

Candidate for AIPG National President-Elect

Shanna Schmitt
CPG-11781

Roseville, Minnesota



Hello from the North Star State! I'm honored to be nominated for AIPG President-Elect. I've been involved with AIPG in the Minnesota Section and at the National level since 2006, where I gained a broad perspective of the geoscience community. The geosciences are vital to the health and happiness of all Americans, and each of us should be advocates where and when we can.

Although in my idealistic youth, I wanted to save the rainforests, I now consider myself a pragmatic environmentalist. I want to see a more robust circular and sustainable economy for the minerals and resources we extract because I enjoy the benefits of things like continuous power, clean water, smart phones, and airplanes. I think all that is possible, and I believe that a professional, ethical, and diverse geoscience community are a very important part of the process.

In 2003, I began my career as a field geologist at Terracon where field work and data analysis formed a well-rounded basis for my future endeavors. Since 2006, I have worked at the Minnesota Pollution Control Agency (MPCA), where my work has focused on the cleanup and redevelopment of Brownfield and Superfund sites. My involvement and management of these projects includes technical reviews, timeline and budget management, technical guidance and policy writing, and collaboration with geoscientists and others to find practical and sustainable solutions.

As President-Elect, I will focus on growing membership, supporting members at every stage of their careers, and advocating for professional geoscientists in industry, the regulatory community, academia, state geological surveys, and wherever geoscientist are needed to promote a sustainable standard of living. I believe this emphasis is important for ensuring the success of AIPG's mission "to be an effective advocate for the profession of geology and to service its members through activities and programs that support continuing professional development and promote high standards of ethical conduct."

Growing membership

This consists of attracting new members as well as keeping existing members by showing them the value of our membership. This includes:

- Maintaining the CPG program for members that need the certification to practice in the geological sciences, for those operating in states without licensure, and for members benefiting from our cooperative agreements with AIPG's sister societies.
- Encouraging the state sections to share and coordinate programs and ideas to create a more robust Institute.
- Continuing to provide member testimonials, in *TPG* and on our YouTube channel, discussing geoscience career paths, the importance of networking, and regulatory tips and tricks, will show the benefits of membership.
- Encouraging, promoting, supporting, and welcoming a diverse membership.

Supporting members and sections

Supporting members in the various stages of their careers is an important benefit and can be strengthened by:

- Making events more accessible by using technology and more inclusive by promoting a welcoming atmosphere and experience.
- Soliciting new content for our online Geoscience Online Learning Initiative (GOLI) talks.
- Encouraging and helping sections develop short courses and field trips.
- Providing resources, including mentoring opportunities, for all of our members.

Advocating for professional geoscientists

Professional geoscientists, licensed or certified, should be part of the processes for all public health and welfare policies and procedures. This includes professional geoscience involvement in situations such as:

- Public water supply well construction.
- Ore estimations for mining permits.
- Groundwater investigations at manufacturing facilities.
- Developing legislation for emerging contaminants.

I have a lot to contribute as President-Elect. If elected, my collaboration skills and work ethic will serve the Institute well. If you have questions for me as you're filling out your ballot, please feel free to contact me directly. You can email me at shanna.schmitt@state.mn.us and find me on LinkedIn. I appreciate this opportunity to give back to the Institute in a new way. AIPG's success is due to the extraordinary professionals that are our membership. Thank you for your consideration.

Hello fellow AIPG members. I am honored by the opportunity to continue to lead AIPG at the National level. I would like to give thanks to the Nominating Committee for this opportunity, and, if elected will work hard to uphold the ideals of the organization as a leader and support the growth of AIPG. I feel that my experience, motivation, and strategic ideas make me the ideal candidate for the position of President-Elect. If elected, I will draw upon the skills I have developed during my professional career and tenure with the Ohio Section and AIPG National Executive Committee to deliver the same dedication and passion for geology and AIPG at a leadership level.

As a little bit of background, growing up, my dad was very involved at the state and national level with professional organizations similar to AIPG. I fondly recall many family vacations centered on his national conferences at locations around the United States, a tradition I am continuing with my own family. Unbeknownst to me, these educational opportunities and travels laid the groundwork for my future as a geologist. Trips to places such as Arizona, Colorado, Pennsylvania, Washington, and Wyoming revealed the physical world beyond the glacially scoured plains of the Midwest. From these experiences, I developed an understanding of both the diversity of the

“ AIPG has had an integral role in my professional life.”

geologic world and the core professional and personal value of involvement in organizations such as AIPG. This continued in college, where my love for geology and the natural world was cemented in through the broad assortment of courses, encouraging professors, and, of course, frequent field trips to a myriad of geologically interesting places. Following college, I found my home in environmental consulting where I am continually motivated and challenged by the diverse array of projects and clients.

