

# AMERICAN INSTITUTE OF PROFESSIONAL GEOLOGISTS

## Northeast Section **NEWSLETTER** Holidays 2021

*As published on 11/19/2021*

**Angelo Tagliacozzo Memorial Geological Scholarship  
35th Year Retrospective ([Page 22](#))  
By Dennis McGrath**

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**It is "Off to the Salt  
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**Real Life, Positive  
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**News of Members  
([Page 58](#)) and  
On Sail: The  
Frederick Family  
Voyage ([Page 60](#))**

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# AIPG NORTHEAST SECTION NEWSLETTER HOLIDAYS 2021 EDITION No. 166

**PUBLISHED BY THE NORTHEAST SECTION OF THE AMERICAN  
INSTITUTE OF PROFESSIONAL GEOLOGISTS**

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*(Executive Committee continued on page 7)*



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**2022 EXECUTIVE COMMITTEE MEETING SCHEDULE:**

January 10<sup>th</sup>

March 8<sup>th</sup>

May—Spring Meeting, TBA (Second week in May)

July 11<sup>th</sup>

September 12<sup>th</sup>

October—Fall Meeting, TBA (Second week in October)

December 5<sup>th</sup>

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

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## Presidential Ramblings HOLIDAYS 2021

*By President Jennifer Rhee*

Greetings Northeast Section,

I wanted to take the time and thank everyone who came out for the Northeast Section Fall 2021 Meeting, hosted in person at Growler and Gill (Nanuet, New York). We had a great turn out, and I want to especially acknowledge those who traveled far to attend. I also wanted to give a huge thank you to our contributing sponsors, including York, Pine, Posillico, and Regenesys, as well as Kelly Weyer for planning the event.

*(Ramblings continued on page 19)*



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# THE WIELICZKA Salt Mines

By Mike Greenman, CPG-10441

I was recently reading a thriller by Steve Berry called *The Warsaw Protocol*. Much of the action takes place in the Wieliczka Salt Mines near the Polish city of Krakow in the south of the country. A few years ago, I was on a trip to visit Poland and Berlin as part of a heritage tour. Most of my family originally came from an area that was sometimes Poland and sometimes Russia. They left in 1905 to escape the tsarist pogroms (an organized massacre of a particular ethnic group, in particular that of Jewish people in Russia or Eastern Europe.).



*(The Salt Mines article continued on page 13)*

*(The Salt Mines article continued from page 12)*

Unfortunately, the region also contains the Nazi concentration camp of Auschwitz-Birkenau, which plays into the history of the mines.

The Wieliczka salt mines were listed as one of the first UNESCO, World Heritage sites. Mining was started in the 13th century and continued until 2007. In the past, salt was a valuable commodity, especially as a means of preserving food. The salt supported much of the Polish economy for much of that time. The phrase, “not worth your weight in salt,” is derived from the Roman equivalent, as well as our word “salary” is from the Latin “sal” or salt. A salarium was money the Roman soldiers would use to buy salt and other valuables.

The mine was eventually closed in 2007 due to lower salt prices and flooding a portion of the mine. It is now open to the public as a tourist attraction. The mine reaches a depth of about 1100 feet below ground surface. There are 178 miles of passages and chambers.

During the Nazi occupation in WW II, the Germans set up the mine as an armaments factory with several thousand Jews used as forced labor. However, the factory was never opened since the Russians were driving west through the area in 1944 and the Germans fled.



*(The Salt Mines article continued on page 14)*

*(The Salt Mines article continued from page 13)*

The origin for the salt was a large evaporate deposit formed 14 million years ago in a large lake surrounded by meadows and forests. Grass and pine cones can be found embedded in the salt that has been mined. As the Carpathian Mountains to the south rose up, along with volcanic activity and earthquakes, the rocks were faulted and intensely folded, which interspersed some of the country rock in with the salt.



The salt was discovered by locals as briny springs that broke the surface. They would boil off the water and be left with the pure salt. Eventually, shafts were dug; however, early mining could not go too deep and was severely limited, since

all work was done by human labor. In time, horses were used to do some of the work.

The upper levels of the mine are a blocky, almost pure salt. The lower unit is highly folded with other rocks mixed in. Since the salt is very stable, large high chambers are cut into the formation. One of these chambers has been cut into a huge chapel with carvings cut directly from the salt on the walls.



fat. R. Stachurski

Bottom photo courtesy of [kopalniawieliczka.eu](http://kopalniawieliczka.eu)

*(The Salt Mines article continued on page 16)*



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*(The Salt Mines article continued from page 14)*



There are also several smaller side chapels. The miners were also artisans, and the mine is dotted with sculptures that were carved in place. Most of the sculptures are of a religious nature since the miners were very pious in a very Catholic country. The sculptures have lasted for centuries, since the mine is kept dry, with good ventilation throughout. There are some underground lakes on the lower levels as well.

