

AMERICAN INSTITUTE OF PROFESSIONAL GEOLOGISTS

Northeast Section **NEWSLETTER** **SPRING 2024**

As published on 6/28/2024

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about what
our
members
have been
doing!

**NE-AIPG & HMPGA Joint
Spring Meeting!**
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**CNYAPG and NE-AIPG
GEOLOGY FIELD DAY**
[Page 52](#)

**NYSCPG's Geology Days
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EARTHQUAKE!
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**ATMGS 2023-2024
Awards Announced**
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AIPG NORTHEAST SECTION NEWSLETTER

SPRING 2024

EDITION No. 176

**PUBLISHED BY THE NORTHEAST SECTION OF THE AMERICAN
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(Executive Committee continued on page



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(Executive Committee continued from page 5)

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AND SUBCOMMITTEES**
(As updated 2/6/2024)

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Financial Planning and Treasury: Scott Hulseapple, Bob Blauvelt,
Dick Young

Legislative Liaison and Registration: Tom West (NY),
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Laurie Scheuing (NY)

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Nominating: Kelly Weyer, Bob Blauvelt, Jennifer Rhee

Public Affairs: Dennis McGrath (Chairperson)

Scholarship: Kelly Weyer (Chairperson), Sam Gowan, Michael Grifasi,
Al Moffit, Jennifer Rhee, Tom West

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Section Meetings: Kelly Weyer, Bob Blauvelt, Michael Grifasi

Section Newsletter: Kim Burger, Editor; Dick Young, Publisher

Screening Board: Charles Rich (Chairperson); Don Bruehl, Carol Graff,
William Penn, Daniel Toder, Andrew Tolman, William Prehoda

2024 EXECUTIVE COMMITTEE MEETING SCHEDULE:

January 9th

March 4th

April 17th — Spring Meeting with HMPGA

July 1st

September 10th

October 11th — Fall Meeting

December 2nd

**ExCom Meetings are
typically held from
4:00 to 6:00 pm via
teleconference.**

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Presidential Ramblings SPRING 2024



By NE-AIPG President Kelly Weyer, CPG-11826

Greetings Northeast Section and Friends of the Section!

Happy Spring! The busyness of the spring season is here. Since a lot of our professional work relies on working outside, either by you personally or by others on the projects you work on or manage, it is no wonder that work ramps up when the ground starts to warm and the flowers start to bloom.

My favorite times of the year are early-spring and mid-fall, when the ground is mostly showing through the weeds, the air temperatures are cool in the morning and warm in the afternoon, and hopefully the sky is sunny to top it all off. We're just about out of the calm early-Spring

(Ramblings continued on page 12)

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(Ramblings continued from page 11)

days, and getting into the warmer days of hustle and bustle leading up the summer.

NE-AIPG was already quite busy this spring. In mid-April, NE-AIPG cohosted two Spring Events. These events were geared toward professional and student geologists, and were great opportunities to re-connect and to network with colleagues, and to participate in learning opportunities for PDHs.

On April 17th, NE-AIPG and HMPGA cohosted an afternoon tour of the Holcim Ravena Cement Plant and Quarry, then re-grouped for an evening event in Latham, NY, with a student poster session & professional networking hour, dinner, and a technical talk. On April 26th, NEAIPG collaborated with CNYAPG for a day of field demonstrations on several techniques, instruments, and methods used by regional field geologists. We had a great turnout for both events, and were fortunate to have sunny skies for both events! You can read the articles in this Newsletter for re-caps on the events.

So, as we are all getting back to being (too) busy, and trying to keep up with obligations, while hopefully making time for life and things we care about, sometimes it can be good to take a minute to look back, to look around, and then to look forward again. This doesn't just mean to physically stop, check your surroundings, and continue your task (which is also a good thing to do, occasionally), but it means to look at actions of the past, of the present, and for the future, and consider if adjustments should be made.

For the Northeast Section of AIPG, in looking at how we've been, how we are, and how it appears we'll progress into the future, I think we can say that NE-AIPG is continuing to move in a positive direction, with many thanks to the Member Volunteers that dedicate time to helping the Section succeed.

In looking back over the past several years, the main way NE-AIPG stayed active with the Membership was through hosting two in-person meetings per year, with one in the Spring and one in the Fall. Other NE-AIPG activities included professional workshops and short courses, and visits to colleges and universities. Once this annual schedule became disrupted, and the need for planning events and campus visits were on

(Ramblings continued on page 15)



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(Ramblings continued from page 12)

pause, the momentum of the volunteer Members that made up the Executive Committee (ExCom) and Sub-Committees slowed. During that slow time, many of our dedicated Members, that volunteered for Committee positions year after year, decided to step down from active roles in NE-AIPG due busy personal schedules or moving toward retirement. Since we were not holding the regular in-person meetings, we weren't having the in-person interactions, which is typically where Members start to understand the value of NE-AIPG, and decide they can give some of their time to volunteer for a term on the ExCom or a Committee, to give back to the profession, and to ensure the continued success of AIPG and the Northeast Section.

In looking around at our current state, we're back to planning our in-person events, we are engaged with Geology Students through our annual Scholarship and invitations to events. We've been working to refill open ExCom and Committee positions, but we are in need of more volunteers. The more volunteers we can get, the less work each individual has to do.

In looking forward, we plan to continue the Spring and Fall events, with added events in between. We will continue awarding the annual ATMGS, and hope to interact more with students through campus visits and encouraging participation in NE-AIPG meetings. The ExCom officers and three At-Large ExCom are up for election or re-election in the fall, and we need Committee members to help plan events, review scholarship applications, and participate in screening Membership applications. If you ever considered getting involved, now is the time! You can contact us for more information. We are working on planning the Fall Meeting in October, and we hope to see many of you there!!

Sincerely,

Kelly Weyer
NE-AIPG President



(End)

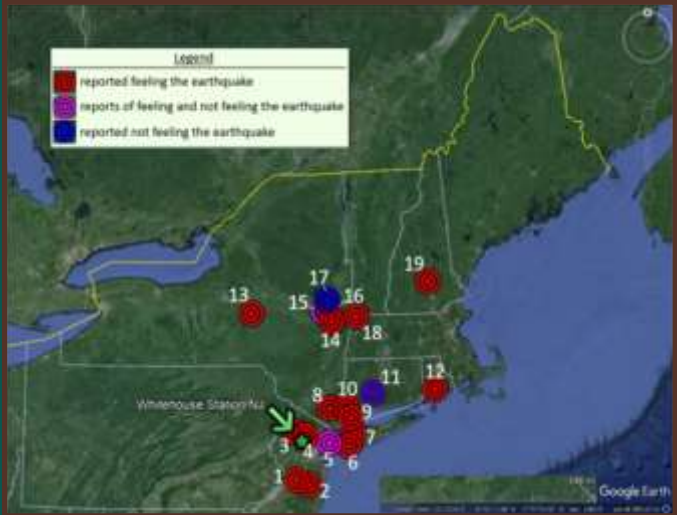


Did you feel the 4.8 Magnitude earthquake on 4/5/24??

M 4.8 - 2024 Whitehouse Station, New Jersey Earthquake
2024-04-05 14:23:20 (UTC) 40.703°N 74.758°W, 4.7km depth
<https://earthquake.usgs.gov/earthquakes/eventpage/at00sbh3yv/executive>

Earthquakes are reported by magnitude or intensity. Magnitude refers to the size of the earthquake, or the amount of energy released, and is a single value calculated from data recorded on seismographs. Intensity refers to the severity of the shaking at a given location, based on effects felt by humans and observed effects or damage to structures.

While the magnitude of this earthquake had a single value of 4.8, as reported by the USGS, the intensity of the earthquake varied across the region. **We asked the members of NE-AIPG to submit a report of what they experienced. Keep reading to see the reports.** We included the Modified Mercalli (MM) Intensity Scale of 1931, which is the Intensity scale used in the United States, for you to rate the intensities across the Northeast for the M 4.8 earthquake on April 5th.



On the left are the intensity reports from around the Northeast, with locations plotted on the Google Earth image.

*Some response content was deleted due to newsletter space, but content was not edited or added. *

(Earthquake cont. on page 17)

Modified Mercalli (MM) Intensity Scale of 1931	
Scale level	Ground conditions
I. Not felt	Not felt except by very few under especially favorable conditions.
II. Weak	Felt only by a few people at rest, especially on upper floors of buildings.
III. Weak	Felt quite noticeably by people indoors, especially on upper floors of building. Many people do not recognize it as an earthquake. Standing motor cars may rock slightly. Vibrations are similar to the passing of a truck. Duration estimated.
IV. Light	Felt indoors by many, outdoors by few during the day. At night, some are awakened. Dishes, windows, and doors are disturbed; walls make cracking sounds. Sensations are like a heavy truck striking a building. Standing motor cars are rocked noticeably.
V. Moderate	Felt by nearly everyone; many awakened. Some dishes, windows broken. Unstable objects overturned. Pendulum clocks may stop.
VI. Strong	Felt by all, and many frightened. Some heavy furniture moved; a few instances of fallen plaster. Damage slight.
VII. Very strong	Damage is negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly built or badly designed structures; some chimneys are broken.
VIII. Severe	Damage slight in specially designed structures; considerable damage in ordinary substantial buildings with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned.
IX. Violent	Damage considerable in specially designed structures; well-designed frame structures are thrown out of plumb. Damage great in substantial buildings, with partial collapse. Buildings shifted off foundations.
X. Extreme	Some well-built wooden structures are destroyed; most masonry and frame structures are destroyed with foundations. Rails are bent.

