Kent Kirkby's April 26 presentation utilized double projectors and special glasses. Attending the animated 3-D demo were board members and Weeks Hall residents. (photo by Mary Diman)

Weeks Lectures and Speakers, 2002

January 11—Jennifer Macalady, UW-Madison, "Life in acid Archaea and tetraether-linked membrane monolayers."

January 30—John Suter, Conoco, Inc, "Deltaic systems: Perspectives on Facies Models and Sequence Stratigraphy."

February 1—Bev Pierson, University Puget Sound, "The Role of Photosynthesis in the Formation of an Iron Deposit."

March 1—Phil Bennett, University TX-Austin, "Microbial Ecology of Geologic Processes."

March 8—Mike Kaplan, UW- Madison, "Indistinguishable Ice Ages in Mid-Latitude South America and the Northern Hemisphere."

March 15—John Geissman, University New Mexico, "Crustal rotations take place in the least and most expected places."

March 28—Terry Gerlach,USGS , "Carbon Dioxide Emission Rate of Kilauea Volcano: Implications for Primary Magma and Summit Reservoir Dynamics."

April 2 —Paul Fenter,Argonne National Labs, "Probing Mineral-Water Interfaces at Molecular Dimensions: In Situ Synchrotron X-ray Reflectivity."

April 3—Graham Fogg, GSA Hydro Division, "Plume Behavior in Heterogeneous Geologic Systems: Natural Attenuation, Remediation, and the Role of Diffusion."

April 19—Brian McPherson, New Mexico Tech, "Brines in Deep Sedimentary Basin Aquifers: Formation Mechanisms and Regional Scale Case Studies."

April 25—Oliver Bachman, U. Washington-Seattle "The Fish Canyon Tuff, San Juan volcanic field, Colorado: An erupted batholith."

April 26—Kent Kirkby, University of Minnesota, "Using Stereo Projection to Bring New Dimensions to Geoscience Education."

April 30—Stephen Husen, University of Utah, "Subduction-zone Structure and Magmatic Processes Beneath Costa Rica Constrained by Local Earthquake Tomography and Petrologic Modeling."

May 3—Paul Silver, Carnegie Institute of Washington, "Which way does the Mantle Flow Beneath Western North America?"

May 9—Gordon Medaris, UW-Madison, "Wolf River-Age Brecciation in the Baraboo Quartzite: Implications for Proterozoic Tectonics in the Lake Superior Region."

May 9—Steve Brown, Indiana Geological Survey, "A glacial terrain characterization process streamlined protocol for data collection, database development, product development, and information delivery."

May 9—Katsuyuki Fujinawa, Shinshu University, "Some experimental results and simulation models for groundwater flow, solute transport, and multi-phase flow."

May 9—Bob Glass, Sandia National Lab, "Dense Non Aqueous Phase Liquid (DNAPL) Migration, Characterization, and Remediation: Experiments, Modeling, and some New Approaches."

May 10—Chris Paola, University of Minnesota, "Adventures in experimental stratigraphy."

September 20—David Hyndman, Michigan State University, "Efficient Large-Scale Bioremediation in a heterogeneous Aquifer: The Schoolcraft Bioaugmentation Experiment."

October 4—Gerald R. Dickens, Rice University, "Extreme Climates and Frozen Methane: The Global Carbon cycle with Gas Hydrate."

October 4—James D. Robertson, Rannoch Petroleum, "Global Climate Change."

November 15—Jean Bahr, UW-Madison, "Geochemical Heterogeneity of Groundwater in Uncontaminated and Contaminated Aquifers."

November 22—James P. Kennett, UC-Santa Barbara, "Methane Hydrates in Late Quaternary Climate Chanage: the Clathrate Gun Hypothesis."

December 3—Alan Matthews, Hebrew University of Jerusalem, "Iron isotope fractionation during the diagenesis of organic-rich shales."

December 4—Mira Bar-Matthews, Israel Geological Survey, "Paleoclimate of the Eastern Mediterranean region in the last 250 ky as an interface between high- and low-latitude climate change."

December 6—Jerry Harris, Stanford University, "Crosswell Seismic Profiling: The Decade Ahead."

December 11—Harry Jol, UW-Eau Claire, "Ground Penetrating Radar in Sediments."

December 13—Wolfgang D Maier, University of Pretoria-South Africa, "The Bushveld Complex, South Africa: constraints on the nature of the parental magmas."