

# Newsletter of the GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division

## Message from the Chair

Dear GSA MGPV members,

I hope our February newsletter finds 2026 off to a good start for you. In my own travels this past fall and winter, I had the good fortune to engage with many students and colleagues in the US and abroad. In these interactions, I found that, in this time of unprecedented pressure on science and education, gathering to share interests in geology was especially important and builds resolve.



That act of gathering, in conference halls and on field trips, is one reason I'm particularly excited to see the 2026 GSA Connects meeting (11–14 of October) returning "home" to Denver this year. As many know the Denver meetings tend to draw a bit larger cross section of our community. Judging from the wealth of interesting and timely topical sessions that have already been submitted for this fall's technical program, I think we can expect an engaging meeting. Keep those submissions coming (Deadline is Feb. 19), and we will be looking to endorse as many as possible. If you're uncertain about possible submissions, feel free to reach out to any of us on the Board with your ideas.

The Board is excited to be hosting an MGPV awards session in honor of this year's Distinguished and Early Geological Career awardees: Calvin Barnes (Texas Tech University) and Michael Eddy (Purdue University), respectively. Student awardees are celebrated as well. In addition, our MGPV student representatives will be leading the fourth annual MGPV student session, which was a great success last year and included again an oral and poster session.

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We are also pleased to be continuing with the many opportunities that MGPV provides to students and are anticipating the receipt of student research grant proposals later this month, followed by travel grant applications to help facilitate student attendance at GSA Connects 2026. We are delighted to report that

last year we were able to fund 54 (of 129) outstanding student research projects (totaling \$138,932) through the Lipman, Carmichael, Hollister, and MGPV student research grants, as well as 10 (of 56) Thompson student travel grants (totaling \$5,000), all enabled by endowments and generous donations to the Division's scholarship funds. In addition, we look forward to the many student-focused career- and community-building events provided throughout the year by our student representatives, as described elsewhere in this newsletter.

I would also like to take this opportunity to thank our leadership team for all their hard work, including Past Chair Elizabeth Widom, Vice Chair Gary Michelfelder, Second Vice Chair Chris Yakumchick, and our three student representatives, Madeline Murchland, Emily Fischer, and our newest student member, Claire Alley. Charles (Chuck) Lewis rotated off the board last year and we thank him for his contributions these past few years. I will add, in my Chair's role, that the Division would be dead in the water without the expertise and inexhaustible energy of Alex Speer who has graciously signed as Secretary and Treasurer for two more years.

One thing you may have noticed last year is that we are now an affiliated society within the *Elements* magazine network of international societies who share common interests that embody the MGPV Division.

Finally, I would like to extend gratitude to all of you who have been involved with MGPV over the past year, and to remind you that MGPV relies on your continued active support to represent our community at GSA. We continue to be the largest GSA Division and are especially proud of our increased membership now numbering 2,285, among which 52% are students, which indicates a promising future for MGPV. We encourage you to take the time to nominate those who represent the best in our field for the Distinguished Geologic Career and Early Career Awards (Due March 31, 2026), and to encourage your students to apply for grants. And, most importantly, please renew your membership in GSA and MGPV each year, and encourage others to join as well!

I look forward to seeing many of you this year.

For the Board,

Jade Star Lackey

Chair (Sept 2025-Oct 2026), GSA Mineralogy, Geochemistry, Petrology and Volcanology Division  
Geology Department, Pomona College, Claremont, California

## 2025 Election for 2026 MGPV Officers



**Chair 2026.** **Jade Star Lackey** is Professor and Chair of the Geology Department at Pomona College in Claremont, CA. He earned his B.A. in Geology at Middlebury College, and M.Sc. and Ph.D. from the University of Wisconsin–Madison. After a stint at the College of Wooster, Lackey joined the faculty at Pomona College in 2007 where he teaches the Mineralogy-Petrology sequence and electives in Geochemistry, and Natural Resources. He has been involved in the Keck Geology Consortium for nearly two decades, including leading research projects in the US and Canada.

Jade Star's research in igneous and metamorphic petrology engages undergraduate students from all five of the Claremont Colleges, and commonly partners with colleagues and grad students at larger universities in the U.S. and internationally. The Pomona petrology group employs a range of petrographic, geochemical, and isotopic tools, especially light stable isotopes. Jade Star devotes a much of his energy to studies of magma-wall rock interactions in Cordilleran-type batholiths - most notably the Sierra Nevada - at scales from

porphyroblasts to plutons. His recent studies of skarn deposits have probed questions of carbon mobility in arcs while considering modes of base metal endowment, and even questions of paleogeography. Lackey directs the XRF and XRD labs at Pomona and spearheaded founding of the Pomona's Oxtoby Isotope Laboratory in 2016. He has served on editorial boards of *American Mineralogist* and *GSA Bulletin*. He has been a member of GSA since 1996, was elected a Fellow of GSA in 2022, and holds memberships in MSA, SEG, IAG, NAGT and GS. Jade Star is particularly motivated to help the National Park Service bring, to visitors, the remarkable stories contained in the rocks Sequoia and Kings Canyon National Parks. He also volunteers to help Sierra Nevada historic and preservations societies develop exhibits and conduct outreach programs.

**Vice-Chair 2026.** **Gary Michelfelder** is a Roy Blunt Life Science Professor in the School of Earth, Environment and Sustainability at Missouri State University. He specializes in igneous geochemistry and volcano petrology. His primary research focus centers on the behavior and accumulation of magma in and on the Earth's crust as deduced from field relationships and the chemical analysis of rocks and minerals. He and his students seek to understand these systems in terms of the origin, evolution, and timescales of magmas in crustal reservoirs. Additionally, this allows for study of the behavior of the magma during volcanic eruptions, and implications for tectonic processes and volcanic hazards.



Michelfelder earned his Ph.D. in Earth Sciences in 2015 from Montana State University and served as a commissioned officer in the Army for 21 years. He has been an active member of GSA and MGPV for 18 years. He currently serves as an Associate Editor for the *GSA Bulletin* and was part of the organizing committee for the 2024 NC-SC GSA Joint Section Meeting, Springfield, Missouri, USA. He is currently a Graduate College Fellow and Graduate Program Coordinator with a focus on improving graduate education opportunities for underrepresented groups in the geosciences.



**Second Vice-Chair, 2026.** Chris Yakymchuk is an Associate Professor and University Research Chair in the Department of Earth and Environmental Sciences at the University of Waterloo, Ontario, Canada. He is a metamorphic geologist whose research integrates high-temperature geochemistry, petrology, and tectonics, with a particular emphasis on the behavior of accessory minerals during metamorphic and igneous processes and the implications for petrochronology.

Chris's research program uses petrochronology and quantitative petrologic and thermodynamic modeling to address fundamental questions about crustal evolution, melt generation and migration, and the mechanical and chemical evolution of the continental crust. His work has advanced understanding of both modern and ancient

tectonic systems and has important applications to the localization of precious metal and critical mineral deposits in metamorphic terranes. He is widely recognized as an international leader in metamorphic modeling and petrochronology, with a strong record of interdisciplinary and collaborative research.

Chris earned his BSc with first-class honors from Dalhousie University in 2008, where he received the best undergraduate thesis award for field-based research conducted with the Geological Survey of Canada in Nunavut. He completed his MSc at Queen's University in 2010, based on fieldwork in the Nepal Himalaya, and earned his PhD from the University of Maryland in 2014. His doctoral research included field-based and theoretical studies of migmatites and crustal melting, as well as influential work on the behavior of zircon and monazite during suprasolidus conditions.

A member of GSA and the MGPV Division for 16 years, Chris was awarded the MGPV Division Early

Geological Career Award in 2024. He is deeply committed to service, mentoring, and community building within the geosciences, and brings strong leadership, organizational skills, and collaborative experience to the role of Second Vice-Chair.

**Secretary-Treasurer 2026-2027 (2-year term).** J. Alex Speer is retired after 25 years as Executive Director of the Mineralogical Society of America (MSA) in Chantilly, VA. He is an MSA Fellow and holds membership in both the Geological Society of America (GSA) and the American Geophysical Union (AGU). Alex earned his PhD from the Virginia Polytechnic Institute and State University in 1976.



