Message from the Chair

Dear MGPV members,

March 2021 finds me thinking about the many different challenges and changes we’ve all been experiencing over the last twelve months. As a first-generation college student and Hispanic woman, I’m encouraged to see GSA’s efforts to address the lack of diversity in the geosciences and the suggestions for systemic change outlined in recent GSA Today articles (Williams-Stroud, 2021; and Cramer et al. 2021). This is not only the right thing to do - the future of geosciences depends on casting a wider net to recruit a more diverse workforce. Addressing the challenges our country and our planet are facing requires the expertise of trained geoscientists from a much broader range of life experiences and backgrounds. Everyone can make a difference by giving a hand up – which can be as simple as providing encouragement to a struggling student or providing support at a critical time in a student’s or colleague’s journey. For all the challenges I’ve faced, I can also point to times when mentors have given me that boost I needed to get through difficult times.

Since 2011, our Division has awarded 107 student research awards, including the Lipman and Carmichael awards, and we thank all of you that have contributed to these funds. A survey by past-President Rosemary Hickey-Vargas shows that many past awardees are actively involved in geosciences and are still members of GSA. As incoming Chair of MGPV, the largest Division of GSA, I hope to increase our outreach, and to learn from this new generation of geoscientists ways to engage with the next. With the help of our new student representatives Chioma Onwumelu and Lindsey Hernandez (see below) MGPV will be reaching out to you to learn what new projects, new jobs, and new challenges you are undertaking. We will also be highlighting member activities in the MGPV Newsletter, our website and on Twitter. We also welcome suggestions from you.

We’re looking forward to the GSA 2021 Annual Meeting October 10-13 with hopes that this year we’ll have an in-person component in Portland, Oregon. Thanks to Vice Chairs Dennis Newell and Amanda Clarke for serving as our Division’s reps on the Joint Technical Program Committee. This year MGPV will have a special awards session honoring our awardees for both 2020 and 2021. Our Distinguished Geological

http://community.geosociety.org/mgpvdivision/home
Career awardee for 2021 is Michael Brown and our Early Career awardee is Xiao-Ming Liu. Announcements for both are in this newsletter.

I will close with our annual reminder: MGPV needs your active support to continue to represent our community at GSA. Our membership continues to be robust, with strong Student and Early Career membership (1012 students and 184 Early Career, out of 2170 total members as of Dec 2020). We encourage you to take the time to nominate your peers for the Distinguished Geologic Career and Early Career Awards; instructions follow in this newsletter. Most importantly, please remember to renew your membership in GSA and MGPV each year and we hope that you will encourage others to join as well.

[2] https://doi.org/10.1130/GSATG476GW.1
[3] https://doi.org/10.1130/GSATG472GW.1

Best regards,
Rosemary Capo, Chair (2021)
Mineralogy, Geochemistry, Petrology, Volcanology Division
Geological Society of America
University of Pittsburgh, Geology and Environmental Science

New MGPV Officers 2021

Chair 2021. Rosemary Capo is Associate Professor of Geology and Environmental Science at the University of Pittsburgh. She received B.S. and M.S. degrees in Geology from the University of Texas at Austin, a Ph.D. in Geochemistry from UCLA, and worked at the Berkeley Center for Isotope Geochemistry, Lunatic Asylum at Caltech and the Jet Propulsion Laboratory. At the University of Pittsburgh she helped develop the university’s Environmental Studies program. Her work centers on the use of natural isotopic and geochemical tracers to understand Earth surface processes, both present and past. Her research includes studies of rock weathering, climate-related soil formation, stratigraphic correlation, paleoceanography, geoarchaeology, and environmental chemistry. Her group is currently working with DOE researchers to apply and develop geochemical and radiogenic and stable metal isotope techniques to address issues related to AMD generation, coal fly ash storage, geologic carbon sequestration, and water-rock interaction in deep sedimentary basins.