Displays throughout the mine show the mining techniques used through the centuries. Many of the miners stayed in the mines for months, since it took a long time to leave and return, and they would endure long shifts. Animals sometimes never came out of the mines, which is similar to the coal mines of eastern Pennsylvania.

The tour meanders for approximately 2 miles, with wooden stairs connecting the levels. Exit from the mine is through the obligatory gift shop, where you pick up a sample of salt, if one didn't find its way into your pocket along the way.

*(The Salt Mines article continued on page 17)*

*(The Salt Mines article continued from page 16)*



Bottom photo courtesy of Poland.pl

*(End)*

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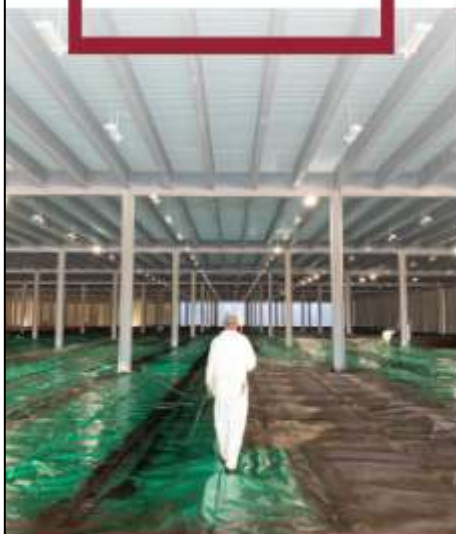
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*(Ramblings continued from page 11)*

I am happy to report that the Zoom short course “The Use of Unmanned Aerial Vehicles in Environmental Site Characterization” presented by New Jersey’s Meadowlands Environmental Research Institute was a well-attended success. Thank you to Bob Blauvelt for MCing and coordinating the event that was nearly two years in the making. I have also received feedback from some folks unable to attend who would be interested in future short courses and in-person meetings. Our focus in the coming year will be to reengage the Section and provide more opportunities for in-person meetings when/where we can. We also have a seat open on the NE Ex-Com for an at large member. Anyone interested in getting more involved please reach out to me anytime ([president@ne-aipg.org](mailto:president@ne-aipg.org)).

I often discuss my upcoming travel plans that have a geology component, however, I decided to shake things up a bit this month. I remember when I was younger, I always had an interest in fossils and rocks. I was convinced that every egg-shaped rock, no matter the size, held a dinosaur fossil, and I would spend countless hours attempting to break them open in my driveway. I recall starting a rock collection and trying to involve the neighborhood kids in my new interest, which never led anywhere. Even at a very young age, I would constantly grab pebbles and scatter them throughout the house. It was no surprise to any of my family that I ultimately became a geologist.

Recently, my son has been doing much of the same. Every day when he plays outside, he will grab rocks and shove them in every pocket. He will sit down and sort all of them, bringing the “treasured ones” inside to place in toy bins, couch cushions, and in his kitchen playset. I love watching him enjoy the outdoors and find it funny that history often repeats itself, with a little influence on my part.

I hope you enjoy this fall weather and get outside as much as possible before the snow hits. As always, please reach out if you have any trips or geology-related stories you would like to share with the Section, which we will gladly include in our next Newsletter.

Have a happy holiday season!

Jennifer Rhee

*(End)*



By Faith Renner,  
Hofstra University,  
a 2021 Angelo Tagliacozzo  
Memorial Geological  
Scholarship Recipient

I just read the Autumn Newsletter and saw the piece on Angelo Tagliacozzo. I was blown away to learn so much more about his determination, compassion, and joy in his work. To read about the kind of person he was, beyond the kind of geologist he was, and to see the photographs of him in action renewed how honored I was to be able to receive his memorial scholarship back in March.

I wanted to share how far I was able to expand my geologic career from this award. As you'll see from the photos attached, this award was able to help me accomplish a number of amazing academic and personal goals that I otherwise would not have been able to. As intended, I was able to get a new laptop that was suitable for powerful mapping and coding programs: programs that were essential for the work I did in Greece over the summer. Across Santorini, Nisyros, Korinthos and Milos, I was able to work with Hofstra and perform analysis of the periodicity of fumarole and soil temperatures at the volcanoes. It was a life-changing experience, both personally and academically.



*(Thank You continued on page 28)*



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## **Angelo Tagliacozzo Memorial Geological Scholarship 35th Year Retrospective**

**By Dennis McGrath**

### **Part 4: A Path Forward**

*As described in the Winter 2021 Newsletter, this year marks the 35th anniversary of the Angelo Tagliacozzo Memorial Geological Scholarship Trust Fund. This article is the fourth and final article (one article published in each of the previous 2021 Newsletters) to commemorate this milestone event. Looking back on the past 35 years, we have attempted to highlight the progress made and many of the accomplishments achieved in the Scholarship program (refer to Parts 1 and 2 in the Winter 2021 and Spring 2021 Newsletters, respectively). Part 3 provided an updated profile of Angelo Tagliacozzo (Autumn 2021 Newsletter). What we would like to do in Part 4 is to break out the crystal ball and look forward. Where can this program go in the future? How can the Trust Fund continue to grow?*