His research has spanned a range of topics including mineralogy, igneous and metamorphic petrology, radon hazards, low-temperature geothermal energy, electrocrystallization, and tribology. Geologically, his interests have focused on the Nain anorthosite complex in Labrador and the 300-million-year-old granites of the southeastern United States.

Alex's primary goal is to ensure the smooth operation of MGPV, enabling members to concentrate on organizing sessions, field trips, and other events for the Division's annual and section meetings. He also works to foster collaboration between the MGPV Division, MGPV-related Associated Societies, and other GSA Sections and Divisions.

**Bylaws revision.** Members approved an amendment to Article IV.8 changing the Secretary–Treasurer from a term-limited role (two two-year terms) to an unlimited series of two-year terms, each requiring re-nomination and election. The vote was **108** in favor, **7** against, and **4** abstaining. Given the complexity of the finances and the value of institutional memory, continuity in this position is advantageous.

## MGPV Election 2026

The 2026 election will be held during August. The positions of 2<sup>nd</sup> Vice-Chair and Secretary - will be on the ballot.

The MGPV Management Board changes yearly after the Division Annual Business Meeting at the GSA Annual Meeting. Elections are held over 30 days during the summer (northern hemisphere), for the position of Second Vice Chair and biennially for the position of Secretary-Treasurer. The positions of Past Chair, Chair, and First Vice-Chair are filled in succession by the individuals from the preceding office. The election will also be the time when members are asked to approve any Bylaw changes. The election of Division officers requires that the Secretary-Treasurer notify GSA of the results. Any Bylaws changes must be submitted for GSA Council approval a month before a GSA Council meeting.

**Call for 2027 Award Nominations:** Nomination Deadline: 31 March 2026

### ***MGPV Division Distinguished Geological Career Award (for 2027)***

The MGPV Distinguished Geological Career Award goes to an individual who, throughout his/her career, has made distinguished contributions in one or more of the following fields of research: mineralogy, geochemistry, petrology, volcanology, with emphasis on multidisciplinary, field-based contributions. This award emphasizes a geological and multidisciplinary approach. Geological work is by nature general and has an important field component, with Earth as the natural laboratory.

## ***MGPV Division Early Geological Career Award (for 2027)***

The MGPV Early Geological Career Award goes to an individual near the beginning of his/her professional career who has already made distinguished contributions in one or more of the following fields of research: mineralogy, geochemistry, petrology, volcanology, with emphasis on multidisciplinary, field-based contributions. This is a new award that was generously endowed by the estate of James B. Thompson Jr., who believed in the importance to geology of understanding minerals - both their internal characteristics, and their external "social lives" (his term for their relations with each other). The award emphasizes a geological and multidisciplinary approach. The individual must either be [1] before the age of 36 or [2] within 7 years of the awarding of the terminal degree. If the former, the candidate must be 36 or less on January 1 of the year the award is decided.

***Nomination requirements and procedures:*** [Distinguished Geological Career](#) and [Early Geological Career](#) Awards.

## **2025 MGPV Division Distinguished Geological Career Award to Anita Lizzie Grunder: Citation**

**Shanaka L de Silva**, Oregon State University  
October 21, 2025

On behalf of the nominating team, it is my high honor and deep pleasure to present this citation for the 2024 GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division Distinguished Geological Career Award Recipient Professor Anita Lizzie Grunder—a *tour de force* in every sense of the word.

Anita's scientific career has illuminated the inner workings of magmatic systems and volcanic processes across a dazzling range of geologic settings. From arc volcanism in the Andes and the Cascades to the rhyolite fields of the High Lava Plains, to the vast Columbia River flood basalts, Anita has brought curiosity, clarity, and an extraordinary integrative, multiscale, vision to the study of how the Earth's mantle and crust evolves through magmatism and manifests as volcanism.

Her work is grounded -quite literally - in the field, but seamlessly extends into the lab, where she pairs detailed mapping with cutting-edge petrology, geochemistry, experiments and thermodynamic modeling. Her research has yielded deep insights into topics as diverse as magmatic evolution and architecture, crustal assimilation, volcanic structure, and post depositional evolution of volcanic deposits. Her ability to decode complex systems - like the Aucanquilcha volcanic cluster, Rattlesnake Tuff, and Steens Basalt - using a multi-data, multi-scale approach is inspiring, and her publications are widely cited and foundational across the MGPV disciplines.

But her influence goes far beyond her research. At Oregon State University, she has shaped at least two generations of geoscientists through passionate, hands-on teaching and mentorship. She has guided over 50 graduate students, inspired hundreds more undergraduates, and built a hard- rock curriculum and research culture, the VIPER group that is renowned nationally and internationally.

Anita is also a committed leader and community builder. From serving as Vice-President of IAVCEI and Chair of the GSA MGPV Division to organizing field trips, conferences, and regional collaborations, Anita



MGPV Division's 2025 Distinguished Geological Career Awardee Anita Lizzie Grunder (left), and her Citationist Shanaka L de Silva (right)

has consistently worked to strengthen our scientific community and promote inclusive excellence.

Anita Lizzie Grunder's career exemplifies the very best of geoscience. It is with deep respect and great enthusiasm that we recognize her today with the 2024 Distinguished Geological Career Award. Please join us in congratulating her!

## 2025 MGPV Division Distinguished Geological Career Award to Anita Lizzie Grunder: Acceptance

**Anita Grunder**, Oregon State University  
October 21, 2025

Thank you to GSA and especially to the MGPV Division for being such good custodians of our community



— for the meetings, field trips, publications, funding, and for recognizing and connecting us in so many meaningful ways. I am deeply honored and genuinely delighted to receive this award. My gratitude goes to my colleagues and friends who made this possible — particularly Shan de Silva, my Oregon State University colleague and fellow lover of silicic magmatic systems and the Altiplano. A thoughtful citation. Thanks also to Wendy Bohron, John Wolff, and Gerhard Wörner on the nominating committee — all outstanding scientists and equally fine humans. Wendy and I have shared humid days mapping on Isla Socorro and dry, hot days on Steens Mountain. She can write a petrologic modeling program *and* change a tire, which covers about everything you need in life. Gerhard's work in the Andes has always impressed me with its depth

and field grounding. John Wolff has had a parallel career to mine in that he has worked on big silicic ignimbrites and flood basalts. I have always admired his petrologic insight and courage to think big. Thank you for making this possible. I would not be standing here without you and my geology family. I also want to thank the MGPV committee - Liz Widom, Alan Whittington, and Jade Star Lackey - and especially Alex Speer, who keeps us all going. If all these wise and wonderful people support this award, I'm more than happy to accept it.

The estate of James B. Thompson supports this award, and the MGPV website includes his memorable quote: "*True success in the laboratory should stimulate field investigations rather than discourage them. It would be embarrassing indeed if we were to construct an internally consistent geology, chemically and physically sound, perfect in fact but for one flaw: the lack of a planet to fit it.*" I extend my gratitude to the Thompson vision and implementation by MGPV. I have based my work in field studies and then used whatever geochemical, petrologic or modeling tools needed to solve problems or look for patterns in understanding how continental magmatic systems work and change in time. My field base is likely rooted in a childhood of outdoor activities, though oddly I never was a kid that collected rocks. Indeed, I thought Botany would be my path. The giant classes full of pre-meds at Berkeley made it hard to choose a biological field for a major. I was driven to choose the least populous science major I could find, which was paleontology. There were 5 majors total and 2 in my year. I regret to disappoint you in that I graduated in the bottom of my class.

My introductory geology course was taught by the late, great Wes Hildreth, and that's when it all changed. The labs involved mapping in the Berkeley Hills, and I was utterly seduced by the experience of querying the Earth firsthand. Wes later wrote me, "*You really have done it all. It's been quite a road since I tried to teach Intro Geology and you were the paleontology student who made it all worthwhile.*" His enthusiasm was contagious. Wes led me to Gail Mahood, and I became her field assistant in the Sierra la Primavera, Mexico. I also joined Wes and David Johnston in the Valley of Ten Thousand Smokes, Alaska. Those early experiences sealed my fate — and set the pattern for a career grounded in fieldwork, enriched by petrology

and geochemistry. After a few years wandering through various labs, including the Berkeley geochronology lab, I settled at Stanford to work with Gail on my Ph.D. on the Calabozos caldera in Chile.