She joined GSA in 1984, and previously served on the MGPV Officer Nomination Committee. She has also served as a Guest Editor for Applied Geochemistry, and as a panel reviewer for NSF and NASA. She has supervised 18 graduate students and numerous undergraduate researchers, and currently teaches Geology, Mineralogy, and graduate Geochemistry courses. She is an active participant on the University of Pittsburgh School of Arts and Sciences Diversity Committee and Task Force and is currently the Dietrich School of Arts and Sciences Assistant Dean for Graduate Studies.
First Vice-Chair 2021. Dennis Newell is an Associate Professor in the Department of Geosciences at Utah State University and directs the Utah State University Stable Isotope Laboratory. He received a B.S. in Geology from New Mexico Tech, a M.S. in Geology from Colorado State University, and a Ph.D. in Earth and Planetary Sciences from the University of New Mexico. He conducted postdoctoral work at Los Alamos National Laboratory (LANL), and prior to coming to USU was a research geochemist at LANL. Dennis specializes in aqueous and stable isotope geochemistry, with applications to problems in continental tectonics, geofluids, fault-fluid interaction, geothermal energy exploration, and geological carbon sequestration.

Second Vice-Chair 2021. Amanda Clarke is an Associate Professor in the School of Earth and Space Exploration at Arizona State University. She completed a B.S. in aerospace engineering at the University of Notre Dame, a year of research in the Philippines under the Fulbright Scholar program, a PhD in Geosciences at Penn State, and a post-doctoral fellowship funded by the Royal Society of London at the University of Bristol. Her research interests include the physics of volcanic eruptions; field and satellite observation of plumes and domes; volcano deformation; highly explosive basaltic volcanism; interpretation of volcanic deposits on Earth, Moon, and Mars; volcano geomorphology; and the interaction between volcanic plumes and Earth’s atmosphere. Field sites include the Soufrière Hills volcano (Montserrat), several volcanoes in Indonesia, and volcanic fields in the US and Mexico, among others.

She was a member of the Committee on Improving Understanding of Volcanic Eruptions, which wrote the National Academies of Science ERUPT Report, was elected secretary of the Volcanology, Geochemistry and Petrology section of the American Geophysical Union (2015-2017), and has served on commissions of the International Association of Volcanology and Chemistry of the Earth’s Interior (2009-2015), and on the National Academies US National Committee for the International Union of Geodesy and Geophysics (2017-present).

At ASU she has advised 15 graduate students, five post-doctoral scholars, and six undergraduate student researchers. She has served on the Promotion and Tenure committee, chaired the graduate student oversight committee, and is now a member of the undergraduate committee. She recently became a one-year Leadership Fellow for the ASU ADVANCE Program, as part of a team developing university-wide mentoring protocols for faculty from underrepresented groups in STEM.
Meet our MGPV Student Representatives

Chioma Onwumelu is a PhD candidate in Geology at the University of North Dakota (UND). She works as a Research Assistant at UND Energy & Environmental Research Center. Chioma holds a B-tech degree from Federal University of Technology Owerri Nigeria; and MS degree from UND both in geology. Her research interest is in petroleum geochemistry, formation evaluation and characterization of source and reservoir rocks with applications to CO\textsubscript{2} storage in geologic formation and geothermal energy exploration. Chioma has pioneered and serves on different student organizations at UND and as secretary for American Association of Petroleum Geologists Women’s Network. As a student representative, she plans to promote the goals and mission of the MGPV division especially as it pertains to bridging the gap between GSA students and professionals and identifying issues that are important to the student members.

Lindsey Hernandez is a Ph.D. student in the School of Earth Sciences at The Ohio State University. She completed her B.S. at Denison University and her M.S. at The Ohio State University. Her current research is focused on magma storage at Fuego and Pacaya Volcanoes in Guatemala, and she is working to combine petrologic, geochemical, geodetic, and geophysical work to paint a comprehensive picture of these highly active volcanoes. She is also interested in efforts to improve how volcanic hazards and levels of risk are communicated to vulnerable communities, and in outreach programs that engage and inspire diverse groups of young people to learn more about the earth around them.

Her goals as a student representative include increasing the MGPV social media presence and creating content to highlight members’ achievements and their diverse career paths, both within and outside academia.

Call for Award Nominations:

Nomination Deadline: 31 March 2021

MGPV Division Distinguished Geological Career Award (for 2022)

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. Nominees need not be citizens or residents of the United States, and membership in the Geological Society of America is not required. The award will not be given posthumously.

