

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

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Message from the Chair

The MGPV Division is less than two years old, but it is already one of the largest divisions at GSA. It obviously filled a large gap – that of serving hard rockers, geochemists and volcanologists with a geologic approach to science. We are still building this division, and we need you to volunteer to help. So in this column, I will summarize our progress in building the division, and list some of our goals for the immediate future. We hope that you will become inspired to join us in the effort of building our new division. It's a fun group to work with!

In the first year of the Division's existence (2009-2010), a provisional management board was set up: Jim Beard as Chair, Cathy Busby as Vice Chair, Russ Harmon as second Vice Chair, and Alex Speer as Secretary-Treasurer. Cal Barnes joined us in the second year, and we set up an officer election process. We are looking for volunteers to serve on the committee to choose candidates to run for office each year.

Our new Division differs from others at GSA by having appointed representatives from affiliated societies (see last page of this newsletter). They keep the management board informed about the activities of related societies, give us valuable advice, and arrange to co-sponsor sessions and field trips with us. I personally would like to see division members volunteer to set up affiliations with IAVCEI and perhaps with the International Geothermal Association, but your proposals for other affiliations are also encouraged.

One of our first goals was to come up with a more catchy name for our new division, but we failed to find one that would cover all the bases as effectively as "MGPV". However, we did come up with a logo, with the help of Russ Harmon's son, who is a graphic artist. It will be displayed at our booth, which will be present for the first time in Minneapolis.

One of the achievements I am happiest about is the establishment of the MGPV Distinguished Geologic Career Award. This award differs from those given by other more specialized societies, in that it honors those who have made outstanding contributions by taking a generalistic, multidisciplinary approach, with a strong field

component. The first year, our award went to Peter Lipman, and as a new division, we were allowed to organize a supersession in his honor, which we filled with invited talks on the geology of major continental volcanic fields (to a SRO crowd). This year we are honoring John Ferry, who will give an extended invited talk in the session “Turning up the Heat: Metamorphic Perspectives on Mineral Equilibria, Heat Transport, Tectonics, and Thermochronology”, organized by Emily Peterman and Matthew Kohn. Our business meeting will follow that session, so please stay and get involved! We also want to thank those who have nominated candidates, and our selection committees, who have had a very challenging task choosing from an outstanding list of nominees. Starting this summer, we will be on schedule to select awardees well over a year in advance of the annual meeting, so that we will have time to find a volunteer to propose a “honor session” on a relevant theme. Remember, session proposals are due on January 11 of each year.

Speaking of MGPV Division sponsored sessions, we have made a big splash at the annual meetings, but now we want volunteers to organize division-sponsored sessions at the Section meetings. This is part of a larger goal of GSA: to encourage participation in Section meetings by soliciting sessions and talks from other regions of the US or the world, or on topics that are not regional in scope. For most people, it’s a lot less expensive to attend a Section meeting, which also makes them more attractive to students, who add so much vitality to our meetings. As our “bank account” grows, we want to do more and more for students (please donate!).

And speaking of students, this year we established an annual student research award. At our reception at the annual meeting this year, we will give research money and plaques to the following two students (in alphabetical order): William F. Defliese of University of Michigan (in geochemistry), and Stephanie B. Grocke, of Oregon State University (in volcanology). It was very difficult to narrow this down to two students. In future years, we would like to award more student research grants, and also add conference travel awards, and subsidize student participation in Division-sponsored field trips. But we need your help, both for financial sponsorship, and for serving to identify the most deserving students.

Two more items. If you look at the last page of this newsletter, you will see that the division newsletter editor and the division webmaster are “yet to be determined”. Our Secretary-Treasurer, Alex Spear, has been cheerfully shouldering a large burden, keeping track of our finances and bylaws, writing our reports, and so on, in addition to creating the newsletter. We need to find someone who would really enjoy taking this job over for the long term, and making it fun. However, GSA has found that many younger scientists don’t read attachments because they are hard to see on a smart phone – but there’s no problem seeing a well-designed web site on a smart phone. We are hoping that someone with an artistic eye will volunteer to reach out to the community, by designing and maintaining an MGPV website that is linked with the GSA site. Our business meeting will be 12-12:30 PM on Sunday October 9 at the convention center – please join us and volunteer to help!