Looking back, I'm struck by how pioneering Gail Mahood and Elizabeth Miller were in the patriarchal landscape of the day. They fostered a lively, irreverent, and hard-working band of graduate students who became lifelong friends and colleagues. One of them, a particularly accomplished field geologist named John Dilles, turned out to be an exceptional partner in both professional and personal life. My deep thanks to Gail, Elizabeth, and that Stanford cohort — and to John, Anita Zoe, and Leo, who have tolerated and even joined in our field adventures and sabbaticals. I've also learned more about porphyry copper deposits than I ever expected and have come to appreciate that altered rocks can be just as instructive as fresh ones — a revelation for someone raised in the Carmichael school of only the freshest of the fresh.

After Stanford came Oregon State University — where I somehow spent 38 years. My job description balanced research and teaching in equal measure, with a touch of service thrown in. Over the years, OSU logos changed, departments merged, and we designed our own for VIPERs — the Volcanology, Igneous Petrology, and Economic Research group. Eventually we joined the new College of Earth, Ocean, and Atmospheric Sciences, where I also served as academic dean. And of course, the NSF logo was never far behind; I thank NSF for sustaining my research career, and especially program officers Sonia Esperança and Jenn Wade for setting such high professional and community standards.

My first major project — in east-central Nevada with Todd Feeley — tackled how differentiation processes evolve during prolonged crustal magmatism. We learned that at least twice the amount of basalt required for differentiation is also needed to thermally drive the system. Since then, I've worked with 28 graduate students (and countless undergraduates) on topics ranging from bimodal volcanism of the High Lava Plains to the Columbia River Basalts, Cascade volcanism, and the long-lived magmatism at the Aucanquilcha volcanic cluster in the Andes. Inferring the intrusive roots of volcanic systems has been a recurring theme, and the comparison between the Aucanquilcha system and the Tuolumne Intrusive Series remains a project close to my heart — and, yes, still in progress.

So many colleagues and friends have made my life interesting. I would love to list you all, but I have a time limit. For hosting life-affirming sabbaticals I thank George Bergantz, Tim Druitt and Peter Ulmer. For hilarity in the field and plenty of all kinds of work I thank my 28 grad students and many undergrads- you know who you are. My career is not possible without you. With my students I have chased rhyolite ignimbrites and domes to various basalts in eastern Oregon and elsewhere in the Basin and Range, as well as in the Absarokas, the Cascades and the Andes. I have also enjoyed working with students in the classroom. It remains one of humanity's greatest achievements that we have institutions dedicated to the development of the mind and the creation of knowledge. It has been an honor and privilege to be at Oregon State University.

Teaching has been a passion with me, and I have received assorted teaching and mentoring awards. Central to my teaching have been field trips and labs, as the greatest learning impact is through things we personally experience. The impact of training students is certainly as important as research, societally, and in dollars. A simple calculation shows I have raised 2.8 million (not inflation corrected) in research funds, and my graduate students have paid at least 5 million in taxes. Education is a great national investment. And as the cartoon "Pearls before Swine" points out--- life is easier than you think, everybody passes.

And lastly, I have enjoyed service, as officer in professional organizations (GSA, AGU, IAVCEI, that we should all belong to keep our collective political voice alive), on various committees, as reviewer of all manner of thing. With several associates I helped start Muddy Creek Charter School, founded on experiential learning and rated as one of the best schools in the district and state.

Importantly, I am so very pleased that there is much overlap in the Venn diagram of my colleagues, students and staff, my family, and my friends. At the center of it is John, my life companion, our children, and this vibrant geological community has been a great network that continues to inspire and sustain me.

In closing, as I see it, I have been a good researcher, an excellent teacher, a pretty good mother, a good wife, a good colleague and friend, and an excellent builder and supporter of community. I am glad this adds up to a distinguished geologic career. It means a great deal to me to be receiving this award. Thank you so very much.

## 2025 Mineralogy, Geochemistry, Volcanology, and Petrology (MGPV) Early Geological Career Award to Madison L. Myers: Citation

**Paul J. Wallace**

University of Oregon October 21, 2025

It's a pleasure and an honor to be here with you today to introduce the recipient of this year's MGPV Early Geological Career Award, Madison Myers. All of you who know Madison already, or have had the good fortune to work with her, know what an accomplished scientist and incredible person she is.

Madison has become a world leader in the forensics of magma decompression and ascent during explosive super-eruptions. Madison's research has focused on the question of how fast silica-rich magma ascends to the surface during a volcanic eruption, as well as trying to understand how magma bodies are assembled before an eruption and how dynamics in the conduit evolve during an eruption. Why is ascent rate so important? Ascent rate is a major factor that controls whether magma will erupt explosively or will have time during rise in the conduit to lose enough of its gas that it can erupt effusively, and thus pose much less of a hazard. Looking at variations in ascent rate during a large caldera-forming eruption, and comparing multiple eruptions with different characteristics, can inform us about the dynamics of magma movement during eruption onset and caldera collapse.

When Madison started her PhD at Oregon, Colin Wilson and I had been talking about a melt inclusion project on the Huckleberry Ridge Tuff in Yellowstone, the interesting feature there being the field evidence for multiple starts and stops rather than a single, continuous large eruption. Madison started this work as an investigation into the magma body that fed the eruption, using melt inclusions in quartz. But her data revealed something very puzzling – the melt inclusions had a surprisingly wide range of dissolved water values, which suggested variable diffusive losses of hydrogen through the quartz host. This led her to use water and carbon dioxide concentration profiles in melt embayments in quartz as an ascent rate geospeedometer. And she had to also consider the problem of the timescales of diffusive hydrogen loss from fully enclosed melt inclusions as magma decompresses and moves to the surface.

Madison did an incredible job with this complex and challenging project. Her work thoughtfully integrated field and stratigraphic information with geochemical data and numerical modeling. As a result, she became the premier practitioner of the melt embayment geospeedometer. And with her melt inclusion research on the Huckleberry Ridge Tuff, she also made a major discovery – that one of the world's largest super-eruptions involved three or more discrete magma bodies that were sequentially tapped in a cascading failure that escalated into a major caldera collapse.

After leaving Oregon, Madison spent a year as a post-doc in France working with Tim Druitt on the Minoan eruption of Santorini. There she further broadened her skills, integrating a variety of field and lab-based methods to provide new insights into the complex conduit dynamics during the opening phases of the eruption. Since leaving France to start a faculty position at Montana State, Madison and her group have worked on many important innovations. Here I highlight a few major advances.



MGPV's 2025 Early Geological Career Awardee Madison L. Myer (left) and her citationist Paul J. Wallace

Madison has successfully reconciled the decompression rates obtained from embayments to those from other techniques, such as fallout lithic isopleths and microlite and bubble nucleation and growth rates. The embayment method shows that initial decompression in the deep conduit can occur over hours, whereas the shallow conduit is characterized by much faster decompression on the order of minutes, during which very rapid bubble nucleation occurs. Furthermore, she showed that the deep, slow stage of decompression lasts much longer during the initial phase of an eruption, as magma pathways to the surface are opening and becoming established.

With PhD student Behnaz Hosseini, she performed challenging decompression experiments on natural embayments, to validate the use of volatile diffusion as a robust recorder of decompression and ascent rates. Madison and her students and collaborators have now applied the embayment method to a number of volcanic systems, from super-eruptions to small silicic eruptions. As a result, we've learned that the decompression and ascent rates of explosively erupted silicic magma are effectively independent of eruption size, over 3 orders of magnitude in eruption volume, a finding of fundamental importance. Although Madison is still in the early stages of her career, it is no exaggeration to say that she has been an inspiration to a generation of young scientists. This started first at Oregon through her mentoring of undergraduates, then at Montana State as she built a thriving research group of grads, undergrads and post-docs, and then through the ever-expanding list of workshops, meetings, and planning groups that she's organized, and her tireless efforts in running summer REU programs and creating other opportunities for undergraduates in the Yellowstone area. All the great work she's done for our community and for young scientists has been incredible and truly inspiring to watch.