*Before we peer into the future, we want to add several postscripts to the Part 3 profile of Angelo from three additional Northeast Section members. The first is another Angelo memory; the second from a recent Scholarship recipient; and finally, a comment from the primary author of the profile.*

*Art Becker (CPG-09001) and Angelo briefly worked together at Dames & Moore in the 1970s. Art does not specifically remember working on any projects with Angelo, but he does remember knowing and occasionally speaking with a very charismatic individual. Angelo made quite an impression because Art can hardly remember anyone else with whom he worked at Dames & Moore except Angelo.*

*Elsewhere in this Newsletter ([page 20](#)), we have published a message (with attached photos) from Faith Renner (SA-10474). Faith is a recent Scholarship recipient who read the Angelo profile in the Autumn 2021 Newsletter. In her message, Faith describes how moved she was upon learning about Angelo's character. She also describes all the things the Scholarship has enabled her to do. If you have not already read Faith's message, please go to pages [20](#), [28-29](#).*

*(35th Anniversary continued on page 23)*

*(35th Anniversary continued from page 22)*

*In preparing the Part 3 profile and assembling Angelo's career path, it became apparent to Dennis McGrath (CPG-08575) that Angelo's career and his own were much closer than he previously realized. While both worked at Dames & Moore, Dennis never realized they worked there at the same time and from the same office (Cranford, NJ). Dennis does not ever remember meeting Angelo, but allows for the possibility that they may have passed each other in the hallways or in the parking lot. As Chair of the Scholarship Committee for a long time, the Scholarship program has been a priority to Dennis, but discovering this connection has somehow made that commitment even more meaningful.*

*Since the Scholarship program began, one of the first and primary objectives has been to get 100% of the Northeast Section members to support the Scholarship concept and to make a financial contribution to the Trust Fund on a continuing basis. Wonderfully and remarkably, the reality quickly expanded to include employers of Northeast Section members, as well as friends and family of Angelo. The Northeast Section itself has been the largest single supporter contributing to the Trust Fund in multiple ways (refer to Part 2 for specific details). There have been numerous fund drives over the years to increase the number of members actively contributing to the fund. While attaining 100% participation has proven to be a very elusive goal, we have been successful in getting contributions from over 170 sources. All the current and former fundraising methods have been successful, so we will continue to do what has worked in the past, but we are also constantly looking for new methods. In the following paragraphs, we would like to outline one idea of where to go in the future.*

*Individual support and contributions from our members have been and continue to be the life blood of this Scholarship program. This concept is so important, we are going to repeat something that appeared in Part 2. "If your name is not already on the List of Contributors that appears at the end of this Newsletter, please consider making a contribution and help us move a little closer to achieving that elusive goal of 100% participation by Northeast Section members. No donation is too small (historically, we have received individual contributions of \$1, \$5, and \$12). If your name is already on the list, consider making another contribution that might move you into the next higher donor category. If you want to contribute in other ways, please consider serving, now or sometime*

*(35th Anniversary continued on page 24)*

*(35th Anniversary continued from page 23)*

*in the future, on the Scholarship Committee. If you are interested in obtaining more information on membership on the Scholarship Committee, please let one of us know."*

*Generosity can come in many forms, so we would like to suggest adding Planned Giving to the menu of Scholarship contribution methods. Many large charities and medical research institutions employ this method to give individuals a means to support the important causes that matter most to them. As we all learned, or re-learned, reading the Part 3 profile, Angelo was constantly employing innovative and creative means to inspire and motivate others in the practice of geology. Our thought is to provide a means for all of us to emulate Angelo's attitude and behavior. One way to do that would be to include the Angelo Tagliacozzo Memorial Geological Trust Fund in your Will. This would help ensure the continued growth of the Trust Fund and create a legacy of your support for aspiring geologists.*

*As we look to the future, the many Northeast Section members who are (and remain) deeply committed to the continued success and growth of the Angelo Tagliacozzo Memorial Geological Scholarship continue to*

*(35th Anniversary continued on page 27)*



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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 (Russ Slayback, 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*." Confidentiality, to maintain the element of surprise in honoring the Recipient and his/her long service, is a cornerstone concept of the Slayback Awards.

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.