MGPV will hold a reception on Tuesday October 11, from 5:45-7:30, jointly with two of its affiliated societies - MSA & GS (in MCC Ballroom B). The cost will be \$10 for professionals and \$5 for students. We will present John Ferry’s award in an informal, very brief ceremony (ten minutes max, I promise), applaud the two student research

awardees, and spend the rest of the time networking and enjoying our fellowship. Please join us!

Cathy J. Busby, Chair (2011)

MGPV Division Distinguished Geologic Career Award

The MGPV Division is pleased to announce that **John M. Ferry**, Johns Hopkins University, is the 2011 Distinguished Geologic Career Awardee. The award will be presented during the 2011 GSA Annual Meeting, Minneapolis, Minnesota USA.



Dr. Ferry is cited for his contributions to the theory of fluid-rock interactions. His science is fundamentally field-based and his tools predominantly chemical and petrological, but the insights have overwhelming physical implications - his systematic evaluation of the role of fluid migration during regional metamorphism from many field areas worldwide forms the basis for understanding of the long-term permeability of the mid to lower crust. He conducts careful, systematic field studies to test his models and those of others. These studies have demonstrated that different models best explain observations from individual field sites - that nature is not as simple as any single model. On Earth, crustal devolatilization during metamorphism influences the mechanical strength and thermal structure of the continents, and contributes to element cycling between the earth, atmosphere, and oceans. Until the pioneering field studies of John Ferry and his students and colleagues, these impacts could not be realistically quantified.

MGPV Division Student Research Grants

This year the MGPV Division established an annual student research award. The 2011 awardees are:

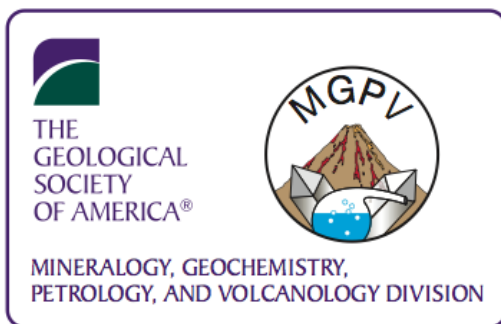
William F. Defliese of University of Michigan for his project: *Evaluation of mass-47 Clumped Isotope Thermometry in Meteoritic Calcite Cements as a Proxy of Earth Surface Paleotemperatures.*

A newly developed paleothermometer, mass-47 clumped isotopologues ($^{47}\text{CO}_2$), based on the temperature dependence of $^{13}\text{C} - ^{18}\text{O}$ bonds in carbonate, has been calibrated using biotic and experimentally precipitated carbonates. This paleothermometer provides a new reference for reconstructing Earth surface temperatures over the Phanerozoic, and is particularly exciting because it is independent of the $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ values of the precipitating fluid. This study will extend its application to naturally-formed diagenetic low-Mg calcites as a requisite to studying ancient sequences. Analysis of meteoric Pleistocene-aged cements, collected across a temperature

gradient from Barbados, Florida and Bermuda, will test whether reasonable temperatures can be obtained from diagenetic phases, both cements and co-occurring allochems that have been replaced by low-Mg calcite. By combining mass-47 paleothermometry with bulk $\delta^{18}\text{O}$ composition, it will be possible to estimate $\delta^{18}\text{O}_{\text{seawater}}$, and affirm either a secular change in seawater composition or a globally warm Paleozoic world.

Stephanie B. Grocke, of Oregon State University for her project: *The Cerro Galan caldera, NW Argentina: tracking the evolution of postcollapse volcanism using melt inclusions*

She will examine the magmatic evolution of postcollapse volcanism at the Cerro Galan caldera in Argentina and in the process, define the magmatic conditions that result in resurgent uplift of the caldera floor. Two mechanisms have been identified to explain the compositional variability of postcollapse lava domes at different calderas. The first relates to mafic postcollapse lava domes in the Long Valley Caldera in California, which are interpreted to have tapped lower levels of the remnant zoned magma chamber. The second explains postcollapse rhyolitic domes in the Valles caldera in New Mexico, which are suggested to represent progressive evolution of the magmatic system. Her initial study found that progressive evolution can explain the rhyolitic postcollapse lavas within the Guacha Caldera in the Central Andes (Grocke et al., 2010), but further research is required to test whether this interpretation is regionally consistent.



