



Ohio Section American Institute of Professional Geologists

Chartered 1965

December 2020 Newsletter

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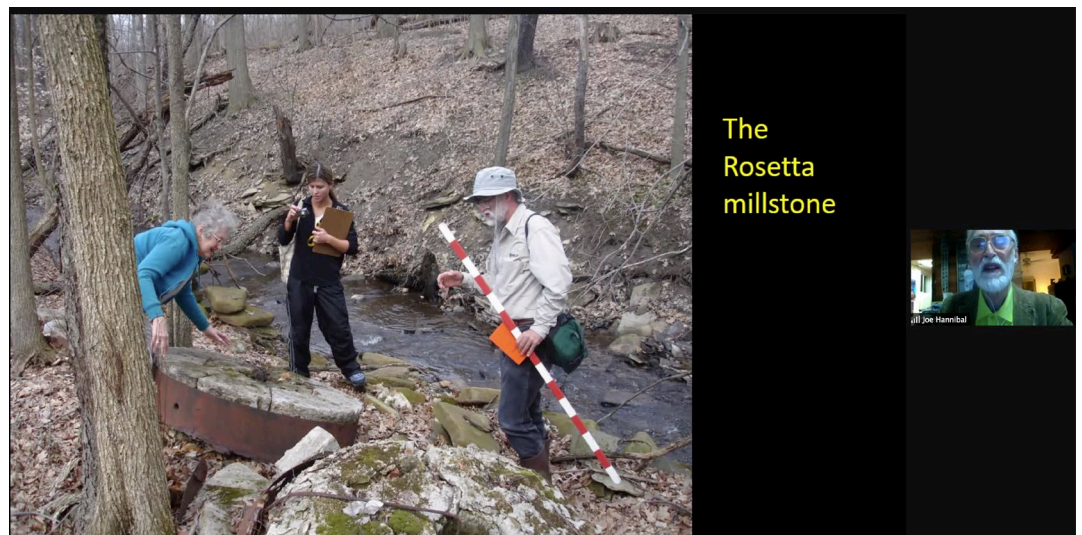
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Dr Joe Hannibal talks about the process of identifying buhr based millstones at the Annual Meeting.



Message from the President

Robert E. Andrews, CPG-11975

Greetings Fellow AIPG Ohio Section Members,

I hope as you read this newsletter you continue to remain safe and healthy.

Last month the section held its Annual Meeting. Unfortunately, it was held virtually instead of in person because of the current COVID-19 outbreak. Dr. Joe Hannibal of the Cleveland Museum of Natural History gave a wonderful talk about French millstones in Ohio. If you were not able to attend, a recap of the meeting is presented on page 4 of this newsletter.

In October, I participated in AIPG's 2020 Executive Committee Meeting, which was held virtually this year instead of the planned location of sunny Sacramento, California. I would like to highlight a couple of things from this meeting. First, National has teamed up with the America Geosciences Institute to create the Geosciences Online Learning Initiative (GOLI). This initiative provides a platform for on-demand, life-long learning, and continuing education opportunities in the geosciences. It consists of live webinars and on-demand online courses with the opportunity to earn Continuing Education Units (CEU). The courses are free except if you want to earn CEUs, where you will be required to pay a nominal fee. More information on GOLI can be found by checking out National's website at <https://aipg.org/page/OnlineCourses>. Second, one of Ohio Section's very own, Brent Smith (CPG-11130) was elected as an Advisory Board Representative to National's 2021 Executive Committee. I would like to offer my congratulations to his election. Brent is continuing the Ohio Section's representation on a national level. Another one of our very own, Colin Flaherty (CPG-11465) just completed two years of service as an Advisory Board Representative on this very same committee. By the way, Colin was given a Section Leadership Award by National for his years of service to AIPG. More information on this award can be found on page 17 of the Oct.Nov.Dec 2020 issue of TPG. Congratulations, Colin.

