

- **Professor Basil Tikoff** was co-author on the national EarthScope Science plan, to be published in early 2010.
- **M. Ray Thomasson** (PhD 1959), Department's Distinguished Alumnus for 1999, was featured in an article in the June 2009 edition of the AAPG Explorer. A recent winner of the Michel T. Halbouty Outstanding Leadership Award, he is also past president, past Advisory Board chair and Honorary Member of AAPG.
- **Bill Doll** (MS 1980; PhD 1983), past president of the Environmental and Engineering Geophysical Society (EEGS), was honored with their 2009 Gold Medal Award at the EEGS national conference (photo, right).

- **Jon Nyquist** (PhD 1986), current President of EEGS, is also the winner of an inaugural Provost's Award for Innovative Teaching in General Education for developing a course "Disasters: Geology vs. Hollywood." Jon is Weeks Chair in Environmental Geology in the College of Science and Technology at Temple University. (http://www.temple.edu/newsroom/2008_2009/04/stories/nyquist.htm). ●



Bill Doll, left, and Jonathan Nyquist at the Environmental and Engineering Geophysical Society (EEGS) 2009 national conference in Fort Worth where Bill was awarded the Gold Medal.

WEEKS LECTURES AND SPEAKERS OF OPPORTUNITY IN 2009

January 30—Chunmiao Zheng, University of Alabama and Peking University, China, 2009 GSA Birdsall/Dreiss Lecturer
"Will China Run Out of Water?"

February 6—Jennifer L. Eigenbrode, NASA Goddard Space Flight Center
"The Quest for Organics on Mars: From Analogs to Missions"
"Molecular Fossils for Cyanobacteria and Eukaryotes in the Neoproterozoic"

February 13—David L. Bish, Indiana University-Bloomington
"X-ray Diffraction on Mars"
"Water on Mars: How Can It Exist Today?"

February 19—Stephen R. Meyers, University of North Carolina-Chapel Hill
"The Evolution of Cenozoic Climate Noise: Linkages to Ice Sheet History?"

March 26, 27—Leigh Royden, MIT
"Trench Motion, Slab Geometry and Viscous Stresses in Subduction Systems"
"Uplift, Evolution and Geodynamics of the Tibetan Plateau"

April 10—Joseph S. Stoner, Oregon State University
"Climatic Implications of Abrupt Geomagnetic Change"

April 2—Susanne U. Janecke, Utah State University
"The Last 7.5 M.Y. History of a Reorganizing Plate Boundary Revealed by Basins, Faults and Folds, Southwest of the San Andreas Fault, S. California"

May 1—Laurent Charlet, University of Grenoble, France
"Clay Minerals and the Fate of Prion Proteins in Soils"

May 8—Pieter Visscher, University of Connecticut
"Microbial Mechanisms Forming Modern Marine Stromatolites—Using the Present to Predict the Past?"

September 11—Ed Brook, Oregon State University
"Past Gas: The Ice Core Record of Atmospheric Methane and Climate"

September 14—Ed Medley, 2009 Richard H. Jahns Distinguished Lecturer in Engineering Geology
"The Least You Should Know about Characterizing Geological Chaos"
"The Comforts of Ignorance and the Benefits of Arrogance—Lessons of the Failure Kind for the Geopractitioner"

September 25—Stephanie Prejean, USGS Alaska Volcano Observatory
"Lessons Learned from the 2008 Eruption of Kasatochi Volcano"

September 29—Steven Stanley, University of Hawaii, Honolulu and National Academy of Science
"Effects of Secular Changes in Seawater Chemistry on Biocalcification: Paleontological and Experimental Evidence"

September 30—Ian W. D. Dalziel, Jackson School of Geosciences, University of Texas-Austin
"Rocks, Ice and Water: Geological Perspectives on the Antarctic Ice Sheet and Its Future"

October 2—Charlie Bacon, USGS
"Dating Young Plutonic Rocks Hidden Beneath Active Volcanoes"

October 9—Russell H. Vreeland, Ancient Biomaterials Institute, West Chester University of Pennsylvania
"New Visions on Microbial Evolution from Ancient Halite"
"Tiny Critters, Huge Impacts: Why Earth Needs Microbes in Its Rocks"

October 16—Mark Zoback, Stanford University
"A Strategy for Enhanced Recovery and CO₂ Sequestration in Gas Shales"
"Scientific Drilling Into the San Andreas Fault Zone: SAFOD's First Five Years"

October 23—Chris Marone, Penn State University
"Friction, Stick-slip, and the Rate of Fault Healing During the Earthquake Cycle"
"The Strength and Rheology of Brittle Fault Zones"

October 30—Lorraine Liseiecki, UC-Santa Barbara
"Atlantic Overturning Responses to Ice Volume and Orbital Forcing"
"The Effects of Eccentricity, Obliquity and Precession on Plio-Pleistocene Glacial Cycles"

November 13—Rob DeConto, University of Massachusetts-Amherst
"A Reevaluation of the Cenozoic Evolution and Variability of the Cryosphere"
"New Perspectives on the Past and Future Stability of the Antarctic Ice Sheet"

December 4—Martin O. Saar, University of Minnesota
"CO₂—Use It or Lose It: How to Use CO₂ as a Geothermal Working Fluid to Generate Carbon-negative Renewable Electricity" ●