



American Geophysical Union
Volcanology, Geochemistry, and Petrology Section
Newsletter: September 2013

Dear Colleagues,

Here is the September issue of the AGU Volcanology, Geochemistry and Petrology (VGP) Section newsletter. Please visit the [VGP-section Web site](#) for further news and information. Items for future newsletters may be sent to [Sarah Fagents](#).

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1. MESSAGE FROM THE PRESIDENT

Cooperation with the Geochemical Society

I am pleased to announce that VGP is part of a new cooperation involving AGU, this time with the Geochemical Society (GS). Both AGU and GS have agreed to sign a Memorandum of Understanding similar to ones already signed with the Mineralogical Society of America (MSA) and European Geosciences Union (EGU). Further details will be available soon, but for now I would like to thank Catherine Chauvel, VGP President-elect, and especially Rick Carlson, GS President, for bringing this to fruition.

***Eos* Editorial Advisory Board**

Lora Armstrong is the newly appointed VGP representative to the *Eos* Editorial Advisory Board, where she will assist on VGP-relevant issues as well as provide general advice and input on ways to improve *Eos*. Welcome, Lora! I would also like to thank Paul Renne for his long and productive years of service in this role.

VGP Bowen and Kuno Awards and Daly Lecturer

I am pleased to announce the recipients of the Bowen Award for 2013 -- Donald Dingwell (Ludwig-Maximilians-Universität München) and James Head (Brown University) -- and the recipient of the Kuno

Award for 2013 -- Frédéric Moynier (Washington University in St Louis). The Daly Lecture at the 2013 Fall Meeting will be given by Dante Canil (University of Victoria). Thanks go to Colin Wilson, Bowen Award Chair, and Cin-Ty Lee, Kuno Award Chair, and their committees for their diligent work, and congratulations to all!

AGU Union Honors

I would also like to congratulate the recipients of Union honors who are affiliated with VGP. The Harry Hess Medallist for 2013 is Bernie Wood (Oxford University) and six AGU Fellows have been elected for 2013 who are affiliated with VGP:

Christopher Ballentine (University of Manchester)
C. Page Chamberlain (Stanford University)
Susan Humphris (Woods Hole Oceanographic Institution)
Michael Perfit (University of Florida)
William Rose (Michigan Technological University)
Peter Zeitler (Lehigh University)

Many thanks to Hans Keppler, VGP Fellows Chair, and his committee for their dedicated work, and congratulations to all recipients!

AGU Student Travel Grants

Thanks to everyone who volunteered to help review applications for AGU Student Travel Grants program for the 2013 AGU Fall Meeting. The response was overwhelming and we had a full slate of reviewers for VGP-affiliated applications. Many thanks to all of the reviewers for their help.

I am pleased to announce that the VGP-section executive committee has agreed to support student travel grant awards again this year with up to \$5,000 to be made available, which means that **29** VGP-affiliated student travel grants could be awarded. In this way, VGP invests in itself through support of its students, and put faces on the use of donors' contributions. Congratulations to the successful 2013 recipients:

Amy Laura Parker (University of Bristol, UK)
Anita Marie Marshall (University of South Florida, USA)
Arianna Soldati (University of Missouri, Columbia, USA)
Cindy Mora-Stock (Christian-Albrechst-Universitaet zu Kiel, Germany)
Claudia Valentina Pavez (University of Chile, Chile)
Daniel Petrash (University of Alberta, Canada)
Dayana Andrea Schonwalder (University at Buffalo, State University of New York, USA)
Elizabeth Westby (Portland State University, USA)
Emily A. Pringle (Washington University, St. Louis, USA)
Hester C. von Meerscheidt (Boise State University, USA)
Holly Anne Lydia Elliott (University of Southampton, UK)
Hui Huang (Durham University, UK)
Jenny Petra Caren Jossee Schaurth (Ludwig Maximilians University of Munich, Germany)
Kaitlin Rose Rempfert (University of Minnesota, Twin Cities, USA)
Karin Siegel (McGill University, Canada)
Lisa Whalen (Virginia Polytechnic Institute and State University, USA)
Maria Christina Valdes (Washington University, St. Louis, USA)

Marie Detienne (Université Catholique de Louvain, Belgium)
Mojhgan Arianna Haghnegahdar (University of California, Los Angeles, USA)
Nicole R. Fontanella (University of Pittsburgh, USA)
Rachel Emily Kronyak (Pennsylvania State University, USA)
Rebecca Greenberger (Brown University, USA)
Santiago Arellano (Chalmers University of Technology, Sweden)
Sijia Dong (Nanjing University, China)
Sima Yazdani (University of California, San Diego, USA)
Solene Pouget (University at Buffalo, State University of New York, USA)
Sri Budhi Utami (McGill University, Canada)
Teresa Wen-Yu Hsia (National Taiwan Normal University, Taiwan)
Yang Yang (Guangzhou Institute of Geochemistry, Chinese Academy of Sciences, China)

We are also pleased to pass on the good news that one of the **Lloyd V. Berkner Travel Fellowships** has been awarded to a VGP-affiliated student, Engielle Mae R. Paguican (University of Phillipines, Phillipines). Congratulations!