The Award: Consists of Fellowship in GSA, recognition plaque, a $1,000 cash award, and some travel assistance. The Award will be presented at the 2022 Annual Meeting of the Geological Society of America (Denver, CO, USA), with a brief (5 minute) citation from the nominator, followed by a brief (5 minute) acceptance speech by the awardee.
**MGPV Division Early Geological Career Award (for 2022)**

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). This award emphasizes a geological and multidisciplinary approach. Geological work is by nature generalistic and has an important field component, with Earth as the natural laboratory. J. B. Thompson’s work, regardless of subject, was always based on solid field observations. In his acceptance speech for the Day Medal in 1964 he said, “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.”

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. If the latter, the award must be decided prior to December 31 of the seventh year past the terminal degree. These time limits for the award can be extended for up to two years based on circumstances that have interrupted the nominee's career (i.e., serious illness, childbirth, care giver, etc.). Nominees need not be citizens or residents of the United States, and membership in the Geological Society of America is not required. The award will not be given posthumously.

**The Award**: Consists of a wall plaque, a $1,000 cash award, and some travel assistance. The Award will be presented at the Division reception at the 2022 Annual Meeting of the Geological Society of America, (Denver, CO, USA) with a brief (5 minute) citation from the nominator, followed by a brief (5 minute) acceptance speech by the awardee.

**Nomination Procedure for either award**

Nominations will be from the Division membership at large, and should consist of:

1. A nomination letter from an MGPV Division member, no longer than 3 pages, summarizing the nominee’s most important accomplishments in geological approaches to mineralogy, geochemistry, petrology, and/or volcanology. Special attention should be paid to describing how the nominee’s published work demonstrates field-based multidisciplinary geological accomplishments of a groundbreaking nature. The letter should include the name, address, and contact information of the nominator as well as those from whom letters of support can be expected.

2. Curriculum Vitae of the nominee.

3. An additional three letters of support. These letters of support may be submitted by anyone, membership of GSA or the MGPV Division is not required.

Nominations should be forwarded to the Division Secretary-Treasurer, J. Alex Speer at: jaspeer at minsocam.org

Dossiers of nominees who did not receive the award in any given year will be retained and considered for two succeeding years (as long as the eight-year time limit continues to be met); thus, nominations are active for a total of three years even if not updated or re-submitted. Updated information or resubmitted nominations for such candidates may be sent to the Division Secretary-Treasurer during subsequent calls for award nominations for consideration beyond that time.
2021 MGPV Division Distinguished Geological Career Award to Michael Brown

The MGPV Division is pleased to announce that Michael Brown, University of Maryland is its 2021 MGPV Distinguished Geologic Career Awardee. The award will be presented during the 2021 GSA Annual Meeting, Portland, OR.

Michael Brown is recognized for his exceptionally productive record of research and leadership in the field of metamorphic petrology. His principal contributions to the discipline include: (1) a career of exceptional research into high-grade metamorphism and secular change, (2) mentorship of young researchers in the petrological sciences, and (3) an outstanding record of service to metamorphic geology and the Earth Science. His numerous research contributions are multidisciplinary, and routinely involve petrology, mineralogy, geochemistry, geochronology, and structural geology. Research driven by Dr. Brown and coworkers produced the first P–T–t paths from migmatite terranes and demonstrated the critical role of deformation in the segregation and ascent of melt through orogenic crust and to the emplacement of orogenic leucogranites. The recognition of paired metamorphic belts as the signature of subduction stimulated him to examine the metamorphic rock record for evidence of secular change. The meticulous compilation of the metamorphic database, which involved extracting the pressure (P), temperature (T) and age of (to date) more than 550 localities worldwide, was undoubtedly painstaking work, but has provided the community with an invaluable resource. Using an earlier version of this database, Dr. Brown was able to fingerprint distinct geodynamic regimes during Earth evolution, linking these to secular cooling of the Earth’s mantle. A key feature of Mike’s contribution to metamorphic geology is the sheer breadth of this contribution, ranging from organizing numerous meetings, mentoring young academics and serving as a referee for many academics, founding and serving as an editor of the Journal of Metamorphic Geology, all on top of being Head of School at various institutes and a productive researcher. Perhaps out of all these contributions, it was the founding of the Journal of Metamorphic Geology by Mike over 38 years ago that has been Mike’s most profound service contribution to the field. He has worked all over the globe in countries too numerous to list, and his work often crosses boundaries, linking petrology with geochronology, geodynamics, and structural geology. Mike has contributed to both field-based and theoretical studies and has published numerous seminal review articles that are highly cited.