MGPV Logo

MGPV has a logo, and one that meets the new suggested GSA standards. The logo was designed by Brendan Harmon, a graduate student in geography at Oxford University. The final lay out was by Margo Sajban of GSA.

MGPV at Minneapolis GSA 2011

Reception. The MGPV Division will join with the Mineralogical Society of America and the Geochemical Society in a joint reception on Tuesday, 11 October 2011: 5:45 PM-7:45 PM, Minneapolis Convention Center (MCC), Ballroom B. Cost is \$10 professionals, \$5 students.

MGPV 2011 Distinguished Geologic Career Award. The MGPV Division's 2011 Distinguished Geologic Career Award will be presented to John M. Ferry, Johns Hopkins University, during the MGPV Reception.

MGPV Division Student Research Grants. William F. Defliese, University of Michigan, and Stephanie B. Grocke, Oregon State University, MGPV Division student research grants recipients will be recognized during the MGPV Reception.

Business Meeting. The Division will have the required business meeting Sunday, 9

October 2011 12:00 PM-12:30 PM, Minneapolis Convention Center: Room 102D-F. There will be a brief update about the Division, and an opportunity to ask questions or make comments.

Technical Sessions. MGPV and its Associated Societies are sponsoring 4 Pardee Keynote Symposia, 35 half day oral technical sessions, and 8 poster technical sessions. Dr. Ferry will give his *Distinguished Geologic Career Award Lecture - When the Heat is Turned Up, Look Out for the Hot Water* at the MGPV-sponsored session on "Turning up the Heat: Metamorphic Perspectives on Mineral Equilibria, Heat Transport, Tectonics, and Thermochronology" (T35) Minneapolis Convention Center: Room 102D-F, 1:30 PM-5:30 PM, Sunday, 9 October 2011.

2012 Annual Meeting in Minneapolis, MN Sessions sponsored by MGPV and its Associated Societies

Pardee Keynote Symposia

P002. Honoring British Geologist Arthur Holmes (1890-1965) for Contributions to Geochronology, Plate Tectonics, and the Origin of Granite, (*Geological Society London; GSA International Section; International Association of GeoChemistry; GSA History and Philosophy of Geology Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Structural Geology and Tectonics Division*)

P004. Rare Earth Elements and Critical Minerals for a Sustainable and Secure Future, (*GSA Geology and Society Division; GSA Geology and Public Policy Committee; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division*)

P005. The EarthScope Program: Recent Results and Future Projects, (*GSA Geophysics Division; GSA Structural Geology and Tectonics Division; GSA Geoinformatics Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division*)

P008. Global Water Sustainability, (*Mineralogical Society of America; Geochemical Society*)

Technical Sessions - oral

T001. Oceanic and Juvenile Continental Crust Formation in the Precambrian, (*GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Structural Geology and Tectonics Division; GSA International Section; Precambrian [At Large]; Geochemical Society; Mineralogical Society of America*)

T003. The Archean of North America: The Core of a Continent, (*GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Geophysics Division; GSA Structural Geology and Tectonics Division; Mineralogical Society of America; Geological Association of Canada*)

T007. Exploring Subsurface Terranes and Buried Basins of Eastern and Central North America-Geology, Geophysics, and Geochronology, (*GSA Structural Geology and Tectonics Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Geophysics Division; GSA Environmental and Engineering Geology Division; EarthScope; U.S. Geological Survey*)

T012. From Nuna to Rodinia: Proterozoic Growth and Evolution of Laurentia I, (*GSA Structural Geology and Tectonics Division; GSA Geophysics Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; Geological Association of Canada; Mineralogical Society of America*)

T016. Linking Modern and Ancient Orogens, (*GSA Structural Geology and Tectonics Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Geophysics Division; SEPM (Society for Sedimentary Geology); GSA Sedimentary Geology Division*)