*(End)*



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*(35th Anniversary continued from page 24)*

*consider and to develop new and creative ways to raise resources for the Scholarship Perpetual Trust Fund. During 2021, the Northeast Section Executive Committee established a new sub-committee of Geologists dedicated to accomplish the foregoing. Their founding mandate was that “all options are on the table.” Those options cover a broad spectrum, including solicitation of support from individuals and foundations (thanks to Jean Patota), sponsoring Short Courses (like the highly successful one on Drones that Bob Blauvelt created in 2021), golf outings, online auctions, etc. Please do not hesitate to reach out to Kelly Weyer and the ExCom with your suggestions.*

*Regardless, of how familiar you may or may not be with the Angelo Tagliacozzo Memorial Geological Scholarship, we hope that everyone has enjoyed reading this series of articles on the Scholarship program. We welcome comments and/or questions. If you missed any of the earlier Newsletters, they are all posted on our web site ([www.ne-aipg.org](http://www.ne-aipg.org)). In addition, we will soon post each of the four articles on the Scholarship Information page on the web site. This will ensure that all this information is readily available, both to Northeast Section members, as well as to new student members interested in applying for the Scholarship.*

*(End)*

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*(Thank You continued from page 20)*



*(Thank You continued on page 29)*

*(Thank You continued from page 28)*

Additionally, this scholarship was able to fund SCUBA lessons, as originally intended, and cover some application fees for graduate school. After this year off, improving my resume and CV with these experiences, I intend to get back into the classroom come Fall 2022. I still hold to the long-term goal of becoming a professor--something that Angelo I think would have related to, seeing his desire to always encourage and teach others in our field. Plus, reading about his support of women in this work is something that I am proud to be emblematic of.

I could never have anticipated one scholarship to carry me so far: to upgrade my laptop, book me a flight to Greece, to train me in SCUBA diving, and, lastly, to send my best to the best schools I could think of. To read about the man who created this opportunity for me, and that led to so many more, moved me to extend my thanks, once again, and testament to how impactful this scholarship and organization is to rising geologists like myself.

I hope to remain in touch with you and NEAIPG, and thank you again.

Best,



*(End)*



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# NE/AIPG FALL MEETING

On Wednesday, October 13, 2021, the Northeast Section of the American Institute of Professional Geologists held an in-person Fall Meeting, and it was a great event!

For a mid-October evening, the weather seemed perfect, and everyone seemed to agree that it was nice to meet in-person again, and they are looking forward to the potential of continuing with exciting field trips and events in the future.

This event strayed from the typical format of a field trip followed by dinner and a presentation, and instead was a tented outdoor Happy-Hour style event with conversation, drinks, and light fare. The social hour was followed with a presentation by Dr. Braddock Linsley, a research professor at the Lamont-Doherty Earth Observatory (LDEO) campus of Columbia University.

Around 20-25 geologists began arriving at Growler & Gill in Nanuet, New York, as the sun was still shining around 4:30pm. At around 5pm, light fare was served and remained available for the event. As the sun was starting to drop towards the horizon, Jennifer Rhee and Kelly Weyer approached the front of the room for Section Announcements, to acknowledge the meeting Sponsors, and to introduce Dr. Braddock Linsley.

As the sun lowered on the horizon and the backdrop darkened, the sound of the insects in the distance became noticeable and Dr. Linsley took our attention, while he presented research on

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*(Fall Meeting continued from page 34)*

analyzing cores of corals to help determine and understand past climate fluctuations.

One challenge many researchers encounter in sampling is obtaining a complete record of a particular phenomenon that is sensitive enough to analyze and correlate parameters of interest. In search of annually resolved records that are sensitive to climatic phenomenon in the Pacific, which can extend sea surface temperature and salinity beyond instrumental records that only go back to about 1860s and can be used as a proxy for water depth and river runoff, Dr. Linsley looked to corals in the Pacific and Indonesia.

Corals analyzed in the study appeared to grow at a rate of ~1cm per year, and some displayed annual density bands. Both the annual density bands, obtained from x-rays of slabs cut from the cores, and geochemical tracers were looked at in this study.

Divers collected cores of corals, with the intent of collecting and recreating a continuous sample. The hard, stony aragonite parts of



**Image of a large coral colony.**

*(Fall Meeting continued on page 37)*

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**Image of divers obtaining core from a large coral colony.**

Before analysis was performed on the cores, the samples need to be split lengthwise. This required that the individual segments of each coral core were aligned at the break points, and labeled so the lengthwise cut through the cores aligned between sections.

Small drill bits were used to pulverize the coral aragonite and collect samples for geochemical tracer analysis at the Stable Isotope laboratory at the Lamont-Doherty Earth Observatory. Thin slabs of the cores were cut and x-rayed to generate images of the internal structure and growth patterns.