2020 has been a year like no other and not at all what I expected. In January, the Executive Committee planned a lot of events for the year. In addition to our usual 4 quarterly dinner meetings, we scheduled another golf scramble, a PFAS workshop at OSU, and a field trip to Licking County. It was looking to be a busy year, the busiest I have ever participated in since I joined the Executive Committee in 2014. We were cruising along well until the middle of March when the pandemic hit and most of our events came to a screeching halt. We cancelled our April and September quarterly dinner meetings and postponed our field trip and PFAS workshop until 2021. We were able to hold our February quarterly meeting in person at Wright State University, but our Annual Meeting, which was held last month, was done virtually. A first for the Ohio Section. On a high note, we held our 2nd Annual Charity Golf Scramble in July raising over \$2,100 for our Ohio Student Chapters. Additionally, the Executive Committee voted in May to award \$500 scholarships to three students who applied for AIPG National's 2020 Undergraduate Scholarships. The funds for these scholarships were provided from money raised at last year's golf scramble.

It has been my pleasure to serve as your Section President for 2020. I could not have survived this bizarre year without the help of this year's Ohio Section Executive Committee. I want to publicly thank each of them for their support during this very challenging year. I now look forward to taking a year out of the limelight as I serve as Past-President next year and prepare to serve as President again in 2022. My hope is that 2021 will bring a return to normalcy where the Section can again host in-person events.

I would like to close by wishing everyone a very Merry Christmas and Happy New Year.

Robert E. Andrews, CPG-11975
2020 AIPG Ohio Section President

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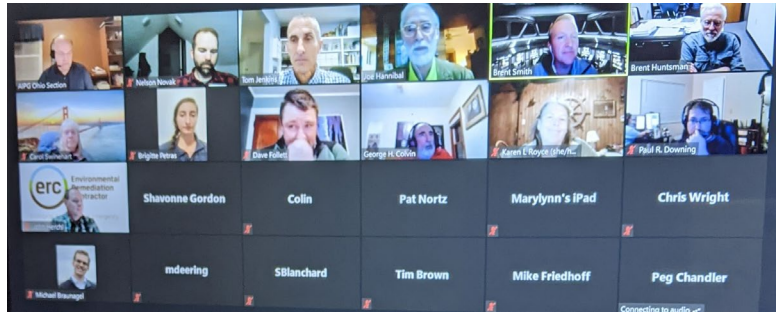
Ohio Section 2020 Annual Meeting (Virtual) Recap

Feature Presentation: The Little Known Story of the Importation of Chert from France for Use in Millstone Manufacture and How to Geologically Distinguish Millstones Made Of Local Chert from Imported French Chert.

Presented By: Dr. Joe Hannibal

Contributing author Nelson Novak, MEM-2876

The 2020 Ohio Section's Annual Meeting was held virtually, via zoom on Thursday, November 19, 2020. The online event was well attended, with 24 viewers connecting throughout the night.



President Robert Andrews welcoming the members via Zoom

Prior to the feature presentation, President Robert Andrews (CPG-11975) addressed the attendees with welcoming remarks and recapped the Section's 2020 accomplishments. Be sure to read Robert's President's message for the highlights! In addition, Robert recognized the generous contribution of our meeting sponsors **Alpha Analytical, ALS, Buckeye Elm Contracting, EA Group, Environmental Remediation Contractors, Ohio Soil Recycling, and Terran Corporation.**

Robert also recognized the following current Ohio Section member milestones in AIPG.

Recognition for 10 Years of Membership

Thomas Powell, CPG- 11273

Recognition for 15 Years of Membership

Todd Aebie, CPG-10786; Rick Darr, CPG-10838; Gregory Nowak, CPG-10864; Hien Pham, CPG-10805; Bruce Pletsch, CPG-10783; Brent Smith, CPG-11130; David Sugar, CPG-10852; and Frank Tokar Jr., CPG-10865

Recognition for 20 Years of Membership

Thomas Covrett, CPG-10466; Richard Cunningham, CPG-10401; Michael Gibson, CPG-10394; and Mary Rochotte, CPG-10397

