**Earth and Environmental Sciences Seminars Fall 2009**

 **All seminars will be held on Thursdays at 4:00 p.m. in 303 Slone, preceded by refreshments at 3:30, unless otherwise noted.Aug. 27**Dr. Lahoucine Hanich, Department of Earth Sciences, Faculty of Sciences and Technology - Marrakech, Cadi Ayyad University – Morocco, *“Management of the irrigation in the Tensift Wastershed, Morocco”*

**Sept. 3**Drs. Frank  Ettensohn, Alan Fryar, David Moecher, Dhananjay Ravat, Christopher Romanek, and Edward Woolery, *“Current Research at the Department of Earth and Environmental Sciences”*

**Sept. 10 (MMRB 102, 4:15 PM)**Drs. Jim Cobb, Jerry Weisenfluh, Dave Harris, Zhenming Wang, Drew Andrews, and Jim Dinger, *“Current Research of the Kentucky Geological Survey”*

**Sept. 17**Dr. James Hower, Center for Applied Energy Research, University of Kentucky, *“Studies of coal fires:  Kentucky, Alabama, and Wyoming”*

**Sept. 24**NO LECTURE (American Association of Petroleum Geologists Short Course, Sept. 22)

**Oct. 1**Dr. Donna Jurdy, Dept. of Earth and Planetary Sciences, Northwestern University, *“Mars Magnetic Mystery”*

**Oct. 8**Dr. John White, Dept. of Geography and Geology, Eastern Kentucky University, *“The Geology and Petrology of the Volcanic Island of Pantelleria, Italy”*

**Oct. 15**Dr. Gary O’Dell, Dept. of Earth and Space Sciences, Morehead State University, *“Developing Student Research in Karst Hydrology”*

**Oct. 22**NO LECTURE (Geological Society of America Annual Meeting)

**Oct. 29, 4:00 p.m. (W.T. Young Library Auditorium)**Dr. Len Peters, Secretary, Energy and Environment Cabinet, "*Intelligent Energy Choices for Kentucky's Future: Developing Our Energy Resources in a Carbon-Constrained World*"

**Nov. 4 (7 PM, W.T. Young Library Auditorium)**Dr. Seth Stein, Dept. of Earth and Planetary Sciences, Northwestern University, *“How new science gives a much less scary view of central U.S. earthquakes”*

**Nov. 5**Dr. Seth Stein, Dept. of Earth and Planetary Sciences, Northwestern University, *“Studying the Great December 2004 Indian Ocean Earthquake and Tsunami with the Earth’s Normal Modes”*

**Nov. 12**Dr. Jeffrey Greenberg, Geology Department, Wheaton College, Title TBA

**Nov. 19**Dr. Sunil Mehta, U.S. Dept of Energy, Hanford, Washington, *“Modeling Transport in the Engineered Barrier System For the Proposed High-Level Radioactive Waste Repository at Yucca Mountain”*

**Nov. 26**NO LECTURE (Thanksgiving Break)

**Dec. 3 (Graduate Student Doubleheader)**Mr. John Warden, Dept. of Earth and Environmental Sciences, University of Kentucky, *“The hydrology of Yalgorup National Park and its relation to Tuart (Eucalyptus gomphocephala) health”;*

Mr. Suvankar Chakraborty, Dept. of Earth and Environmental Sciences, University of Kentucky, "Provenance Analysis of the Neoproterozoic Ocoee Supergroup, Eastern Great Smoky Mountains (NC-TN)"