AIPG has had an integral role in my professional life. I joined the Ohio Section Executive Committee in 2009 as a Member-At-Large based upon the recommendation of a coworker with whom I shared the sense of volunteerism and desire to “give back” to the profession. Since my initial recruitment, I have been involved with the Ohio Section of AIPG for over 13 years. During this time, I served in a broad range of roles leading up to my election as President for 2017. During these years, we worked diligently to improve how the Ohio Section operated with the primary purpose of providing value to our members and student chapters. Specific examples of my achievements within the Ohio Section include a modernization of the Treasurer’s position through implementing electronic banking and billing, and expansion of our sponsorship program for newsletters, meetings, and events. These efforts improved Section organization and added revenue that is still used to this day to subsidize member and student activities and provide student scholarships. Additionally, the most gratifying aspect of my experience at the Ohio Section has been my involvement with the student sections. One of the most important goals

Candidate for AIPG National President-Elect



Brent Smith
CPG-11130
Worthington, Ohio

of our organization is to provide mentorship to our student chapters as they represent the future of our profession and membership base. The unbridled enthusiasm, optimism, natural curiosity, and scientific prowess of the students is inspirational and reminds us of why we got into geology in the first place. With the student chapters, I helped foster mentoring opportunities through the organization of field trips and activities, presentations, section meetings, and development of scholarship opportunities.

During the 2020 virtual annual meeting, I had the honor of being appointed as an Advisory Board Representative on the 2021 National Executive Committee and was reappointed for 2022 last fall in Sacramento. As an Advisory Board Representative I’ve deepened my understanding of the organization through my interactions with both National and Section leadership. My role on the 2022 Executive Committee will further that experience and allow me the opportunity to continue the work started by current leadership. Initiatives that I look to work on in 2022 and beyond include modernizing the way we communicate with current and potential members, evaluating current membership benefits, and continued support to foster growth of our student sections. I will also continue to assist with the planning process for the 2023 Annual Meeting to be held in the greater OH-IN-KY area. This opportunity represents a partnership of multiple regional sections in a combined effort that I am proud to be a part of. Regardless of the outcome of the election, I will continue listening to our members and developing initiatives that will foster membership and professional growth opportunities during the coming years.

In closing, I’d like to thank you for reading my message, and to leave you with the confidence that, should you elect me as President, I will execute my role with the same level of passion and effort that I have dedicated to the Ohio Section and my career.

Candidate for AIPG National Vice President

David Heidlauf
CPG-9365
Chicago, Illinois



I am humbly honored to be nominated for the 2023 AIPG Vice President position. If elected, I commit to provide leadership and coordination to the advisory board and to support the initiatives of the 2023 AIPG President, Dawn Garcia. I believe my service on the National Executive Committee as Treasurer this last year and a half has provided me a solid foundation and understanding of the roles and responsibilities of the National Executive Committee, the important issues and challenges facing our organization, a working knowledge of our headquarters staff and incoming President. I view the continued service on the National Executive Committee as Vice President as a further opportunity to give back to the organization and profession that I believe in.

Being a member of AIPG has enriched my professional growth as an applied environmental hydrogeologist. My vision for AIPG is to spark, encourage, challenge the upcoming generation of applied geology professionals to meet the world's evolving challenges. Committed young geology professionals are needed to address responsible resource development with environmental stewardship in the context of an increasing world population, climate change, and finite resources.

“Being a member of AIPG has enriched my professional growth as an applied environmental hydrogeologist.”

My love for geology began with visiting the mountains and multiple national parks during summer family vacations as

a kid. Like many, I did not go to college seeking to become a geologist, but quickly caught the bug my sophomore year with my first geology course in historical geology. I soon embarked on a path to equip myself for a career as a petroleum exploration geologist by completing a Bachelor's in geology, working on Oklahoma deep gas rigs and completing a Master's degree in clastic sedimentology.

Life circumstances, however, taught me a valuable lesson in the boom-and-bust cycle of our cherished vocation. My job prospects in the petroleum industry disappeared in late 1985 as my fiancée and I were finishing our graduate studies in geology. After a short active duty stint with the Army, I secured my first position as an environmental geologist in 1987 with no prior hydrogeology coursework. Early in my career I learned the tools of an environmental hydrogeologist through night courses, correspondence courses, short courses, conferences and on-the-job training. My career has entailed employment with four environmental consulting firms with a variety of diverse projects across the country.

I first joined AIPG in 1994 to gain the credentials of the certified professional geologist (CPG) registration and quickly came to value network of professional colleagues at other firms that I developed through attendance at our local Illinois/Indiana sectional meetings. Around twelve years ago I increased my engagement in AIPG at both the sectional and national meetings. Within my section, I joined our local board and have served as the field trip coordinator and am currently serving as the section's Vice President. Through my participation in national meetings since 2011; I have come to value a broader network of professional colleagues from many different sectors of our profession.

Having enjoyed a great education and employment as an applied geologist, I now want to focus some of my time investing in the future generation of geologists to support their education and employment as young professionals. Locally, I support and am engaged with my undergraduate geology department where my wife has served as an adjunct geology instructor for the last 23 years. As a recruiter of young geology professionals for my firm, I find it challenging that the current generation of students seem more attracted to policy-based environmental science versus more traditional hard geoscience programs. I also am concerned about the recent trend of many respected geology graduate programs of eliminating their Master's degree track. I have long viewed the Master's degree as the preferred applied geologist working degree. I am concerned that the current educational pipeline will be not adequate to supply the applied geological workforce needs of the future.

Looking forward, I believe AIPG should encourage responsible resource development, environmental stewardship, balancing energy types and needs with CO₂ footprint and client change and supporting access to life giving clean drinking water around the world. I believe these aspirational sustainability themes are many of the issues that the younger generation highly value and AIPG embracing these themes has the potential to make membership and participation in our organization more relevant and desirable to the next generation of applied geology professionals.

