

LECTURES IN 2004

Weeks Lectures and Speakers of Opportunity

- February 6—**Michael F. Hochella**—Virginia Polytechnic Institute and State University—There's plenty of room at the bottom: Having fun with nanogeoscience the mineral-microbe world.
- 20—**Bruce D. Trudgill**—Colorado School of Mines, AAPG Distinguished Lecturer—Unraveling the Complexities of Salt Basins Through the Integration of 3-D Seismic Analysis, Field Studies and Structural Restoration.
- April 9—**Peter G. DeCelles**—University of Arizona—Kinematic history of the Himalayan fold-thrust belt and foreland basin development in Nepal: Implications for continental subduction.
- 16—**Allen M. Shapiro**—US Geological Survey, Darcy Lecturer—Recent Advances in Characterizing Ground Water Flow and Chemical Transport in Fractured Rock
- 23—**Michael Brudzinski**—UW-Madison—Seismogenic Processes in Subduction Zones from Top to Bottom.
- 26—**Udo Becker**—University of Michigan—From Macroscopic to Microscopic, or, What Can Electrons Tell Us about Acid Mine Drainage.
- 30—**Barbara Bekins**—US Geological Survey, Birdsall-Driss Distinguished Lecturer—Hydrogeology and the Weak Nature of Plate Boundary Faults.
- August 16—**T. K. Kan**—Consultant—3D Pore Pressure and Fracture Gradient Analysis.
- September 24—**Bernard Wood**—Bristol University, UK, Mineralogical Society of America Distinguished Lecturer—Square pegs in round holes. The why and how of trace elements in minerals.
- October 5—**John Doherty**—University of Queensland—Model Calibration—Should the term Exist in Our Vocabulary?
- 8—**Christopher Neuzil**—US Geological Survey—Low-Permeability Hydrogeology is Still a Wild Card.
- 14—**Jorge Rabassa**—Universidad Nacional de la Patagonia Ushuaia-Argentina—Late Cenozoic Glaciations in Patagonia and Tierra de Fuego.
- 15—**Kevin M. Scott**—Cascades Volcano Observatory—Catastrophic Debris Flows in Volcanic Terrains—Case Histories and Lessons for the Cascade Range, Pacific Northwest.
- 22—**Warren W. Wood**—Michigan State University—Killer Radon and the Solute Aquifer Test (SAT): A New Geochemical Paradigm.
- 25—**Lori L. Summa**—Exxon Mobil Upstream Research Co., AAPG Distinguished Lecture—Issues and Approaches for Integrated Hydrocarbon Systems Analysis in Tertiary Deltas—What we have learned: Examples from Deep Water Nigeria.
- 29—**Harry Y. McSween, Jr.**—University of Tennessee—Geology of the MER Landing Sites on Mars.
- November 5—**Ronald J. Steel**—University of Texas-Austin, AAPG Distinguished Lecturer—Improving the Lowstand Component of the Sequence Stratigraphic model.
- 12—**Max Coleman**—Jet Propulsion Lab-Caltech—How and Why Concretions Form in Sediments.
- 19—**Mitch Plummer**—ID National Engineering Lab—A Dual-System, Inverse Modeling Approach to Reconstructing Paleoclimate From the Paleohydrologic Record.
- December 3—**Robert A. Duncan**—Oregon State University—Do Hotspots Move? The Hawaiian-Emperor Chain Revisited.
- 10—**Vitor Abreu**—ExxonMobil—Reservoir Architecture of Shallow Marine and Deep Marine Systems-Similarities.
- 10—**Thomas W. Stafford**—Stafford Research Labs—AMS ¹⁴C Dating in the Quaternary Sciences, Modern and Paleobiology, Archaeology, Forensic Sciences and Biomedicine.