

## FRANK HAWTHORNE WINS IMA MEDAL



The 2009 IMA Medal for excellence in mineralogical research will be awarded to Professor Frank C. Hawthorne at the IMA 2010 conference in Budapest. The IMA Medal Committee, drawn from Europe, Canada, Japan, USA, and Russia, remarked

on the outstanding and distinct scientific profile of Frank Hawthorne, as well as his impressive and very long list of publications, most of them dedicated to crystal structures and the crystal chemistry of minerals. Frank is particularly well known for his systematic approach to crystallography and crystal chemistry, and for his work on amphiboles. Born in Bristol, UK, and educated at Imperial College London and McMaster University, Canada, Frank Hawthorne is currently Canada Research Chair in Crystallography and Mineralogy at the University of Manitoba, Canada. He was also recently awarded the Carnegie Medal of the Carnegie Museum of Natural History and the Hillman Foundation at the Tucson Gem and Mineral Show banquet in Tucson, Arizona, in February 2009.

## GEOLOGICAL SOCIETY OF AMERICA AWARDS

Several members of the mineralogy, geochemistry, and petrology community were recognized during the recent Geological Society of America annual meeting in Portland, Oregon. We highlight some, along with excerpts of the citations. Full citations and responses can be found at <http://www.geosociety.org/awards/index.htm>.

### JAIME D. BARNES Is 2009 Subaru Outstanding Woman in Science



Jaime Barnes finished her PhD in the spring of 2006, and the contributions resulting from her thesis have already had a significant impact within the geological community. Her thesis work led to seven publications, and an additional four manuscripts have been

published since. Her papers have been cited in print more than 80 times, which is remarkable considering that her first paper was published only in 2004. Her chlorine isotope work is novel and exciting, and has made her a very visible presence at national and international meetings. She was recently appointed assistant professor at the Jackson School of Geosciences at the University of Texas.

### SALLY BENSON Named Distinguished Halbouty Lecturer



Sally Benson, director of the Global Climate and Energy Project, was the Distinguished Michael T. Halbouty Lecturer at the 2009 GSA meeting. She gave a talk entitled "Can Sequestration of Carbon Dioxide in Deep Geological Formations Help Solve the Global Warming Problem?"

The GSA Foundation established the Michel T. Halbouty Distinguished Lecturer Fund to provide an honorarium for the Halbouty Distinguished Lecturer at GSA annual meetings. Sally was coauthor of an article in the Carbon Dioxide Sequestration issue of *Elements* (4: 325-332).

### MARK HARRISON Awarded the Arthur L. Day Medal



The Day Medal of the Geological Society of America recognizes "outstanding distinction in contributing to geologic knowledge through the application of physics and chemistry to the solution of geologic problems," which describes perfectly T. Mark Harrison's career contributions.

Central to all geologic problems and processes are the issues of timing and rate. For the past three decades, Mark Harrison (University of California at Los Angeles) has been one of the world's leaders in the application of thermo-

chronology to geologic problems. Recognizing the thermal signature inherent in tectonic and plutonic processes, Harrison has developed and applied a variety of geochronologic tools to tectonic processes, leading to thermal histories of unprecedented detail.

### CIN-TY LEE Receives Donath Medal



The Donath Medal is awarded by the Geological Society of America to a young scientist (35 or younger) for outstanding achievement in contributing to geologic knowledge through original research that marks a major advance in the Earth sciences. This year's recipient,

Cin-Ty Lee (Rice University), is making a major impact in our understanding of how the Earth works. He has written on topics as diverse as the origin and evolution of the continents; the oxygen fugacity of the mantle through time; the chemical fluxes between the solid Earth, hydrosphere, and atmosphere; soil development in tropical weathering environments; the thermodynamics of trace element partitioning in the mantle; and even the detection of nucleosynthetic processes through the analysis of meteorites. Cin-Ty took up a faculty position at Rice University in 2002, where he has become an outstanding mentor for young scientists. He has received recognition for his creativity in the form of a Packard Fellowship, was chosen for the inaugural Kuno Award of the AGU's Volcanology, Geochemistry and Petrology Section, and was this year's Clarke Medalist of the Geochemical Society.

Read about other awards presented during the GSA meeting on pages 386, 389, and 394.



Four "generations" of researchers posed at the MSA awards ceremony held during the GSA meeting (page 389): from left to right, Sarah Petitto, Tom Trainor, Gordon Brown, and Gerry Gibbs. Sarah Petitto was a postdoc in Tom Trainor's lab from 2006 to 2009

and is now an assistant professor at St. Cloud State in Minnesota. Tom Trainor, MSA Awardee and professor at the University of Alaska Fairbanks, did his PhD under Gordon Brown at Stanford University, and Gerry Gibbs was Gordon's PhD advisor at Virginia Tech.