**Earth and Environmental Sciences Spring 2010 Seminars**

 *All seminars will be held on Thursdays at 4:00 p.m. in 303 Slone, preceded by refreshments at 3:30, unless otherwise noted.*

**Jan. 21**[Dr. Stephanie Schwabe](http://as17.as.uky.edu/academics/departments_programs/EarthEnvironmentalSciences/EarthEnvironmentalSciences/FacultyResearch/Profiles/StephanieSchwabe/Pages/default.aspx), Dept. of Earth and Environmental Sciences, University of Kentucky
*“Biogenic origin for the development of secondary porosity in limestone”*

**Jan. 28
\***(video conference at 4:30 p.m., College of Nursing Building, Room 505)
Dr. Roussos Dimitrakopoulos, Department of Mining and Materials Engineering, McGill University, Montreal, Quebec (Canada)
*“High-order geostatistics:  simulating complex, non-Gaussian geological and environmental phenomena”*

**Feb. 4**Dr. David Meyer, Dept. of Geology, University of Cincinnati
*“Rings around the Rafinesquina: new ideas about the life mode of an Ordovician brachiopod and why it matters”*

**Feb. 11**Dr. William Thomas, Dept. of Earth and Environmental Sciences, University of Kentucky
*“The Argentine Precordillera: A Laurentian terrane accreted to Gondwana”*

**Feb. 18**Dr. David Atwood, Dept. of Chemistry, University of Kentucky
*“Heavy metal precipitation from water with synthetic thiolates”*

**Feb. 25**NO LECTURE

**Mar. 4**Dr. Elizabeth Screaton, Dept. of Geology, University of Florida
*“From the seafloor to the seismogenic zone: fluids in earthquakes”*

**Mar. 11**Kentucky Geological Survey - speaker and title TBA

**Mar. 18**NO LECTURE

**Mar. 25**Dr. Chen Zhu, Dept. of Geological Sciences, University of Indiana
*“CO2-water-rock interaction with applications to geological carbon sequestration”*

**Apr. 1**Dr. Chris  Romanek, Dept. of Earth and Environmental Sciences, University of Kentucky
*“Interpreting the geochemical records locked in fossils: A tale of two clams”*

**Apr. 8**Dr. Kevin Stewart, Dept. of Geological Sciences, University of North Carolina
*“Post-orogenic deformation of the Southern Appalachians:  What in the world was happening during the Miocene?”*

**Apr. 15**Dr. Adam Soule, Woods Hole Oceanographic Institution
*“With a bang, or a whimper – Can explosive volcanic eruptions occur in the deep ocean?”*

**Apr. 22**Graduate student doubleheader - speakers and titles TBA