From the beginning of my career, I have served the Institute in any way I could. AIPG is an important organization in promoting professionalism and integrity. I would like to continue to help AIPG in this complicated time with bringing experience and service to the National Executive Committee. Because my time as National President was cut short by a medical issue in 2000, I want to help with guiding AIPG through problems and making AIPG as strong as possible. It has been a pleasure working with the AIPG staff over the years. Regional programs, young professional development, membership development as well as making AIPG an important and desirable part of a career of any member are just some of the ways I feel I can contribute. By being involved at the national level, I can ensure development of new programs and continue with extending existing programs.

“AIPG is an important organization in promoting professionalism and integrity.”

My experience is as follows:

Past National President (2000), Pennsylvania Section President (two different terms); represented AIPG internationally in Europe and Canadian Council of Professional Geologists; organized several AIPG Pennsylvania regional

Candidate for AIPG National Vice President



**Dennis
Pennington**
CPG-4401
Ambler, Pennsylvania

meetings from 2014 through 2019; established an AIPG student chapter at Temple University; represented AIPG at booths at GSA meetings; and created AIPG national undergraduate scholarship program (2000). I am currently serving on AIPG education and other committees. I would appreciate your vote and look forward to serving you as Vice President if elected.

Foundation of the American Institute of Professional Geologists In Appreciation of Generous Supporters in 2021

The Foundation of the American Institute of Professional Geologists is appreciative of the donations received during 2021. As for many, 2021 was a challenging time and the Foundation board members are very thankful for these many contributions, and especially for some very generous ones, to support the Foundation's programs. The Foundation is proud to be able to serve AIPG and the geosciences by providing financial support for scholarship programs, student workshops, and other endeavors in support of AIPG and the geosciences.

Be sure to check the web site www.aipg.org/foundation for additional information about the Foundation and to view the List of Donors for 2021.

The Foundation is a 501(c)(3) organization. Contributions are tax deductible.

We thank our many individual members and corporate donors for their generous support of the Foundation. All contributions, no matter the amount, are greatly appreciated.

Thank you.

Barbara H. Murphy, RG, CPG
Chairperson, Foundation of the AIPG

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Candidate for AIPG National Treasurer

Bill Brab
CPG-11693

Richmond, Kentucky



Looking back through previous *TPG* articles at examples of my predecessors' visions, what I found were some excellent parallels with my values and thoughts for what makes Geologists and AIPG unique in the professional realm among their peers. There are many admirable qualities across all ages and disciplines of our respective areas of geological expertise, but there are also equal or greater occurrences of (excuse the pun) faults amongst our peers and within our profession that rival the typical schoolyard. One of the reoccurring topics that many articles centered on was the need for continuing education (CE), especially after we leave academia and build our careers.

Stories during our Kentucky Section Executive Committee Meetings describe the difficulties encountered to pass legislation for PG Registration. A topic resurfaces frequently and usually coincides with the election of a new officer: why does Kentucky not require CE for Professional Licensure? Seasoned members that were active and involved with getting the bill before legislators recall having to yield the CE requirement to a small, but powerful, few geologists in an effort to prevent blockage of the bill. Why the resistance to CE?

The EPA Federal Register 2015 guidance concerning the disposal of Coal Combustible Residuals (CCR) waste is a citable example that should concern any geologist, stating that geologists are often considered less credible than engineers because of something as fundamental as the CE requirement and we are not seen as peers because are not held to rigorous standards:

"EPA is not convinced that hydrologists or geologists licensed by a state are held to the same standards as a professional engineer licensed by a state licensing board. For example, it is unclear whether geologists are subject to the rigorous testing required by professional engineers or that state licensing boards can investigate complaints of negligence or incompetence..."

I currently serve as Chairman of the Kentucky Board of Registration for Professional Geologists and am a Subject Matter Expert (SME) for the Council of Examiners that certify

the ASBOG Exams. The credentials granting certification are present and solid; however, what would hold professional geologists accountable when compared to other professions is actively and continuously opposed and blocked from within our own ranks. This destroys our credibility and undermines our expertise in our respective disciplines.

Another resurgent topic that resonates with me is the need to increase AIPG membership to thrive as an organization. This requires both retention of enlisted members and efforts to bolster new membership through student chapters and new or young professionals in the active workforce. Efforts to maintain our existing numbers and at the same time attract new members has been problematic, languished attempts throughout my tenure as an active member of the organization have repeatedly shown what's being done isn't having the desired return. The primary solution is to globally target outreach and do more of it; however, there are underlying issues that complicate this even further which need to be carefully considered and addressed to maximize any efforts to increase outreach.

A recent AIPG focus on Diversity, Equity, and Inclusion (DEI) comes to mind as I ponder solutions to improve outreach. Specifically, I cannot help but notice the dominantly monotone demographic that represents our profession. Currently, there is excellent momentum by AIPG and other geological organizations, but coordinated and pragmatic efforts will be key to transitioning this into mainstream common practice. We as concerned advocates can issue statements and write letters easily enough, but advocacy requires both persistence and widespread support from more than a select few within our organization. Improvement requires that we work in both the professional realm with geologists already in the workforce and in partnership with academia to inform and enroll current students and recent graduates needed to fill the opening in both the AIPG and our workforce, regardless of gender, race, ethnicity, or background.