T025. Recent Advances in Studies of Large-Volume Silicic Volcanism: Stratigraphy, Architecture, Evolution, (*GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Structural Geology and Tectonics Division; Mineralogical Society of America*)

- T030. Earth's Deep Interior: In Honor of Motohiko Murakami, 2011 MSA Awardee, (*Mineralogical Society of America; GSA Geophysics Division*)
- T031. Monazite: The Ultimate Geologic Record, (*GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Structural Geology and Tectonics Division; Mineralogical Society of America*)
- T032. Ophiolites, Ultrahigh Pressure Minerals, and the Origin of Podiform Chromitites: Implications for Mantle Heterogeneity, (*Mineralogical Society of America; GSA International Section*)
- T034. Ultrahigh-Pressure Metamorphism: Observations from Nano- through Outcrop- to Plate-Tectonic Scales I: In Honor of J.G. Liou, 2011 MSA Roebling Medalist, (*Mineralogical Society of America*)
- T034. Ultrahigh-Pressure Metamorphism: Observations from Nano through Outcrop to Plate-Tectonic Scales II: In Honor of J.G. Liou, 2011 MSA Roebling Medalist (Note: This session has moved to Wednesday, 8 a.m.-noon, Room 101FG), (*Mineralogical Society of America*)
- T035. Turning up the Heat: Metamorphic Perspectives on Mineral Equilibria, Heat Transport, Tectonics, and Thermochronology, (*GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Structural Geology and Tectonics Division; Mineralogical Society of America*)
- T063. Permian-Triassic Changes and Extinction Event: New Insights from Sedimentary, Geochemical, and Paleobiological Records and Modeling Approaches I, (*GSA Sedimentary Geology Division; GSA Geobiology & Geomicrobiology Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division*)
- T063. Permian-Triassic Changes and Extinction Event: New Insights from Sedimentary, Geochemical, and Paleobiological Records and Modeling Approaches II, (*GSA Sedimentary Geology Division; GSA Geobiology & Geomicrobiology Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division*)
- T066. Advances in Terrestrial Paleoclimatology and Paleoecology: Geochemical Techniques and Examples Using Inorganic and Organic Molecules in Fossil Soils, Plants, Invertebrates, and Vertebrates I, (*GSA Geobiology & Geomicrobiology Division; Paleontological Society; Geochemical Society; GSA Archaeological Geology Division*)
- T070. Mineralogy, Geochemistry, and Physical Properties of Atmospheric Mineral Dust: Influences on the Atmosphere, the Cryosphere, Ecosystems, and Humans, (*GSA Quaternary Geology and Geomorphology Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; The Mineralogical Society; Mineralogical Society of America*)
- T103. Processes within Extreme Lake Systems, (*GSA Limnogeology Division; GSA Hydrogeology Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division*)
- T106. The Mono Lake Basin: A Gathering of Disciplines, (*GSA Limnogeology Division; GSA Quaternary Geology and Geomorphology Division; GSA Structural Geology and Tectonics Division; GSA Geobiology & Geomicrobiology Division; GSA Geophysics Division; GSA Hydrogeology Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Sedimentary Geology Division*)
- T117. Uranium in Groundwater: Biogeochemical Controls on Mobility and Persistence, (*GSA Hydrogeology Division; GSA Geobiology & Geomicrobiology Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division*)
- T129. Spectroscopy for the Geosciences in the 21st Century, (*GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; International Association of GeoChemistry*)
- T204. Advances in Characterizing Sources and Release of Naturally Occurring Trace Elements to Aquatic Systems and Groundwater, (*GSA Geology and Health Division; GSA Hydrogeology Division; Minnesota Ground Water Association; GSA Environmental and Engineering Geology Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division*)
- T212. Impact Cratering on the Earth, Moon, and Planets: Remote, Field, and Lab Studies, (*GSA Planetary Geology Division; GSA Sedimentary Geology Division; GSA Geophysics Division; GSA Structural Geology and Tectonics Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; International Continental Drilling Program*)
- T212. Impact Cratering on the Earth, Moon, and Planets: Remote, Field, and Lab Studies, (*GSA Planetary Geology Division; GSA Sedimentary Geology Division; GSA Geophysics Division; GSA Structural Geology and Tectonics Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; International Continental Drilling Program*)