Recognition of 25 Years of Membership

Daniel Brown, CPG-09270; Margaret Chandler, CPG-09435; Eugene Chini, CPG-09260; Douglas Darrah, CPG-09261; John DiNunzio, CPG-09244; Steven Gross, CPG-09254; Michael Hoge, CPG-09368; Barry Nelson, CPG-09443; Marc Okin, CPG-09227; Edward Pennock, CPG-09413; David Plummer, CPG-09154; Robin Roth, CPG-09264; Robert Simon, CPG-09155; and Brett Urian, CPG-09456

Recognition for 30 Years of Membership

Craig Cox, CPG-07612; Mark Schmidt, CPG-07670; and Abdul Shakoor, CPG-07746

Recognition for 35 Years of Membership

Raymond Beach, CPG-06630 and Donald Hollenbaugh, CPG-06522

Recognition for 40 Years of Membership

Michael Glaze, CPG-04545; William Hlavin, CPG-04484; Brent Huntsman, CPG-04620; Mark Rowland, CPG-04490; Carl Simpson, CPG-04598; William Siplivy, CPG-04599; and Robert Van Horn, CPG-04630

Robert Andrews surprised members by presenting two Outstanding Service to the Institute Awards to past president Tim Brown (CPG-11637) and departing newsletter editor Shay Beanland (CPG-11823) for their dedication and service to the Section.

At the conclusion of the award presentation, Robert introduced the elected officers for 2021 and gave our 2021 President Tom Jenkins an opportunity to tell the attendees about plans for the upcoming year.

Robert then introduced the evening's guest speaker, Dr. Joe Hannibal, of the Cleveland Museum of Natural History. His presentation was entitled ***The Little Known Story of the Importation of Chert from France for Use in Millstone Manufacture and How to Geologically Distinguish Millstones Made Of Local Chert from Imported French Chert.***

During his remarks, Dr. Joe Hannibal presented his research on late 18th century and 19th century Ohio millstones. It was known that millstones had an origin in France, as well as Ohio chert, but the specific source of individual millstones was not known. The French millstones, referred to as French buhr, were known to have been imported from regions near Paris, France, to Ohio. It was



Joe Hannibal discussing the process of identifying buhr based millstones

determined that Oligocene fossils in the millstones could be used to definitively distinguish French buhr from similar-looking Pennsylvanian Ohio chert. The most revealing fossil in the Oligocene French buhr is a one-millimeter wide reproductive structure of a algae charophyte

(Gyrogonia Medicaginda Lamarck) that occurs in the rocks of the Paris Basin. For the Ohio millstones it is fusulinids in Pennsylvanian chert of the Vanport Limestone.



Millstones sourced from Ohio chert were found to contain typical saltwater brachiopods and fusulinids that are much older than the fossils found in French buhr. Alternatively, the French buhr is sourced from rock derived from freshwater deposits. The fossils found in this stone include freshwater snails and algae. The French buhr dates from the Oligocene, which is younger than the Ohio chert.

Following the presentation, Robert presented Joe with a plaque bearing Ohio State Fossil, the *Isotelus maximus*, as a token of appreciation for his presentation.

At the conclusion of the evening, those in attendance were awarded Continuing Education Units for attending the meeting.

Thanks again to Joe Hannibal, all members who attended and the 2020 Executive Committee, for making this while nontypical, a fun and memorable annual event! Again, special thanks to **Alpha Analytical, ALS, Buckeye Elm Contracting, EA Group, Environmental Remediation Contractors, Ohio Soil Recycling, and Terran Corporation** for sponsoring the event and for their continued support of the Ohio Section of AIPG.

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Ohio Section AIPG 2020 New Members

The Ohio Section would like to introduce the following individuals who joined AIPG in 2020. Please welcome them to AIPG.