Students and young professionals need guidance, mentorship, and networking opportunities to assimilate into the profession and, optimistically, the membership. There is significant support and efforts covering these growth resources, but a central and organized system to aggregate these components would help expand their effectiveness. A database of professionals is now available that can be queried by prospective members and then paired with an individual mentor would be a valuable tool that could draw interest in the organization and endow new membership; however, the number of mentors in this database is very small. Workshops and training opportunities to improve communication skills, technical acumen, resume writing, and interview etiquette would provide skills beneficial to employers, and incentivize student participation and interaction in outreach resources hosted and supported by AIPG.

To consistently and continually defend attacks that threaten our profession, we need to support CE adoption and membership growth so we not only survive, but thrive. With this, we also need support from our colleagues as we face these hurdles to save the geological profession. As Treasurer, I would strive to introduce improvements and strengthen efforts that are already in place or under development, and seek to use my position, relatively young age, and proclivity for technology and data archiving to advance this mission.

With pleasure and gratitude, I am honored to accept the nomination for the AIPG National Executive Committee Treasurer role for 2023 and 2024. Thank-you to the nominating committee for their endorsement.

Excited?? You bet!! Out of the gate, it has been a fun and fulfilling experience being involved with the people, the organization, and the work that makes AIPG the great professional organization it is. For several years now, I was hoping for an opportunity to give back to the geology profession and last year AIPG welcomed me with an opportunity on the National Advisory Board. I am also the AIPG representative for the Capitol Section.

“ Out of the gate, it has been a fun and fulfilling experience being involved with the people, the organization, and the work that makes AIPG the great professional organization it is.

My love for geology is a genetic thing – my dad was a mining engineer and exploration geologist. He got me involved with the adventures and excitement of geology-related opportunities when I was a teenager growing up in Canada. I was involved with geophysical surveys, splitting core, supporting sampling programs before I even understood or appreciated the broad expanse of geology. I somewhat reluctantly (feeling over-encouraged) enrolled into the Earth Sciences/Geology program at the University of Waterloo. And almost every summer I continued to expand my geology skills with various mineral exploration opportunities. I look back with absolutely no regrets. From Waterloo, I went on to the Mineral Exploration graduate program at Queen's University in Kingston, Ontario. One of the graduate field trips was through the Great Basin. For weeks we visited two mines a day and on weekends we visited national parks of geological interest. I fell in love with Nevada – the raw, open geology. I was determined to find my first geology career opportunity in The Mining State! I worked three years out of Winnemucca, Nevada at the former Chimney Creek Mine. From there an opportunity emerged to work overseas. For over four years, I supported various mineral exploration projects in South America and Africa. In the late 1990s and early 2000s, I transitioned my geology background into environmental assessment and remediation – from searching for gold deposits to defining the extent of bedrock groundwater contaminant plumes. My geology career journey continues and looking back, it has provided so much. The “rear-view mirror” is screaming - NOW is the time to give back!

Finding my way to an active role in AIPG started with an underlying desire to both promote geology as a viable/

Candidate for AIPG National Treasurer



Mark Schaaf
CPG-10732
Hanover, Maryland

needed career option and draw a few young STEM-centric students towards geology. I contacted AIPG initially in search of a “WHY GEOLOGY?” presentation to deliver at local high schools. I was also curious about AIPG’s support and guidance for geology students and young geology professionals. As I started to interact with AIPG, I became aware of the new AIPG mentoring program and have since greatly enjoyed the opportunities to support geology undergraduates with their career and/or graduate school decisions. I truly believe looking for and providing mentoring support to young geologists is a critical component to both strengthening the future of AIPG and attracting AIPG’s next generation of leadership.

There are so many important areas that AIPG is involved and supporting – from education to government policy, to climate change, energy, mineral exploration/development, resource management, conservation, many areas of research ... all that on this planet never mind going beyond! I look forward to the opportunity to be involved with AIPG and support all fields of geology and the broader earth sciences.

If elected AIPG National Executive Committee Treasurer, I look forward to: ensuring AIPG finances remain strong to continue the AIPG mission; encouraging others to become active members in AIPG; supporting both responsible resource development and more North American based strategic mineral development; promoting appropriate environmental stewardship; endorsing the advancement of all energy types; and improving AIPG membership and participation for the next generation of geologists and other earth science professionals.

I very much look forward to the opportunity to serve and support AIPG, the Executive Committee and the membership at-large as the next AIPG National Executive Committee Treasurer. Thank-you for your time and consideration. Explore AIPG, there’s a lot to discover!

Candidate for AIPG National Editor

Adam Heft
CPG-10265
Portland, Michigan



I was honored and pleased to be asked by the AIPG National Nominating Committee whether I would continue my service to AIPG by accepting a nomination to run for a second term as 2023 National Editor. I believe strongly in AIPG as an organization that supports professional geologists and has much to offer those of us who have selected this career. I am grateful for all the opportunities I have had to give back on both the section and national levels. I look forward to the opportunity to continue to serve on the National Executive Committee and would like to thank the Nominating Committee and the Executive Committee for approving my nomination.

“ I believe strongly in AIPG as an organization that supports professional geologists and has much to offer those of us who have selected this career.

During my 23 years as an AIPG Certified Professional Geologist, I have taken an active role as a leader and participant in both Michigan Section and National activities, because I enjoy the challenges and opportunities that this service provides. I plan to continue this practice for many more years in whatever capacity presents itself. During this time, I have met and got to know many members, and hope to meet many more of you in the years to come.

