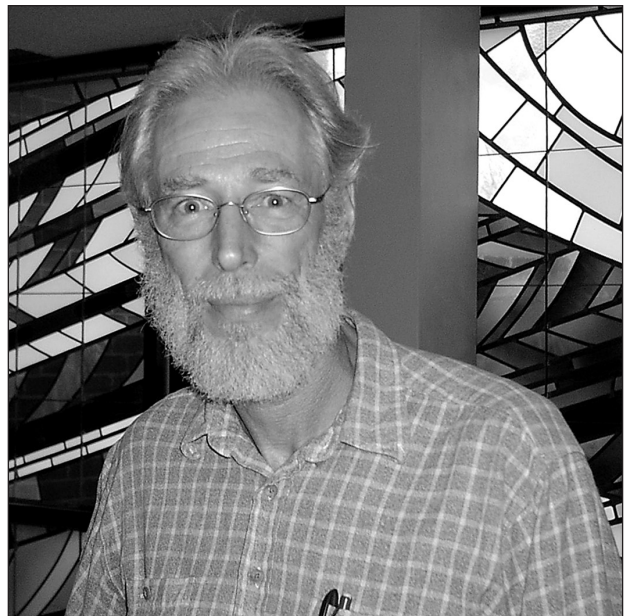


## Weeks Lectures and Speakers of Opportunity, 2001

- February 9—Dr. Abe Springer, Northern Arizona University, “Seeing the Forest Through the Trees Impacts of Forest Management on Aquifer Recharge”
- February 23—Dr. John Valley, University of Wisconsin-Madison, “Zircons are Forever, Evidence for Liquid Water on Earth 4.4 Billion Years Ago”
- March 19—Dr. Gillian Foulger, University of Durham, UK, “No Plume under Iceland: Seismic Tomography and Helium”
- March 30—Dr. Andrew S. Cohen, University of Arizona, “The African Great Lakes: An Emerging Intersection of Earth and Biotic History”
- April 6—Dr. E.H. Brown, Western Washington University, “Huge Nappes, High-Grade Metamorphism and Batholiths in Northwest Washington”
- April 20—Dr. Abe Springer, Northern Arizona University, “Sustaining Cultures and Ecosystems Dependent on Springs of the Grand Canyon Applications of Digital Geologic Visualization Techniques”
- April 27—Dr. Karen Chin, Stanford University, “Waste not: What Can We Learn from Old Feces? Fossil Feces (Poprolites) Provide Unique Perspectives on Ancient Ecosystems”
- May 4—Dr. George Luther III, University of Delaware “The Use of In Situ Chemical Measurements to Understand Geochemical and Biogeochemical Processes”
- May 11—Dr. Michael Manga, University of Oregon “Hydrogeology, “Heat flow and CO<sub>2</sub> Degassing in the Oregon Cascades”
- September 7—Dr. Yaron Katzir, University of Wisconsin-Madison, Weeks Postdoctoral Fellow, “What Brought Them Up? Back Arc Extension and Exhumation of Aegean Blueschists and Eclogites”.
- September 21—Dr. Randall Cygan, Sandia National Labs “Molecular Modeling and Applications in Environmental Chemistry”
- September 28—Dr. Larry Taylor, University of Tennessee, Knoxville “Diamonds: Time Capsules from Long Ago and Far Away”
- October 5—Dr. Celal Sengor, California Institute of Technology, “Is the Present the Key to the Past or the Past the Key to the Present? James Hutton and Adam Smith Versus Abraham Gottlob Werner and Karl Marx in Interpreting History”
- October 12—Dr. Paul Hoffman, Harvard University, “Snowball Earth: Testing the Limits of Global Change”.
- October 19—Dr. Mary Hill, United States Geological Survey, Darcy Distinguished Lecturer, “Guidelines for Effective Model Calibration (Any Model!)”



*Dr. Paul Hoffman, Harvard University, spoke in the Laudon Lecture Hall on October 12. The title of his talk is “Snowball Earth: Testing the Limits of Global Change.”*

- October 24—Dr. Timothy Little, Victoria University of Wellington, New Zealand, “Middle Crustal Processes of Oblique Collision: Ductile Fabrics in the Alpine Schist, Central Southern Alps, New Zealand”
- October 26—Dr. Ken Farley, California Institute of Technology, “Uses, Abuses and Curiosities of the Extraterrestrial <sup>3</sup>He Record the Permian-Triassic Boundary, the Late Paleocene, and Today”
- November 12—Dr. Diane Newman, California Institute of Technology, “A Role for Antibiotics in Mineral Dissolution and Biofilm Physiology”
- November 20—Professor Hiroshi Asanuma, Tohoku University, Sendai, Japan, Talk #1, “Data Acquisition and Analysis of Microseismicity from Stimulation of Deep Reservoir at Soultz by the MTC/MURPHY International Collaborative Project.” Talk # 2, “Discrimination of Coherent Waves by a Time-frequency Representation of 3D Hologram and Application to Microseismic Reflection Method”
- December 3—Dr. Ken Nealson, Jet Propulsion Lab, University of Southern California, “Eating at the Hard Rock Cafe, New Approaches and New Data Pertaining to Metal Reducing Bacteria”
- December 14—Dr. Gwen Daley, University of Wisconsin-Madison, Weeks Postdoctoral Fellow, “Creating a Paleoecological Framework for Evolutionary and Paleoecological Studies; An Example from the Fort Thompson Formation (Pleistocene) of Florida”