1. Near Robbinsville, NJ - Yes, I live approximately 35 miles from the epicenter and felt the earthquake. It was a little scary, but there was no damage that I heard of. Actually, pretty cool to experience a small earthquake. Glad I don't live in a highly active earthquake zone.
2. Jackson Twp., Ocean County, NJ - I live within the flight path of McGuire AFB, Joint Base McGuire-Dix-Lakehurst (JBMDL), NJ. Typically, there's glasses rumbling in my kitchen cabinets and windows vibrating on the 2nd floor of my house when air force planes fly over or from the aerial gunnery and cratering munitions. However, at 10:23 this morning, I immediately knew this was not a military JBMDL routine training mission! The continuous elongated over exaggerated rumbling in Jackson was exceptionally out of the ordinary! Fortunately, at this time, no human health conditions, loss of life or property damage to report. Did you read an interesting article that we should all check out? "Strike-Slip Displacement on Faults in Triassic Rocks in New Jersey" <https://www.science.org/doi/10.1126/science.136.3510.40>
3. Mount Arlington, NJ - Report from 3rd story of an office building. The office was rockin'! My first thought was the nearby Picatinny Arsenal was testing armaments today, but that thought quickly dissipated as the building and the ceiling tiles and ventilation equipment above me started rattling. It was an incredible experience, and a great opportunity for talking geology with coworkers. Now they are more informed in the event we experience aftershocks.

(Earthquake cont. from page 17)

4. Parsippany, NJ - My colleagues and I felt rumbling and shaking on the third floor of our office building around 10:23 AM this morning. The movement lasted under 30 seconds, and we knew after 10 seconds that it was an earthquake. Right away I went to the USGS website to find out that the earthquake epicenter was located in Whitehouse Station, Hunterdon County New Jersey, which is the next town to where I live. I contacted my daughter who was working from home and she said it sounded like a loud dump truck was on the driveway, and heard the house creaking and the ground was shaking. Based on my knowledge of New Jersey Geology, the Ramapo Fault is located in Somerset and Hunterdon Counties, and I looked up the geologic map of New Jersey to locate the epicenter in relation to the fault. I also found an interesting article on the geology of Round Valley reservoir which is located very close to the epicenter in Lebanon, NJ and where the Ramapo Fault passes through. <https://www.nj.gov/dep/njgs/enviroed/freedwn/RoundValleyGeology.pdf>
5. Maspeth, NY - I was in Maspeth for it. At first, I thought it was a big truck going by the trailer, but my computer screens were really rocking back and forth and lasted longer than a passing truck. My project engineer was standing next to me but didn't feel it maybe because she was standing. My sister felt it all the way out in Miller Place (east of Port Jeff on Long Island).
6. Seaford, NY - Yes, we heard/felt the quake in Seaford, NY. Wow, an earthquake on a Friday and an eclipse on Monday!
7. Greenlawn, NY - At first, I thought it was a low-flying Medi-Vac chopper that often buzzes our house as we are near Huntington Hospital, but this was about 5x "stronger" and shook our entire house for about 5 seconds. Fortunately, there was no damage.
8. Cortlandt Manor, NY - I live 95 miles to the northeast of the epicenter in Cortlandt Manor, NY and was in my home working remotely. I initially thought the noise and vibrations were a large military helicopter flying close to the ground. Once I saw the walls and the beams in my steep A-frame roof/ceiling moving like a bowl of Jello, I knew it was an earthquake and not a low flying helicopter. Having lived in the NY area for nearly 25 years, I was quite surprised to feel and experience an earthquake of this magnitude. I've experienced many earthquakes growing up in Costa Rica, Colombia and Nicaragua. I lived and worked in Long Beach California and experience a few earthquakes out there, but never thought I'd experience them here in southern New York. I immediately checked out USGS website but it took a while before the earthquake was reported.
9. Norwalk, CT - At first, I thought it was a helicopter overhead!
10. Ridgefield, CT - I was at home in my kitchen in Ridgefield, CT. Slight rumbling. More sound than movement it seemed. No damage though.
11. Cheshire, CT - I was sitting quietly at a coffeehouse in Cheshire, CT, at 10:23 and felt absolutely nothing. Neither did anyone else I know here in Cheshire.

(Earthquake cont. on page 19)

(Earthquake cont. from page 18)

12. Kingston, RI - Sitting at my desk in Kingston, RI. About five seconds of vibration and rattling of things that don't usually rattle. iPhone clock said 10:25.
13. Colgate, Hamilton, NY - I've been procrastinating writing a paper all week and finally dragged myself to the library to work on it... not long after arriving I experienced my first earthquake which was distracting to say the least! It was a particularly funny experience because not an hour beforehand I had been helping my roommate study for a geology exam about earthquakes!
14. Albany, NY - I am a retired guy with a night hawk's hours (to sleep commonly by 4-5 AM). So, I felt the earthquake while in bed. Shaking in a N-S direction went on maybe three seconds. I knew it was an earthquake. There was a late morning earthquake...in spring 1968 in southern Illinois...felt it (also) in bed in college in Madison, WI, with the shaking somewhat stronger and going on for a little longer. It may have felt stronger as I was in a low tower building. The news that day long ago was about the earthquake and explained the shaking.
15. Schenectady, NY - Most of our office in Schenectady NY felt the earthquake, some who were standing up on the other side of the building had no idea we even had an earthquake. Our office is a single floor and not that large.
16. Clifton Park, NY - We felt it in Clifton Park, NY! Well, MOST of us did. There's no explaining why two of the guys in the office were asleep at 10:23 am. The floor shook, and it sounded like a wind storm outside. There were two shaking episodes with a very short lull in between. Of course, we started checking out who else felt it. We heard from friends and family in Round Lake, Ballston Spa, and Glenville, NY, all in the Capital Region, and all felt it. People as far west of us as Camillus, NY (west of Syracuse) felt it. Of course, friends in NYC, on L.I., and in NJ felt it. Family in MD did not feel it.
17. Ballston Spa, NY - I live in Ballston Lake, NY, about 150 miles north of the epicenter. I was inside my house but did not feel the earthquake nor did I notice any behavioral changes in my cat. I live in a single-family home with a foundation that sits directly on bedrock.
18. Williamstown, MA - I felt it in Williamstown, MA (northwest Massachusetts) in an old dormitory. I was on a call with a prospective PhD advisor when it happened and figured it must have been a spell of vertigo. We caught some great readings on our Geoscience Department Raspberry.
19. Concord, NH - Felt in Concord, NH. A small sound and maybe 15 seconds of slight shaking. Barely noticeable but confirmed by my computer monitor swaying slightly!



(End)



**Angelo Tagliacozzo
Memorial Geological
Scholarship
2023-2024**

By Kelly Weyer, CPG-11826
Scholarship Chairperson

**The results of the 2023-2024 38th annual
Angelo Tagliacozzo Memorial Geological
Scholarship (ATMGS) Awards are in!**

The ATMGS Board of Trustees and the NE-AIPG’s Executive Committee (ExCom) reviewed the ATMGS Committee’s award suggestions, and approved the ATMGS Awards in the March 5, 2024 ExCom meeting. Thank you to all of the students that took the time to apply, and if you did not receive an award this year, and are still qualified in the fall, please apply!

We are pleased to present and to congratulate the seven selected 2023-2024 ATMGS Award recipients

<u>Award</u>	<u>Applicant</u>	<u>College</u>
\$3,500	Sean Gilbert	Stockton University; Galloway, NJ
\$3,000	Aiyana Vazquez	Wellesley College; Wellesley, MA
\$2,500	Jade Simoneau	University of Rhode Island; Kingston, RI
\$2,000	Nicholas Janowski	SUNY Binghamton; Vestal, NY
\$2,000	Victoria Rose Castle	Stony Brook University; Massapequa Park, NY
\$1,000	Angela Douglass	Wellesley College; Wellesley, MA
\$1,000	Matthew James	Montclair State University; Montclair, NJ

(ATMGS continued on page 21)

(ATMGS continued from page 20)

The 2023-2024 ATMGS Committee consisted of five NE-AIPG Members (Al Moffit, Jennifer Rhee, Mike Grifasi, Sam Gowan, Tom West, and Kelly Weyer). Between December 2023 and February 2024, the ATMGS Committee reviewed the eleven qualified applications received between September 2023 and December 2023. After completing individual reviews, the results were combined, and the ATMGS Committee held a meeting to discuss the results, and agreed on the suggested award pools and recipients that were presented to the ExCom.

To qualify for the ATMGS, an applicant needed to be junior or senior undergraduate student, pursuing a degree in a geological science, at a university or college within the area covered by NE-AIPG. Consistent with previous years, evaluation criteria for this year's ATMGS included financial need, academic transcript and qualifications, career goals, achievements (e.g., awards, projects, publications, senior thesis, etc.), and a faculty recommendation letter. Financial need and academic qualifications are weighed more heavily than the other factors in accordance with the weighting scheme that has been used now for many years.

The eleven applications came from nine different colleges and universities within five of the eight states that make up NE-AIPG. All of the reviewed applications demonstrated excellent academic qualifications and real financial needs, with over half of the students earning above a 3.7 GPA. Many of the students that applied are involved in research projects, which give them hands on experiences in the field, in the lab, and in interpreting and presenting their results to their peers and colleagues at professional meetings. These experiences do not come without a cost beyond basic tuition, and several applicants expressed that, if chosen, they would use the Award to help fund a project or trip, which we all know is an important part of understanding geological processes.

(ATMGS continued on page 22)

(ATMGS continued from page 21)

The decisions made by the ATMGS Committee, ATMGS Board of Trustees and NEAIPG ExCom were not easy, but were based on an evaluation process that has evolved into what is believed to be a fair process that is ultimately limited by funds available. This is a good reminder to consider donating to the ATMGS Perpetual Trust Fund so that we can grow our funds, and be able to make impactful Awards to students for years to come.

The final Award amounts were approved after considering the quality and qualifications of the applicants, performance of the ATMGS Perpetual Trust Fund over the past year, and the overall financial health of the NE Section. An Award pool of \$15,000 was selected as an appropriate award amount.

The name of each recipient, the college or university they attend, and the Award amounts are presented in this announcement and are posted on the NE-AIPG's website. All applicants were contacted by email or phone to inform them of the outcome. Awards are planned to be delivered via checks accompanied with a letter of recognition. Each applicant that did not receive an Award was emailed an acknowledgement letter notifying them of the results and thanking them for their interest in our scholarship program. Students that will be seniors next year are encouraged to apply for the 2024-2025 Awards, if they are still eligible.