**Image showing X-ray of coral slab showing annual density bands**



*(Fall Meeting continued on page 42)*



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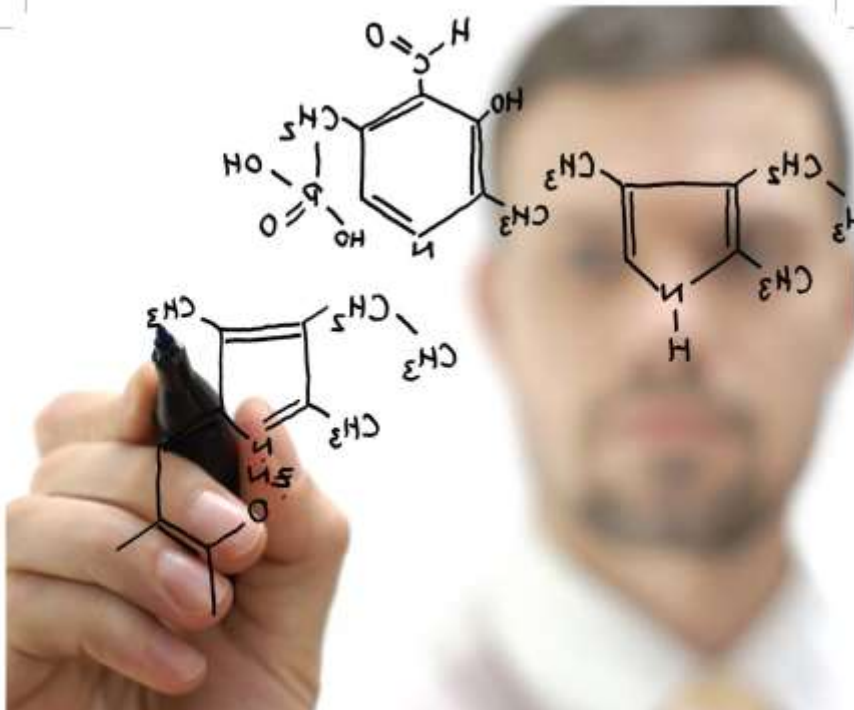
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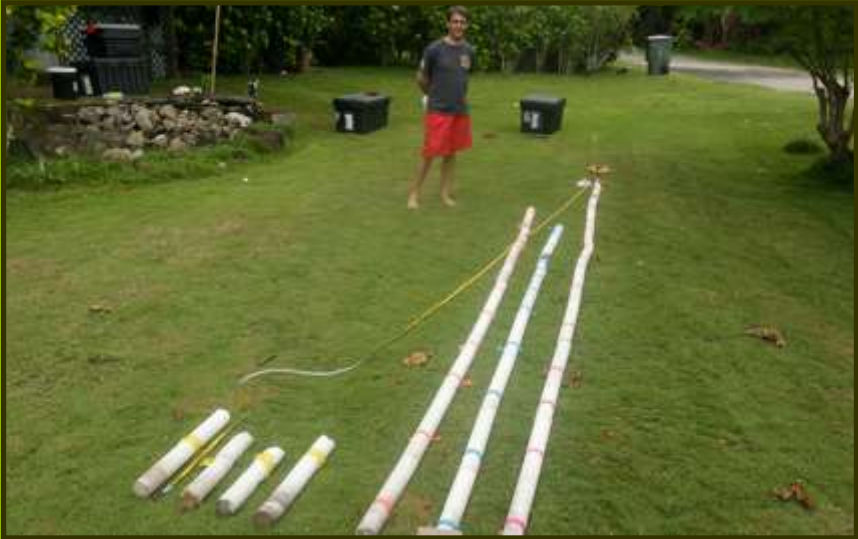
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**Image of Dr. Linsley and coral cores aligned.**



There were many outcomes and ongoing analysis as a result of this research. Results highlighted in this presentation indicated Oxygen ( $d18O$ ) and Carbon ( $d13C$ ) Isotopes and Barium/Calcium ( $Ba/Ca$ ) ratios correlate to historic instrument records for temperature and salinity, photosynthesis and water depth, and river run-off introduction nutrients to the system. These proxies can be used to extend the inferred climatic record beyond instrumental records. For more details or information on Dr. Linsley's research visit the LDEO website at [https://www.ldeo.columbia.edu/~blinsley/Dr. B. K. Linsley](https://www.ldeo.columbia.edu/~blinsley/Dr._B._K._Linsley).



**Image of  
Dr. Braddock K.  
Linsley**

*(Fall Meeting continued from page 42)*



**Dr. Linsley presenting at the meeting.**

*(Fall Meeting continued on page 44)*



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(Fall Meeting continued from page 43)



THANK YOU TO OUR SPONSORS:



And a special thank you to all our  
members who joined us for the  
in-person Fall Meeting!

We waited so long to get together again,  
and we were quite pleased to have such  
an abundance of wonderful geologists.

**Thank you!**

(End)

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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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# NYSCPG NEWS & UPDATES

The NYSCPG received approval from the New York State Education Department (NYSED) on September 20, 2021 as an entity authorized to approve providers of continuing education for professional geologists. Our next steps are to form a committee responsible for evaluating instructors that offer courses of study or other continuing education activities and then solicit applications for continuing education courses.

As a reminder, the continuing education bill for geologists, engineers, and land surveyors was signed into law in November 2020 and takes effect on January 1, 2022. The law will require professional geologists to complete thirty-six hours of continuing education during each triennial registration period.

Please see attached letter from NYSED.

