



ARIZONA SECTION
AMERICAN INSTITUTE OF PROFESSIONAL GEOLOGISTS
December 2017 Newsletter

PRESIDENT'S MESSAGE
By Doug Bartlett

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American Institute of
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Time has really slipped by fast this year and we find ourselves remiss in providing any newsletters to the AIPG Arizona Section in 2017! My humble apologies. With this newsletter, we hope to provide you with an update on what has been happening this year and going forward into 2018.

We had two joint meetings this year, one with SME on May 18th and one with AEG on October 18th, both in Phoenix. As you are probably aware, we did not have our Section meeting in Tucson in February as we have had for the last several years, partly because of the move of the Arizona Geological Survey (AZGS) office to smaller facilities on the University of Arizona campus and partly due to the decision by AIPG Headquarters to move the national Executive Committee (Excom) meeting from Tucson to Orlando, FL. With the transition from our long-time Executive Director Bill Siok (who lives in Tucson) to our new Executive Director, Aaron Johnson, it was decided that the Excom should move their meetings around to other parts of the country. The Excom will meet next in Atlanta, GA in January 2018.

We have an excellent group of volunteers running for office for next year's Section Executive Board including Tony Dalpiaz who will take over from me as President of the Section, Bill Greenslade is our candidate for Treasurer, Keith Scoular for Secretary, and Dawn Garcia for President-Elect of the Section. The Section will also be assisted by Barb Murphy (past national AIPG president and past Arizona Section president and other offices) and Hall Stewart from Tucson. Please see an email from Wendy Davidson at AIPG headquarters regarding voting for our Section board members for next year.

I am very much looking forward to having an active year in Arizona next year! Please contact me if you have any suggestions for activities – meetings, field trips, etc. and if you are interested in being an active volunteer with the Arizona Section.

TREASURER'S REPORT
By Greg Kinsall

The AZ Section of AIPG continues to be financially sound. This year the primary income was from section dues. These monies are provided to the section for sponsoring programs that encourage students to enter the engineering and sciences fields (such as the science fair last spring where the section funded three scholarships) and become active AIPG members for

supporting educational activities. The expenses incurred to date by the section included: costs associated with field trips, science fair scholarships, and representation at the AIPG national meeting, and undergraduate student scholarships. Thus, the bank accounts are in good shape thanks to these income sources and the remaining funds from the AIPG National annual meetings in Flagstaff and Prescott that we hosted in 2008 and 2014, respectively.

ARIZONA SECTION AIPG MEETING WITH MARICOPA CHAPTER OF SME

On May 18, 2017, the Arizona Section of AIPG held a joint meeting with the Maricopa Section of the Society of Mining Engineers (SME) at the Radisson Hotel Phoenix Airport. Approximately 60 were in attendance to hear a talk about Excelsior Mining's proposed Gunnison Mine in-situ copper leach Project. Dr. Stephen Twyerould, President and CEO of Excelsior Mining, gave a talk titled "Update on the Gunnison Copper Project and Johnson Camp Mine in Southeastern Arizona". This very interesting talk described the detailed work that has been done to define the mineral resource and assess the leaching potential of the copper mineralization which mainly occurs on fractures in a limestone skarn deposit. The project has received an Aquifer Protection Permit and is awaiting an Underground Injection Control permit from the EPA.

ARIZONA SECTION AIPG MEETING WITH PHOENIX CHAPTER OF AEG

The Arizona Section of AIPG and Phoenix Chapter of the Association of Environmental and Engineering Geologists (AEG) held a joint dinner meeting on October 18, 2017 at McFate Brewing Company in Scottsdale. The well-attended social hour and dinner was followed by an interesting presentation by Dr. Scott Anderson entitled "Solid as a Rock: How engineering geology relates to transportation asset management". Dr. Anderson described risk-based strategies to manage infrastructure assets such as bridges, pavement, subgrade, embankments, walls and slopes. He illustrated his approach with numerous examples of infrastructure failures and how the risk based approach could have prevented these failures.