A huge thank you is extended to each member of the ATMGS Scholarship Committee for their time and effort in evaluating the eleven applications and selecting the seven 2023-2024 Scholarship recipients. Many thanks also go to the former Committee Members and former Committee Chair, Dennis McGrath, for developing the evaluation system that seems to provide fair and meaningful results to aid in the Committees' and Board's final decisions. Thank you to the professors, faculty, and students for their interest and involvement in the Scholarship program. Last but not least, thank you to everyone that has and continues to donate to the Angelo Tagliacozzo Perpetual Trust Fund.

The 2024-2025 ATMGS Application will be open from September 2024 through December 2024, and Awards will be made in Spring 2025. Watch your emails and the website for future announcements and updates.

(End)



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The Slayback Award

Anyone may provide written, descriptive nominations of candidates (and of their contributions to NE/AIPG) for the Slayback Award, by *CONFIDENTIALLY submitting the nomination in writing to any one of the previous recipients* (Dick Young, Dennis McGrath, Dan St. Germain, Tom West, Curt Kraemer, Bob Blauvelt, and Jeff Frederick).

The concept of the Russell G. Slayback Award is to provide: "Honor and Recognition of Exemplary Service, Above and Beyond, To the Northeast Section of AIPG." Thus, the Slayback Award is intended to be presented on those rare occasions when truly landmark, exemplary service has been given to the Northeast Section of AIPG for a protracted period of time by an AIPG Certified Professional Geologist who is a Member of the Northeast Section. "On those rare occasions" is the operative phrase, as the Slayback Award was never intended to be "presented annually."

Selection of Awardees is made by the previous recipients, in confidential discussions with the NE/AIPG Section President. Individual Members of the ExCom may be consulted for their input on a confidential basis. Confidentiality, to maintain the element of surprise in honoring the Recipient(s) and his/her/their long service, is a cornerstone concept of the Slayback Award.

Additionally, given that Russ was committed to helping/mentoring young Geologists and was a long-time, devoted proponent of the Northeast Section's Angelo Tagliacozzo Memorial Geological Scholarship Trust Fund, Donations In Memory and Honor of Russ Slayback may be made to the NE/AIPG Geological Scholarship Perpetual Trust Fund and should be written to: Angelo Tagliacozzo Memorial Geological Scholarship Trust Fund, and mailed to: NE/AIPG Geological Scholarship Trust Fund, c/o Scott Hulseapple, 679 Plank Rd, Clifton Park, NY 12065

Alternatively, you can make your Contribution, RIGHT NOW, ONLINE, by going to <https://ne-aipg.org/> and clicking "Donation To Scholarship Fund" (under **Quick Links** on the home page). All Contributions to the Scholarship Trust Fund are invested, perpetually, with earnings thereon used solely for the Scholarship. NE/AIPG bears all costs of administration. Please ask your employer about matching your tax-free contribution and about additional corporate contributions.

For further information, contact Kelly Weyer: neaipg.atscholarship2@gmail.com

(End)

NYSCPG NEWS

By John Nadeau (CPG-1181), Executive Director

Happy Spring from NYSCPG. We are working on plenty of informative and exciting things for those interested in networking, PDH credits, or educational events. In one of the most exciting pieces of news so far this year, NYSCPG has contracted with a new lobbyist. The organization was represented by Peter O'Connell from 2011 until his retirement. Peter helped NYSCPG with a list of potential firms to represent us going forward, and the Board of Directors unanimously approved retaining Campbell H. Wallace, Esq for legislative and regulatory representation. Campbell, an attorney, is a partner at Pastel Rosen & Wallace LLP, an Albany-based law and lobbying firm. Campbell comes to the Council with considerable professional design industry experience having served as the director of government relations for ACEC New York for eight years, where he successfully lobbied on behalf of the consulting engineering community. I look forward to working with Campbell on legislative and regulatory matters for NYSCPG.

NYSCPG has two sponsored events planned for May. We will be hosting a noontime webinar on the NYS Application Process, on Wednesday, May 15, presented by Bill Kelly, PG and Eric Greppo, PE. The course will discuss the communication, organization, and expression of experience on the licensure application. The course reviews the current regulatory requirements, forms, and submission processes necessary for successful application. There will be no PDH credit, but the course is recommended for both applicants and supervisors assisting junior staff with the application process.

NYSCPG and Midwest Geosciences Group are co-hosting the two-day short course Contaminant Fate and Transport in Fractured Rock at West Point Academy, in West Point, New York, on May 16 and 17. Participants will learn step-by-step procedures to develop professional-level conceptualizations of fracture networks for a variety of rock types, fracture patterns, and tectonic settings for application to field-scale transport problems and the assessment and design of remedial strategies. NYSCPG members can save \$150 off registration with the discount code NYSCPG-SAV150. Please visit the Midwest Geosciences' website at <https://midwestgeo.com/courses/fracturedrock2024.php> to register for the course.

(NYSCPG News continued on page 25)

(NYSCPG News continued from page 24)

NYSCPG will be hosting the third annual Geology Days in Saratoga Springs, NY, November 11 - 13, 2024. The Call for Abstracts was recently distributed, and abstracts can be submitted through April 12. We are looking forward to another sold-out event, this year, with two days of informative presentations, field trips, and other optional events.

We are excited to be teaming again this year with NEAIPG for the field trip portion of the conference. Registration will open in mid-June with an early bird discount. We hope to see you there.

I mentioned the position of the State Geologist in the last NYSCPG newsletter and wanted to share the same information with NEAIPG members. I attended a recent dinner presentation by Andrew Koslowski and was reminded that New York no longer has a State Geologist. It has been over 10 years since the last person held the official title as part of the State Geologic Survey. Since the standard of the profession of geology has been elevated since that time, why would the state not appoint a person to this important role? The state has also seen varying effects of climate change, and federal grants for studying these changes require the participation of a state geologist. NYSCPG believes that role of the State Geologist and the State Geologic Survey are crucial for the protection of the public and the resources of New York. As professional geologists, we should all be requesting our elected representatives to support this effort.

As always, please reach out to me with any questions or comments via email at jnadeau@nyscpge.com or by phone at 518-579-6580.

Regards,



John M. Nadeau, PG
NYSCPG Executive Director



(End)



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NE-AIPG and HMPGA Joint Meeting — April 17, 2024



Submitted by Kayla Weidner, Production Analyst, Holcim Ravena

Holcim Ravena had the pleasure of hosting AIPG and HMPGA for their joint meeting on April 17, 2024. The site has been in operation since 1962 and has been known as many names. At its inception, the plant operated under the Atlantic Cement Company. Over the years, there were multiple company acquisitions and name changes that ultimately lead to the plant rebranding as Holcim.

The facility is home to a 2,600 acre quarry, a large rotary kiln, a vertical raw mill, and four ball mills. The cement mills are original equipment from 1962 while the kiln and raw mill were upgraded in 2017. Prior to that, the plant operated with two wet kilns and used slurry tanks for the raw mix.

The quarry exposes a near horizontal stratigraphy with a dolomite base followed by calcium dominant Coeymans-Manlius limestone and silica rich Kalkberg limestone overlain by shale. The Coeymans-Manlius and Kalkberg are used in cement production. The dolomite is too difficult to mine and the shale isn't chemically compatible to produce cement.

The tour was hosted by three of Holcim's finest employees. Brian Soeffing is the Quarry Manager and has been with the company for 10 years. He first started as a Quarry Engineer and worked his way up to Manager. Stephen Phelps is the Environmental Project Manager and had been with Holcim for a little over a year. He is in charge of the landfill remediation project and has also done reclamation work on other parts of the site. Kayla Weidner is currently in the Production Analyst role. She

(Joint Meeting continued on page 31)

LOWER DEVONIAN	Helsöberg Group	New Scotland Fm.	7	Dark gray to black, glass-bedded wackestone and packstone with mudstone and calcareous shale interbeds. May be very fossiliferous with brachiopods, lryzozoans, trilobites, and rare rugosan corals.	80-120'
		Kalkberg Fm.	6	Grey to light brown, wavy bedded wackestone and packstone with shaly to calcareous shale interbeds. Thin chert beds and/or chert nodules present. May be very fossiliferous in places with brachiopods, lryzozoans and graptolites.	15-25'
		Creymans Ls.	5	Brown conoidal grauwacke may be massive or contain large-scale cross beds. Tubulate and rugosan corals and pentameroid brachiopods (<i>Cypridula</i>) common.	30-50'
		Marinus Fm.	4B 4A	Greyish to yellowish brown wackestone, packstone, and carbonate mudstone. Characteristic mudcracked laminated carbonate mudstone near base and distinctive stromatoporoid siltstone near top.	30-60'
	SILLUR	Bendout Dolomite	3	Light brown to tan dolostone. Very fine-grained.	0-2'
		"Indian Ladder Beds"	2	Brown to yellowish siltstone to quartz arenite with calcite cement. Large-scale cross beds.	0-215'
ORDOVICIAN		Normanskill Fm.	1	Dark grey, brown or dark green litharenite, siltic siltstone and laminated mudstone. Sandy beds grade upward to laminated silt and clay shale. Tool marks and flute casts present.	50' +

has been at Holcim for 7 years and started out in the lab. She is currently studying to obtain her Professional Geologist license and has already passed the FG exam.

Safety is the number one priority at Holcim. Everyone on the site is upheld to the highest safety standards, and visitors are no exception. Before the tour even started, all participants were required to complete two site specific safety modules online. This is mandatory for all visitors at every Holcim site. Certificates showing module completion were handed in and signed off by the tour hosts. An email was sent out ahead of time to all participants with a list of required PPE: hard hats, high-vis vest or long sleeve shirt, steel toed boots, and eye protection. Loaner PPE was provided as well for those who did not have access to their own PPE.

After all the participant arrived and checked in, the tour hosts gave an introduction of themselves and the plant. After a final PPE check, all the participants and hosts were loaded into a charter bus for the first stint of the tour.