Andrew Januzzi, ECP-0613
Cody Quick, MEM-3162
Adam Behringer, ECP-0610
Emily Holliday, SA-10645
Anna Shockey, SA-10649
Ian Crumrine, SA-10575
Amar Kolapkar, SA-10579
Brandon Duktig, SA-10589
Erica Scarpitti, SA-10594
Molly Hunt, SA-10630

Valerie Weir, CPG-12033
Awolola Emmanuel Sr, SA-10696
Bradley Bashore, CPG-12054
Gabrielle Roque, SA-10746
Mo Holley, SA-10756
William Creviston, SA-10759
Gary Newhart, MEM-3231
Daniel Courtright, SA-10825
Caitlin Erbacher, SA-10830
Elsa Saelens, ECP-0698



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National Executive Committee Advisory Board Update

By: **Colin O. Flaherty**, CPG-11465, National Executive Committee Advisory Board Representative and Former Ohio Section President (2018)

It's bittersweet.

I've served on the Ohio Section Executive Committee from the beginning of 2014 through 2019. Additionally, I had the opportunity and pleasure of serving on the National Executive Committee Advisory Board in 2019 and again this year for my final year; the bizarre year of 2020. It only dawned on me now, the realization that my involvement in AIPG has come to an end. It had become all too familiar, and I feel like I miss it already. Part of me is looking forward to the break, while another is ready to step back into a new role in the organization...it's definitely bittersweet.

It's difficult to put to words the people I've had the pleasure of meeting, working with, and ultimately becoming friends with over the past seven years through AIPG. A passionate yet pragmatic group. Fun, devoted, forward-thinking professionals. Early Career Professionals to the grizzled old-timers. All in all, I feel that the collective passion of everyone can be distilled down to two main things: 1) to represent and progress the Institute, and 2) to be advocates for the geosciences. I'm humbled to have served at the table with some great geologists, moreover great people.

I attended a recent virtual call with the 2020 National Executive Committee and the incoming 2021 committee members. Outgoing members were asked to briefly summarize their role and some items they had worked on. That's a hard thing to do, to put it in a nutshell; but here's a 30,000' view. Advisory Board representatives were assigned several state sections, each with varying degrees of activity, and reach out as a liaison and stay in touch to see how National can support them. I was lucky to work with some committed AIPG folks across the country, many of which were already connected to National; but for others, it was good to establish an open line of communication and understand some of their successes and difficulties. After some time of doing this, I noted two commonalities in most, if not all sections: 1) even active sections rely heavily on a core group of members, and 2) there is a lack of younger members. I also enjoyed serving on several subcommittees including the CPG-A Committee and had the duty of wading through some interesting ethics cases. Lastly, it was refreshing to see numerous sections submitting bylaw revisions for review, the majority of which were centered on bringing them up to date with modern times.


With my exposure to AIPG on the national level and sections across the country, it makes me realize that the Ohio Section should be proud. The activities and efforts of the core group of individuals of this section is second to none (ok, maybe second to a few, but we try!). We are no different than many other sections that I've worked with; we have the core group that holds things together. And I thank those individuals. Next time you see or talk with one of the Ohio Section Executive Committee members, please thank them as well...it's a selfless job.

I was thrilled to see that our own Brent Smith was elected to the 2021 National Advisory Board! Congratulations, Brent! It's great to see the Ohio Section continuing to be represented on the National level. Truth be told, Brent and I attended the 2017 AIPG National Conference in Nashville, he as Ohio Section President and me as President-Elect. We had a good time. But, in talking with National Executive Committee folks at an evening event, they were urging Brent to run for the Advisory Board that year. He contemplated long and hard, but ultimately decided it wasn't the best fit for him at that time. Fast forward to the 2018 Conference in Colorado Springs, I attended as Section President and was urged to run for the 2019 Advisory Board; I agreed and was subsequently elected (and again the following year). With that said, as I rotate off the committee, I don't want to say I held Brent's spot on the National Executive Committee for him, but I'm glad that now is the right time for him to step in. Brent, you're perfect for the role and you'll have a lot of fun.



In summary, I urge you members out there to get involved in some way, it's fun, rewarding, and the core group would I'm sure love your help. The past seven years for me have been a blur, but in the best possible way.

So long...for now.