T214. Exploring Mercury by Spacecraft: First MESSENGER Results from Orbit, (*GSA Planetary Geology Division; GSA Geophysics Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Structural Geology and Tectonics Division*)

T215. Terrestrial Analogs in Solar System Studies, (*GSA Planetary Geology Division; GSA Structural Geology and Tectonics Division; GSA Geophysics Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Sedimentary Geology Division; GSA Quaternary Geology and Geomorphology Division; GSA Geobiology & Geomicrobiology Division; GSA Limnogeology Division; GSA Hydrogeology Division*)

Technical Sessions - Posters

T003. The Archean of North America: The Core of a Continent, (*GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Geophysics Division; GSA Structural Geology and Tectonics Division; Mineralogical Society of America; Geological Association of Canada*)

T007. Exploring Subsurface Terranes and Buried Basins of Eastern and Central North America—Geology, Geophysics, and Geochronology, (*GSA Structural Geology and Tectonics Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Geophysics Division; GSA Environmental and Engineering Geology Division; EarthScope; U.S. Geological Survey*)

T025. Recent Advances in Studies of Large-Volume Silicic Volcanism: Stratigraphy, Architecture, Evolution, (*GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Structural Geology and Tectonics Division; Mineralogical Society of America*)

T028. Basic and Applied Aspects of Clays and Clay Minerals in Continental Settings, (*GSA Limnogeology Division; Clay Minerals Society; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Environmental and Engineering Geology Division; Mineralogical Society of America*)

T031. Monazite: The Ultimate Geologic Record, (*GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; GSA Structural Geology and Tectonics Division; Mineralogical Society of America*)

T070. Mineralogy, Geochemistry, and Physical Properties of Atmospheric Mineral Dust: Influences on the Atmosphere, the Cryosphere, Ecosystems, and Humans, (*GSA Quaternary Geology and Geomorphology Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; The Mineralogical Society; Mineralogical Society of America*)

T124. Potentially Toxic Elements in the Environment: A Session for Students, (*Geochemical Society*)

T212. Impact Cratering on the Earth, Moon, and Planets: Remote, Field, and Lab Studies, (*GSA Planetary Geology Division; GSA Sedimentary Geology Division; GSA Geophysics Division; GSA Structural Geology and Tectonics Division; GSA Mineralogy, Geochemistry, Petrology, and Volcanology Division; International Continental Drilling Program*)

Associated Society Special Sessions

197. Mineralogical Society of America Awards Lectures, Presidential Address, (*Mineralogical Society of America*)

MGPV at GSA Sectional 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 been small. Consider developing and submitting theme session topics for 2012 and 2013 Section meetings. Now is the time to approach the organizers of those meetings to get MGPV Division theme sessions into the programs. Contacts are listed on the GSA Section Meetings page <<http://www.geosociety.org/meetings/>>.

MGPV Membership and Finances

Membership: There were 1,383 Division members as of 07/25/2011, up from 955 on 12/31/2010. Please remember to renew your Division membership at GSA annual membership renewals time, and encourage your colleagues to join. If a GSA member has already renewed, they can, at any time, join the Division by filling out a form. Go to <<http://www.geosociety.org/members/joindiv.htm>>. Return the form to GSA or contact GSA Sales and Service; send them your member ID, name, credit card information, and the name of the Division. (It is clearly easier to join a Division at renewal time!) Division dues are: Student, Recent Grad, or K-12 Teacher - \$5, Professional Member or Fellow - \$10. We have received overwhelming support from the community for this effort. Please help us sustain a strong start by joining, asking others to join, and volunteering.

Finances: GSA reports that the MGPV Division has a balance of \$12,310.94 as of 06/30/2011. This balance is good, but dues are collected the first half of the year and all of the Division's expenses (MGPV award, student research grants, reception, exhibit booth, annual meeting) occur the second half of the year, so the picture will soon change.

