talk #2

Karst – “Karst Voids Challenge Construction Projects” – Jacob Heimdahl – AET

9:40 - 10:10 am Break & View Student Posters/Exhibit Tables

10:10 - 10:30 am – Talk #3

Climate Change – “Climate changes affecting our wetlands and the groundwater quality beneath them” - Daniel De Joode – SWCA

10:30 - 10:50 am Student Oral Presentation

Both Field Trips Leave at 11 am

Karst Field Trip MN

Leaders – Tony Runkle MGS and John Barry -MnDNR (Bruce Johnson)

Fountain Minnesota Area (Approximately 250 miles round trip)



Eagle Bluff Learning Center MN

Presentation Title: “Balancing Bluff Country: Higher Stakes & Closer Ties” (Chris)

Volunteer Trail Guides (4)

Short stop on way to Center: Farm Store (Apples, Honey, Rocks)

Lanesboro, MN (Approximately 150 miles round trip)

Sunday River Cruise – Captain’s Sunday Brunch to Lock & Dam No 7

La Crosse Queen Cruises – 75 people

Scott and Gail Spoolman Presentation: Wisconsin Waters: Ancient Histories of the Mississippi River

- Looking for potential sponsors from MN and WI businesses/consulting companies.
- Proposed costs are \$200 for all three days or individual pricing is:
 - \$30 per person for Friday Evening’s Reception
 - \$150 per person for Saturday Activities (\$50 for students)
 - \$30 per person for Sunday’s Boat Tour (Captain’s Bridge)
- Estimated Revenues from Trip are approximately \$10,000 for MN, WI, and National each if we get expected sponsors and attendance.

12. 2022 Annual Golf Tournament

- a. Scheduled for Monday, June 6th at **Stillwater Country Club** with a shotgun start at 9AM. Currently advertised on our webpage so we can start marketing early. Cost at Stillwater is similar to Prestwick.

We currently have 18 golfers registered:

4some from Pace Analytical

4some from Mortenson

2some from Viet

4some from Martin Marietta

2some from Stantec

2some from Bay West

4some from AET planned, possibly 2 4somes.

Some past golfers to target are: Clean Harbors, HIG, AET, GES, Terracon, Summit, Big Rock, Barr, Braun, Burns & McDonald, Wood, Legend, Pointmap, and HDR.

We currently have 4 lunch-onlys

1. Becca Ryser
2. Shanna Schmitt
3. Sponsorship from WSP

Jake is working on a Golf Galaxy warm-up event. I found this decent scramble video: <https://www.youtube.com/watch?v=cn45wl8qXac> and this non-video



guide: <https://www.windtreegolf.com/how-does-a-golf-scramble-work/>. What do you think about adding these as resources on the event page?

Join us at the Stillwater Country Club at 1:00 PM for their famous burger and fish sandwich lunch buffet, which includes their cowboy potato salad, a leafy salad, and a giant chocolate chip cookie.

There's a small group gearing up for a nice bicycle ride at 10:00 AM, if you'd like to join the fun, meet us in the parking lot of the Stillwater Country Club. You can bring your own bike or rent bikes, including cruisers and e-bikes, at the following locations: (create list)."

Emails

- b. Email blasts are scheduled for 7, 14, 28, 42, 56, and 70 days before hand. If you're forwarding the email to others, be sure to delete the "unsubscribe" link at the very bottom...if someone clicks it, you'll be unsubscribed instead of them!

13. Any Additional Business for Discussion?

- a. Jake mentioned Bruce Johnson stepping down from the Scholarship role
 - i. Shanna will follow up on that – currently in talks with Dorothy at National on the issue. Going forward, people may need to go through National or add an MN section member on the National Committee.

Dan Hunter made a motion to adjourn the meeting; motion carried. Meeting adjourned at 2:47 PM.