Over the last five years, and beginning with my service as National President, my primary message to members has been

that Communication is key. I get this message out to members by serving as the current National Editor and will continue to do so if reelected for a second term. As you know, the Editor's primary responsibility is the publication of *The Professional Geologist*, which I believe has improved in quality over the years; I hope to continue the improvement and relevance of this, our flagship publication during my tenure as Editor, and continue making these improvements in future editions. In order to do so, I would appreciate your input and feedback, whether positive or negative. Both aspects are important in the continual drive to improve.

AIPG has become increasingly diverse over the years I have been a member. There are increasing numbers of women, minorities, and students transitioning to Early Career Professionals than ever before, and this lends a new perspective to the organization and the focus it has. This is a good thing, but participation by these individuals is critical. There has been a wide variety of article types submitted for publication, from highly regarded seasoned professionals, to early career professionals and students who are just beginning to make their mark. Articles draw from traditional specialties of geology and newer, cutting-edge technologies that are applied to a variety of subjects, and I try to include them all. I strongly encourage all our members to write and submit at least one article for publication in *The Professional Geologist*. Your experiences and opinions are valuable and will help encourage others to participate as well.

I feel that my experience will continue to benefit AIPG. I look forward to continued commitment in making AIPG the best supporter of professional geologists. I anticipate the opportunity to continue to serve AIPG as your Editor and would be honored if you would consider voting for me. Please contact me if you have any questions; my email address is adam.heft@wsp.com. Thank you for your consideration.

CALL FOR ARTICLES

Peer-Reviewed Technical Articles
Technical Writings
Student Writings
Member Experiences/Advice
Research Interests
Member News
Section Events
Professional Ethics
ECP Experiences/ Perspectives
Emeritus Experiences/Perspectives

Questions about publication requirements or article topics?
Contact National Editor, Adam Heft at adam.heft@wsp.com. Send
TPG submissions to aipg@aipg.org.

I am grateful for the committee's nomination and the consideration by AIPG's members for the role of the 2023 and 2024 National Editor. My first significant exposure to AIPG and the functions of the Institute was through *The Professional Geologist* publication after becoming an Early Career Professional. I attended my first AIPG National Conference in 2013 and was able to meet colleagues from across the country and gain exposure to practicing geologists from many fields of study. I have continued to attend the National Conference as frequently as my responsibilities allow, look forward to reading each issue of *The Professional Geologist*, and enjoy everything AIPG has to offer. I am honored to be considered for this opportunity to give back to Institute and serve the members of AIPG.

One of the primary responsibilities of the Editor is the publication of *The Professional Geologist*, and I welcome the opportunity to contribute to this important publication. *The Professional Geologist* is a unique asset to our members as it is created by geologists for geologists. It is a tangible representation of the Institute and what it means to be a professional geologist within our society. This makes it critical to the Institute and all members of our profession, inside and outside of AIPG, to ensure that the publication maintains professionalism, integrity, ethics, and factual technical information. As Editor my primary goal would be to maintain the respected status of the publication that has been created through the countless hours and hard work of those that have come before, and I will work to maintain the credibility for those who will carry on the work in the future.

“AIPG provides opportunities for professional support and mentorship, and *The Professional Geologist* provides an opportunity for our members to publish their work and ideas.”

The Professional Geologist serves an important role as a forum in which members at all stages of their career are able to share knowledge, get to know fellow colleagues, and gain exposure to new and fascinating topics. I believe it is particularly valuable to members who would like to publish research or opinions, but may have never had the opportunity or were perhaps apprehensive to submit topics for publication. I recall being more than a little nervous when I submitted my first research paper for publication in a peer-reviewed journal. I am not sure I would have gone through with it if it wasn't for the support of my research mentor and partner. I was ecstatic when I received news that the paper had been accepted! The experience of getting work published creates an immense feeling of validation and motivation to continue forward with one's research and professional development. AIPG provides opportunities for professional support and mentorship, and

Candidate for AIPG National Editor



Paul Pribyl
CPG-12099
Anchorage, Alaska

The Professional Geologist provides an opportunity for our members to publish their work and ideas.

I strongly believe that advancement of the profession and individual development is dependent on dialogue among supporting and opposing views, exposure to new ideas, and the ability to learn from others. *The Professional Geologist* provides a venue for this to occur. It is a shared conversation that we are all welcome to join. If elected, I would work to make those who want to participate in the conversations surrounding our profession have the opportunity to do so. *The Professional Geologist* performs another important function of providing updates on the developments within AIPG and if elected I would look forward to working with the Executive Committee to ensure members stay well informed on the status of the Institute. Being a member of AIPG has been a rewarding experience, and I am ready to give my time, energy, and dedication back to help AIPG continue forward into the future. I greatly appreciate the opportunity to serve as the next Editor and would be honored if you would consider voting for me. I am motivated to fulfill the responsibilities of the position and work to present the best representation of our profession and members through all of AIPG's publications. I can be contacted at ppribyl@dowl.com if there are any questions or concerns. Thank you for your time and consideration.