2021 MGPV Division Early Career Award to Xiao-Ming Liu

The MGPV Division is pleased to announce Xiao-Ming Liu, University of North Carolina, Chapel Hill is its 2021 MGPV Early Career Awardee. The award will be presented during the 2021 GSA Annual Meeting, Portland, OR.

Dr. Liu’s research combines field-based studies of weathered regoliths, waters (rivers, streams, groundwaters), and sedimentary rocks with analyses of novel stable isotope systems (Li, Mg, K, Fe), modeling, and lab experiments to explore a truly multi-disciplinary array of scientific goals. To date, her work has sought to: a) document the influence of chemical weathering on the compositional evolution of the continental crust; b) develop Li and K isotopes as a tracer of chemical weathering over time; c) develop novel carbonate trace element proxies for past atmospheric oxygen levels; d) document anthropogenic influences on the rivers and streams of North Carolina (the latter largely through mentoring senior thesis students); and e) utilize Li isotopes to understand the petrogenesis of arc magmas, pegmatites, and geothermal fluids.
Her work has taken her to a wide variety of weathering environments, including the Pacific Northwest (during her PhD) where she sampled weathering horizons on the Columbia River basalts (CRB) and rivers draining only CRB on both the wet western side and dry eastern side of the Cascade Mountains – a natural laboratory allowing evaluation of climate in controlling river water chemistry. She is currently studying basalt weathering in the tropics in Hawai’i (in collaboration with Oliver Chadwick) and the Galapagos Islands, and in the more arid reaches of Western China. She has also worked more locally with several UNC undergraduates to address anthropogenic influences on North Carolina waterways (e.g., Smith and Liu, 2018, Chem. Geol.). It is the integration of these field data with her analytical and modeling approaches that have provided the novel insights she has uncovered.

In addition to her impactful science, Dr. Liu has been an outstanding mentor of undergraduate and graduate students at UNC, and at professional society meetings (volunteering for the mentoring programs at GSA, Goldschmidt, AGU). She has been an excellent citizen, organizing sessions at international meetings, as a theme Chair for the Boston Goldschmidt meeting, and has already taken on editorial duties (Geochemical News, Frontiers in Earth Science, and as guest editor for Geochimica et Cosmochimica Acta).

**MGPV at Portland, Oregon**

10-13 October 2021

GSA is monitoring the pandemic situation carefully and at this time is planning for an in-person meeting in Portland, Oregon with an online component. GSA meets monthly with Travel Portland and the Portland Convention Center to get updates on the state of Oregon’s and the City of Portland’s pandemic response actions as well as information about any other health and safety issues. GSA is also preparing to pivot to a 100% online meeting if it becomes apparent that the health of our members and meeting participants may still be at risk.

**Technical Sessions.** MGPV and its Adhering Societies are sponsoring a number of proposed sessions. MGPV will be sponsoring a session of citations, acceptances and awardee lectures for both the 2020 and 2021 Distinguished and Early Geological Career Awardees. MGPV-related topics ought to have a strong presence at the GSA Annual Meeting.

The Abstract Deadline is usually 1 August. To ensure your abstract is included with other MGPV abstracts, please check the box for the MGPV Division (if you submit to a Topical Session) and/or one of the Adhering Societies (CMS, GS, MAC, MSA, MSGBI), and include mineralogy, geochemistry, petrology, and/or volcanology as keywords. Division officers are part of the committee that organizes the scientific program. By following these steps, they will have an opportunity to place your abstract in the most appropriate session.

**Reception.** If there is a significant in-person meeting, the MGPV Division will join with the Mineralogical Society of America and the Geochemical Society in a joint reception, Tuesday, 12 October.
• **Business Meeting.** The Division will have its required business meeting about the time of or during the Annual GSA Meeting. Format (virtual or in-person), time, and location yet to be announced. There will be a brief update about the Division, and an opportunity to ask questions or make comments.

### MGPV at GSA Section Meetings

Divisions have the primary responsibility for developing the technical session program for GSA Annual Meetings. They are now being asked to take a similar active role for the Section meetings, where their involvement has generally been low. Please consider developing and submitting theme session topics for 2022 and future Section meetings. Now is the time to approach the organizers of those meetings to get MGPV Division theme sessions into the programs.