The tour started off with a blast. The charter bus dropped the participants off at an overlook that was a safe viewing distance from the blast zone. The blasting technician was staged at the same location and the group was given a brief overview of the blasting process. Bore holes are mapped and drilled in a specific way to facilitate an efficient blast with the desired yield. The holes are charge with ammonium nitrate and

(Joint Meeting continued from page 31)

the blast is activated remotely. The blaster gives several blast warnings in the form of sirens; 5 minutes, 3 minutes, 1 minute, 30 seconds, 10 seconds, and blast.



After the blast, the group filed back onto the bus and were treated to a driving tour of the quarry. Standouts were the active mining area where the blast took place, the bright blue lake the formed from the heavy rains, and the large haul trucks. The group was then driven down to the main plant for an overview of the cement making process.

During the drive down to the plant, the long conveyor belt from the quarry to the plant could be seen. This conveyor transports the stone from the quarry to the stone reclaim building at the main plant. The bus parked outside the reclaim building and the group was treated to a walking tour of the stacker reclaim system. The stone brought down to the plant is stacked into 4 different piles and separated by type. It is then reclaimed by a chain reclaimer and sent to the bins building.

The bins building holds all the raw materials required to make raw mix. This includes the Coeymans-Manlius and Kalkberg stones as well as bauxite, gypsum, iron, and sand. All of these raw material are finely ground in the vertical raw mill to produce raw meal. The raw meal is then transported to the preheat tower where it travels through 5 stages of cyclones. By the end of the preheater process, the raw meal is turn into hot meal and is ready to go through the kiln.

The hot meal is fed into the rotating kiln where it is superheated to form clinker. As the feed travels down the length of the kiln, it cools to form round balls of clinker. Clinker in its simplest definition is pre-ground

(Joint Meeting continued on page 33)

(Joint Meeting continued from page 32)

cement. The clinker is then dropped into the cooler where the material is cooled enough to be transported to the storage hall or production silos.

Clinker is fed into the cement mills from the production silos. The mills grind up the clinker with gypsum, grinding agent, and occasionally limestone fines. If the clinker is still hot during the grinding process, the gypsum can be physically altered to plaster. This will cause the cement to contract after setting. The final product is transported to silos where it is stored until it can be loaded onto trucks or barges.

After the overview of the cement making process, the group made its way back to the quarry to the north pit for a Q & A session followed by a quiz. Snacks and refreshments were provided. The participants were then allowed to roam freely do some hands on rock sample identification before heading back to the parking area.

The afternoon was filled with fun and learning, and Holcim looks forward to hosting another tour.

(End)



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NEW GEOLOGY VIDEOS: Lester Park and Stark's Knob in Saratoga County, New York

Two videos on classic geologic sites in New York are now (February 2024) posted under the Geological Society of America "Geoheritage" program. The videos were made by Drs. Ed Landing (New York State Paleontologist, emeritus) and Alexander Bartholomew (SUNY-New Paltz, geology department). These two sites in Saratoga County have been designated "New York State Geoparks" by Senator Michelle Hinchey and Assemblyman Steven Englebright (now Suffolk Co. councilman)

Search on google for the video "Geoheritage: Lester Park," titled "NEW YORK STATE GEOPARKS—LESTER PARK—Stromatolites." This is a field trip on the earliest named stromatolites (layered microbial domal structures) and explains their ancient, shallow-marine setting. At that time, ancestral North America was rotated 90 degrees and tropical eastern New York was at ca. 35 degrees south latitude.

The ca. 490 million year-old age of Lester Park was established by thorough fossil collecting from Lester Park and related areas by Dr. Landing and University of Toronto colleagues. This led to publications (NYSM Memoir 13, among others) based on extensive trilobite collections now in the NYS Museum.

The broad surface at Lester Park immediately east of Lester Park Road shows cross sections through one bed with numerous stromatolites. The stromatolites were originally higher domes but were truncated by wave- and tidal current-driven movement of coarse quartz sand with Late Cambrian sea-level fall. This coarse sand is best seen at the north end of the Lester Park stromatolite surface. The bedding surface was not ground down by Pleistocene glacial activity—which actually eroded the surface by plucking (not grinding) the upper part of the domes from the southern part of the outcrop.

The "Geoheritage Stark's Knob" video "NEW YORK STATE GEOPARKS—STARK'S KNOB—submarine pillow basalts" reviews the only volcanic edifice in New York State. Study of Stark's Knob by Dr. Ed Landing and Canadian colleagues changed plate tectonic models. They showed in 2003 that small volcanoes (later called "petit volcanoes") appear on the "lip" of subducting plate margins where they are pulled into/sink into trenches such as the modern Japan trench. In 2006 identical small volcanoes were recognized on the edge of the Pacific plate as it descends into the trench. In 2009 these were called "petit volcanoes."

Stark's Knob lies at the very edge of the folded and faulted Appalachian Mountains. It was overrun by the advancing edge of the Taconic overthrust and is essentially in situ (autochthonous). It was not transported to the west by Taconic over thrusting out of New England, as commonly believed. A reconstruction of the "Pacific Ring of Fire" should show giant explosive volcanoes, as Mount St.

(Lester Park continued on page 35)

(Lester Park continued from page 34)

Helens or Mount Lassen, inboard of the subduction zone and on the overriding plate. Petit volcanoes like Stark's Knob appear on the subducting plate as it is pulled apart and descends into the submarine trench. Petit volcanoes probably first appeared with the onset of plate tectonics on Earth.

The Late Ordovician (ca. 460 million year) age of Stark's Knob was established by discovery of a time-diagnostic fossil snail in a limestone lens that overlay basalt pillows of the Knob. The snail showed that Stark's Knob is somewhat younger than the youngest Late Ordovician rocks of the Taconic overthrust. The limestones on the pillows have carbon isotopes characteristic of sea-water and were likely formed almost like a submarine snow with the heating of sea-water and loss of carbon dioxide as the pillows were extruded. The video shows limestones that overlie pillows and even have baked (reddened) upper contacts. A second type of limestone is shown to overlie ledges in lava tubes that were crushed by overlying pillows.

A contribution by Drs. Ed Landing (New York State Paleontologist, emeritus) and Alexander Bartholomew (SUNY-New Paltz, geology department).

If you've never been to these New York State Geoparks with an expert to describe the sites, or if you are planning a visit, these online videos are not to be missed!



(End)



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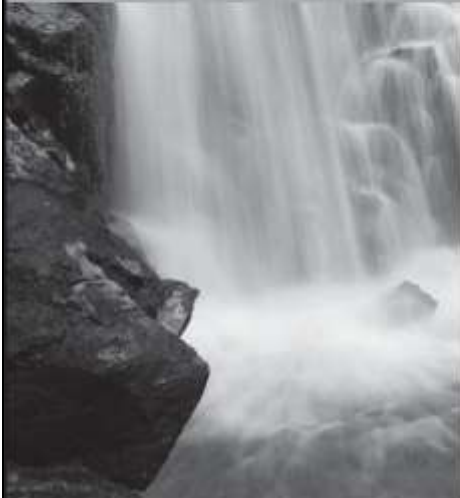


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CALL FOR STUDENT PRESENTERS

HMPGA, in collaboration with NEAIPG, is hosting the **6th Annual Student Poster Exposition and Professional/Career Networking Event!**

This is an opportunity for undergraduate, graduate, and post-doc students in geoscience or related fields to present their research to their peers and professionals at an open poster session during HMPGA's monthly meeting, in conjunction with NE-AIPG's Spring Meeting. Topics of research presented should relate to geophysics, hydrogeology, geochemistry, or other geology or earth & environmental science related sub-fields. Posters from previous presentations with GSA, AGU, etc. are welcome and encouraged!

This meeting is intended to bring together professional geologists and students in the geosciences, and has historically been well-attended by geologists, engineers, and scientists from academic, government, and consulting sectors. **Students should make sure a bring copy of their résumés!**

The exposition and networking event is **FREE** to presenting students, including dinner!

Date: Wednesday, April 17th, 2024

Location:	The Century House	Time:	Poster Session	5:00pm
	997 New Loudon Rd.		Dinner	6:00pm
	Latham, NY 12110		Presentation	7:00pm

Following the dinner, an evening talk will be presented on a topic of professional geology or related subject matter. *There will be an afternoon field trip to the Holcim Ravena Cement Plant, stay tuned for details!*

Poster Session Registration:

Current students and recent graduates of winter 2023/2024 are encouraged to present at this open poster session, but all students are welcome! Contact Kelly Weyer (NEAIPG) at kweyer@cg-env.net or Jonathan Dippert (HMPGA) at J.Dippert@ctmale.com if you are interested in presenting a poster. Geosciences faculty members are encouraged to attend this event.

The Hudson-Mohawk Professional Geologists Association (HMPGA) was established in 1954 to provide an open forum to strengthen and advance the geological sciences. HMPGA fosters the open exchange of ideas and disseminates information regarding the geological sciences to the community. HMPGA is affiliated with the American Institute of Professional Geologists (AIPG) to help facilitate the exchange of information regarding professional activities on a state, regional and national level. Participants in the organization include working professionals from both the private and public sector, educators from colleges, universities, and high schools, and avid enthusiasts.

HMPGA & NE-AIPG

HUDSON MOHAWK PROFESSIONAL GEOLOGISTS ASSOCIATION (HMPGA)
&
NORTHEAST SECTION OF THE AMERICAN INSTITUTE OF PROFESSIONAL GEOLOGISTS (NE-AIPG)

(End)

AIPG's Mentoring Program

Do you know AIPG has a Mentoring Program for AIPG Members at all levels of their careers?

Are you looking for advice as you start your career, or consider a career change, or retirement?

Are you enjoying a successful career and are able to provide advice or support to others as a Mentor?

AIPG's Mentoring Program is designed to encourage discussions between AIPG members.

You can participate in the program as a Mentor, a Mentee, or both!

For more details, visit

<https://aipg.org/page/MentoringProgram!>

AIPG's Career Center

Did you know AIPG has a Career Center?

Services include a job board for posting and searching for jobs, resume reviews, and more!