ARIZONA SECTION MEMBERS AND NATIONAL AIPG ROLES

As many of you know, Doug Bartlett was elected President-Elect of AIPG for 2017, which means that he will assume the position of President in 2018. If you haven't done so already, please congratulate Doug in his role as national AIPG President, and above all, offer your support by getting involved in Arizona Section and National AIPG activities.

The Arizona Section has had many of its members serve on the national executive and advisory boards including Barbara Murphy, Dawn Garcia, David Palmer, Dale Nations, Ed Dapples, Frank Turek, and Lisa Worthington. Also, William Siok, former AIPG Executive Director, now lives in Arizona.

In addition, the Arizona Section has hosted national annual meetings in Tucson (1975), Flagstaff (1994, 2008), and Prescott (2014) so many of our members were involved with planning and leading field trips and other roles as needed in hosting these meetings.

AIPG SECTION LEADERSHIP AWARD RECIPIENT DAWN GARCIA

Dawn Garcia, CPG-8313 was a recipient of the Section Leadership Award for her on-going service to the Arizona Section. The AIPG Section Leadership Award was established by the



Adam Heft (AIPG President) presenting Dawn with the Section Leadership Award

commitment to our profession and AIPG. Dawn has been a key member of the Arizona section for many years and her efforts are greatly appreciated. Congratulations to Dawn!

Executive Committee in 2013 to recognize one or more of our members who have demonstrated a long-term commitment and have been long-term contributors to AIPG at the section level. The AIPG Section Leadership Award is administered by the Executive Committee of AIPG. Dawn was nominated by several members of the Arizona Section. The selection of the winning members is decided by the AIPG Awards Committee. AIPG has many sections where one or more individuals have demonstrated exceptional leadership for their section and in many instances kept the section together and moving forward. These individuals are commonly not known at the National level or by AIPG members outside of their sections; however, their contributions have been vital to their sections and they perform this work because of their

2017 NATIONAL AIPG ANNUAL MEETING in NASHVILLE, TENNESSEE

The Arizona Section was well-represented at the 2017 national AIPG annual meeting held this year in Nashville, Tennessee from September 22 – 26, 2017. Arizona Section members Doug Bartlett, Barbara Murphy, Dawn Garcia, Steve Maslansky, Bill Siok, and Mohammed Alidan enjoyed the meeting and field trips.



General Jackson Showboat Cruise on the Cumberland River – Lori Bartlett, Helen Hickman (AIPG Past President), Helen's husband Gerry, Mike Lawless (AIPG Past President), Brandi Barnes

The first field trip was a social event on Friday evening on the General Jackson Showboat Cruise along the Cumberland River through Nashville with dinner and a Grand Ole Opry style show following dinner.

On Saturday, Doug chaired several meetings as AIPG National President-elect. Barbara represented the Arizona Section at the National Executive and Advisory Board meetings and reported on the recent section activities.

The annual meeting also featured a student networking event workshop and social function for students and young professional members. The workshop and social events were well attended and the attendees were quite enthusiastic about the information presented.

The Welcome Reception on Sunday evening was at the meeting hotel and featured a silent auction run by members of the Foundation of the AIPG. The silent auction raised funds and awareness of the Foundation. There were spectacular minerals and fossils, a fly-fishing trip at a ranch in Montana, jewelry, historic books and maps, and other items of interest to geologists at the auction. Barbara Murphy and Steve Maslansky as trustees of the Foundation were some of the key organizers of the silent auction.

Along with current national AIPG President, Adam Heft, Doug made a presentation on proposed national licensure and led a discussion on national trends for geologist registration and licensure. Barbara as Vice Chair of the International Union of Geological Sciences' (IUGS) Task Group on Global Geoscience Professionalism gave a talk on *Educational and Professional Standards for a Global Profession: An Update on Information Developed as Part of the IUGS Task Group on Global Geoscience Professionalism (TG-GGP)*.



