

**Goldschmidt2008****13-18 July 2008 Vancouver, Canada***from SEA  
to SKY*

The local organizing committee invites you to come and experience the Goldschmidt Conference™ in Vancouver and to participate in the exciting scientific and social program that we have put together. **Goldschmidt2008** is a meeting not to be missed! See you in Vancouver!

Dominique Weis, Conference Chair

Register online at **www.goldschmidt2008.org**Early Registration Deadline: **11 May 2008****SCIENTIFIC PROGRAM**

Twenty-one themes that cover the full range of geochemistry from sea to sky have been chosen by the international program committee, Rick Carlson and Barbara Sherwood Lollar, chairs.

**The Early Solar System: Chemistry and Chronology** Sara Russell, Mini Wadhwa  
**Planetary Geochemistry** Bill McDonough  
**Early Earth: From Mantle to Microbes** Steve Mojzsis, Vickie Bennett  
**Continental Crustal Evolution** Hugh Smithies, John Percival  
**Mantle Dynamics** Cinzia Farnetani, Nicolas Coltice  
**Mantle Geochemistry** Catherine Chauvel, Cornelia Class  
**Experimental Petrology** Michael Walter, Penelope King  
**Fluids in the Crust and Mantle** Jacqueline Dixon, Robert Bodnar  
**Subduction Processes** Jon Davidson, Yoshiyuki Tatsumi  
**Magmatic Processes** Aaron Pietruszka, Kari Cooper  
**Thermochronology** Jim Lee, Peter Reiners  
**Resource Geochemistry** Sarah-Jane Barnes, Sarah Gleeson  
**Terrigenous Sediments and Sedimentary Components** David Barbeau, Sidney Hemming  
**Fluid-solid interaction from the atomic to the global scale** Eric Oelkers, Ruth Blake  
**Marine Geochemistry** Katrina Edwards, Tim Eglinton  
**Weathering and Landscape Evolution** Derek Vance, Joerg Schaefer  
**Paleoclimate** Frank McDermott, Rosalind Rickaby  
**Environmental Geochemistry** Greg Slater, Patricia Maurice  
**Biogeochemistry** Ken Takai, Lesley Warren  
**Techniques** Mark Rehkamper, Shuhei Ono  
**General Sessions**



Over 120 sessions within these themes have been planned – a full list including their descriptions and convenors can be found on the conference website.

**SOCIAL PROGRAM****Welcome Reception/Ice Breaker** 13 July 2008

All delegates are invited and encouraged to attend the **Goldschmidt2008** Welcome Reception. The reception is a great opportunity to catch up with old friends and meet new colleagues!

**Conference Barbecue** 16 July 2008

The barbecue is being subsidized by the conference and through sponsorship to make this event affordable for all delegates. It will be held outdoors at the stunning and world-renowned Museum of Anthropology. This event will feature West Coast-themed cuisine including fresh barbecued salmon.

**Post-conference Dinner Cruise** 18 July 2008

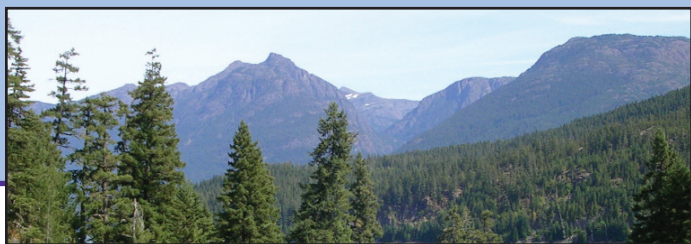
Held on the last night of the conference, the dinner cruise will be a memorable event that completes your Vancouver experience! This unique event offers unparalleled views of the city, mountains and famous Vancouver landmarks. Enjoy a delicious meal and the company of your fellow delegates.

**CONTACT INFORMATION****Conference Chair** Dominique Weis (dweis@eos.ubc.ca)**General Inquiries** Cecilia Li (celi@eos.ubc.ca)**Sponsorship and Exhibition**

Diane Hanano (dhanano@eos.ubc.ca)

**Publications** Paul Beattie (info@goldschmidt2008.org)**Website** Andrew Varley (info@goldschmidt2008.org)**UBC Conferences and Accommodations**

Heidi Dale-Johnson (heidi.dalejohnson@ubc.ca)