Madison Myers is a rising young star of volcano science. On behalf of the nominating team of Jim Watkins, Colin Wilson, and Tim Druitt, I am proud to introduce her as the recipient of this year's MGPV Early Geological Career Award.

## **2025 Mineralogy, Geochemistry, Volcanology, and Petrology (MGPV) Early Geological Career Award to Madison L. Myers: Acceptance**

**Madison L. Myers**, Montana State University  
October 21, 2025

I feel deep gratitude to have received this award. First and foremost, my deepest thanks to Paul Wallace for both leading the nomination, and providing my citation. I am always impressed by your calming presence, and ability to present information in a way that is thoughtful, educational, and impeccably laid out. You continue to represent the scientist that I hope to one day become.

I also would like to thank the MGPV Early Career Award committee and the Geological Society of America for such a delightful honor. To be able to celebrate my path, my mentors, collaborators, friends and mentees, with the community that I deeply love, is truly a one-in-a-lifetime gift. Of course, I am also grateful for the mentorship and support of my other letter writers, Colin Wilson, Tim Druitt, and Jim Watkins, all of whom were and continue to be influential in forming my scientific journey.

No one's path is without a long list of experiences, setbacks and moments that shape you as an individual. I feel extraordinary lucky for my journey. I started as a geology major at the University of New Hampshire, where my undergraduate mentor, Julie Bryce, made sure that I explored all research labs before finally accepting that studying volcanic processes through a geochemical approach was my passion, not just her influence. I then ended up pursuing a master's with Dennis Geist, which opened my mind to what the field of volcanology could include. It is here where I met some of my closest friends to this day, including a lifelong mentor in Erika Rader. As I learned how to pick olivine crystals, intersect melt inclusions, run the



FTIR, and eventually gain the courage to ask Paul Wallace how to use Beer Lambert Law, I was also setting my path towards a PhD at the University of Oregon.

My PhD was fabulous. I loved every moment of the experience. I grew as an individual, a scientist, and gained an even deeper appreciation for our volcanology community – my second family. To this day, whenever I start a new graduate student in my own lab group, I find myself reflecting on how to best guide them to have as enriching of a graduate

experience: apply for everything, talk with everyone, join every reading group, attend all of the workshops, embrace that our community is excited to support your path, and avoid people that don't boost you up.

I spent so much time in my pre-tenure path fighting the feedback that I did 'too much service'. I didn't want to believe that spending my time fighting for field safety and inclusion discussions, supporting ECRs paths and running community events were not worthy uses of time. I wanted to use my positioning to push back against the system of what is valued pre-tenure. And I feel grateful that in my citation, and in my evaluation, that those traits were seen as strengths. We have a lot to do to ensure that individuals from all backgrounds are being supported on their path, which requires recognition of who and for whom institutions and programs were formed.

Lastly, no person wins awards without a crazy number of folks helping them on their journey. Most notably, I am extremely grateful for the students I have mentored over the last 7 years. Their hard work helped me receive tenure, earn this award, and support important conversations in our communities. I am so lucky to be able to work and learn from these students every day. The hardest part of my career path was that uncertain period between the end of my PhD and the permanent job. Although we are all driven by the passion of science, these are extremely stressful times where I at least felt isolated – feeling like my lack of a clear next step was a personal failure. We need to do better guiding folks through these transitional stages, which I hope to work on as I continue to grow as a mentor.

## 2026 MGPV Career Awardees

### 2026 MGPV Division Distinguished Geological Career Award to Calvin G. Barnes

Calvin G. Barnes of Texas Tech University has been selected as the recipient of the 2026 Mineralogy, Geochemistry, Volcanology, and Petrology (MGPV) Division Distinguished Geological Career Award. The award recognizes a career marked by creativity, breadth, and sustained impact across the field of petrology.

In its deliberations, the selection committee highlighted Barnes's field-based, multidisciplinary research, particularly in igneous petrology, which integrates geochronology, trace-element geochemistry, and isotopic analyses. As analytical tools and approaches have evolved, so too has his work—ranging from detailed chemical maps of individual minerals to time-integrated, three-dimensional reconstructions of entire plutonic systems that reveal the long-term “sagas” of magmatic evolution.

Barnes's research has made major contributions to understanding the geologic evolution of the western U.S. Cordillera, especially in California and Oregon, while also extending to important comparative studies in regions such as Norway. Committee members emphasized that the strength of his career lies not only in the scientific insights themselves, but in the way those insights are embedded within a broader, coherent vision of igneous processes.



Equally central to Barnes's impact is his dedication to mentoring. His publication record reflects decades of collaboration with graduate and undergraduate students, many of whom have gone on to successful careers in academia, government, and industry.

In addition to his research and teaching, Barnes has provided extensive service to the geoscience community. He has regularly supported the Geological Society of America in multiple roles, served on editorial boards, and contributed significant leadership at Texas Tech University, including as department chair. Collectively, these accomplishments define a career the committee described as "holistically distinguished"

## 2026 MGPV Division Early Geological Career Award to Michael P. Eddy



Michael P. Eddy of Purdue University has been named the recipient of the 2026 Mineralogy, Geochemistry, Volcanology, and Petrology (MGPV) Division Early Geological Career Award. The award recognizes outstanding early-career contributions that have already had a significant impact on the geosciences.

In evaluating nominees, the selection committee considered research productivity and impact, collegiality and collaboration, student mentorship and advising, and the integration of fieldwork into research programs. Dr. Eddy was described as exceptionally productive and highly influential in the field of zircon geochronology. His work has helped advance both analytical approaches and geologic interpretation, establishing him as a leader in high-precision geochronologic studies.



The committee also highlighted Dr. Eddy's strong commitment to collaboration and service. He has played an important role in helping other researchers establish geochronology laboratories and has contributed to the broader geoscience community through efforts such as the development of

reference materials. His research program is notably interdisciplinary and collaborative, combining field geology, structural analysis, sedimentology, and geochronology.

Dr. Eddy's work documents fundamental links between the accretion of the Siletzia terrane along the Cascade arc plate margin and the development of nonmarine basins, dextral strike-slip faulting, and variations in arc plutonism. This research integrates field evidence across a wide range of spatial scales, from micron-scale zircon grains to plate-boundary-scale tectonic processes, unified through rigorous, high-quality geochronologic data. Collectively, these contributions exemplify the scientific excellence, collaboration, and mentorship recognized by the MGPV Early Geological Career Award.

## MGPV Student Representative Activities

The student representatives have continued their efforts to engage the division's graduate and undergraduate students through in-person events, social media outreach, and facilitating graduate student recruitment.

