

## SMU Department of Geological Sciences Seminar Series Fall 2007

<u>DATE</u>	<u>SPEAKER</u>	<u>TITLE</u>
Sept. 7, 2007	<b>John Ferguson</b> University of Texas Dallas	"4D Microgravity Monitoring of Subsurface Fluid Movement: Large Scale Experiments at Prudhoe Bay, AK and in the Espanola Basin, NM"
Sept. 14, 2007	<b>Bruce Marsh</b> John Hopkins University	"Magmatic Mush Columns: An Antarctic Rosetta Stone"
Sept. 21, 2007	<b>Christian Sidor</b> Curator, Burke Museum of Vertebrate Paleontology	"The Sahara Before Dinosaurs: Fossils and Climate of Central Pangea During the Permian"
Sept. 28, 2007	<b>Robert Criss</b> Washington University St. Louis	"Environmental Transformations Benchmarked by the Lewis & Clark Expedition: Wildlife, Hydrology, and the Magnetic Declination".
Oct. 5, 2007	<b>Jon Olsen</b> American Association of Petroleum Geologists	"Fractured Reservoir Characterization: From Diagenesis and Fracture Mechanics to Reservoir Permeability"
Oct. 12, 2007	<b>Cal Barnes</b> Texas Tech University	"Is Magmatic Assimilation Important? Examples from the Norwegian Caledonides."
Oct.19, 2007	<b>Rodney Ewing</b> Hamilton Scholar, University of Michigan	"Energetic Particle Beams: Some Geologic Applications"
Oct. 26, 2007	<b>Jason McKenna</b> Engineer Research Development Center	"Applications of Near-Surface Geophysics to Homeland Security"
Nov. 2, 2007	<b>Charles Naeser</b> U.S. Geological Survey Reston, VA	"Unroofing of the Southern and Central Appalachians: A Regional Fission track Study."
Nov. 9, 2007	<b>Marc Wilson</b> Curator, Carnegie Museum of Natural History	"Minerals of the Northern Maramures District of Romania."
Nov.16, 2007	<b>Ian Duncan</b> Associate Director for Earth & Environmental Systems University of Texas Austin	"Monitoring CO <sub>2</sub> Sequestration in Saline Reservoirs."
Nov. 30, 2007	<b>John B. Wagner</b> Chief Geologist, Nexen Petroleum	"Allocyclic and Autocyclic Processes as Primary Controls on the Stratal Architecture and Sedimentological Expression of Depositional Systems From the Bolivian Sub-Andean Foreland Basin."

**SMU Department of Geological Sciences**

Heroy Building room 153, Fridays from Noon -1pm

Contact: Jenny Rosendahl 214-768-2750 [jennyr@smu.edu](mailto:jennyr@smu.edu)