

2008 AGU VGP FELLOWS

Congratulations to the 2008 Fellows of the American Geophysical Union (Volcanology, Geochemistry, and Petrology Section)!



CHARLES R. BACON

For detailed field-based studies of volcanoes leading to establishing critical links between volcanic and tectonic processes



PATRICIA DOVE

For seminal contributions toward a molecular-scale understanding of mineralization and dissolution in inorganic and biological environments



R. LAWRENCE EDWARDS

For pioneering work on U-series systematics and contributions to paleoclimatology, neotectonics, the ¹⁴C timescale, and paleo-oceanography



RONALD GREELEY

For pioneering work on processes and history throughout the solar system through the integration of field, laboratory, modeling, and observational studies



GILBERT N. HANSON

For work in the development and application of fundamental trace-element and isotope tools that are used today in many disciplines of the geosciences



JAMES GREGORY HIRTH

For work on the rheology of quartz, olivine + melt + H₂O, serpentine, and gabbro, and interdisciplinary insight, dedicated teaching, and service to AGU



TETSUO IRIFUNE

For contributions to the understanding of the mineralogical structure and dynamics of the Earth's interior through high-pressure experimental studies



TERRY A. PLANK

For contributions to the understanding of convergent margin processes and the formation of the continental crust



BARRY VOIGHT

For fundamental contributions to the understanding of volcano deformation, assessment of volcanic hazards, and forecasting



From left to right, present and past presidents of the Geochemical Society: Marty Goldhaber, Sue Brantley, and Tim Drever

TIM DREVER HONORED AT THE GOLDSCHMIDT CONFERENCE

A special session was convened at the 2008 Goldschmidt Conference to pay tribute to James I. (Tim) Drever for his contributions to geochemistry and for his long career at the University of Wyoming. In addition to his best-selling book *The Geochemistry of Natural Waters* and countless research papers, Tim served as a long-time editor of *Chemical Geology* and as the president of the Geochemical Society and was a founding advisor to *Elements* magazine. The session "Rates of Geochemical



The "Friend of Tim" button, destined to be a collector's item!



Tim and Irene Drever with Hiroshi and Koya Ohmoto. Tim and Hiroshi were grad students together at Princeton in the 1960s.

Processes and Their Application to Natural Systems" included a keynote address by Art White (U.S. Geological Survey) entitled "Approaches to Estimating Chemical Weathering Rates"; invited talks by David Clow (U.S. Geological Survey)—"Sensitivity of Mineral Weathering Rates to Annual Variations in Climate," and by Chris Gammons (Montana Tech University)—"Biogeochemical Processes in Flooded Underground Mine Workings of Butte, Montana, USA"; and an additional 28 volunteered presentations on mineral weathering and secondary precipitation, global climate cycles, environmental geochemistry of mining, geochemistry of natural waters, and redox reactions at mineral surfaces. A highlight of the festivities was a reception for Tim and his wife, Irene, held at the botanical gardens of the University of British Columbia. Many old and new friends, all wearing a "Friend of Tim" badge, toasted Tim as the "first critical zone geochemist" and a "true gentleman scientist."

Lisa L. Stillings
USGS

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covenants on donated specimens or the cost of properly appraising the value of the collection. The situation at the Philadelphia Academy is regrettable, but understandable. Collections in storage are not different from our attics filled with old, but valued memorabilia. If we want to prevent these events in the future, we have to clean out our attics

and put these collections to scientific use or on display. We need to create a structure and system of support that preserve the cultural and scientific heritage of our mineral collections.

Rodney C. Ewing
University of Michigan (rodewing@umich.edu)