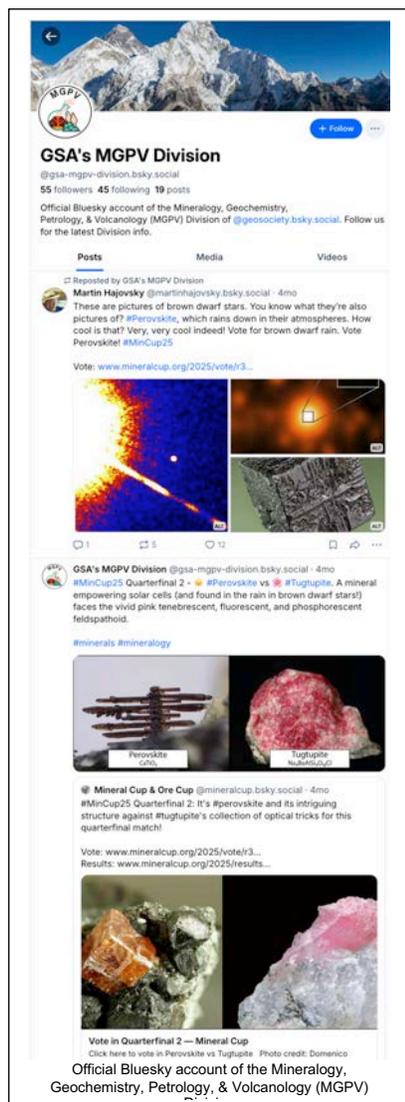
The 2025 Annual meeting in San Antonio demonstrated the student representatives' success in engaging GSA's students, both within MGPV and across divisions. They chaired the fourth annual Mineralogy, Geochemistry, Petrology, and Volcanology Student Session, which was a successful showcase of the diverse research being conducted throughout the division that included 14 oral presentations and 37 posters. This session continues to be an excellent venue for students at all levels to practice additional presentation skills and highlight their research to a broader audience. They also hosted another student mixer, co-sponsored by the Geochronology, Continental Scientific Drilling, Geophysics and Geodynamics,

and Environmental and Engineering Geology divisions. This event has become a popular opportunity for GSA's students to socialize, build community within the society, and relax during the meeting. Looking forward to GSA Connects 2026 in Denver, the student representatives plan to continue building on the momentum of their conference session and social events.



MGPV student organized mixer at GSA Connects 2025.

The [Graduate Positions List](#) continues to be an important resource for students who are seeking graduate advisors, and the current 2026-2027 list has over 30 entries from advisors with open projects. The representatives plan to continue hosting a yearly list and hope to begin collecting feedback on its impact for both advisors and graduate students.



The student reps are also looking forward to revamping their social media presence. [LinkedIn](#), and Slack have been useful for spreading information about and growing attendance to division events, and other opportunities such as MinCup on [Bluesky](#) have provided MGPV the opportunity to engage with the broader geology community, however they would like to start using their platforms to highlight research and accomplishments within the division. Students at any level are encouraged to share their MGPV-related research and accomplishments [here](#) so that they can be recognized for their hard work!

The student reps are also currently planning webinars for the spring semester. The first will be a 'Networking for Geologists' panel on February 26, 1:00-2:00pm ET, where panelists of different careers stages will share practical strategies, personal experiences, and advice on building professional connections. Looking ahead, they hope to host another panel on careers in exploration.

Finally, we are recruiting a new student representative! We are seeking one graduate student to serve a three-year term as a student representative on the MGPV's management board. The role of the MGPV Student Representatives is to provide student perspectives on issues and activities related to the Division, seek input from other students in the Division, and communicate important information to student members. We hope to find an enthusiastic member of our community who wants to work with us on broadening student representation. More information can be found on the [student representative page of our website](#). The deadline to apply is March 1 and the application form may be found [here](#). If you have any questions, please feel free to reach out to the student representatives ([mgpvstudentrep@gmail.com](mailto:mgpvstudentrep@gmail.com)).

## GSA 2025 Section Meetings

MGPV participated with an exhibit booth at the 74th Annual GSA Southeast Section Meeting (19–21 March 2025) in Harrisonburg, Virginia, held at the Hotel Madison & Shenandoah Valley Conference Center, and at the Joint Northeastern and North-Central Section Meeting (27–30 March 2025) in Erie, Pennsylvania, at the Bayfront Convention Center. At both meetings, MGPV shared adjacent exhibit space with the Mineralogical Society of America and Minerals in Context.



MGPV exhibit booth at the 74<sup>th</sup> Annual GSA Southeast Section Meeting (19–21 March 2025) in Harrisonburg, Virginia



MGPV exhibit booth at the Joint Northeastern and North-Central Section Meeting (27–30 March 2025) in Erie, Pennsylvania, at the Bayfront Convention Center

## GSA 2025 Connects (Annual Meeting), San Antonio, Texas

GSA Connects 2025, the Geological Society of America's Annual Meeting, was held 19–22 October 2025 in San Antonio, Texas, at the Henry B. González Convention Center and associated downtown venues. The meeting was organized around three overarching themes: (1) Energy and Resource Innovations in the 21st Century, (2) Geology without Borders, and (3) From Earth to the Cosmos. These were to reflect both the geological context of Texas and the evolving role of geoscience in addressing global and planetary challenges



The meeting brought together 4,215 attendees from 47 countries, underscoring GSA's broad international reach, with 7% of participants attending from outside the United States. The scientific program featured 3,211 abstracts, spanning oral and poster presentations across the full spectrum of geoscience disciplines. In addition to technical sessions, the meeting included 24 field trips highlighting regional geology and 19 short courses focused on professional development and emerging research methods.

MGPV organized a session of citations, acceptances, and awardee lectures for the 2025 Distinguished and Early Geological Career Awardees: *T128. GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division Awards Session*, 8:00 AM Tuesday, 21 October 2025. Session Chairs were Elisabeth Widom, Jade Star Lackey:

- Introductory Remarks
- Intro and citation to 2024 EGCA award to Madison Myers, Earth and Environmental Sciences, University of Waterloo
- Determining the timing of magmatic unrest, ascent, and deposition in explosive silicic eruptions. Madison Myers
- Discussion
- Intro and citation to 2025 DGCA award to Anita Grunder, University of Massachusetts
- Chasing Changing Processes Over the Lifetime of Magmatic Episodes: Is It Work or Is It Fun? Anita Grunder
- Discussion



Mineralogy, Geochemistry, Petrology, and Volcanology Division Awards Session, Tuesday 21 October 2025

MGPV exhibited at 2025 GSA Connects both with a table in the "Division Display Space" (DDS) and a booth adjacent to the Geochemical Society, Mineralogical Society of America, and International Association of Geochemistry and Cosmochemistry (IAGC) booths.



## GSA 2026 Connects (Annual Meeting), Denver, Colorado

The official themes for the 2026 meeting: (1) Celebrating a Century of Continental Drift: Understanding Earth in Motion: *Honoring a century of discovery that reshaped Earth science.* (2) Riverscapes in Transition: Dynamics, Hazards, and Human Futures: *Science at the intersection of water, climate, landscape, and society,* and (3) Innovations in Exploration from Deep Earth to Deep Space: *From Al to Yttrium - Developing Technologies to Transform Earth Science.* All technical sessions will be in-person.



MGPV will be organizing a session of citations, acceptances, and awardee lectures for the 2026 Distinguished and Early Geological Career Awardees, as well as general, topical sessions.

**Business Meeting.** The Division will have its required business meeting about the time of the Annual GSA Meeting. The format will be virtual with the date and time yet to be decided. Business meeting present a brief update about the Division and an opportunity to ask questions or make comments.

## MGPV Division Organizational Items

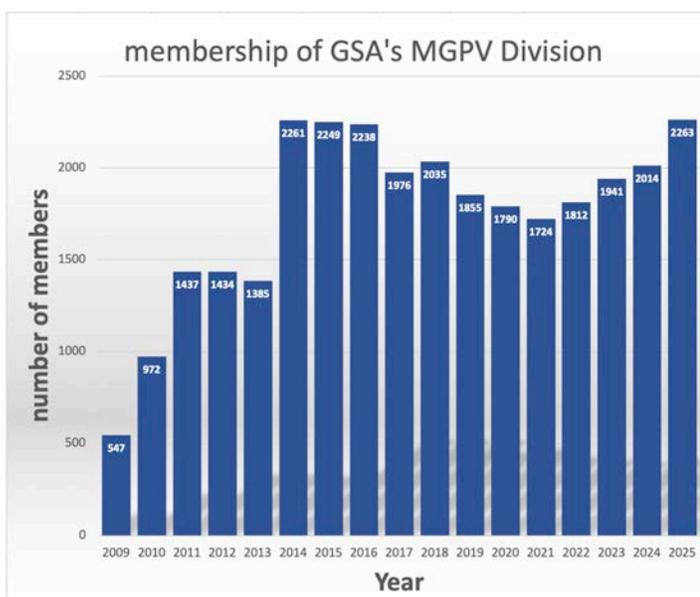
**Membership.** As of 31 January 2026, the online MGPV Directory listed 2,285 members, representing about 12% of GSA's total membership.

