PRESIDENT’S LETTER

The Many Facets of Mineralogy

In February of this year, I attended the Tucson Gem and Mineral Show (TGMS) in my role as president of the Mineralogical Society of America (MSA). The TGMS is one of the largest mineral shows in the world, and tens of thousands of collectors, scientists, and students from around the world gather annually in Tucson. During my career, I have largely seen only one aspect of mineralogy, teaching and academic research, and I wanted to learn more about its other dimensions. Embarrassingly, I had never before attended the TGMS, although many of mineralogy’s leading research scientists are annual fixtures at the event. Furthermore, many TGMS attendees are well known as sources of outstanding specimens for scientific study, thus providing an invaluable link between the field and the laboratory in the mineral sciences. The Mineralogical Society of America has had a long and recurring presence at the TGMS, as a cosponsor of the annual Tucson Mineral Symposium and as an exhibitor. Many MSA members attend the Show, including members from the collecting, museological, gemological, and mineral-research communities; many past MSA presidents were also in attendance. It was a privilege to attend the TGMS and meet MSA members representing the many aspects of the discipline.

Perhaps more than any other scientific field, mineralogy is multifaceted and attracts people to each of those many facets. For example, just this week I will be giving a talk to the Burlington Gem and Mineral Club, a local group in Vermont where members gather monthly to share information about collecting localities, plan collecting trips, display new specimens, and just talk about minerals. Perhaps there is no other scientific endeavor where there is such wide interest in the discipline’s object of study and where members of the general public form clubs for monthly meetings and discussion. Attending the TGMS was a good reminder to broaden my view of the mineral sciences and to keep in mind that interest in minerals comes from many different directions. I was pleased to observe the breadth of mineralogy and to see that members of the Mineralogical Society of America represent all of its facets. I was also reminded that Colonel Washington A. Roebling, our Society’s principal benefactor and the eponym of MSA’s highest honor, was a bridge builder and civil engineer by day, but his greatest passion was collecting minerals. In addition to providing significant financial support to the fledgling Mineralogical Society of America, he made specimens of his prized collection available to others for scientific study. That model continues today.

With my sincere thanks for your support of the Society,

John M. Hughes

NOTES FROM CHANTILLY

Balloting for the 2013 election of MSA officers and councilors is underway. Here is the slate of candidates for the 2013 MSA Council election. President: David J. Vaughan; vice president: Ian Parsons and Steven B. Shirley; secretary: Andrea Koziol; councilors (two to be selected): Cameron Davidson, Edward S. Drew, Philip S. Neuhoff, and Wendy Panero. Howard W. Day continues in office as treasurer. Continuing councilors are Christine M. Clark, Kimberly T. Tait, Isabelle Daniel, and Kirsten P. Nicolaysen.

MSA members should have received voting instructions at their current e-mail addresses. Those who do not wish to vote online can request a paper ballot from the MSA business office. As always, the voting deadline is August 1.

- MSA will have a booth at the GSA meeting, Denver, Colorado, USA, on 27–30 October 2013. During that week MSA will hold its Awards Lunch; the MSA Presidential Address; a Joint Reception for the MSA, the Geochemical Society, and GSA’s MGPV (Mineralogy, Geochemistry, Petrology, and Volcanology) Division; the Annual Business Meeting; a Council meeting; and breakfasts for the past presidents and associate editors. There will also be lectures by the Roebling Medalist, Frank C. Hawthorne; the MSA Awardee, Wendy Li-Wen Mao; and MSA President John Hughes. Topical sessions will honor the two awardees: T214 – Advances in Mineralogy, Crystallography, and Petrology; In Honor of Frank C. Hawthorne, 2013 Roebling Medalist, organized by Peter C. Burns and Lee A. Great; and T215 – Frontiers in High-Pressure Research: In Honor of Wendy Li-Wen Mao, 2013 MSA Awardee, organized by Yingwei Fei, John G. Liu, and Maria Baldini. Pierrette Tremblay will receive the 2013 Distinguished Public Service Medal at the meeting.

- The 2014 Dana Medal will be presented to Patricia M. Dove at the Fall 2013 Meeting of the American Geophysical Union, San Francisco, California, USA (9–13 December 2013). A special session is being proposed in her honor, at which she will give her Dana Lecture. The medal presentation will be made during the Joint Reception with the Volcanology, Geochemistry and Petrology Section of AGU.

- Authors James R. Craig and David J. Vaughan have kindly made their textbook Ore Microscopy and Ore Petrography (2nd ed.) freely available as a searchable e-book on the “Open Access Publications” page of the MSA website.

J. Alex Speer (jaspeer@minsocam.org)
MSA Executive Director

50- AND 25-YEAR MEMBERS

The following individuals will reach 50 or 25 years of continuous membership in the Mineralogical Society of America during 2013. Their long support of the Society is appreciated and is recognized by inclusion in this list and by the 25- or 50-year pins mailed to them in early January. If you should be on this list and are not, or have not received your pin, please contact the MSA business office.