For more information, check their website at:

[https://aipg-jobs.careerwebsite.com/.](https://aipg-jobs.careerwebsite.com/)

(End)

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GEOLOGY ROCKS 2024

The New York State Council of Professional Geologist's fourth annual Geology Rocks fundraiser and networking event was held on April 18, 2024 at the Coliseum in White Plains, NY. Musical entertainment was provided by the Led Stones, a special creation by local musician Dylan Kelehan of Dark Side of the Hudson, who played two electrifying sets to a crowd of about 110 supporters of the NYSCPG. It was our biggest turnout yet! The band started night with groovy tunes by the Rolling Stones, including Start Me Up, Miss You, Can't You Hear Me Knocking, Honky Tonk Woman, Paint It Black, and Sympathy for the Devil. After a brief break, the band rocked the house with amazing renditions of some of Led Zeppelin's greatest hits, including Good Times Bad Times, Ramble On, The Ocean, The Immigrant Song, Dazed and Confused, Moby Dick, Heartbreaker, and Whole Lotta Love. The band ended the night with the shredding guitar of Whipping Post as a tribute to Dickey Betts, longtime guitarist/singer for the Allman Brothers Band, who sadly left us on the same day as our event.

The music was phenomenal. The crowd was lively and in good spirits throughout the night and the hors d'oeuvres, food, and drinks were excellent. In addition, it was a great night for networking and for everyone to catch up and since Geology Days.

On behalf of the NYSCPG, I would like to extend our gratitude to all those who attended and our sponsors, including ECD NY, York Analytical, J.C. Broderick & Associates, NYCO Environmental & Dewatering Corp, Island Pump & Tank, Langan, Mayrich Construction, NOVA Geophysical Services, Pace Analytical Services, Posillico Inc., Sive Paget & Riesel, P.C., Roux, Castleton Environmental, PVE LLC, Ground/Water Treatment & Technology, LLC, Delta Well & Pump Co., Inc., SGS North America, Preferred Environmental Services, Coda Staffing, and Specto Technology.

Most importantly, thank you to Michael Beckerich and York Analytical for organizing a world class party in support of New York's Professional Geologists.

(Geology Rocks continued on Page 43)





part of
ALS Limited

NYACK, NY (March 25, 2024) – York Analytical Laboratories, Inc. has been acquired by ALS Limited to accelerate growth of their environmental **testing services in the Northeast U.S.** The addition of York’s market-leading operation – with more than 200 staff across four laboratories and four strategically-located service centers across New York, New Jersey and Connecticut – is the latest strategic acquisition by ALS in key markets around the world. With more than 19,000 employees and \$1.5 billion in **revenues, ALS’s new management team is focused on investing in people** and systems to advance its environmental laboratory business, with a mandate to rapidly grow and become the leader in the U.S. environmental testing market.

“The acquisition of York Analytical enables us to grow quickly in the fast-emerging northeast U.S. environmental marketplace, where there continues to be significant investment in major infrastructure programs and widespread PFAS contamination issues,” says Malcolm Deane, CEO and Managing Director of ALS Limited.

“York entered the PFAS market early with the first PFAS lab in New York City and have built an impressive operation that we will help scale and accelerate. Combined with its impressive drinking water, air and full suite of environmental testing, and York’s relentless dedication to fully satisfying its clients, ALS+York will lead to even better, faster and more reliable service for all clients, both current and new.”

Critical to the deal is the retention of all of York’s employees, including its senior staff and its client-centric and culture-enhancing commitments. Integration of the teams and synergistic efforts have already begun and will be communicated to clients in the coming months.

Says Michael J. Beckerich, President and CEO of York Analytical: “With ALS’s focus on Northeast and the tremendous global resources they provide, our teams will combine with the dynamite ALS laboratories in Middletown, PA and Rochester, NY to quickly become the laboratory of choice for environmental professionals throughout the Northeast. The depth and scope of talent and resources across the ALS global network

(York continued on page 45)

(York continued from page 44)

combined with our grassroots results-focused business model is going to **have an immediate impact on client growth and satisfaction.**”



About ALS Limited

A global leader in testing, ALS provides comprehensive testing solutions to clients in a wide range of industries around the world. Using state-of-the-art technologies **and innovative methodologies, ALS's dedicated** international teams deliver the highest-quality testing services and personalized solutions supported by local expertise. ALS helps its clients leverage the power of data-driven insights for a safer and healthier world. Visit www.alsglobal.com to learn more.

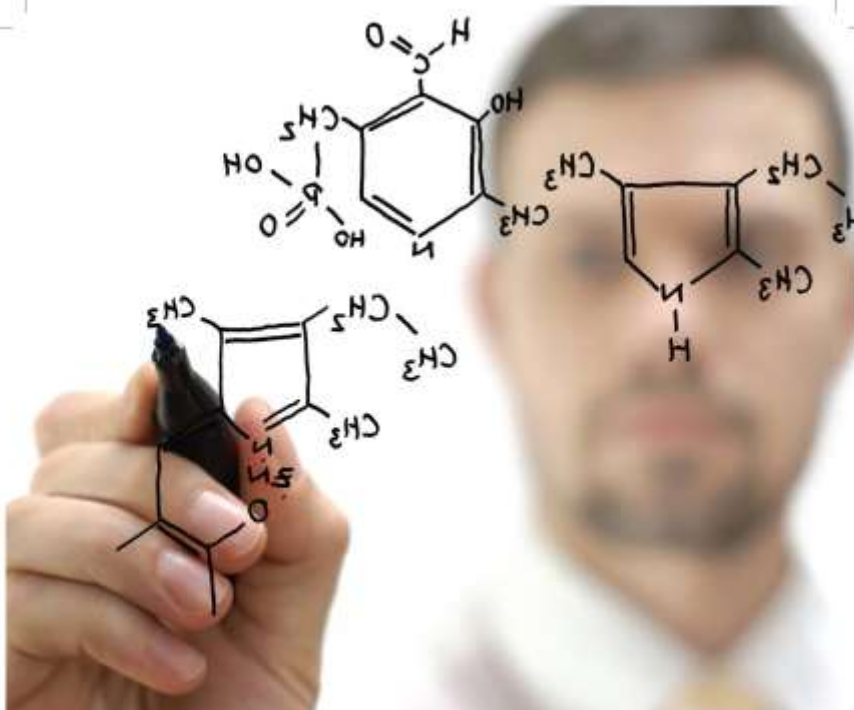
About York Analytical Laboratories, Inc.

York Analytical is the New York Tri-**State region's most respected name** in industrial and environmental testing, with 30+ years of comprehensive analyses of drinking and non-potable water, soil and air for regulated contaminants, and leadership in PFAS analyses. Independent and owner-operated, York has eight laboratories and client service facilities throughout New York, Connecticut and New Jersey. In the past two years, York has greatly expanded its PFAS and drinking water testing services, with acquisitions of two laboratories in Toms River, NJ, and Newtown, CT.

(End)

*NE-AIPG Spring Newsletter
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Thank You to all NE-AIPG members that attended another great collaborative event with HMPGA in April. Both associations made this the highest attended event of the year. The evening kicked off with a student poster session that had 10 undergraduate students from the northeast showcasing their research and diverse skillsets (See [Page 40](#)). The students and professionals participating in this highly engaging atmosphere made it a poster-session, career fair, and networking event all rolled up into one!

The evening was topped off by Prof. Chris Scholz from Syracuse University presenting on using marine geophysical methods and sediment core samples to examine the depositional history of Oneida Lake, New York, which is the remnant of Glacial Lake Iroquois, to decipher the deglaciation record of the Ontario Lowland and Mohawk Valley of North America for the purposes of constraining the retreat history of the Laurentide Ice Sheet, end-Pleistocene paleoclimate, and ice-sheet processes.

HMPGA has two remaining events before taking a summer break. Join us on May 15 at the Century House and June 19 for our Summer Outing. Details are on <https://hmpga.wildapricot.org/>.

And stay tuned for next year as HMPGA celebrates 30 years strengthening and advancing the geological sciences!

Jon Dippert, HMPGA Program Committee Chair

(End)

From The Publisher's Desk



The NE-AIPG would like to wish a boulder-sized congratulations to our Editor, Kim Burger, for achieving her **Master's degree in English** from Stony Brook University. Way to go, Kim!



NE-AIPG is working to keep you informed.

Although NE-AIPG is an all-volunteer group, we do our best to keep the Event Calendar and content on the <https://ne-aipg.org/> website up to date, and to send emails with upcoming events and announcements.

On the Northeast Section's website, you can also find archived Newsletters, links to AIPG's job board and mentoring program, and information on the Angelo Tagliacozzo Memorial Geological Scholarship (ATMGS) and on Advertising in our Newsletters. Please check the website regularly, and watch your emails for updates!

On April 17, 2024, NE-AIPG and HMPGA collaborated for a two-part Spring Meeting that included an afternoon field trip and an evening dinner meeting. The afternoon field trip was hosted by the Holcim Ravena Cement Plant and Quarry in Ravena, New York, where we started out watching a blast in the quarry before a guided tour through their operations. The evening event was at The



Century House in Latham, NY, and was focused on student and professional networking. Read more about these events in the summaries included from the HMPGA Programs Committee Chair ([Page 38](#)) and the Production Analyst at the Holcim Ravena. *(End)*

Have an idea for a
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incorporate our members' ideas and
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COME ONE, COME ALL! GEOLOGY FIELD DAY

On Friday, April 26, 2024, the Northeast Section AIPG joined forces with the Central New York Association of Professional Geologists (CNYAPG) to host a sold-out Geology Field Day event at Parratt-Wolff's facility in Syracuse, NY! Similar to the previous joint event hosted by these two groups in 2017, Geology Field Day included demonstrations and presentations to students and professional geologists alike. The day was broken into a morning and afternoon session, each with five, 30-minute demonstrations. Five groups of 15 participants cycled from session to session in a surprisingly smooth manner.