MGPV experienced rapid growth after its founding before leveling off. In 2014, GSA adopted a policy allowing students to join their first Division at no cost. This decision significantly boosted MGPV membership, raising the proportion of students from roughly 30% to about 60%, though it also reduced revenue. After 2016, membership declined until 2021, after which a steady increase has been observed.

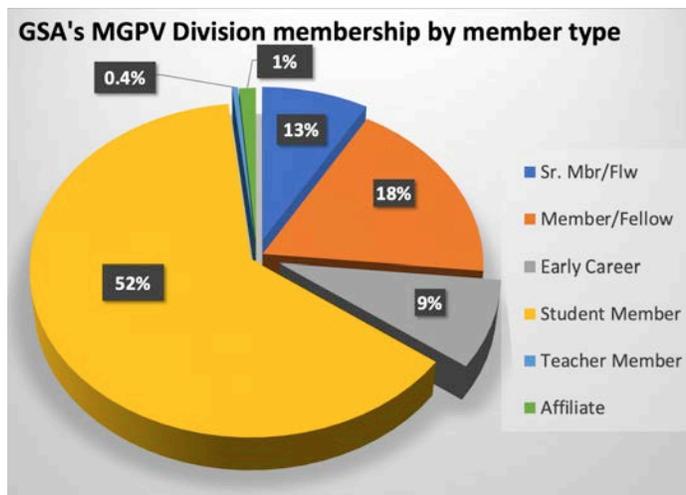
→ **This trajectory differs markedly from past MGPV Annual Reports and Newsletters,** which indicated a continued decline even after 2021.

Those reports relied on membership figures provided annually by GSA in response to our requests for the numbers each year. However, in April 2025, GSA released its *MGPV Division Membership/Data Report 2018–2024*, which presented a different picture, one consistent with the 2025 Directory data. The membership graph has been revised accordingly. Obviously, member counts were reported differently in those years.

GSA occasionally provides demographic information on the Division. The *MGPV Division Membership/Data Report 2018–2024* included member type breakdowns. As in previous years, students remain the largest



group, comprising 52% of MGPV membership, with various categories of professional members making up the remainder.



**Finances.** We have determined that the “Division Quarterly (financial) Reports” provided by GSA are transaction-level General Ledger reports rather than reconciled financial statements. In practice, they are simply listings of transactions that happened to get posted to MGPV accounts during the reporting period. The transactions shown may be outdated, incomplete, subject to later revision, and may include entries from prior or subsequent fiscal years. In addition, the reports contain errors of omission, commission, principle, and duplication.

These issues have been formally brought to GSA’s attention, and corrective action has been promised; however, as of this writing, revised or corrected reports have not yet been provided.

The most recent Division Quarterly Report received was dated June 30, 2025. The financial information presented below is based on that report, supplemented and cross-checked against MGPV’s own internal records. What follows should be regarded as a provisional Statement of Functional Income and Expenses as of June 30, 2025.

**Cash Balance:** \$34,283.11

**Income/expense by MGPV Division activity**

Dues income was \$6,367.84. This is a continuing decrease from past previous 12-month periods: \$6,390.75 (2023-2024), \$6,507.48 (2022-2023), \$7,128.13 (2021-2022), \$7,129.16 (2020-2021), \$7,336.30 (2019-20), \$7,626.86 (2018-2019), \$7,556.65 (2017-2018), and \$7,437.98 (2016-2017).

The Division receives \$3,500 in transfers from the James B. Thompson, Jr. Fund to support the 2024 Distinguished Geological Career and Early Career Awardees’ awards and travel expenses.

The Division receives \$5,000 in transfers from the James B. Thompson, Jr. Fund as well as \$57.44 from MGPV own funds to support ten 2024 student travel grants

For the forty-four 2024 and fifty-two 2025 student research grants, the Division received and dispersed:

Fund	2024	2025
Lipman Research Fund	\$83,305	\$105,250
Hollister Graduate Student Research Awards Fund	\$9840	\$11,525
Ian S.E. Carmichael Research Award	\$1,570	\$1,845
MGPV/Thompson	\$7,500	\$7,500
GSA & NSF (make up amounts)	\$3,035	\$4,130

MGPV merchandise sales income was \$2,587.75. The cost of goods sold (\$2,654.50) + credit card fees (\$78) totaled \$2,732.50, for a loss on sales of \$144.75.

From its own funds, MGPV Division spent:

- \$130.00 for the 2024 award plaques & certificates
- \$620.23 for the MGPV student mixer at 2024 Connects, that was co-sponsored by the Geochronology, Continental Scientific Drilling, Geophysics and Geodynamics, and Environmental and Engineering Geology Divisions
- \$1,300 for a booth at 2024 Connects
- \$1,500 travel support for the MGPV student representatives to attend 2024 Connects

**Deferred Dues Income:** \$4,252.28

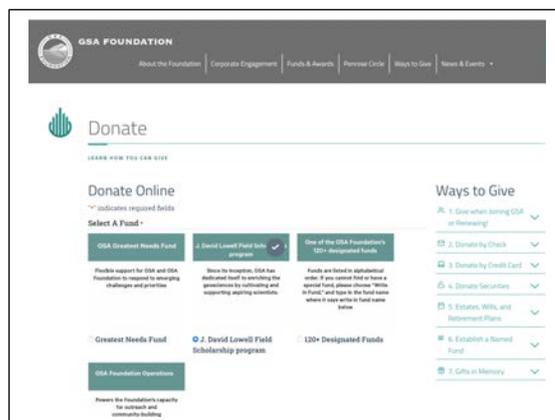
## MGPV Contributors

There are several permanent Funds that provide a source of income for critical programs and services offered by GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division. Income from these funds provide for a range of student research and travel grants and recognition awards. Some are single donor gifts or bequests, but many members contribute to the MGPV Division each year by including a contribution with their dues. Here we want to extend our gratitude to those contributors who helped support the Division during the 2024-2025 fiscal year:

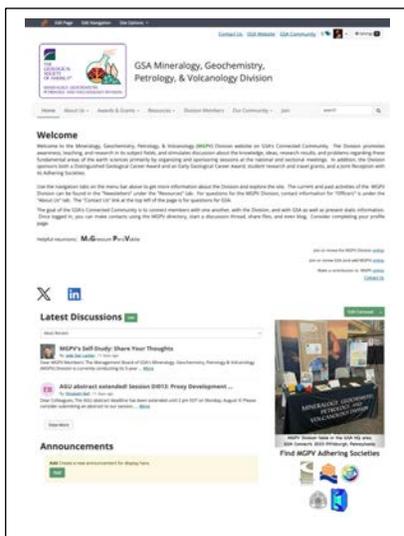
- **Lipman Research Fund:** Peter W. Lipman and the Lipman Family Foundation Inc. and Peter Lipman.
- **The James B. Thompson Jr. Fund:** estate of Dr. James B. Thompson, Jr.
- **MGPV Division Fund:** Harvey E. Belkin, Robert Bodnar, John R. Bowman, Susan L. Brantley, Michael Brown, L. Taras Bryndzia, Robert M. Easton, Timothy J Fagan, John M. Ferry, Ron Frost, Rosalind T. Helz, Christopher D. Henry, Rosemary Hickey-Vargas, Jade-Star Lackey, Peter B. Larson, Mattia Pistone, J. Alex Speer, C. John Suen, John F. Tomblin, Sandra Underwood, Donna L. Whitney, Jandohn A. Wolf
- **The Lincoln S and Sarah W. Hollister Graduate Student Research Awards Fund:** Callum Hetherington and Terry L. Pavlis

New this year for GSA and the MGPV evaluation is the [Jack Kleinman Memorial Award for Volcano Research](#) with a focus on their geologic, geochemical, geophysical, or hazards with an emphasis on fieldwork. Up to US\$5,000 may be awarded to undergraduate, graduate, and aspiring graduate students, regardless of current enrollment status. Cooperation with a staff member from the USGS Volcano Science Center is encouraged and given considerable weight in the selection process.