Best,  
New York State Council of Professional Geologists

[2021-09-20 - NYSCPG Approval Entity for Geology CE.pdf](#)

*(End)*



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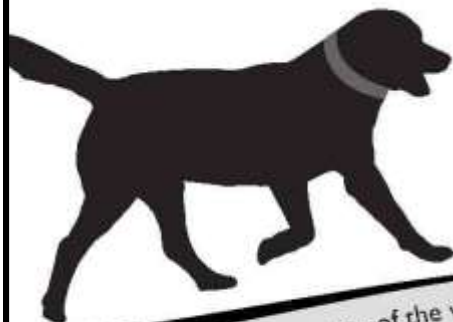
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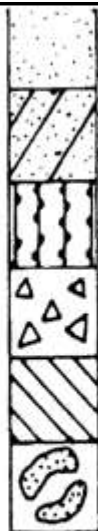
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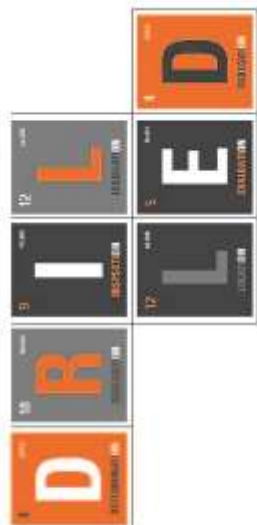
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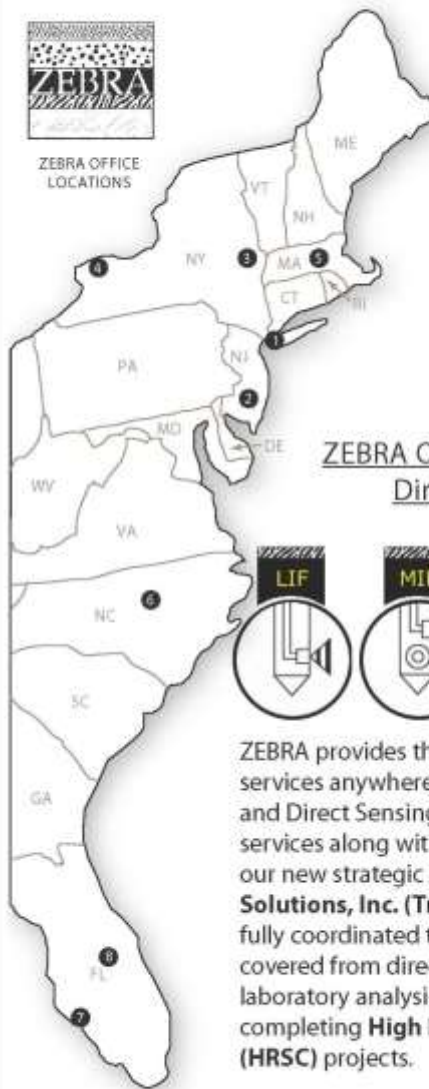
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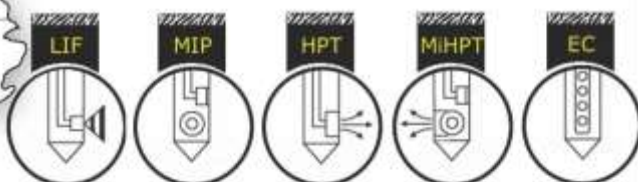
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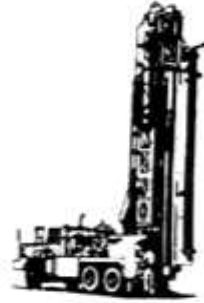
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## News of Members

What have our members been doing during the pandemic?  
Read on to find out!

**Past President  
Michael G. Grifasi,  
CPG-11489  
PG (WA, NY)**

“After 11 great years at FPM Remediations, I’ve decided to take the next leap! This November I’ll be starting at Ramboll, right here in Syracuse, as a Senior Geologist/Project Manager. I’m looking forward to new faces and a significantly reduced commute!”

Good luck, Michael!

**Member-at-Large  
Mitchell Ward,  
Geologist/  
Environmental Scientist**

Work has picked up dramatically in environmental consulting! My impression is that we are playing catch up after a lull during the height of the pandemic, and compensating for manpower shortages. If anyone is looking to break into the field, now is a great time for it. Are others noticing the same outside of consulting?

*(News of Members continued on page 59)*



**President-Elect  
Kelly A. Weyer,  
CPG-11826**

Kelly Weyer (CPG-11826) is thankful for a busy, productive, and mostly pleasant summer field season. Like everyone else, she is preparing for the cooler months to come. In addition, as the acting Chairperson for the Angelo Tagliacozzo Memorial Geological Scholarship (ATMGS) program, she is monitoring the open and active application process for this year. The online application went live in mid-September 2021 and will close on December 9, 2021. If you haven't already done so, we hope you consider donating to the ATMGS Perpetual Trust Fund (see [pages 81 & 82](#)) to ensure the program designed to support future geologists can continue to thrive and do a much good as possible.