AIPG Members entering Mammoth Cave for field trip

Field trips as part of the meeting included to Mammoth Cave and the Corvette Museum, to Lookout and Raccoon Mountains, and to Nyrstar's' Gordonsville Underground Zinc Mine. The field trips were well attended and the Nyrstar Tennessee mine was of great interest especially to mineral collectors.

At the awards dinner on Monday evening, Dawn Garcia was honored as a recipient of the AIPG Section Leadership Award for her on-going service to the Arizona Section.

**AIPG MEMBERSHIP MILESTONES
(information from *The Professional Geologist* magazine 2017)**

The following members of the Arizona Section have received recognition of their membership milestones with AIPG. Please thank these members for their on-going support and dedication to AIPG.

50+ Years

Charles Melbye, CPG-344 (member since 1/11/1965)

40 Years

William Daffron, CPG-3442

Donald Ross, CPG-3223

35 Years

Rodney Blakestad, CPG-4899

30 Years

David Brown, CPG-7130

Peter Dohms, CPG-7141

Gregory Hahn, CPG-7122

25 Years

Tony Dalpiaz, CPG-8312

Dawn Garcia, CPG-8313

UPCOMING ELECTIONS FOR ARIZONA SECTION 2018 EXECUTIVE BOARD

The ballot for the election of next year's section officers will be provided to you via email or by regular mail for those of you that do not have e-mail.

Nominees for 2018 officers are:

Dawn Garcia – President Elect

Keith Scoular – Secretary

Bill Greenslade – Treasurer

Tony Dalpiaz will serve as President of the Arizona Section. Doug Bartlett will be Past-President.

The Section officers welcome additional volunteers and look forward to your suggestions, thoughts, and opinions.

Some of the committees or member services we can always use volunteers for include:

- Newsletter
- Screening Board for CPG Applicants
- Program – meeting and field trip planning
- Legislative Issues – primarily as related to geosciences and geologists

Currently we have no specific designees for some of these committees or services. The Arizona Section Executive Board fills some of these roles. If you are willing or even have a slight urge to volunteer for one of these committees, or even if you are only a little curious as to what it might entail, please give any one of us a call or send an email (contact information below). AIPG is a great organization and it represents you, the professional geologist, and serves as an advocate for geologists and the geologic profession.

UPCOMING 2018 EVENTS:

The AIPG National Conference will be held this year in Colorado Springs, Colorado – our neck of the woods! The meeting is scheduled to be held September 8 -11 at the Marriott Colorado Springs Hotel. Please put this on your calendar and plan on joining us! AIPG's annual meetings are really great events – good technical talks and workshops for continuing professional development, field trips, and a chance to catch up with geology friends from around the US.

ADDITIONAL INFORMATION:

2018 Tucson Gem and Mineral Show

The Tucson Gem and Mineral Show (TGMS) will be held at the Tucson Convention Center from February 8 – 11, 2018. This year's theme for the TGMS is *Crystals and Crystal Forms*. There are an estimated 250 retail dealers plus over 200 special exhibits sharing the Exhibition Hall and the arena areas of the Tucson Convention Center (TCC). The Tucson Gem and Mineral Show® features two separate annual events that focus on kids. The Society's hope is to create an impact on curious young minds, and share the delight in the science and beauty of minerals and related earth sciences. The Society and the Show Committee invite approximately 3000 elementary students to attend the Show. They are afforded a special opportunity to view the exhibits and shop with the dealers. Additionally, over 2,000 children of all ages visit the special education area where U of A students share a wealth of mineral and earth sciences information, and answer their questions. The TGMS has an outstanding variety of minerals, fossils, jewelry and related arts and crafts and publications at the show. There are other gems and minerals for sale at numerous tents and hotels in Tucson as well. This is certainly a fun event and many AIPG members attend each year.

We look forward to seeing you in 2018!!!!