## FIELD TRIPS

- **Wrangellia flood basalts on Vancouver Island: An accreted Late Triassic oceanic large igneous province** – 4 days (July 18–21)  
Leaders: Andrew Greene (UBC), Graham Nixon (BCGS), Nick Massey (BCGS), James Scoates (UBC)
- **Effusive to explosive volcanism in the Canadian Cascades: Insights into landscape-controlled volcanic processes** – 2 days  
Leader: Kelly Russell (UBC)
- **Lava and tephra of the Neogene Chilcotin Group** – 3 days  
Leaders: Graham Andrews (UBC), Kelly Russell (UBC)
- **Southern Vancouver Island geology: 200 million years of crustal growth** – 2 days (July 19–20)  
Leader: Dante Canil (U Vic)
- **Transect through the Southern Canadian Cordillera: Calgary–Vancouver** – 4 days (July 19–22)  
Leaders: Derek Thorkelson (SFU), Dan Gibson (SFU), Philip Simony (U Calgary)
- **Geochemistry of recent surficial deposits and associated soils**  
Leaders: Stephanie Grand (UBC), Leslie Lavkulich (UBC), Brent Ward (SFU), Margaret Schmidt (SFU), John Clague (SFU), Cathie Hickson (GSC)
- **Britannia Mine remediation** – 1 day  
Leaders: Gerry O'Hara (Golder Assoc.), Terry Johnson (Golder Assoc.)
- **Triassic porphyries in southern BC** – 3 days (July 11–13)  
Leaders: Jim Logan (BCGS), Mitch Mihalynuk (BCGS), Vic Preto (retired from BCGS)
- **Caulfeild Cove** – half-day (July 16 afternoon)

## SHORT COURSES/WORKSHOPS

- **The Geochemist's Workbench Standard/Professional Training Workshop** – 10–11 July 2008  
Instructors: Geoffrey Thyne, Tom Meuzelaar
- **A Hands-On Introductory Tour of Kimberlites** – 11–12 July 2008  
Instructors: Barbara Scott Smith, Maya Kopylova
- **Quality Assurance in Analytical Geochemistry** – 13 July 2008  
Sponsored by the International Association of Geoanalysts  
Instructors: Thomas Meisel, L. Paul Bédard, Michael Wiedenbeck
- **Laser-Ablation-ICPMS in the Earth Sciences: Current Practices and Outstanding Issues** – 19–20 July 2008  
Sponsored by the Mineralogical Association of Canada  
Convenor: Paul Sylvester

PHOTOS COURTESY OF TOURISM VANCOUVER, UBC, A. GREENE, D. HANANO, AND A. SHIEL

**Field Trips** Derek Thorkelson (dthorkel@sfu.ca)

**International Program Committee**

Rick Carlson (rcarlson@ciw.edu) and  
Barbara Sherwood Lollar (bslollar@chem.utoronto.ca)



[www.geochemsoc.org](http://www.geochemsoc.org)

# Geochemical Society

## FROM THE PRESIDENT



I am writing this letter during my first month as president of the Geochemical Society (GS). Since I first joined in 1971, my affiliation with the Society has greatly benefited me both professionally and personally, and I am honored to be serving in this office. Over the last several years, it has been my good fortune to spend quality time discussing GS issues with an impressive group of past presidents: Judy McKenzie, Tim Drever, and my immediate predecessor, Sue Brantley. Along with the past and

present board members, they have been passionate about our Society, and the field of geochemistry is much the better for the many positive accomplishments during their tenures. I really hope that working with our current Board of Directors and with all members of our Society, we can together build on what the previous GS leadership has done, and continue to find ways to encourage research, education, and outreach in the field of geochemistry. I welcome your thoughts and suggestions on how to improve our Society to best serve our scientific community. I invite you to take advantage of our completely revamped website ([www.geochemsoc.org/](http://www.geochemsoc.org/)). You can also expect some exciting new communication tools in the coming months. I hope you will find them useful as new means to network and another way to get value from your membership in the GS.

There is no doubt that our field is moving forward dramatically, making it an especially remarkable time to be a geochemist. Powerful new geophysical and isotopic tools provide insights into the evolution and operation of our home planet, and extraterrestrial exploration is producing astonishing geochemical data that allow fresh insights into the evolution of the cosmos. Increasingly, the Earth's near-surface environment has become a worldwide concern. We live today in what some have called the Anthropocene—a new geologic epoch in which humankind has emerged as a force capable of reshaping the face of the planet. Geochemistry is at the heart of understanding how we can monitor, control, and adapt to these rapid changes in our environment.

The swiftly growing scope of the geochemical enterprise makes it crucial to stay abreast of developments in the field. What better way to stay in touch than to attend the annual Goldschmidt Conference. Goldschmidt 2008 in Vancouver promises to be one of the best ever. Dominique Weis and the International Program Committee have done a fabulous job of putting together a meeting featuring a spectacular venue and an extraordinary scientific program. Please look at the adjacent advertisement and visit the conference website ([www.goldschmidt2008.org/](http://www.goldschmidt2008.org/)). There is still time to get the early registration rate. I am looking forward to seeing you in Vancouver.

Finally, I want to extend special thanks to Sue Brantley. I have watched with real admiration her stewardship of the Geochemical Society. Sue's accomplishments for the Geochemical Society have left a remarkable framework upon which we may grow.

**Marty Goldhaber**  
GS President