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## Geochemical Society

### NOTES FROM ST. LOUIS

#### Changes to the Board of Directors in 2006

Of the 17 positions on the Geochemical Society's Board of Directors, four members have rotated off in 2006. They are Judith McKenzie (ETH Zentrum), Michael Whittar (University of Victoria), Gilbert Hanson (Stony Brook University), and Harry Elderfield (University of Cambridge). Susan Brantley has stepped up as GS president, while Tim Drever has replaced Judith as past president. The four incoming members of the Board of Directors are:



**Marty Goldhaber – Vice President (2006–2007)**

Martin Goldhaber received his BSc in chemistry (1968) and PhD in geochemistry (1973), both from UCLA. After spending a year as a post doc at Yale, he joined the USGS in 1975. He is currently a senior scientist at the USGS, where he received the Department of the Interior's Meritorious Service Award and recently served a term as the chief scientist for geology. Marty has been a member of the

Geochemical Society since 1972 and has been involved in the Society in a number of roles, most recently as program chair. He is a fellow of the Geological Society of America and the Society of Economic Geologists. Marty has served on the editorial boards of *Economic Geology*, *American Journal of Science*, and *Geochimica et Cosmochimica Acta* (two terms) and has served on advisory boards for the Geological Society of America, the Ocean Drilling Program, NASA, and NSF. Marty's research interests have evolved during his career. His early work was on the biogeochemistry of sulfur in modern marine sediments. After joining the USGS, he applied these perspectives towards understanding the origin of sediment-hosted ore deposits. This interest in ore genesis led to a focus on large-scale crustal fluid flow processes that not only lead to the formation of some ore types, but also impact the modern environment by enriching shallow crustal rocks with potentially toxic constituents. His research then evolved into the study of the environmental impacts of these crustal flow processes. He is currently co-chief of a USGS project to map the inorganic and selected organic constituents in soils of the US, and together with the Canadian and Mexican geological surveys, all of North America.



**Mark McCaffrey – Organic Geochemistry Division Chairman (2006–2007)**

Mark McCaffrey received his BA in geological sciences (1985) from Harvard University, magna cum laude with highest honors, and his PhD in geochemistry (1990) in the Massachusetts Institute of Technology and Woods Hole Oceanographic Institution joint program. Before he co-founded Oil Tracers LLC, Mark spent ten years at Chevron and Arco solving a variety of oil exploration and

production problems. Mark holds the titles of Registered Geologist in California, Professional Geoscientist in Texas, and Certified Petroleum

Geologist from the AAPG. He is a senior or co-author of 30 articles on petroleum exploration, reservoir management, oil biodegradation, hazardous waste remediation, paleoenvironmental reconstruction, and marine chemistry. Mark was the 1995 recipient of the Pieter Schenck Award from the European Association of Organic Geochemists for "outstanding work on biomarkers in relation to paleoenvironmental studies and petroleum exploration." In 1998, with project team members, Mark received the Arco Award of Excellence "for developing a new charge and migration model for the Brookian petroleum system, allowing improved charge risk assessment for prospects on the Central North Slope of Alaska." Mark was a 2001–2002 Distinguished Lecturer for the Society of Petroleum Engineers, and was the chairman of the 2002 Gordon Conference on organic geochemistry.



**Yaoling Niu – Director (2006–2008)**

Yaoling Niu is a professor of Earth sciences at Durham University, UK. He obtained a BSc degree in geology in 1982 (Lanzhou University, China), an MS degree in economic geology in 1988 (University of Alabama, USA), and a PhD degree in marine geology and geophysics in 1992 (University of Hawai'i, USA). Yaoling's research uses petrology and geochemistry as a means to understanding how the Earth works on all scales today and how it did in the

past. He has published over 60 refereed papers in leading Earth science journals. He has been honored with guest professorships by several Chinese universities (China University of Geosciences in Beijing, Northwest University in Xi'an, Nanjing University, and Peking University), and honored as an Outstanding Overseas Chinese Scientist by the Chinese National Science Foundation. He has recently taken the leadership as the chairman of the IUGS Commission on Solid Earth Composition and Evolution (SECE). Dr. Niu also serves as an executive editor of the *Chinese Science Bulletin* and is on the editorial board of *Earth Science Frontiers* and the *Geological Journal of China Universities*. (<http://www.dur.ac.uk/yaoling.niu/index.htm>)



**Andreas Luttgé – Director (2006–2008)**

Andreas Luttgé's research focuses on the processes that govern fluid–mineral or fluid–rock interactions from low-temperature conditions to the pressures and temperatures of the deep crust. He is particularly interested in the participation of microorganisms in these processes. His work includes various experimental and modeling techniques, which he applies to questions of mineral reactions in sedimentary basins, weathering, the fate of nanoparticles in the environment, atmospheric and global change, environmental pollution, hydrothermal systems, and the containment of radioactive wastes. Luttgé received his PhD in 1990 from the University of Tübingen (Germany), spent three years as a Humboldt fellow and associate research scientist at Yale University, and currently holds a double appointment as associate professor of Earth science and chemistry at Rice University.