National Conference Call for Abstracts & Student Posters

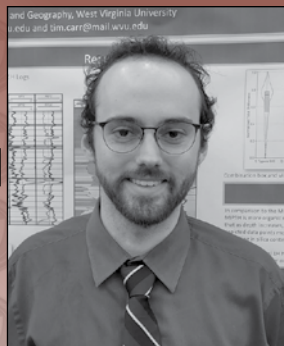
Due: May 9, 2022

<https://aipg.org/page/2022CallforAbstracts>



Candidate for AIPG National Early Career Professional

Bruno Abersold
ECP-0884
Enon Valley,
Pennsylvania



I would like to thank AIPG for this nomination for the position of Early Career Professional, as a part of the 2023 AIPG National Executive Committee. AIPG has provided plenty of support and growth opportunities throughout my undergraduate and graduate education. It has always been a goal of mine to mentor and cultivate future geoscientists and there would be no better organization to perform this under.

“I found that speaking to geoscience professionals within AIPG is paramount to developing a career path, setting realistic goals, and knowing what to expect as a member of the workforce.”

I was first introduced to AIPG during my sophomore year, where my department head took several students to a nearby AIPG meeting. From there, my cohort and I were convinced to start up our own student chapter, seeing plenty of opportunities to network, fundraise, and engage in scientific outreach. I found that speaking to geoscience professionals within AIPG is paramount to developing a career path, setting realistic goals, and knowing what to expect as a member of the workforce.

My experience within the student chapter helped develop many critical skills, such as event planning, work delegation,

and interpersonal communication. Being a part of the student chapter played a major role for my acceptance into graduate school, as I met my thesis advisor at an AIPG meeting.

The students and early career professionals of AIPG need representation, which is the duty of Early Career Professional of the National Executive Committee. As a nomination for this position, I would work to promote geology as a science and profession, speaking for those who are at about the same level in their career. My vision for this position is to garner involvement in AIPG, helping students and other early career professionals. Connecting with students may provide opportunities to network, find internships, and promote the transition from education to the work force.

It seems to me that not enough attention is given to the importance of ASBOG GIT certification for current and potential student chapter members. Providing resources such as study materials and hands on training will be paramount for securing professional licensure. In my experience, education alone fails to impart just how important these steps are to become a full-fledged geologist. Online learning has grown exponentially in the last few years, making it possible to provide more opportunities than ever before. AIPG does an excellent job at hosting courses through the Geoscience Online Learning Initiative (GOLI), if elected I would work to promote awareness of GOLI to students and early career professionals.

One of the primary issues that students in geologic science face is a lack of opportunity. Many undergraduate programs are small and cannot provide the research experiences of larger universities, making it harder for these students to be competitive. These students would benefit greatly from the chance to contribute on projects, get published, or receive awards. Especially when they can cross between disciplines, like geographic information science and environmental science. Secondly, I think that there exists elitism and bias among research disciplines. At both universities I attended, I found that division exists based on several factors. Some research groups will clash based on funding availability, ethics, or perceived standards of education. This makes it difficult for students to think freely and speak their mind, in fear of retribution. Regardless of the moral or ethical implications, the students should never suffer from interdepartmental conflict. If elected, I'd make it a goal to promote small opportunities and advocate for interdisciplinary harmony.

To conclude, I am hopeful for the opportunity to become an Early Career Professional of the National Committee. My experience and educational background will be essential in communicating with my peers of AIPG. I appreciate the consideration and hope to be a powerful voice for the students and early career professionals. This would be a growing experience, that would provide plenty of avenues to serve and learn. AIPG is an organization in which one can find opportunity and develop both personal and professional connections, I am proud to be a member.

Hello from the Buckeye State! As a member that has benefited and continues to learn so much from this organization, I'm greatly honored to be nominated as a candidate for the Early Career Professional Representative. I look forward to all the contributions I can make to this professional scientific community using my enthusiasm and my previous AIPG experience to support the growth of AIPG. As a current Member-at-Large for the Ohio Section in 2022, I would apply this knowledge and experience to this national position.

My involvement with AIPG began in 2017 when I was a co-founder of a new AIPG Student Chapter at Youngstown State University (YSU) in Ohio. Since then, I was president of the YSU AIPG Student Chapter and implemented fundraisers, outreach events, joint geological field trips, and attended Ohio Section meetings and an annual AIPG conference. This was the first organization I was a part of that encouraged fellow students and myself to truly learn more about our profession, connect with professionals, and grow as geologists. I would like to ensure that other students across the nation are aware of the professional exposure that AIPG offers that could "open their eyes" and directly affect their careers.

I also had the privilege of presenting at my first professional conference at the AIPG National Conference, and my first publication was in *The Professional Geologist*. I'm incredibly grateful that AIPG provided a platform for me to communicate science and gain exposure with the professional review process. I want to educate students and young professionals of such opportunities that I was able to take advantage of as a member of AIPG. These recent experiences have also taught me technical and nontechnical skills, the power of connecting with other professionals, and so much more.

“As an early career professional, I have found strength and insight through my connections with several mentors.”

The Early Career Professional Representative acts as a conduit to student members, early career professionals, and the rest of the professional geology community. My goals in this role are to provide additional outreach to engage more students and young professionals to join and participate in AIPG, and to continue developing the Student Day and early career professional activities at the national conference in 2023. There are many current and emerging career opportunities as a geologist, so it's important to share these career pathways from the professionals themselves. My attendance in AIPG meetings also motivated me to sign up and pass the ASBOG Fundamentals of Geology exam. I would like to help educate others on the importance of this certification and provide a success roadmap for passing the exam.