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News from Wright State University *Student Chapter of AIPG*



The WSU Student Chapter of AIPG has provided the *Newsletter* with a listing of officers for the 2020-2021 academic year. The WSU Student Chapter is led by Dr. Stacey Hundley. The WSU Student Chapter of AIPG officers for the current academic year include the following:

Wright State University Chapter of AIPG, 2020 – 2021		
OFFICERS	President	Paige Wilms
	Vice President	Lily Holmes
	Secretary	Caitlin Erbacher
	Treasurer	Margaret Lingane
ADVISOR	Stacey Hundley, Ph.D., Lecturer, Earth & Environmental Sciences Department, MEM-2546	

The chapter is hopeful that they will be able to host a field trip to Ohio Caverns in the Spring of 2021. Please take a moment and welcome these WSU Student Chapter of AIPG officers and their fellow student members at a future AIPG event. ●



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News from The Ohio State University *Student Chapter of AIPG*

The Ohio State University Student Chapter of AIPG has provided the *Newsletter* with a listing of officers 2020-2021 academic year.

The Ohio State University Chapter of AIPG, 2020 – 2021		
OFFICERS	President	Molly Hunt
	Vice President	Erica Scarpitti
	Secretary	
	Treasurer	
ADVISOR	Frank Schwartz, Ph.D., College of Arts and Sciences, School of Earth Sciences	

Please take a moment and welcome these OSU Student Chapter of AIPG officers and their fellow student members at a future AIPG event. ●

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**News from Youngstown State University
Student Chapter of AIPG**



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Youngstown State University Student Chapter of AIPG has provided the *Newsletter* with a listing of officers for the 2020-2021 academic year.

Youngstown State University Chapter of AIPG, 2020 – 2021		
OFFICERS	President	Eli Moore
	Vice President	Elainie Huncik
	Secretary	Lindsay DeLullo
	Treasurer	Carl LaRosa
ADVISOR	Dr. Jeff Dick, Professor and Chair, Geological & Environmental Sciences	

Please take a moment and welcome these YSU Student Chapter of AIPG officers and their fellow student members at a future AIPG event. •



Public Outreach Opportunity

Contributing author Tom Jenkins, CPG-07892

The Cleveland Geological Society is looking for informal speakers to attend their regular meetings and speak on topics of geologic interest. Meetings are held on the third Wednesday of the month from September through May at 7:30 pm in Classroom A on the Cleveland Museum of Natural History's lower level (unless otherwise noted on the website).

The Cleveland Geologic Society was founded in 1957. Membership is open to people interested in all aspects of geology. Monthly meetings feature talks on diverse topics, such as the geology of far-flung places, explanations of local points of interest, and paleontology. Members and visiting geologists are invited to speak. The society also holds field trips to local sites and occasionally more distant locales.

The Cleveland Geologic Society helps support a number of museum programs. Among these are the summer **Kirtlandia Research Internship Program** and **Archaeology & Earth Science Day** in October.

For additional information, check out the website at <https://www.cmnh.org/join-support/clubs-societies/Cleveland-Geological-Society>. To present a topic as a speaker please contact Doug Dunn (DDunn@cmnh.org) at the Cleveland Museum of Natural History.



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Letters to the Editor and Editorial Submittal Guidelines

The Ohio Section welcomes and encourages membership discourse via the Section newsletter on relevant geopolitical and geological topics, in accordance with our chartered purpose. Contributing authors are requested to abide by the following guidelines to ensure civility and professionalism.

1. Scientific interpretations should include accurate and effective references.
2. Opinion pieces should be presented with reasoning. Fellow members may choose to comment or challenge a submittal with their own contribution.
3. Authors must abide by the AIPG Code of Ethics. Any author who violates this code will not be published. Authors must be respectful to fellow members, all political parties, officials and candidates.
4. Letters to the Editor should be under one page in 12 pt. Arial font.
5. Member authors should provide their name and certification number.
6. The Ohio Section also welcomes and will consider relevant articles from non-members, provided contributions abide by the above stated guidelines.

Contributions to the Ohio Section newsletter do not necessarily reflect the opinion of the Ohio Section or the editor. We reserve the right to edit for clarity and space considerations.

Please send submittals to the editor at sbeanland@eagoninc.com.



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