President’s Notes – Dawn Garcia

It was a fantastic weekend for the AIPG Arizona Section spring field trip on May 31 – June 1, 2019. The field trip was in Silver City, an historic mining town with a lovely downtown area. There were about 25 people at the joint field trip with the New Mexico section, and even one couple that traveled from Indiana after reading the field trip announcement in the AIPG e-news. I was surprised how relaxing the atmosphere was during our dinner get-togethers, probably aided by being able to have our own area to mingle and chat at the restaurant.

Bill Chavez introduced us to multiple vistas and road cuts that show the spectacular volcanic formations on the way to the Gila Cliff Dwellings. The area is within a large caldera, and there are numerous basalt and andesite lava flows that overlay a rhyolite tuff. There is a younger conglomerate that overlies the lava flows. The location of the cliff dwellings was obviously well-thought out by the past inhabitants, the Mogollon people.
The location is in a lovely canyon just ½ mile from the source of the Gila River. The caves occur naturally in a sandstone that overlies the lava flows, and the contact between the two formations is just below the caves.

A park service ranger gave us a tour of the caves while explaining the history and cultural highlights. The caves had been used sporadically as temporary shelter, and then in the late 1200s, a group moved in permanently for a 20-year period. During that time, the rooms were built. Due to the remote location, it’s not a highly visited site, so we felt like the fortunate few who have had a chance to be there, and especially happy to have visited with a knowledgeable leader and congenial group. Overall, a very interesting and fun day.

I really appreciate the time and efforts of the field trip leader, Dr. Chavez, plus Shannon Williams (NM AIPG president). There was lots of positive feedback on the field trip, and requests to put together something in 2020.
Treasurer's Report
Bill Greenslade

The Arizona Section had a total balance on April 30, 2019 of $12,492.64 in two accounts:

Checking: $4,434.37
Savings: $9,998.53
Total: $14,432.90

Expenses this year have been:

- AIPG $102.00 for 30 copies of the TPG student edition to be given out at events for students
- Wells Fargo $64.51 for checks

The section dues collected as part of annual dues by National AIPG totaled $1,940.00 and was deposited recently. The original budget for the field trip was based on just covering expenses. Happily we had enough people with national park passes that we didn’t need to pay the park entrance fee so no cost incurred by the section.

The Board has approved expenditure of $300 to support the National Annual Meeting and to also pay for transportation and subsistence for the Section President to attend the National Meeting in Burlington, Vermont.

AIPG Student Chapter at Northern Arizona University
Richard Brose

Richard Brose continues to serve as the liaison and advisor to the NAU Student Chapter of AIPG. With Richard’s guidance, students are assisting a local Flagstaff community threatened by nitrate and fecal coliform contamination in shallow groundwater by sampling neighborhood wells and sending the samples to a laboratory for analysis. A final report by the chapter will be issued along with recommendations for future monitoring. Thank you Richard for your continued service.

Upcoming Events

AIPG 2019 National Conference

Geology in the Green Mountains: Scenic Beauty and Economic Engine

September 14-17, 2019 in Burlington, Vermont
This year the 56th meeting of the American Institute of Professional Geologists National Conference is being held in the beautiful lakeside city of Burlington, Vermont. This year’s conference, “Geology in the Green Mountains: Scenic Beauty and Economic Engine” is being held from Saturday, September 14th through Tuesday, September 17th at the DoubleTree in Burlington, Vermont … merely a stone’s throw from the University of Vermont campus. The middle of September in Vermont will bring with it comfortably warm days and cool nights, the leaves will have just started turning into a myriad of quintessential fall colors, and the sunsets over the Adirondack Mountains to the west will be breathtaking. The Northeast Section is co-hosting this event and we couldn’t be more excited!

“Rich local culture” is something worth expanding on. If the lure of Vermont’s geology isn’t enticing enough already, the local offerings will set the hook. Those of us who have spent a lot of time in this area can assure you that you’ll fall in love with the vast variety of cuisines available in Burlington (and surrounding areas). Considering the plenitude of local farms and dairies, everything in the area just tastes fresher and, as a result, better. And we wouldn’t be loyal to our profession if we didn’t mention that this culture also includes some of the best breweries in the Nation, and, arguably, the world.

All of us at the Northeast Section look forward to seeing you in Burlington, September 14th to the 17th. We look forward to new friends and old faces! See you in September!!