As an early career professional, I have found strength and insight through my connections with several mentors. These

Candidate for AIPG National Early Career Professional



Brigitte Petras
ECP-0851

Campbell, Ohio

great mentorships were essential to my professional growth and continue to help me immeasurably. I would like to provide other members the same opportunity by further developing AIPG's new mentorship program. Additional advocacy for mentors and mentees would strengthen this program.

In closing, my positive experiences as a member of AIPG inspires me to give back to this community. I want to reach out to students and young professionals to educate them on all the opportunities that AIPG has to offer. The field of geology is vast, and bringing geologists together to share experiences and ideas benefits everyone.

Thank you so much for your consideration. I would uphold the values and standards of AIPG and do everything I can to be the voice of students and early career professionals as Early Career Professional Representative. I am grateful for this opportunity to serve AIPG nationally, and I look forward to contributing to the professional development of its student members and early career professionals.



CANDIDATE FOR AIPG NATIONAL 2023 PRESIDENT-ELECT

**Shanna Schmitt**

CPG-11781
Roseville, Minnesota

Statement of Purpose or Goals you have for AIPG: As President-Elect, I will focus on growing membership, supporting members at every stage of their careers, and advocating for professional geoscientists in industry, the regulatory community, academia, state geological surveys, and wherever geoscientist are needed to promote a sustainable standard of living.

Universities Attended	Degrees Granted	Dates
University of Minnesota - Twin Cities	B.S. Geology	2003

Company	Title	Dates
Minnesota Pollution Control Agency	Hydrogeologist	2006-present
Terracon Consultants, Inc.	Field Tech/Staff Geologist	2003-2006

AIPG Activities	Dates
Minnesota Section Student Support Sub-Committee Chair	2017-present
Minnesota Section Webmaster	2015-present
National Executive Committee - Advisory Board Member	2016, 2019, 2020
Inter-Society Liaison - GSA Professional Development Committee	2017-2020
Presidential Certificate of Merit	2018
Section Leadership Award	2018
Minnesota Section President	2016
Minnesota Section Secretary/Treasurer	2011-2014

CANDIDATE FOR AIPG NATIONAL 2023 PRESIDENT-ELECT

**Brent Smith**

CPG-11130
Worthington, Ohio

Statement of Purpose or Goals you have for AIPG: To change the way we connect with current and future members in order to foster growth and increase the value of membership. If elected, I will work hard to uphold the ideals of the organization as a leader and support the growth of AIPG.

Universities Attended	Degrees Granted	Dates
The Ohio State University	B.S. Geology	1994-1998

Company	Title	Dates
Civil & Environmental Consultants, Inc.	Senior Project Manager	2017-present
Burgess & Niple, Inc.	Geologist/Project Manager	1999-2017

AIPG Activities	Dates
National Executive Committee - Advisory Board Member	2021, 2022
Ohio Section Award of Honor	2021
Ohio Section Website Committee Chairman	2018-present
Ohio Section Various Ad-Hoc Committees	2009-present
Section Leadership Award	2018
Ohio Section Past-President	2018
Ohio Section President	2017
Ohio Section President-Elect/Treasurer	2016
Ohio Section Business Development Committee Chair	2013-2015
Ohio Section Treasurer	2011-2016
Ohio Section Member-At-Large	2009-2010

CANDIDATE FOR AIPG NATIONAL 2023 VICE PRESIDENT

**Dave Heidlauf**

CPG-9365
Chicago, Illinois

Statement of Purpose or Goals you have for AIPG: I am committed to provide coordinated leadership to the AIPG Advisory Board and to support the initiatives of the AIPG 2023 President, Dawn Garcia.

Universities Attended	Degrees Granted	Dates
Wright State University	Hydrogeology Coursework	1989-1992
Northern Illinois University	Environmental Coursework	1987-1988
Univ. Of Illinois - Champaign-Urbana	M.S. Geology	1983-1986
Wheaton College	B.S. Geology	1978-1982

Company	Title	Dates
ENVIRON/Ramboll	Principal	2002-present
MWH	Supervising Hydrogeologist	2000-2002
Mittelhauser/Clayton	Senior Project Manager	1989-2000
CCJM	Environmental Geologist	1987-1988
US Army Reserves	Captain/Field Artillery	1982-1992

AIPG Activities	Dates
National Executive Committee - Treasurer	2021-2022
Illinois - Indiana Section Vice President	2017-2022
Illinois - Indiana Section Committee - Field Trip Coordinator	2015-2017

CANDIDATE FOR AIPG NATIONAL 2023 VICE PRESIDENT

**Dennis Pennington**

CPG-4401
Ambler, Pennsylvania

Statement of Purpose or Goals you have for AIPG: Help establishment of regional meetings, expand early career development programs, increase membership, set up officer visitation program, and expand joint programs with other geological societies.