Demonstrations and presentations consisted of borehole geophysics (presented by Hager-Richter-Geoscience), slug testing methodology (presented by Gould Groundwater Geosciences and Ramboll), MiHPT direct imaging (presented by S2C2), low flow sampling procedures and PFAS sampling (presented by ERM), well design in unconsolidated aquifers (presented by Ramboll), unmanned aerial systems site reconnaissance (presented by Ramboll), soil logging and classification (presented by Ramboll), an introduction to geotechnical and environmental drilling (presented by National Grid and the USGS), air monitoring PID basics (presented by Ramboll), and modern GPR and utility

Jason Newton (Ramboll) showing his arsenal of drone equipment to folks eager to watch them take flight.



For those seeking professional development hours (PDHs) for their NYS professional geology licensure, this event provided up to five PDHs. One of the great outcomes of the 2017 Geology Field Day we co-hosted was the magnificent attendance by students from local colleges. The 2024 event exceeded the previous student attendance with students coming in droves from Syracuse University, Hamilton College, Hobart and William Smith, Monroe County College, and the SUNY Binghamton, Canton, Cortland, Oswego, and Potsdam campuses!

(Geology Field Day continued on page 53)

Luke Reusser and Sara Hahne (Ramboll) going over the basics of soil classification.



Of the 75 participants, we saw a near equal split between professionals and students! No surprise, during the moments between demonstrations, students and professionals took the time to talk shop, and likely talk opportunities!

Platinum level sponsorships came in from York Analytical Laboratories and Posillico Inc., with a gold level sponsorship coming in from FPM Remediations. Lou Russo (York) and Gregg LaForce (ALS) shared some information to attendees during our lunch period that, in addition to delicious sandwiches from Brooklyn Pickle, also included a short demonstration of groundwater sampling equipment by our friends at Eco Rental Solutions.



Guy Swenson (Ramboll) giving a well thought out presentation on proper well design (above) and Calvin Prothro (CNYAPG) addressing attendees (below).



Now, you can't plan an all-day outdoor event and not spend the many months leading up to the event worried about the weather – especially in Central New York! So, to make this day all that more special, all 75 attendees and nearly 30 presenters/ volunteers enjoyed sunny skies and crisp spring air from start to finish! While cleaning up at the end of the day, more than a few folks asked when this event would occur next. And, to be honest, that was the first time any of the planning committee had a chance to consider it! Later that evening, over a couple of beers and some pizza, it was further discussed and the general consensus was that ... well ... we'll let you know!!

(End)



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(NOM continued on page 63)

Support Our Advertisers and Sponsors!

The Executive Committee reminds all our members to support the companies that advertise in this Newsletter and generously sponsor our meetings. Their support represents a major contribution that helps the Northeast Section continue its mission to promote the profession and build the cornerstone of our Section, the *Angelo Tagliacozzo Memorial Geological Scholarship Perpetual Trust Fund*. It is our advertisers and sponsors who make our Newsletter so successful and well-distributed, reaching more than 600 members across eight states.

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CONCRETE
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January 2024 MEETING MINUTES NE SECTION – AIPG
EXECUTIVE COMMITTEE MEETING

January 9, 2024

Kelly Weyer*	Michael Grifasi*	Lou Russo	Scott Tucker*
Jennifer Rhee*	Trevor Gowan*	Dennis McGrath	Scott Hulseapple*
Laurie Scheuing*	Calvin Prothro	Dick Young	Stacy Stieber
Adam Kaiser	Cheryl Neary	Mitchell Ward*	*Voting Ex-Com Members

Called to order at 4:07 pm

Welcome Statements and Announcements

- ◆ Any suggested additions or edits to the agenda?
- ◆ Announce 2024 ExCom members.
 - ◇ Past President 2023-2024: Jennifer Rhee
 - ◇ President 2023-2024: Kelly Weyer
 - ◇ President-Elect (VP) 2023-2024: open
 - ◇ Treasurer 2023-2024: Scott Hulseapple
 - ◇ Secretary 2023-2024: Mitchell Ward
 - ◇ 2023-2024 At-Large: Scott Tucker, Michael Grifasi, Trevor Gowan.
 - ◇ 2024-2025 At-Large: Stacy Stieber, Laurie Scheuing, Adam Kaiser.

Proposed ExCom meeting schedule. Zoom or in-person. 4pm-6pm. Michael Grifasi will send invites and dates will be included in newsletter

- ◇ Tuesday, January 9
- ◇ Monday, March 4
- ◇ Wednesday April 17, Spring meeting w/HMPGA
- ◇ Monday, July 1
- ◇ Tuesday, September 10
- ◇ Friday October 11, Fall Meeting (date may change, watch for updates)
- ◇ Monday, December 2

Secretary's Report (Minutes):

- ◆ Vote - Discuss and approve September Minutes
- ◆ Michael Grifasi made motion to approve minutes as written. Laurie Scheuing seconded motion. Vote to approve minutes as written passed.

Treasurer's Report

- ◆ Report - December Section and Angelo Fund reports.
- ◆ Treasurer's comments (proposed budget).
- ◆ Vote 2024 Proposed Budget
 - ◇ Discussion of how much to budget for Scholarship awards.
 - ◇ Update budget to reflect removal of Hostway from budget.
 - ◇ Revision of fees in Angelo Fund from 2023 budget. Fees on Angelo fund paid by Section fund.

(Minutes continued on page 58)

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(Minutes continued from page 56)

- ◇ Values for 2023 Spring and Fall meetings switched.
- ◇ Webinar revenue based on completing 4 webinars in 2024, averaging \$615 each.
- ◇ Scott Hulseapple will revise proposed budget based on today's comments. Executive Committee will vote on proposed budget via email after revisions.
- ◆ Ongoing items: File new NJ agent and physical address for ATMGS in 2024; Decision on cancelling Hostway in 2024; Consider opening Venmo or online payment to facilitate payments.

Reports from Committees

- ◆ Scholarship: Committee Chair gives update.
 - ◇ Application in Review by ATMGS Review Committee.
 - ◆ Received 11 applications from 9 schools.
 - ◆ Committee will compile results 1st week of February.
 - ◇ Suggested Awards to be presented to the ExCom and ATMGS BOT in the March ExCom meeting.
- ◆ PDH Webinars Committee
 - ◇ Keep proposed price structure.
 - ◆ Member Registration - with PDH, \$25.00
 - ◆ Non-Member Registration - with PDH, \$30.00
 - ◆ Member Registration - NO PDH, \$20.00
 - ◆ Non-Member Registration - NO PDH, \$25.00
 - ◇ Discuss – 2024 schedule, frequency, topics, etc.
 - ◆ Aim for first meeting in March.
 - ◆ Michael Grifasi in contact with one potential presenter.
- ◆ Publications
 - ◇ Content for 2024 Winter Newsletter – DUE NOW, content to Editor
 - ◇ Update Advertising Sales & Income
 - ◇ Ongoing items - Consider ISSUU subscription for viewing and archiving newsletters (Starter Subscription \$21/month, \$252 Billed once every year. Publish and host unlimited books, upload 500 pages or 100MB per file.).
 - ◆ Not planning to acquire ISSUU subscription.
- ◆ Meetings
 - ◇ Ongoing items - Consider gift for presenters?
 - ◇ Spring in-person meeting – Wednesday, April 17th (third Wed of month) – w/ HMPGA.
 - ◆ Student/Professional Event - Latham NY. Field Trip (quarry), Student Poster Session?, Job Fair?, networking, dinner, presentation.
 - ◆ PDH credits available with field trip
 - ◇ Extra - Spring/Summer - Partner with CNYAPG – Field Days in Syracuse??
 - ◇ Plan social hour following this event
 - ◇ Fall In-person Meeting – Connecticut??

(Continued on page 60)



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(Minutes continued from page 58)

- ◆ Nominating Committee
 - ◇ National Screening Committee – need volunteers to review applications.
 - ◆ Volunteers review CPGs and members applications
 - ◆ Current committee chair interested in stepping down.
 - ◇ Need to fill/extend Northeast Section ExCom positions for 2025.
 - ◆ President, President-Elect (VP), Secretary, Treasurer, 3 At-Large Positions.
- ◆ Student Outreach/Mentoring
 - ◇ Invite personal contacts and communicate info about Spring Meeting.
 - ◇ Possible collaboration with regional geology organizations for campus visits.
 - ◇ Discussion of opportunities for student outreach: Attend NE GSA meetings, present awards to scholarships in person at the students' school, Campus visits. Need volunteers to be chapter sponsors who will manage difficulties with high-turnover of student contacts.
 - ◇ Dormant Student Chapters listed on AIPG website, consider contact or updating info.
 - ◆ City University of New York at Brooklyn College, Brooklyn, New York
Founded in 2018
Chapter Sponsor: Jennifer Becker, MEM; Faculty Sponsor: Matthew Grab
 - ◆ New Paltz State University of New York, New Paltz, New York
Founded in 2017
Chapter Sponsors: Christopher Brown, CPG and Gordon Magenheim, CPG;
Faculty Sponsor: Dr. Shafiu Chowdhury
 - ◆ SUNY Geneseo, Geneseo, New York
Founded in 2015
Chapter Sponsor: Dennis McGrath, CPG; Faculty Sponsor: Nicholas Warner

Correspondence

- ◇ One attendee of November webinar payment
- ◇ Charly Rich screening committee correspondence

Old Business and New Business

- ◇ Anything not mentioned in Officer or Committee reports?
- ◇ Website being updated with 2024 information.
- ◇ Anything else to add?

Closing Statements and Final Thoughts

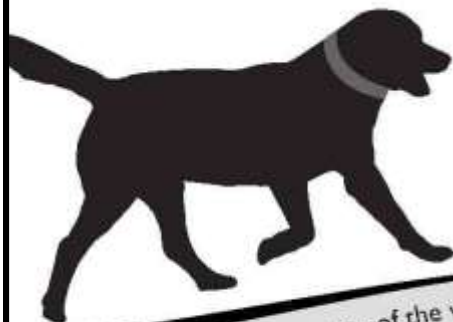
- ◆ Important to portray accurate image of geologists for youth and general population beyond colleges.
- ◆ Kelly to provide slides on AIPG benefits to Calvin Prothro.
- ◆ Next ExCom meeting – Monday, March 4, 2024, 4-6 pm, Zoom.