Michael G. Grifasi, PG, CPG
AIPG Northeast Section President
Conference Co-Chairperson

Jeffrey Frederick PG, CPG
AIPG Northeast Section President (2015-2016)
Conference Co-Chairperson

DoubleTree by Hilton Burlington Vermont
870 Williston Road
Burlington, VT 05403
(802) 865-6600 or for reservations (855) 686-8875
Room block $139+ tax per night.
Be sure to mention ‘AIPG Annual Conference’ for the special room rate, and make your reservations before the cutoff date of 8/28/19.

FOUNDATION OF THE AMERICAN INSTITUTE OF PROFESSIONAL GEOLOGISTS
SILENT AUCTION FUNDRAISER
Annual Meeting Welcome Reception
Double Tree by Hilton Hotel, Burlington, Vermont
Sunday, September 15, 2019 from 5:30 – 8:00 pm

The Foundation of the American Institute of Professional Geologists will hold a silent auction at the AIPG Welcome Reception on Sunday, September 15th starting at 5:30 pm at the Exhibit Area of the annual meeting in Burlington, Vermont. We hope you will consider a donation (such as mineral/rock specimen, books, antique or historic items, artwork, jewelry, maps, or other items of
interest) to the silent auction to raise funds in support of the Foundation for AIPG programs, scholarships, internships, and various initiatives. We also encourage you to consider bidding on items at the auction. Bring your checkbook! More information about the silent auction including the Donation Form is on the AIPG web site: http://aipg.org/foundation

The Foundation of the American Institute of Professional Geologists supports a variety of programs of the American Institute of Professional Geologists (AIPG) that include student scholarships, educational programs aimed at practitioners, the public, and policy makers and, on occasion, some special needs requested by AIPG. The Foundation is engaged in exclusively educational, scholarship, and research programs. The Foundation may also support public information forums, public education meetings, teacher seminars and geological seminars for other professionals such as engineers, architects, planners and others; thus coordinating the expertise of several professions for a better understanding of the geosciences and global issues. The Foundation is proud to be able to serve AIPG and the geosciences by providing financial support for these programs.

Student Career Workshop at GSA National Annual Conference in Phoenix, Arizona September 21, 2019

Registration is open for this one-day workshop that will be held on Saturday September 21, 2019 in Phoenix as part of the Geological Society of America (GSA) annual meeting (www.gsa.org). The workshop is listed as #525.

The workshop is intended to help students successfully transition from the classroom into the workforce and to guide both students and young professionals as they start careers as geologists. Participants will learn about the importance of balancing life and work demands, expectations of employers, how to navigate the hiring process, what techniques can be used to stand out as a candidate, how to prepare a CV, and strategies for professional development.

Presenters from industry will share their knowledge and experiences as employers, plus speak about their own career paths. We will have a flash-mentoring session that will allow students to interact with a mentor in multiple, small group settings. We would love to have other AIPG members participate as mentors during the flash-mentoring session. Please contact me if you’re willing to participate (DawnHGarciaCPG@gmail.com).

AIPG members who have volunteered as presenters are Dawn Garcia, Celeritas Consulere; Bill Greenslade, Matrix New World Engineering; Allan Schappert, Stantec; Erick Weiland, Freeport McMoran; Doc Richardson, Duraroot; and Brandy Barnes, Draper Aden Associates.

We extend our thanks to the sponsors of the workshop: Arizona Geological Society, Foundation of the American Institute of Professional Geologists, Stantec Inc., and Matrix New World Engineering. We hope to receive additional financial support. Please let Dawn Garcia know if you have any leads on additional sponsors.
WORKSHOP Topics and Outline

- Introduction and Opening Remarks
- Careers in Mining: Work/Life Balance
- Diversity in Mining
- Resumes and CVs
- Interviews: What employers look for and what to expect during an interview
- Professional Development
- Licensing
- Flash Mentoring
- Concluding Remarks/Question and Answer Period

THANK YOU TO OUR GENEROUS SPONSORS

AIPG Technical Session at AIMMGM Conference (October 2019)

AIPG was solicited to present a technical session at the biannual international conference held by the Asociación de Metalurgistas, Mineros y Geólogos de Mexico (AIMMGM) that will be held in October in Acapulco. We have put together a technical session to highlight best practices that are well-known but often overlooked in the exploration phase of a mineral development project.

There are four topics that will be included: 1) Integrating multiple data needs into an exploration program to achieve additional value; 2) Database management; 3) Characterization of future mining wastes and mine life cycle planning; and 4) Impacts of the data quality in the resource model.

The AIPG members who have volunteered their time and expertise are as follows:

- Dawn H. Garcia, CPG. Celeritas Consulere
- Rodrigo Calles Montijo, CPG. Servicios Geológicos IMEx
- Doc Richardson, PhD. Duraroot Environmental Consulting

More speakers are TBD.