**Giving to MGPV.** You can donate to the MGPV Division when you renew but also at any other time at [GSA Foundation's online giving page](#). Income from these funds provide for a range of student research and travel grants and recognition awards. Some are gifts or bequests, but many members contribute to the MGPV Division each year by including a contribution with their dues. Enter a donation amount and then select “Mineralogy, Geochemistry, Petrology, and Volcanology” from the “Category or Area of Interest” pull-down menu. There are several other permanent Funds that provide a source of income for critical programs and services offered by the MGPV Division: Lipman, Carmichael, and Hollister.



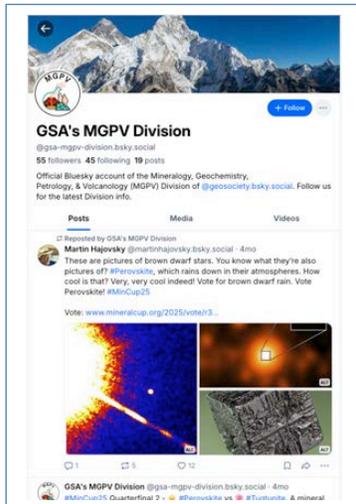
## MGPV website & social media



• **Discussion Board:** The MGPV discussion board is used primarily for MGPV announcements. The attraction is that the discussion board goes to all MGPV members. There are no restricted members. From 2024-07-01 through 2026-01-31 there have been 249 posts.

• **Website:** The MGPV website has all current and archival content about the Division. [MGPV's Connected Community website](#) is updated by the MGPV Secretary-Treasurer. The MGPV website hosted by GSA is relatively active as is evident in a "Views per Day" graph. It has from 20 to 120 unique visitors a day, most are not logged in. The most viewed pages vary depending on the time of year and events.

• **MGPV social media:** The student representatives are responsible for MGPV's social media presence as a tool to connect with division members, expand our network, and disseminate information about meetings and events. The Slack channel has continued to expand since its creation and has been a useful tool to remind members about events. The [Bluesky](#) platform highlights student research within the division and is a useful tool to connect with other organizations, while the [MGPV LinkedIn](#) is used to spread advertisements for webinars and abstract deadlines. Students at any level are encouraged to share their MGPV-related research and accomplishments [here](#). The MGPV student representatives are also now reachable by email: [mgpvstudentrep@gmail.com](mailto:mgpvstudentrep@gmail.com).



[Bluesky](#) is a decentralized social media platform originally incubated by Twitter that allows users to post short messages, share media, and interact in customizable online communities. It is built on the open AT Protocol, which aims to give users more control over their data, identity, and content moderation.

[MGPV LinkedIn](#) is a social networking site, but is designed specifically with business networking in mind, ideal for building professional relationships, as opposed to personal ones. It will be updated by the MGPV Student Representatives alongside "X".

[MGPV Slack](#) is a messaging app connecting people one-on-one or in groups across multiple devices and platforms in a Channel you set up for any project or topic. You're able to upload and share files and integrate other apps and services. Developed for business and professional and organizational communications, it has been adopted as a community platform. It is for GSA student members to network and share events and opportunities

## Announcements

### from MGPV:

[1] Consider nominating deserving candidates for MGPV Division's Distinguished Geologic Career and Early Career Awards. Procedures for nominations are given on the [MGPV Division's Connected Community site](#). Nomination deadline is 31 March 2025.

[2] MGPV will have a booth in the Exhibit Hall of the Triple Joint NC-SC-SE Section Meeting March 8-11, 2026, in Memphis, TN and the Northeastern Section Meeting, to be held 21-24 March 2026 in Hartford, Connecticut.. Stop by and visit.

**from the Adhering Associated Societies:** MGPV is organized jointly with six GSA Associated Societies: Clay Minerals Society, Geochemical Society, International Association of Geochemistry, Mineralogical Association of Canada, Mineralogical Society of America, and Mineralogical Society of Great Britain & Ireland.



**GAC-MAC 2026**  
ST. JOHN'S MAY 25-28

- **GAC-MAC 2025 St. John's** will be 25-28 May 2025 at the St. John's Convention Center, Newfoundland and Labrador, Canada. See the [meeting website](#) for information.

- The **63rd annual meeting of the Clay Minerals Society** will be held at Brigham Young University, 7-11 July 2026. [Details](#).



- Applications for the CMS Student Research and Travel grants are due 9 March 2026. [Details](#).



- [Goldschmidt 2026](#), organized by the European Association of Geochemistry and the **Geochemical Society**, will be held at the Palais des congrès de Montréal, 12-17 July 2026 in Montreal, Canada. The conference will continue to feature presentations from both in-person and remote delegates. In-person delegates can attend all sessions onsite in Montréal and view all presentations on the website. Remote delegates can view all presentations on the website. There will be NO live remote participation in sessions. Details as to the [Conference Format](#) is online. The registration deadline is 1 June 2026.

- **Mineralogical Society of America (MSA)**. Nominations are sought for the [Roebling](#) and [Dana](#) Medals and [MSA Award](#). You need not be an MSA member to nominate someone. Nomination deadlines are 1 June 2026.



- The Mineralogical Society of America (MSA) invites applications for the [2026 MSA Grant for Research in Crystallography](#) and for the [2026 MSA Student Research in Mineralogy and Petrology](#). There are up to three research grant awards of \$5,000 each. Application deadline is 1 March 2026. Awardees must be MSA members.

- The [Mineralogical Society of America's Undergraduate Prize](#) (formerly *American Mineralogist Undergraduate (AMU) Award*) program recognizes outstanding students who have shown an interest and ability in the discipline of mineralogy. Each student is presented a certificate, receives a student

membership in MSA with access to the electronic version of *American Mineralogist* and *Elements*, and a *Reviews in Mineralogy and Geochemistry* or *Monograph* volume chosen by the sponsor, student, or both. Nominations can be made at any time. Nominations are accepted at any time.

The **Mineralogical Society of America (MSA)** and the **Geochemical Society (GS)** will sponsor a short course before the Geological Society of America Meeting in Denver in October, a short course on *Lead in the Environment*, and will be accompanied by a new RiMG volume 92.

• The **Mineralogical Society of Great Britain & Ireland (MSGBI)** offer a monthly series of FREE Skills and Training events. Recordings of all the previous presentations are available at [Register](#).

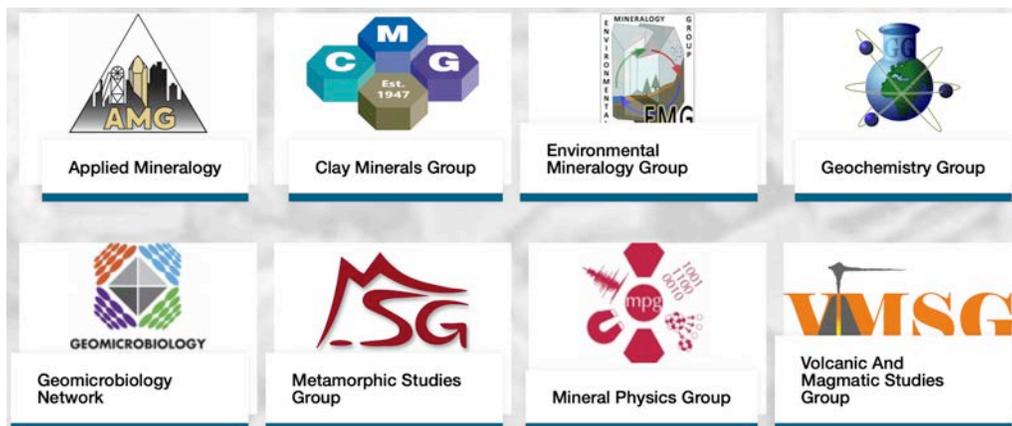


Mineralogical Society  
of the UK and Ireland

Support opportunities: [travel grants](#) (Senior Travel, Postgraduate Student, and Special Interest Group Bursaries). Deadlines: 1st May each year, e.g. 1st May 2025 for applications to fund activities taking place between 1st December 2025 and 1st December 2026 and 7th December each year, e.g. 7th December 2025 for applications to fund activities taking place between 1st May 2026 and 1st May 2027

2026 Award nomination deadlines are all 17 April 2026 for: [Neumann Medal](#) (mineralogy and its applications), [Collins medal](#) (mineral sciences and associated studies), [Max Hey medal](#) (mineralogy, crystallography, petrology or geochemistry), and [Barrow Award](#) (metamorphic studies).