**Let us know what YOU  
have been doing!  
Contact Dick Young at  
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# THE FREDERICK FAMILY VACATION 2021

By Jeffrey Frederick, Member At Large

Decidedly un-geologic, but absolutely the crown-jewel of our year. We had been talking about a two-week sailing trip for years, but we also had our two young boys to consider, and our youngest was only two last year...not quite ready for an extended cruise. OK, maybe the adults weren't ready to take a two-year-old on a two-week ocean cruise, but ultimately it was a work commitment that scrubbed our ambitions. The Frederick family upgraded to a larger cruising sailboat boat, a Moody 38 CC – “Cambria”, in autumn 2019 and spent 2020 shaking out the new (to us) systems and fixing a few problems with the boat. Some were cosmetic, some were more significant, like the mis-aligned shaft that led to a transmission leak (and total transmission rebuild).

This summer, work had been on notice for 6 months – I would not be checking emails, but could be called if needed. This year we were ready: the boat was in good cruising order, and the boys were seven and three, certainly old enough (we hoped) for the experience, and sure-footed enough for us to not be constantly on edge as they moved about the boat. But two weeks is a long time for a family of four to be cheek to jowl, and there was some trepidation about the trip. We laughingly dubbed it “The Ocean Experiment” in a hat tip to our experience with isolation, uncertainty, and suffering in Alaska, filming a reality TV show back in 2007 for the Discovery Channel. Nevertheless, we planned and prepared, determined to make this trip a great family experience.



*(Frederick Family continued on page 61)*

*(Frederick Family continued from page 60 )*

And it was! We sailed from Fire Island to Block Island, on to the Narragansett Bay where we visited Wickford, Newport, and Bristol, before heading to Battleship Cove in Massachusetts, where we toured the amazing battleship, submarine, and PT boat exhibits. We also rode out tropical storm Elsa there, safely tucked in the lee of the USS Massachusetts. Our return trip was two long days at sea... battered by the post Elsa swell on day one, and becalmed in a flat, oily Atlantic on day two. We saw dozens of pods of dolphins, a whale breach, a shark fin cutting through the water, and all kinds of weather from rough, nausea inducing seas to inky pea-soup fog to fantastically clear star-filled night skies, not to mention the 4th of July fireworks in Newport, Rhode Island. We sailed ~450 nautical miles in 18 days, experienced adventure and uncertainty as a family, and each of us grew in some way during our adventure, but it was amazing to watch the boys assume responsibility and tackle hard jobs like helming a compass course at sea (Joseph, 7) or learning to tie a bowline (Elias, 3).

I was amazed to discover that work was there, just as I left it, some 2+ weeks earlier. It took a lot of workload planning, but with the help of my co-workers, no wheels left the bus in my absence.

**2021 Life Lesson: Take the trip, have the experience today... while you still can.**



*(End)*



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NE/AIPG 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, both on academic achievement and on financial need, to students enrolled in recognized geology programs at colleges or universities in New England, New Jersey, & New York.

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**CHECK OUT PAGE 81 & 82 FOR  
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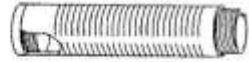




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# 2021-2022 Scholarship Application

The ONLINE APPLICATION IS LIVE for the [2021-2022 Angelo Tagliacozzo Memorial Geological Scholarship](https://ne-aipg.org/Scholarship_Information). Information on the qualifications and process, and access to the application can be found on the Scholarship Information section of the NEAIPG website ([https://ne-aipg.org/Scholarship\\_Information](https://ne-aipg.org/Scholarship_Information)).

The application will close at midnight on Thursday, December 9, 2021.

Evolution of the Announcement process for the Angelo Tagliacozzo Memorial Geological Scholarship: The yearly announcement of the open application process has evolved over the past 35 years. From the beginnings of the Scholarship program in 1986 until the early 2000s, standard practice to send announcements of the Scholarship application was to mail an Announcement and Application Form (physical copies, then electronic copies once possible) to a list of geology department chairs at colleges and universities within the region of Northeast Section. The department chairs would then distribute the information within their departments.

It was realized that the contact list was in constant need of updating, as department chairs changed, sometimes frequently; however, those changes were sometimes found out too late and the information never made it to a particular department and may have missed a qualified and deserving student.

Around 2005, a change was made to the announcement process. A new database was created that included every applicant, their college/university, and their faculty sponsor. A new data set was realized in generating this new database, and it became apparent that several individual faculty members repeatedly sponsored applicants. It was determined that these faculty members were familiar with our scholarship program and demonstrated a commitment to their students by continually submitting letters of recommendation, and it seemed appropriate to add these faculty sponsors to the list of primary contacts.

The database used today was arranged with the faculty sponsors and other department contacts as the major category, with sub-categories listing dates and students sponsored, and with notes on their connection to NEAIPG. The current contact list is not only faculty sponsors and department chairs, but additional faculty were also added to the database through introductions or meetings at conferences where NEAIPG sends a representative, such as the Northeast Geological Society of America conference, typically attended by **faculty and students within the Northeast Section's region.**

Once we started sending Announcements directly to faculty previously involved in the process or faculty that expressed interest in the Program, there appeared to be an uptick in **applications received. Of course, since we didn't have faculty sponsors at every qualified geology department, we continued to contact the department chairs.** The process is ever evolving, as we try to reach the most qualified and deserving aspiring geologists.