Announcements from Adhering Associated Societies

- The Clay Minerals Society (**CMS**) will hold the **CMS Annual Meeting** on Sept. 25-29, 2011, in Lake Tahoe, NV. Abstract deadline is August 5, 2011. See

<<http://www.clays.org/annualmeeting/announcement.html>>

for field trip, workshop, and symposia topics. The workshop "Trace Elements in Clays" will be held Sunday, September 25, 2011. Contact Sam Traina, General Chair, for the meeting details, straina@ucmerced.edu.

- The Mineralogical Society of America (**MSA**) will have its Award & Presidential Lectures at Minneapolis GSA 2011 - Tuesday, 11 October. These lectures will be later that afternoon starting at 3:00 pm. Juhn G. (Louie) Liou will give the MSA Roebling Medal Lecture: "Petrochemistry and Geochronology of the Dabie-Sulu Ultrahigh-Pressure Metamorphic Terrane of East-Central China – A Summary". Motohiko Murakami will give the MSA Award Lecture: "Mineralogy and chemistry of the Earth's lower mantle". Dave Bish's MSA Presidential Address will be "Water" in minerals is not really water".

- The Mineralogical Society of Great Britain & Ireland (MSGBI) Applications are invited for a number of travel bursaries which are to be awarded by the Society. There are two kinds:

Postgraduate Student Bursary awards are supported by a fund of approximately £4,000 is allocated each year for the support of postgraduate students proposing to attend appropriate conferences to present their research findings, visit research labs, or to fund important field-work. The next deadline for receipt of applications is 13th January 2012. A decision will be made at the March 2012 Council meeting. Details at <<http://www.minersoc.org/pages/awards/pg.html>>.

Senior Travel Bursary awards support academic work by: allowing attendance at overseas conferences and meetings; encouraging international collaboration, involving research of high merit; or supporting fieldwork. The next deadline for receipt of applications is 13th January 2012. A decision will be made at the March 2012 Council meeting. Details at <<http://www.minersoc.org/pages/awards/senior.html>>.

- The Mineralogical Association of Canada (**MAC**) have awards travel and research grants to assist honours undergraduate and graduate students in the mineral sciences to present their research at a conference, visit a facility, laboratory, or field area to gather data for their research, or to pay for analyses or equipment for an independent research project that will complement their main research project. The maximum grant value is CAN\$1,200 per student. Grants will fund up to 50% of costs incurred for registration, travel and subsistence, and up to 100% of other research costs (e.g., equipment, analyses). Quotations and receipts may be requested for any equipment purchased. **Deadline for application: January 15, 2012.** Details at <<http://www.mineralogicalassociation.ca/index.php?p=101>>

- **Goldschmidt 2012**, 24 - 29 June 2012 • Montréal, Canada. The conference website is <<http://www.vmgoldschmidt.org/2012/index.htm>>, but you can sign up to automatically receive updates now. Deadline for session proposals: 12 Sept. 2011. Abstract deadline is February 1, 2012. There will be **student travel grants** for those whose abstracts are accepted, details will appear on the Geochemical Society website <<http://www.geochemsoc.org/>>.

MGPV Newsletter

The newsletter of the Mineralogy, Geochemistry, Petrology, and Volcanology (MGPV) Division is the Division Management Board primary means of communicating information to and among its members.

The MGPV Division plans to publish two newsletters per year. The first after GSA's and Division's Annual Meeting and a second newsletter is issued a month or so before the Annual Meeting. Newsletters will contain Division news, announcements of upcoming meetings, ballot and officer candidate information, calls for award and officer nominations and abstracts, 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, and invite members to submit letters, news items, announcements, or short articles for the newsletter.

Remember, come year-end:

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

Encourage your MGPV-interested colleagues to join.

The easiest time to join or renew your membership in a Division is at renewal time!

Division Management Board

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MGPV Elections

You may vote either online or by paper ballot:

Paper ballot by mail or fax. Please vote by completing the ballot at the end of this section and mailing it to Division Office, Geological Society of America, PO Box 9140, Boulder, CO, 80301-9140, USA. It must be postmarked no later than August 29. You may also submit your completed ballot by fax to +1 (303) 357-1074.

Online. You may vote online by August 29 at:

<<http://rock.geosociety.org/ballot/vote.asp?Name=mgpv>>

Access the online ballot by using either your GSA member number or your e-mail address that is in your GSA member records. For membership assistance, please contact GSA at: <gsaservice@geosociety.org> or call +1 (888) 443-4472.