### MGPV website: the GSA Connected Community

In early February, the Geological Society of America Web Manager informed the GSA Divisions of a roll out a new theme for their sites. The update is intended to bring a cleaner, more modern style to the basic site elements, including fresh typography, buttons, panels, community widgets, and menus. It also incorporates GSA's core brand colors, giving more unity to the family of scientific Divisions. The promise was that this update would be simple to implement. It was. MGPV transitioned on February 17 with only a few font size and spacing problems.

The Mineralogy, Geochemistry, Petrology, & Volcanology (MGPV) Division website is hosted on GSA's Connected Community. There is a (1) public portion of the MGPV website with the Division description, MGPV awards, resource library, newsletter archive, and events calendar as well as a (2) Division-member-only portion that includes a searchable Division directory, discussion group. GSA's Connected Community is a member-only, on-line community.

As a member of the MGPV Division, you have been subscribed to the Daily Digest version of the MGPV Division's General Discussion Group, meaning that you will receive one e-mail every day containing all of the previous day's posts, if any. If you'd like to change that to no emails (you can view the discussion on-line but won't receive e-mail) or to real time (you will receive an email every time something new is posted), use the “Community Notifications” item in the “My Account” menu of your profile.

### MGPV Division Organizational Items

• **Membership.** The Division grew rapidly after it was established in October of 2009:
In 2014, GSA instituted a policy wherein students can join their first Division at no cost. This new policy dramatically increased MGPV membership, increasing student membership significantly. But another result is a loss of income. After 2014, the ups and downs in MGPV membership numbers tract the changes in total GSA membership numbers. Help us sustain a strong Division by renewing, asking others to join, and volunteering. We have several hundred individuals with lapsed memberships, and so there is room to grow.

**Finances:** GSA’s and the Division’s fiscal year to July 1 through June 30. At the end of the second quarter (December 31, 2020), MGPV had a (unrestricted) cash balance of $21,383.69. Much of the increase is the result of fewer expenses as a result of the canceled in-person meeting events at the Montreal meeting. However, a number of these have only been delayed until the next in-person Annual Meeting, possibly GSA 2021 in Portland, OR. Also delayed are sessions organized in honor of the 2020 awardees.

Dues income the first two Quarters was $3,774.33. Division expenses was just $27.
Committee and Appointed Post Volunteers:

Division members help with the important tasks of the Division by serving on committees and in appointed posts. You might be asked to serve on one of them.

The Distinguished Geological Career Award Committee and the Early Career Award Committee encourage and evaluate nominations for the respective awards.

The Officer Nominations Committee of the Division reports to the Management Board a list of candidates to run for office the following year. The Nominations Committee makes a public call for either volunteers or recommendations to be considered for the open positions of second vice-chair and/or secretary-treasurer. The Committee can also identify possible candidates for office on their own. Additionally, nomination of a candidate to become a Division officer also may be made to the Division Secretary-Treasurer by any four voting affiliates of the division in good standing who also verify that the
candidate is qualified and willing to serve in that office. This candidate’s name will be forwarded to the chair of the Nominations Committee in time for inclusion in their report to the Management Board.

From the pool of candidates, the Officer Nominations Committee will select a single candidate for each open office by majority vote. In a written report, the Committee will inform the Management Board of the vote, include the list of individuals considered, and the curriculum vitae. When approved by the Management Board, the nomination(s) shall become the election slate. The membership will be asked for a vote of confidence for the candidates of all open offices. In the event that the vote of confidence fails, the second candidate on the list will stand for a vote of approval or non-approval.

Voting takes place during August, and officers will be inducted at the annual business meeting in the fall (northern hemisphere). For this to happen, the committee needs to be in place by April 1 and the slate submitted to GSA by July 1.

The Program Committee is a standing committee. It plans and arranges for the technical sessions and symposia of the division at the Annual and Sectional Meetings of the Geological Society of America, and other external meetings as may be directed by the management board.

We thank the following individuals who volunteered for MGPV committees and posts this past year:

- **Distinguished Geologic Career Award Committee**: Rosemary Hickey-Vargas (Chair), Mihai Ducea (2019-2021), Maureen Feineman (2019-2021), Andrew Calvert (2020-2022), Mary Leech (2020-2022)
- **Officer Nominations Committee**: John Shervais (2020 past chair), Anita Grunder (2019 past chair) and Wendy Bohrson (2018 past chair).
- **Student Research Grants** (for 2020): Rosemary Hickey-Vargas (Chair), and MGPV Division Officers: John W. Shervais, Rosemary C. Capo
- **JTPC Representative**: Rosemary C. Capo

**MGPV Voting Election 2021.**

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 only 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.