### GEOCHEMICAL SOCIETY–RELATED QUESTIONS OR COMMENTS?

Send them to the Geochemical Society Business Office:

**Seth Davis, Business Manager**

Tel.: 314-935-4131

Fax: 314-935-4121

E-mail: [gsoffice@gs.wustl.edu](mailto:gsoffice@gs.wustl.edu)

Website: <http://gs.wustl.edu>



## 2006 GOLDSCHMIDT ABSTRACT DEADLINE FAST APPROACHING

April 13, 2006 is the deadline to submit abstracts for the 2006 Melbourne Goldschmidt Conference.

For more information on abstract guidelines as well as programs, field trips, events, and exhibits, visit the conference website at: <http://www.goldschmidt2006.org/>

## ARE YOU INTERESTED IN HOSTING A GOLDSCHMIDT?

The Board of Directors will be examining bids for the 2009 and 2010 Goldschmidt Conferences during the 2006 annual board meeting on August 26, in Melbourne. If you, your university, or your city are interested in submitting a bid, please contact the GS Business Office.

## THE 2006 GEOCHEMICAL SOCIETY BOARD OF DIRECTORS

**Susan L. Brantley**, PRESIDENT  
(Pennsylvania State University)

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(Florida State University)

**Yaoling Niu**, DIRECTOR  
(Durham University)

**Andreas Luttgé**, DIRECTOR  
(Rice University)

## GEOCHEMICAL SOCIETY-SPONSORED SPECIAL SESSIONS AT THE SPRING AGU MEETING BALTIMORE, MD, MAY 23-26

- GS01 Geochemical Society General Contributions  
GS02 Depleted Uranium Aerosols in the Surface Environment: Transport, Geochemical Speciation, and Implications for Human Health
- Sessions presented jointly with AGU*
- U02 Thermodynamic Variables in Magmatic and Metamorphic Processes in the Terrestrial Planets: Theoretical, Experimental, and Observational Constraints  
U06 Atmospheric, Climatic, and Biological Evolution at both Ends of the Proterozoic Eon  
U07 Evolution of the Andes  
U08 Fluids in the Earth  
U11 Microanalysis: Small Beams, Big Science (invited presentations only)

### *Sessions presented jointly with MSA*

- M01 Mineralogy and the Nuclear Fuel Cycle—The 2006 Dana Symposium  
M03 Spectroscopy in Mineralogy: Theory and Experiment

### *Sessions presented jointly with Mineral and Rock Physics*

- MR01 Mineral and Rock Physics General Contributions

### *Sessions presented jointly with the Microbeam Analysis Society*

- MB01 General Contributions to Microanalysis in the Earth Sciences  
MB02 From Earth to Mars and Beyond

### *Sessions presented jointly with Hydrology*

- H11 Water Quality of Hydrologic Systems (posters)  
H17 Chemical and Isotopic Tracing of Contaminated Groundwater  
H24 Scale Issues of Catchment Hydrology and Biogeochemistry

### *Sessions presented jointly with Volcanology, Geochemistry, and Petrology*

- V02 Origin, Behavior, and the Role of Magmatic Sulfur in Terrestrial Planets: Theoretical, Experimental, and Observational Constraints  
V04 Evolution of the Early Earth  
V05 Tracing Deep-Earth Processes with Light Elements: Insights into the Evolution of the Crust, the Mantle, and Magmas from B, Li and Be Isotope and Abundance Systematics  
V08 Sulfur in the Earth System: Insights into the Evolution of Surface Environments and Secrets of the Deep Earth  
V09 Biosignatures: Distinguishing Biology from Abiological Look-Alikes  
V10 Frontiers of Hydrothermal Geochemistry: Organic-Inorganic Interactions from Deep Crust to Volcanic Systems  
V11 Earth's Carbon Cycle: Sources, Recycling Pathways, and Geochemical Evolution

## DO YOU DIG ROCKS AND LOVE LIFE?

**Biogeosciences.org** is an innovative non-commercial website bridging the Earth and life sciences. Developed by the Geological Society of America (GSA) and its partnered professional societies, including the Geochemical Society, it provides a single resource for all things related to biogeoscience. Released in June 2004, the site has continued to grow and expand, becoming a natural home for biogeoscience discussion, resources, and promotion. Biogeosciences.org is supported by a grant from the biogeosciences program of the National Science Foundation.

The site offers biogeoscience links and program resources for children, students, undergraduates, and teachers; information on job openings, funding opportunities, and degree programs; interviews with people working



in the biogeosciences and links to useful publications and articles; a calendar of biogeoscience-related meetings, field trips, workshops, and symposia from around the world.

Biogeosciences.org also offers an interactive component. People are able to submit material of interest to the biogeosciences community, or add their names and research interests to a growing list of biogeoscientists. A discussion forum allows for sharing of ideas and opinions, as well as an opportunity to ask questions. Pictures are exchanged freely for educational purposes in the image gallery.

Any inquiries (including submission of material for posting) should be directed to Sarah Leibson ([web@biogeosciences.org](mailto:web@biogeosciences.org)), Website Coordinator, Biogeosciences.org.