The officers of the MGPV Management Board changes yearly after the Division Annual Business Meeting. Elections are held over 30 days annually for the position of Second Vice Chair and biennially for the position of Secretary-Treasurer. According to the Division By-Laws, the current Division Chair (Cathy J. Busby) will advance to the office of Past Chair, the current Division First Vice-Chair (Russell Harmon) will advance to the office of Chair, and the current Second Vice-Chair (Calvin G. Barnes) will advance to the office of First Vice-Chair. Below is the ballot to elect a new Second Vice-Chair. The Secretary-Treasurer (J. Alex Speer) continues in office.

Biographical information on the candidates:

Second Vice-Chair 2011 – 2012 (1 year term)

Eric H. Christiansen - Ph.D. 1981, Arizona State University and Sc.M. Brown University, is currently Professor of Geological Sciences at Brigham Young University in Provo, Utah. Dr. Christiansen is an igneous petrologist and volcanologist with interests in magmatic processes especially in the Basin and Range Province and Snake River Plain of the western United States. Dr. Christiansen is a GSA Fellow and member of AGU, SEG, and the Geochemical Society and has served in various department and university administrative capacities. He has supervised 25 MS students and is author or coauthor of 53 peer-reviewed papers and of multiple editions of 3 textbooks. He is concerned that the study of mineralogy, petrology, and geochemistry remain central to the broader discipline of Earth science. He is also interested in making the results of our research as broadly available as possible through open access. Homepage: <<http://www.geology.byu.edu/employee-profiles/eric-christiansen/>>.

Yildirim Dilek - Ph.D. 1989, University of California at Davis, is currently Distinguished Professor of Geology at Miami University. Dr. Dilek's varied research interests include the formation and alteration of ocean crust; the structure, petrology and geochemistry of ophiolites and greenstone belts; and, the origin and evolution of life in the Archean. He

has worked extensively in the North American Cordillera as well as in Turkey, Cyprus, Albania, Greece, Norway, and Tibet-China. Among other honors, Dr. Dilek is the recipient of the GSA Distinguished Service Award, the Distinguished Career Award from the GSA International Division, and the Neil Miner award of the National Association of Geoscience Teachers. He was chief editor of the *GSA Bulletin* from 2003-6 and Associate editor of *Geology* from 2006-09. He also served as the Chair of the GSA International Division. He has supervised 20 MS and Ph.D. students and is author or co-author of 142 peer-reviewed papers. He is excited about the rapid growth of the MGPV division and wants to see the momentum continued via pro-active recruitment of professional and student members nationally and internationally, organization of division-sponsored scientific sessions and other events at GSA meetings, and the continuation of the strong interdisciplinary focus of the Division. Homepage: <<http://www.units.muohio.edu/geology/people/dilek.html>>.

**MEMBERS OF GSA
MINERALOGY, GEOCHEMISTRY, PETROLOGY, AND VOLCANOLOGY (MGPV) DIVISION
Ballot for 2011 - 2012 Officers MGPV Division**

Vote by completing the section at the bottom and mailing it to GSA postmarked no later than August 29. Biographical information on the candidates is on the following page.

Balloting will be **open through August 29**. Ballot link to vote through on-line system:

<http://rock.geosociety.org/ballot/vote.asp?Name=mgpv>

Access the online ballot by using either your GSA member number or your e-mail address that is in your GSA member records. For membership assistance, please contact GSA at: gsaservice@geosociety.org or call (888) 443-4472. You may also submit your ballot by Fax: (303) 357-1074.

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Second Vice-Chair (one-year term; please vote for one candidate):

- () **Eric H. Christiansen**
 () **Yildirim Dilek**
 () Write-in _____

Mail Ballot To: Division Office, Geological Society of America
 PO Box 9140, Boulder, CO, 80301-9140

You must complete the following section to validate your ballot:

Your Name (printed) _____

Your Signature (required) _____

Your GSA Member Number * (required) _____

* Your 7 digit GSA member number is on the top right corner on the external mailing label. If you need assistance with your member number, call: (888) 443-4472