The election in 2021 will be for Second Vice-chair and Secretary-Treasurer. For members who have given GSA their e-mail addresses, voting is online. The message notifying you that voting is open will contain the necessary USERID and password for you to do so. Members who do not have internet access will receive a paper ballot through the US mail from GSA.

**Giving to MGPV.**

Did you know that you could donate to the MGPV Division, both when you renew and at any other time at [GSA Foundation’s online giving page](http://community.geosociety.org/mgpvdivision/home). 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 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 gifts or bequests but many members contribute to the MGPV Division each year by including a contribution with their dues.
• **GSA Student Advisory Council.**

In April 2014, the GSA Council established the Student Advisory Council (SAC) as a forum through which student members of the GSA could communicate directly with the Council. The SAC consists of ~35 members appointed as representatives from GSA Divisions, Sections or Committees and has one non-voting seat on the GSA Council. The two new MGPV student representatives have been appointed for 2021-2022, Lindsey Hernandez, The Ohio State University and Chioma J. Onwumelu University of North Dakota.

**Announcements**

from **MGPV:**

[1] Consider nominating deserving candidates for MGPV Division’s Distinguished Geologic Career and Early Career Awards. Procedures and deadline (31 March 2021) for nominations are given on the [MGPV Division’s Connected Community site](http://community.geosociety.org/mgpvdivision/home).

from the **Adhering Associated Societies:**

• A listing of MGPV-related Scientific Meetings and Events is on the [Elements magazine calendar site](http://community.geosociety.org/mgpvdivision/home).

• **The Mineralogical Association of Canada (MAC) Annual Meeting** is November 1-3, 2021 at 2021 annual GAC-MAC meeting, Western University, London, Ontario. With the goal of the government to have all Canadians vaccinated by September, the goal of the LOC is to offer a GAC-MAC meeting with the traditional in-person focus – providing opportunities for networking, informal discussion and feedback, and social events – but still with the option for virtual presentations and participation. Please check the GAC-MAC 2021 [website](http://community.geosociety.org/mgpvdivision/home) for new abstract submission and registration dates, and other information pertaining to the rescheduled annual meeting.


Because of the global pandemic, the International Clay Conference 2022 (17th ICC 2022) in Istanbul, Turkey meeting has been postponed from 2021 to 2022. This means that the meeting originally planned for 2022 has been cancelled and the new, online-only meeting for 2021 is being organized. As soon as details are confirmed, the [meeting page](http://community.geosociety.org/mgpvdivision/home) will be updated.

• **Nominations for the CMS 2021 Awards.** Deadline is March 7, 2021. [Details](http://community.geosociety.org/mgpvdivision/home).

• **Goldschmidt 2021.** The 2021 Goldschmidt Conference will be a hybrid format, combining an onsite meeting for delegates who can travel, with an online meeting for those who cannot, while aiming to promote as much
interaction as possible between the two types of delegates. The European Association of Geochemistry and the Geochemical Society believe that, with the appropriate safety measures in place, it should be possible to hold a safe and rewarding meeting at the Lyon Congress Centre on 4-9 July.

- **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 June 1.

- The Mineralogical Society of America (MSA) invites applications for the [2021 MSA Grant for Research in Crystallography](#) and for the [2021 MSA Student Research In Mineralogy and Petrology](#). There are up to three research grant awards of $5,000 each. Application deadline is March 1, 2020. Awardees must be MSA members; MGPV student members are invited to apply.

- 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.

- The Mineralogical Society of Great Britain & Ireland (MSGBI) offers [travel/research bursaries](#) directly and through its constituent special interest groups (Applied Mineralogy, Clay Minerals, Volcanic and Magmatic Studies, Metamorphic Studies, Geochemistry, Environmental Mineralogy Group, Mineral Physics, Geomicrobiology). Visit [https://www.minersoc.org/bursaries.html](https://www.minersoc.org/bursaries.html). MSGBI also offers free membership to students for one year. This includes a subscription to [Elements](#) and is open to applicants from all countries. Details at [https://www.minersoc.org/membership.html](https://www.minersoc.org/membership.html).

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**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](http://community.geosociety.org/mgpvdivision/join)
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

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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.

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