Meeting adjourned at 6:06 pm.

(Minutes continued on page 70)



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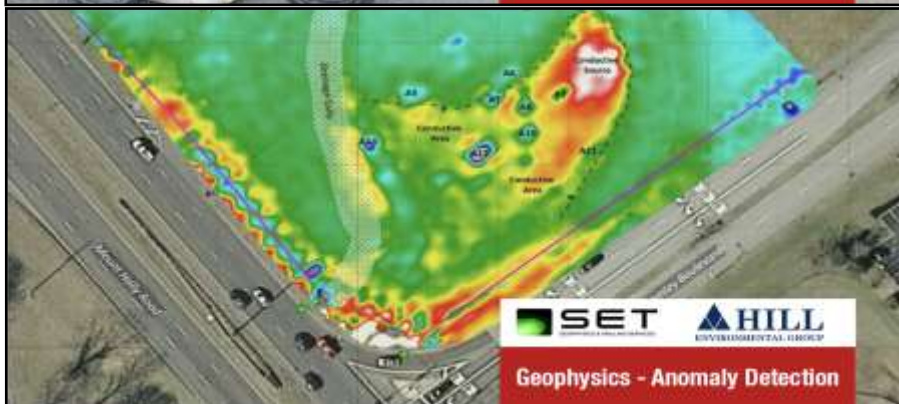
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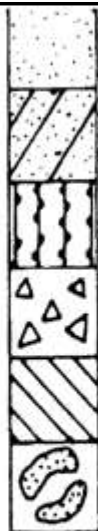
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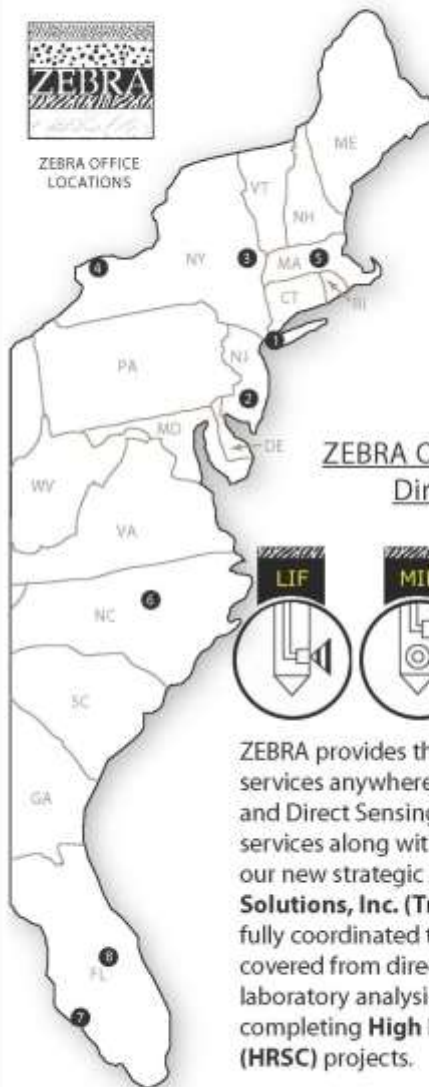
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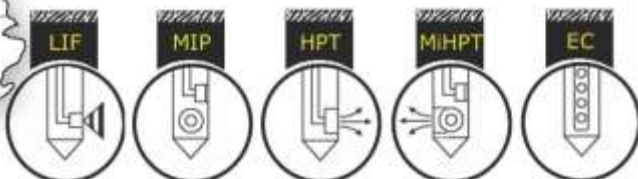
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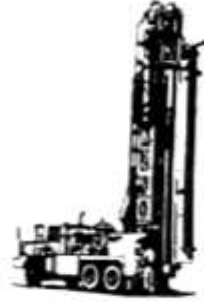
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(Minutes continued from page 60)

March 2024 MEETING MINUTES NE SECTION – AIPG
EXECUTIVE COMMITTEE MEETING

March 4, 2024

Kelly Weyer*	Michael Grifasi*	Lou Russo	Scott Tucker*
Jennifer Rhee*	Trevor Gowan*	Dick Young	Scott Hulseapple*
Laurie Scheuing*	Dennis McGrath	Kim Burger	Stacy Stieber
Adam Kaiser	Cheryl Neary	Mitchell Ward*	Calvin Prothro

Called to order at 4:04 pm

Welcome Statements and Announcements

- ◆ Discussion/Suggestion – instead of next holding ExCom meeting in May, hold less formal meeting/gathering at April 17th HMPGA event. Alternatively, hold meeting at end of April CNYAPG meeting on April 26th. Schedule next ExCom meeting on May 6th.

Secretary’s Report (Minutes):

- ◆ Secretary’s comments: Kelly Weyer noted error to correct in Draft January minutes.
- ◆ Discuss and approve revised January ExCom Minutes. Jen Rhee made a motion to approve minutes as revised. Michael Grifasi seconded motion. Vote to approve revised January meeting minutes passed.

Treasurer’s Report

- ◆ Report - January and February Section and Angelo Fund financial reports.
- ◆ Treasurer’s comments
 - ◇ Vanguard is up ~\$40,000 compared to last year.
 - ◇ Renewed Zoom subscription.
 - ◇ Taxes have been completed for 2023.
- ◆ Ongoing items: File new NJ agent and physical address for ATMGS in 2024; Decision on cancelling Hostway in 2024; Consider opening Venmo or online payment to facilitate payments.

Reports from Committees

- ◆ Scholarship
 - ◇ Seeking committee members to review applications next year. 1-3 members stepping down for next year.
 - ◇ Comments from ATMGS Review Committee. Committee Members: Al Moffitt, Michael Grifasi, Samuel Gowan, Jennifer Rhee, Tom West, and Kelly Weyer (Chair).
 - ◆ Committee recommended awards of \$15,000. Budget indicates \$7,010 from Section Fund.
 - ◇ Discussion of the ATMGS Committee’s Award Suggestion and funding after Committee reports.
 - ◆ Scholarship money will be awarded in mid- to late- April.

(Minutes continued on page 71)

(Minutes continued from page 70)

- ◆ Board of Trustees breakout meeting called to order at 5:10 pm. Scott Tucker made motion for ExCom and Board of Trustees to consider funding \$15,000 of awards, from the following: \$6,000 from Section checking account, \$2,000 from Angelo checking account, and sell shares from Vanguard worth \$7,000. Jen Rhee seconded motion. Vote to seek funds as stated passed.
- ◆ Scott Hulseapple made motion to fund 2024 scholarship awards with \$2,000 from Angelo checking account, and sell shares from Vanguard worth \$7,000. Jen Rhee seconded motion. Vote to apply funds from Angelo and Vanguard as stated passed. Adjourned Board of Trustees breakout meeting at 5:12 pm.
- ◇ Stacy Steiber made motion to fund 2024 scholarship awards with \$6,000 from Section checking account. Scott Tucker seconded motion. Vote to apply funds from Section checking account as stated passed.
- ◆ PDH Webinars Committee
 - ◇ Success on November 28th – Sky Wave (CDM Smith) Amy Kopale & Andrew Reicks. “Leveraging Drones, Remote Sensing, and Machine Learning for Environmental Analysis”.
 - ◆ 14 registered for event. Price Structure below, as agreed in November meeting: Member Registration with PDH=\$25; NO PDH=\$20; Non-Member Registration with PDH=\$30; NO PDH=\$25
 - ◇ Discuss 2024 schedule, frequency (quarterly desired), topics, etc. Opportunity to connect with section outside of NY (e.g., state regulator speaker). Establish PDH awards for attendees in states other than NY.
- ◆ Publications
 - ◇ Requests for content for 2024 Spring Newsletter – March 15, content to Editor
 - ◇ Update Advertising Sales & Income
 - ◆ Total to-date received for advertising in 2024: \$3,940, includes \$2,015 not yet deposited.
 - ◇ Consider ISSUU subscription for viewing and archiving newsletters.
- ◆ Meetings
 - ◇ 2024 Spring/Fall Meetings
 - ◆ 4/17/24 Wednesday - Spring in-person meeting w/HMPGA.
 - Afternoon: Field Trip to Holcim Ravenna Cement Plant and Quarry (3PDH) \$25, \$10. 12:30 pm-3:30 pm.
 - Evening: Student/Professional Event, The Century House, Latham NY.
 - * Student Poster Session, Professional Networking, dinner, technical presentation (1PDH pending).
 - * Evening event/dinner/PDH: \$50/member, \$70/non-member, \$10/student.
 - * Evening event/dinner/no PDH: \$40/member, \$50/non-member, \$10/student.
 - * Students presenting a poster are admitted free.
 - ◆ 4/26/24 Friday - In-person field demonstration Geology Field Days w/ CNYAPG, Syracuse, NY.
 - 8am-5pm - Early Registration (3/29) \$100/member, \$130/non-member, \$20/student. \$50 extra for 5 PDH certificate
- ◆ Nominating Committee
 - ◇ Need to fill/extend Northeast Section ExCom positions for 2025. President, President-Elect (VP), Secretary, Treasurer, 3 At-Large Positions. Target date for nomination deadline – July 1, 2024.
 - ◇ Section Screening Committee – need volunteers to review applications.
 - ◇ Scholarship Committee, and other committees need members.

(Minutes continued on page 75)



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(Minutes continued from page 71)

- ◆ Student Outreach/Mentoring/Student Chapters
 - ◇ Need to contact previous chapters to determine interest.
 - ◇ Dormant Student Chapters listed on AIPG website – need to update or remove information. Kelly Weyer to reach out to listed sponsors.
 - ◇ Dormant Student Chapters listed on AIPG website.
 - ◆ City University of New York at Brooklyn College, Brooklyn, New York
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Faculty Sponsor: Matthew Grab
 - ◆ New Paltz State University of New York, New Paltz, New York
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Chapter Sponsors: Christopher Brown, CPG and Gordon Magenheim, CPG;
Faculty Sponsor: Dr. Shafiul Chowdhury
 - ◆ SUNY Geneseo, Geneseo, New York
Founded in 2015
Chapter Sponsor: Dennis McGrath, CPG; Faculty Sponsor: Nicholas Warner
 - ◇ Possible collaboration with regional geology organizations for campus visits.