Universities Attended	Degrees Granted	Dates
Villanova University	Water Resources Coursework	1974-1975
Penn State University	M.S. Geochemistry	1971-1973
State University at Potsdam New York	B.A. Geology	1967-1971

Company	Title	Dates
WVWA PA	Project Manager/Geologist	2002-2017(retired)
National Environmental Tech PA	Owner/Senior Geologist	1990-2002(sold business)
Soil Material Engineers	Northeastern Manager	1986-1990
SAIC	Vice President Waste Management	1986
SMC Martin	Manager Geological Services	1983-1986
International Exploration Inc.	Partner/Engineering Geology/Geophysics	1979-1983
Richard Cowan Associates	Manager Geological Services	1976-1979
Jack McCormick Associates	Program Manager	1975-1976
Sanders & Thomas	Project Geologist	1973-1974

AIPG Activities	Dates
Pennsylvania Section Executive Committee - President	1999, 2018-2021
Martin VanCouvering Memorial Service to the Institute Award	2018
Honorary Membership	2015
Volunteer various committees	2002-Present
Ben H. Parker Memorial Distinguished Service Award	2008
National Executive Committee - President	2000
Various National Executive Committees	1996, 1998, 1999, 2000

CANDIDATE FOR AIPG NATIONAL 2023-2024 TREASURER

**Bill Brab**

CPG-11693
Richmond, Kentucky

Statement of Purpose or Goals you have for AIPG: AIPG should assure that the profession of geology is appropriately aligned with current academic, professional, and societal issues. AIPG should also strive to bolster membership attrition through existing member retention and student member conversion. Finally, AIPG should evolve its amenities and reinforce its accreditation in science and society.

Universities Attended	Degrees Granted	Dates
University of Kentucky	B.S. Geology	2001

Company	Title	Dates
AST Environmental, Inc.	Senior In-Situ Remediation Geologist	2011-present
Environmental Probing & Drilling	Project Geologist	2007-2011
Environmental Probing & Drilling	Staff Geologist	2002-2007

AIPG Activities	Dates
Kentucky Board of Registration for Professional Geologists Member	2017-present
Kentucky Section AIPG Treasurer	2017-present
Kentucky Section AIPG Past President	2015
Kentucky Section AIPG President	2014
Kentucky Section AIPG President-Elect	2013
Kentucky Section AIPG Vice President	2012

CANDIDATE FOR AIPG NATIONAL 2023-2024 TREASURER

**Mark Schaaf**

CPG-10723
Hanover, Maryland

Statement of Purpose or Goals you have for AIPG: To provide commitment and support to AIPG in its continuing support of geologists and other earth science professionals. Areas of interest include: (i) supporting and strengthening AIPG's financial health as a professional organization, (ii) AIPG's mentoring program (iii) broadening AIPG's online visibility and (iv) encouraging others to become active/contributing AIPG members..

Universities Attended	Degrees Granted	Dates
Queen's University, Canada	M.S. Geology	1990
University of Waterloo, Canada	B.S. Geology	1989

Company	Title	Dates
Kleinfelder.	Senior Program Manager	2005-present
Terracon	Project Manager	2000-2005
Golden Star	Senior Exploration Geologist	1993-1998
Goldfields	Mine Geologist	1990-1993

AIPG Activities	Dates
National Executive Committee - Advisory Board Member	2022

CANDIDATE FOR AIPG NATIONAL 2023-2024 EDITOR

**Adam Heft**

CPG-10265
Portland, Michigan

Statement of Purpose or Goals you have for AIPG: My goals as Editor are to continue to communicate the state of the profession to members, remind members of the value of AIPG membership, and to keep The Professional Geologist relevant and timely.

Universities Attended	Degrees Granted	Dates
Michigan State University	M.S. Geology	1990-1993
Central Michigan University	B.S. Geology and Earth Science	1985-1990

Company	Title	Dates
WSP USA	Senior Supervising Geologist	2017-Present
Parsons Brinkerhoff	Senior Supervising Geologist	2009-2017
Fitzgerald Henne & Associates	Project Manager	1994-2009
Peterson Environmental Services	Field Geologist	1993-1994

AIPG Activities	Dates
Chairman of the 59th Annual Meeting	2018-Present
National Past President	2018
National President	2017
National President-Elect	2016
Section Leadership Award	2014
Michigan Section Delegate to the Advisory Board	2014
National Secretary	2010-2011
National Advisory Board Representative	2009
Michigan Section Newsletter Editor	2008-Present
Presidential Certificate of Merit	2008
Significant Contribution to the Section Award	2007
Chairman of the 44th Annual Meeting	2004-2007
Michigan Section Assistant Newsletter Editor	1999-2007

CANDIDATE FOR AIPG NATIONAL 2023-2024 EDITOR

**Paul Pribyl**

CPG-12099
Anchorage, Alaska

Statement of Purpose or Goals you have for AIPG: As Editor, I would seek to continue TPG's legacy as an open forum for geologists at all stages of their careers and keeping members informed of the Institute's activities. AIPG's publications are created with contributions from a diverse range of members and TPG is a tangible representation of our profession. As such, I would seek to maintain the professionalism, integrity, ethics, and expertise presented within each publication as it is a reflection of our profession as a whole.

Universities Attended	Degrees Granted	Dates
University of Nevada, Las Vegas	M.S. Geosciences	2012
University of Wyoming	B.S. Geology	2010

Company	Title	Dates
DOWL	Engineering Geologist	2013-Present
Las Vegas Isotope Science Laboratory	Lab Technician	2010-2012

AIPG Activities	Dates
AIPG Member	2013-Present
National Conference Attendance	2013, 2015, 2016, 2019, 2021