Last year, the VGP-section gave \$4,458.40, which enabled seven travel grants to be given to VGP-affiliated students – with no contribution there would have been only one VGP-affiliated travel grant. Congratulations to the VGP-affiliated students who received these grants last year:

Aika Kurokawa (University of Tokyo, Japan)
Alicja Wypych (Miami University, USA)
Elena Charlene Maters (Université catholique de Louvain, Belgium)
Florence Bégué (University of Canterbury, New Zealand)
Laura B. Carter (University of Bristol, UK)
Natalie Elizabeth Sievers (University of Maryland, USA)
Olivia Barbee (Northern Arizona University, USA)

VGP and social media

The VGP-section is now on social media with the aim of better communicating with its diverse membership (especially students) and as part of the strategy for education and outreach. Check out [VGP on Twitter](#) where highlights include on-the-spot tweets from the recent International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI) and Goldschmidt meetings. Thanks to Karen Harpp, Education and Outreach Chair, for helping out and a special thanks to Erik Klemetti for generating content and followers (284 and counting). VGP is also dipping its toe into the waters of [Facebook with a VGP Page](#) and we have a [VGP subgroup on LinkedIn](#) with more than 1,000 members. The social media strategy of VGP is still very much a developing process, and we are open to all suggestions and comments, and especially interested volunteers who would like to help out with content or strategy. If you are interested, please contact [Catherine McCammon](#) and [Karen Harpp](#) for more details.

—Catherine McCammon
AGU Section President, Volcanology, Geochemistry, and Petrology

2. VGP AT THE AGU EXPLORATION STATION

For the first time this year, VGP will be participating in the Exploration Station, an open house event for local San Francisco families and teachers that provides hands-on activities from across the geosciences. We'll be designing and manning a booth on volcanoes, of course! We are looking for some enthusiastic and energetic volunteers interested in helping design, set up, and implement the activities. Exploration Station takes place on 8 December, from 1:00–5:00 P.M. (the Sunday before the meeting). If anyone is interested, please contact [Karen Harpp](#) to join the planning team. Further details about the Exploration Station are available on the [AGU Web site](#).

3. REPORT FROM THE VGP SECRETARIES: 2013 AGU FALL MEETING

Approximately 1,250 abstracts have been grouped into nearly 50 VGP sessions for the 2013 AGU Fall Meeting in San Francisco (9–13 December). The program is not yet scheduled, but please plan on attending the Bowen lectures to be given by James Head and Donald Dingwell on Tuesday, and the Daly lecture by Dante Canil on Thursday. This year, the Mineralogical Society of America's Dana medalist, Patricia Dove, will be presenting a lecture in a session entitled Mineralization Processes in Biological and Inorganic Environments, to occur on Wednesday.

Other sessions will examine advances in understanding the evolution of Earth's mantle and deep crust, the connection between intrusive and extrusive magmatism, magma-ore relationships, as well as atmospheric oxygenation, magma and fluid transport dynamics and reactive flow, geologic carbon sequestration, non-traditional isotopes, regional studies in California and the arcs of the Western Pacific, and monitoring volcanic unrest. A Union session on the evolution of atmospheric methane since the Precambrian will consider geochemical cycles as well as anthropogenic influences. Newly introduced last year, SWIRL sessions promote cross-cutting themes among sections and focus groups. This year's themes include characterizing uncertainty, dust and aerosols, computational methods across scales, global soils, and urban systems. The SWIRL sessions hosted by VGP in 2013 include sessions on soil salts on Earth and Mars, quantifying uncertainty in natural hazards, microphysical processes occurring in volcanic ash clouds, and the VGP perspective on data-driven science and development of cyber-infrastructure for its curation and utilization.

To all, we extend an invitation to [share your ideas about the session development process](#) in planning future AGU Fall Meetings. Focused and constructive e-mails would be ideal. For example, do you prefer broadly-defined and inclusive "super sessions," or smaller "boutique" sessions on specialized topics?

Julia will be rotating out as secretary at the end of the year, while Vickie stays on to help train Don Baker for the 2014 Fall Meeting.

Your current secretaries,
[Julia Hammer](#) and [Vickie Bennett](#)