Correspondence

- ◇ Industry Partner Agreement with New Jersey Licensed Site Remediation Professionals Association (LSRPA) to advertise their New Jersey Site Remediation Conference (NJSRC) on Tuesday 4/2 and Wednesday 4/3 2024. In return, AIPG members receive a discounted registration (\$200 through 4/1, \$250 4/2 and 4/3, a savings of \$125 or more from the non-member rate).
 - ◆ LSRP conference is on April 3 and 4., which is before the newsletter will be published. So, we will announce to the section via email
- ◇ Any Correspondence?

Old Business and New Business

- ◇ Website is being updated.
- ◇ Anything not mentioned in Officer or Committee reports?
- ◇ ATMGS Committee Suggested Awards. NE-AIPG ExCom and ATMGS BOT discussed and voted.
 - ◆ Vote - ExCom voted on a motion for the ATMGS Board of Trustees (BOT) and ExCom to consider, discuss, and vote on the final Award amounts and funding, based on the committee's suggestion and the ExCom discussion.
 - ◆ Vote - ATMGS BOT breakout meeting - discussed suggested Award amounts and funding that ExCom proposed on the floor, and moved to a vote.
 - ◆ Vote - NE-AIPG ExCom reconvened for final Award discussion and vote, based on ATMGS
 - ◆ Committee Suggestions, BOT decision, and ExCom Member input.

Closing Statements and Final Thoughts

- ◆ Considering ability to hand-deliver checks for scholarship awards.
- ◆ ExCom needs to prioritize making progress on tasks that have stagnated, and finding additional resources.
- ◆ Next ExCom meeting – Monday 5/6, 4-6pm, Zoom.

Adjourned meeting at 5:44 pm.

(End)



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CONFERENCE SCHEDULE

Monday, November 11

2:00 pm-4:00 pm Annual Member Meeting

6:00 pm-8:00 pm Ice Breaker Reception

Tuesday, November 12

7:00 am - 8:00 am Breakfast

8:00 am - 5:00 pm Technical Presentations

5:30 pm - 8:30 pm Optional Dinner Program

8:00 am-12:00 pm Field Trip - Mineral Waters of Saratoga Spring

Wednesday, November 13

7:00 am - 8:00 am Breakfast

8:00 am - 5:00 pm Technical Presentations

8:00 am-12:00 pm Field Trip - Albany Pine Bush

ANNUAL MEMBERSHIP MEETING

Join the NYSCPG Board of Directors for the Annual Membership meeting from 2:00 pm to 4:00 pm on Monday, November 11. Discussions will include the current state of the organization and the profession in New York, where the organization plans on improvements for the near future, and how you can help. Members and potential members are encouraged to attend.

CONFERENCE ASSISTANCE

John Nadeau | Executive Director

Phone: 518-579-6580

Email: Jnadeau@nyscpg.com

Matt Pugliano | ASM

Phone: 518-579-6580

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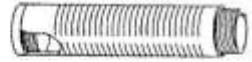
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LIAPG Field Trip to the NY Botanical Gardens in Bronx, NY, on April 6, 2024



Top Left: Dr. Charles Merguerian and J. Mickey Merguerian explaining features to the group.

Middle: The group on rocks.

Bottom: The LIAPG Group photo.





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NE-AIPG 2024 PUBLICATION SCHEDULE

Winter Newsletter

January	8	Deadline (Material to Editor)
January	19	Content to Publisher
February	5	E-mail to Members

Directory of Members

February	5	Deadline (Material to Editor)
March	8	Content to Publisher
April	8	E-mail to Members

Spring Newsletter

March	15	Deadline (Material to Editor)
April	1	Content to Publisher
April	15	E-mail to Members

Autumn Newsletter

July	19	Deadline (Material to Editor)
August	9	Content to Publisher
September	3	E-mail to Members

Holiday Newsletter

October	4	Deadline (Material to Editor)
October	18	Content to Publisher
November	4	E-mail to Members

**Please Email News, Info, & Articles
to Kim Burger: kburger@rouxinc.com**

**For Advertising Rates & Info, Please Contact
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*Cell 203.627.8085***

**ANGELO TAGLIACOZZO MEMORIAL
GEOLOGICAL SCHOLARSHIP TRUST FUND
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On This List?***

Solve it!

***Simply see Pages 73-74
and then***

Move into Action!

Celebrating 38 Years of Scholarships!

The Angelo Tagliacozzo Memorial Geological Scholarship

The Angelo Tagliacozzo Memorial Geological Scholarship was established by the Northeast Section of the American Institute of Professional Geologists in late 1986. The first Scholarships were presented to undergraduate Geology students in 1987.

The ATMG Scholarship recognizes the dedicated leadership and service which Angelo provided to NEAIPG, to AIPG, and to the geological profession, until his untimely passing on October 11, 1986. The Scholarship furthers Angelo's goal of acquainting young geologists with AIPG and with AIPG's importance to the geological profession.

ANGELO TAGLIACOZZO (1936 - 1986)

Angelo Tagliacozzo received his doctorate in Geology from the University of Rome (Italy) in 1962. Thereafter, he worked in various positions as geologist, geophysicist, and hydrogeologist, which included assignments abroad, in the U.S., and with the United Nations. Angelo provided exemplary service to AIPG at the Section and National levels. He was a Northeast Section Executive Committee Member (1973- 1982), Vice President (1977-1978), President (1979-1980), National Advisory Board Delegate (1981-1982), and Screening Board Chairman (1984-1986). Angelo's dedication to and leadership of the Northeast Section Screening Board has become the ultimate standard against which service in such a position is measured. Angelo also served as an AIPG National Executive Committeeman (1982); he was a vigorous advocate of measures to increase professionalism. Angelo was (and will always be remembered as) a respected professional... and a friend to many.

THE SCHOLARSHIP

NEAIPG grants Scholarships to undergraduate geology students annually. The Scholarships are designed to help with the cost of summer field courses, textbooks, and other aspects of geological education. Scholarships are awarded, on academic achievement and on financial need, to students enrolled in recognized geology programs at colleges or universities located in Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, Vermont.

YOUR CONTRIBUTIONS

Your participation is encouraged in support of this dynamic memorial to Angelo and his recognition of the importance of AIPG to the geological profession. Contributions to the Scholarship Perpetual Trust Fund should be written to:

The Angelo Tagliacozzo Memorial Geological Scholarship Trust Fund, Inc.
and mailed to:

NE/AIPG Geological Scholarship Trust Fund
c/o Scott Hulseapple
679 Plank Rd, Clifton Park, NY 12065

Alternatively, you can **make your Contribution RIGHT NOW ONLINE**, by simply going to <https://ne-aipg.org/> and clicking "Donation To Scholarship Fund" (under "Quick Links" on the home page).

All Contributions are invested perpetually, with earnings thereon used solely for the Scholarship. NE/AIPG bears all costs of administration. Please ask your employer about matching your tax-free contribution, and additional corporate contributions.

For further information, contact Kelly Weyer:

[**neaipg.atscholarship2@gmail.com**](mailto:neaipg.atscholarship2@gmail.com)

Memorandum

To: Kelly Weyer, Chairperson, ATMG Scholarship, Northeast Section, AIPG

From:

Date:

Re: *I'm Taking the Pledge: I'M IN FOR 2024!*

Dear Kelly,

This year, I am 100% with you when it comes to achieving the Section's goal of 100% participation in support of the ATMG Scholarship Perpetual Trust Fund in 2024!

I agree with your encouragement that **each and every Section Member make a contribution in accordance with their ability!** Affordable donations from many members, can show a stronger and more united support for the future of our profession and aspiring geologist, rather than relying on the generous support from a few members.

To show my support toward the profession of Geology and encourage aspiring Geologist, you can count me in FOR 2024!

I am committed to contributing, as much as I can, **to give back to the profession that has given me so much. I'M IN FOR 2024**, and I am considering a **tax-free donation** equivalent to \$35 a Week, \$35 a Month, or \$35 for the Year!

Also, I just wanted to tell you I am delighted to know that every one of those hard-earned dollars that I contribute will be INVESTED in the Scholarship Perpetual Trust Fund, so my contribution today can keep on giving, year after year! That makes me feel like my contribution really means something, both now and in the long term!

I have thought it over, and **I know how important 100% participation is to make significant impacts in the lives of aspiring geologists!** So, Kelly, I'M IN FOR 2024, as indicated below.

If I want to add another tax-free donation later in the year, or if I want to pay this donation online, I know that I can visit the Section website at <https://ne-aipg.org> and make a donation at any time.

Professionally yours, _____

At this point in 2024, I am pledging the amount indicated below, and I will provide payment via check, or will pay online at <https://ne-aipg.org/>. I indicated my donation amount and payment method below with an "x" on the appropriate statements:

____ \$35 a Week (\$1820 for 2024)

____ \$35 a Month (\$420 for 2024)

____ \$35 a Year (\$35 for 2024)

____ I pledge to donate the amount of \$_____ (I know that a little bit is better than nothing!)

____ I have physically mailed this letter to you and enclosed my check, made out to "The Angelo Tagliacozzo Memorial Geological Scholarship Trust Fund, Inc."

____ I have emailed you this letter, and I will pay the donation online. If my payment is not received within 30-days of receiving this letter, please invoice me and I will agree to pay as soon as possible, and no later than by 12/1/2024.

Signed: _____

Name Printed: _____

Address: _____

Email Address: _____

Mail this Pledge to: NE/AIPG Geological Scholarship Trust Fund,
c/o Scott Hulseapple 679 Plank Rd, Clifton Park, NY 12065

- or -

Email this Pledge to: NE/AIPG Geological Scholarship Trust Fund,
c/o Kelly Weyer, neaipg.atscholarship2@gmail.com