MSGBI has several special interest groups:



• The **International Association of Geochemistry (IAGC)** will convene at the Developments in Noble Gas Understanding and Expertise (DINGUE) IX from 9–11 July 2026 at the University of Ottawa, Ottawa, Ontario, Canada. DINGUE is a highly focused international geochemistry workshop that brings together more than 70 leading experts in noble gas geochemistry. Traditionally hosted in Europe, DINGUE IX marks the first time this meeting will be held in North America. [Conference website](#).

• The IAGC supports small, independent **Working Group meetings** that focus on narrowly defined thematic topics while fostering a collegial, informal atmosphere. These meetings are held regularly in scientifically and culturally engaging locations around the world. IAGC Working Groups include:

- **Water–Rock Interaction Working Group (WRI)** focuses on the physical, chemical, and isotopic processes that occur as fluids—primarily water—circulate through the Earth’s crust and interact with rocks, addressing both fundamental and applied geochemical questions. [website](#)
- **Applied Isotope Geochemistry Working Group (AIG)** promotes the application of isotope geochemistry across a broad range of scientific disciplines. [website](#)

- **Geochemistry of the Earth's Surface Working Group (GES)** brings together researchers studying interactions among the lithosphere, hydrosphere, atmosphere, and biosphere, integrating field observations, laboratory analyses, and modeling to understand environmental and societal change. [website](#)
- **Environmental Geochemistry Working Group (EG)** addresses geochemical processes related to environmental quality, contamination, and sustainability. [website](#)
- **Urban Geochemistry Working Group (UG)** promotes international collaboration and research in urban geochemistry, focusing on cities as complex geochemical systems. [website](#)

The **IAGC PhD Student Research Grants**, sponsored by Elsevier, provide awards of up to US \$2,300 to support the analytical needs of PhD students in geochemistry. The application period for 2027 grants is expected to open soon and will remain open until 15 November 2026. [Details](#).

**Remember:**

Renew your MGPV Division membership when you renew your  
GSA membership.

Encourage your MGPV-interested colleagues to join:

<http://community.geosociety.org/mgpvdivision/join>

## MGPV Division Management Board

**Officers:** 5 Members; Chair, 1 year; First Vice-Chair, 1 year; Second Vice-Chair, 1 year; Secretary-Treasurer, 2 years; immediate Past Chair, 1 year

**Management Board:** 6 Members; consists of the Division officers and Student Representative. The Management Board of the MGPV Division also includes representatives of the Adhering Societies. (Any Associated Society of the Geological Society of America which is in good standing may become an adhering Associated Society member of the Division.)

### Officers

#### Chair (2026)

Jade Star Lackey  
Geology Department  
Pomona College  
185 E. Sixth Street  
Claremont, CA 91711  
JadeStar.Lackey at pomona.edu

#### First Vice-Chair (2026)

Gary Michelfelder  
School of Earth, Environment, and Sustainability  
Missouri State University  
945 E. Grand St.  
Springfield, MO 65897  
garymichelfelder at missouristate.edu

#### Second Vice-Chair (2026)

**Chris Yakymchuk**  
Dept Earth and Environmental Sciences  
University of Waterloo  
200 University Ave W  
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Canada  
Cyakymch at uwaterloo.ca

#### Secretary-Treasurer (2026-2027)

J. Alex Speer  
Mineralogical Society of America  
14200 Park Meadow Dr Suite 310-S  
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+1-703-652-9950  
jaspeer at minsocam.org

#### Past Chair (2026)

Elisabeth Widom  
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Miami University  
250 S. Patterson Ave.  
Oxford, OH 45056. USA  
widome at MiamiOH.edu

#### Student Representative (2026)

Madeline Murchland (2023-26)  
Colorado School of Mines  
Golden, CO

Claire Alley (2026-29)  
Towson University  
Towson, MD

Emily Fischer (2023-26)  
Brown University  
Providence, RI

### Adhering Society Representatives

#### Clay Minerals Society (CMS)

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1177 E 4th St  
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Tucson, AZ 85721-015  
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dontsova at arizona.edu

#### Geochemical Society (GS)

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framos at nmsu.edu

#### Mineralogical Association of Canada (MAC)

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+1-785-864-5276 (fax)  
fowle at ku.edu

#### Mineralogical Society of America (MSA)

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#### Mineralogical Society of the United Kingdom & Ireland (MSUKI)

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kevin at minersoc.org

Welcome to the newsletter of GSA's Mineralogy, Geochemistry, Petrology, and Volcanology (MGPV) Division. Aside from the Division website, newsletters are one important means for GSA Division leaders to communicate information to their members, and they serve as an archive for the Division.

The MGPV Division publishes two newsletters per year. The first after GSA's and Division's Annual Meeting and before any elections, deadlines for abstracts, and nominations. A second newsletter is issued a month or so before the Annual Meeting. Newsletters will contain Division news, calls for award nominations and meeting abstracts, announcements of upcoming meetings, ballot and officer candidate information, meeting news, award acceptances, and other important news and information.

If you are a member that has email access, a notice will be sent by GSA alerting you that a new issue has been posted on the website. Those members who do not have internet access will receive the newsletter in paper form through the US mail sent by GSA. Issues of the newsletter, both present and future, will be available for retrieval in electronic Portable Document Format (pdf) on the Division's website.

The MGPV Division leaders welcome your feedback to the newsletter of the Mineralogy, Geochemistry, Petrology, and Volcanology (MGPV) Division.

**Newsletter Editor:** J. Alex Speer

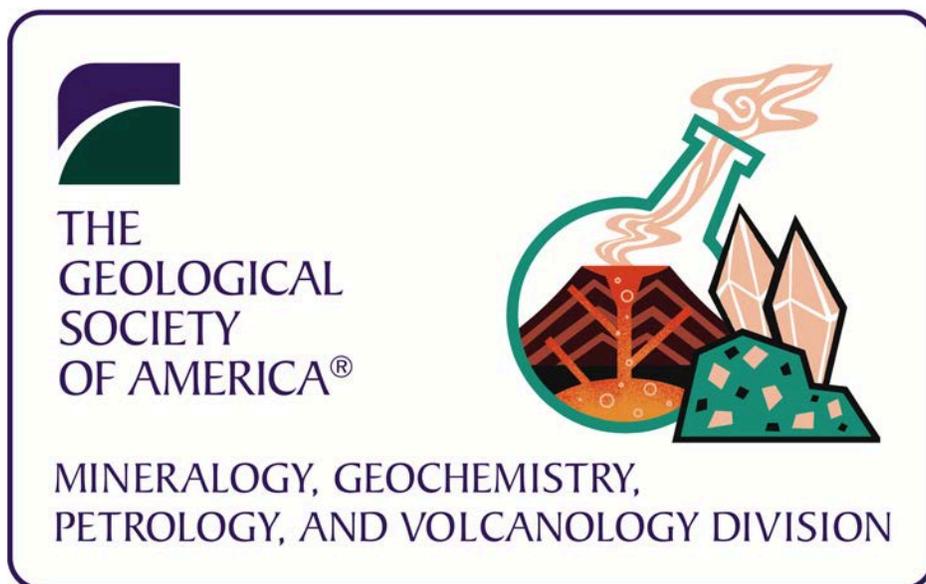
**Webmaster:** J. Alex Speer

#### GSA Council/Division Liaison

**Carol D. Frost**  
University of Wyoming  
Dept of Geology and Geophysics  
1000 E University Ave  
Laramie, WY 82071  
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Email: ktturner at geosociety.org



**Renew your MGPV Division membership when you renew your GSA membership.**

**Encourage your MGPV-interested colleagues to join:  
<http://community.geosociety.org/mgpvdivision/join>**