50-Year Members

Mizuhiko Akizuki  Louis J. Cabri  Kay U. Schuermann
Antonio Arribas Moreno  Delvin S. Fanning  Friedrich Alfred Seifert
George H. Beall  J. Lawrence Katz  Richard A. Sheppard
Peter R. Buseck  H. Wayne Leimer  Tokiko Tiba
Dean C. Presnall  William B. White

25-Year Members

Masaki Akaogi  Gerhard Franz  Alain Manceau
Anton Beran  Georg H. Graithoff  Roger A. Mason
Winifred Farquhar Caponigri  Chris H. Hadjigeorgiou  Catherine Ann McCammon
Andrew Gregor Christy  J. Michael Howard  Alison R. Pawley
Marco E. Ciriotti  George Istrate  David C. Rubie
Kenneth J. Domanic  Bjørn Jamtveit  Paul A. Schroeder
Chiara Maria Domenechetti  Matthew J. Kohn  Yen-Hong Shau
John M. Eiler  Yasuhiro Kudo  Harold H. Stowell
Roberta L. Flemming  Stephen J. Mackwell  Vittorio Tazzoli

50- AND 25-YEAR MEMBERS

John M. Hughes (jmhughes@uvm.edu)
2013 MSA President
The Society welcomes the exceptional students named below to the program’s honor roll and wishes to thank the sponsors for enabling the MSA to join in recognizing them. MSA’s Undergraduate Prize is for students who have shown an outstanding interest and ability in mineralogy, petrology, crystallography, and geochemistry. Each student is presented a certificate at an awards ceremony at his or her university or college and receives an MSA student membership that includes a subscription to Elements and a Reviews in Mineralogy or Monograph volume chosen by the sponsor, the student, or both.

Past Undergraduate Prize awardees are listed on the MSA website, and instructions on how MSA members can nominate their students for the award are also provided.

### Samantha Bauer
George Washington University
Sponsored by Dr. Richard Tollo

### Adam McDaniel
University of Wisconsin–Madison
Sponsored by Prof. Huifang Xu

### Kevin Eric Bone
University of Texas at Austin
Sponsored by Dr. Elizabeth Catlos

### Emily F. Carbone
Smith College
Sponsored by Dr. John Brady

### Hayden Dalton
University of Otago
Sponsored by Dr. J. Palin

### Katherine M. Hresko
Towson University
Sponsored by Dr. David Vanko

### Cory McGregor
University of Oklahoma
Sponsored by Prof. Dante Canil

### Matthew J. Oxman
University of Dayton
Sponsored by Dr. Andrea Koziol

### David M. Rapp
Williams College
Sponsored by Prof. Reinhard Wobus

### Sean Kayser
University of Maryland
Sponsored by Prof. Roberta Rudnick

### Jessica Towell
Indiana University
Sponsored by Prof. David Bish

### Luke Kurey
University of Wisconsin–Madison
Sponsored by Prof. Huifang Xu

### Lauren E. McGraw
University of Maryland
Sponsored by Dr. David London

### David Stewart Walker
University of British Columbia
Sponsored by Dr. James Scoates

### Water–Mineral Publications from MSA

For more description, tables of contents, and online ordering of these books, visit www.minsocam.org or contact Mineralogical Society of America, 3635 Concorde Pkwy Ste 500, Chantilly, VA 20151-1110, USA; phone: +1 (703) 9950; fax: +1 (703) 652-9951; e-mail: business@minsocam.org

### Geochemistry of Geologic CO₂ Sequestration
7–8 December 2013 (prior to 2013 Fall AGU)
Berkeley, California, USA

**Convenors**
Donald J. DePaolo, Lawrence Berkeley National Laboratory
David R. Cole, The Ohio State University
Alexandra Navrotsky, University of California-Davis
Ian C. Bourg, Lawrence Berkeley National Laboratory

Geological formations, such as oil and gas fields, coal beds, and brine aquifers, are likely to provide the first large-scale opportunity for testing the geological sequestration of CO₂, a prospective method for moderating the rapid increase in the concentration of atmospheric CO₂ and mitigating global warming. The geochemical and mineralogical processes encountered in the subsurface during storage of CO₂ will play an important role in facilitating the isolation of anthropogenic CO₂ in the subsurface. This timely course will deal with the underlying geochemical and mineralogical processes associated with gas–water–mineral interactions encountered during CO₂ sequestration. It will consider the nature of fluid properties and the chemical, thermal, mechanical, and biological interactions between fluids and surrounding geologic formations over broad ranges of temperature, pressure, fluid composition, and spatial and temporal scales to determine how the subsurface will perform as a storage container both as the stored material is emplaced underground and over hundreds to thousands of years.

Information and registration: www.minsocam.org

### Thermodynamics of Geothermal Fluids
23–24 August 2013 (prior to Goldschmidt 2013)
Florence, Italy

**Convenors**
Andri Stefánsson, University of Iceland, Reykjavik, Iceland
Thomas Driesner, ETH Zürich, Switzerland
Pascale Bénézeth, CNRS, Toulouse, France

Crustal fluids play a fundamental role in the chemical and physical processes in the Earth system, and our understanding of their geochemical behavior and reactivity is largely based on thermodynamics. In the short course and accompanying Reviews volume, the thermodynamics of aqueous fluids over a wide range of temperatures and pressures and spanning scales from molecular to macroscopic will be summarized, revealing the power of thermodynamics for quantifying geochemical and geological processes in the Earth’s crust.

Information and registration: www.minsocam.org

### Vote
2013 MSA Elections