*(End)*

# Drone Course



**On October 21, NE-AIPG, in association with the Meadowlands Environmental Research Institute (MERI), hosted a two-hour, on-line course on the use of unmanned aerial vehicles (drones) in support of site investigations. This course, which provided continuing education credits approved by several state licensing boards, included instruction on how to plan and implement drone surveys, the regulatory (FAA) requirements for conducting fly-overs, and how data is processed and reported.**

**Well-attended and very interactive, the presentation by the MERI instructors was highly-rated by the participants on course feedback forms. Net proceeds are being dedicated to this year's Angelo Tagliacozzo Memorial Geological Scholarship Perpetual Trust Fund scholarship awards.**

**Be on the lookout for other courses (virtual and in person).**

**NE-AIPG looks forward to working with MERI again in providing additional professional development opportunities for its members.**



*(End)*



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**With over 800 hundred geologists in the NE Section of AIPG, we want to know what has been happening in YOUR workplace and life .**

**Help us by sending a short blurb to publisher Dick Young at [ryoungnj@aol.com](mailto:ryoungnj@aol.com) or editor Kim Burger at [kburger@rouxinc.com](mailto:kburger@rouxinc.com).**

**Your story will be part of the next newsletter.**

**Need an idea? Check out the News for Members section on page 58.**



**We cannot  
wait to hear  
about your  
news!**

# NE/AIPG 2022 PUBLICATION SCHEDULE

## Winter Newsletter

January 10	Deadline (Material to Editor)
January 21	Content to Publisher
February 7	E-mail to Members

## Directory of Members

February 7	Deadline (Material to Editor)
March 11	Content to Publisher
April 11	E-mail to Members

## Spring Newsletter

March 18	Deadline (Material to Editor)
April 1	Content to Publisher
April 18	E-mail to Members

## Autumn Newsletter

July 22	Deadline (Material to Editor)
August 12	Content to Publisher
September 1	E-mail to Members

## Holiday Newsletter

October 7	Deadline (Material to Editor)
October 21	Content to Publisher
November 7	E-mail to Members

Please Email News, Info, & Articles  
to Kim Burger: [kburger@rouxinc.com](mailto:kburger@rouxinc.com) or  
[neaipg.editor@gmail.com](mailto:neaipg.editor@gmail.com)

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**ANGELO TAGLIACOZZO MEMORIAL  
GEOLOGICAL SCHOLARSHIP TRUST FUND  
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Solve it!  
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and then***

***Move into Action!***

*(End)*

## **Celebrating 35 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.

ATMGS recognizes the dedicated leadership and service which Angelo provided to NE/AIPG, 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 be remembered as) a respected professional... and a friend.

#### **THE SCHOLARSHIP**

NE/AIPG 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, both on academic achievement and on financial need, to students enrolled in recognized geology programs at colleges or universities in Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island, and 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:

**Angelo Tagliacozzo Memorial Geological Scholarship Trust Fund**, and mailed to:

**NE/AIPG Geological Scholarship Trust Fund**  
c/o Bob Blauvelt  
345 Stuyvesant Avenue  
Lyndhurst, New Jersey 07071

*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 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 2021!*

Dear Kelly,

Just a quick note to let you know that I'm 100% with you when it comes to achieving the Section's goal of 100% participation in support of the Scholarship Perpetual Trust Fund during 2021, the 35th Anniversary of the Scholarship! I agree with your encouragement that each and every Section Member make a contribution in accordance with their ability... and this is the one time when I don't want to be the odd person out!

***I'M IN FOR 2021!***

For 2021, the 35th Anniversary, I'm considering pledging... \$35 a Week, \$35 a Month, or \$35 for the Year! I am committed to contributing as much as I can to give back to the profession that has given me so much, so I'm not going to delay it any longer: ***I'M IN FOR 2021!***

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 for Section pride and to make significant impacts in the lives of aspiring geologists!

So, Kelly, ***I'M IN FOR 2021***

Professionally yours,

*Times are really (GREAT / poor), so I am pledging:*

\_\_\_\_ 35 Bucks a Week (\$1820 for 2021)

\_\_\_\_ 35 Bucks a Month (\$420 for 2021)

\_\_\_\_ 35 Bucks a Year (\$35 for 2021)

Other: \_\_\_\_\_ (Every little bit is better than nothing!)

\_\_\_\_ I'll make it easy on you; I have enclosed my check, made out to "Angelo Tagliacozzo Memorial Geological Scholarship Trust Fund."

\_\_\_\_ Please invoice me for my 2021 pledge by 10/31/2021. I'll pay by 12/1/2021.

Signed: \_\_\_\_\_

Name Printed: \_\_\_\_\_

Address: \_\_\_\_\_

*Mail this Pledge to:* NE/AIPG Geological Scholarship Trust Fund,  
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