

## SMU Department of Earth Sciences Seminar Series Fall 2010

<u>DATE</u>	<u>SPEAKER</u>	<u>TITLE</u>
August 27, 2010	First Day of Classes Celebration	"Making the best of Fall 2010"
September 3, 2010	Thomas Algeo University of Cincinnati	"New insights on the Permian-Triassic boundary mass extinction"
September 10, 2010	Mihan McKenna U.S. Army Research and Development Center	"Complex source signature physics and propagation path effects from topography on local to regional infrasound data"
September 17, 2010	John Wagner	TBA
September 24, 2010	Walter S. Kiefer Lunar and Planetary Institute	"Mantle Plume Volcanism Mars"
October 1, 2010	Peter Kubik ANADARKO Petroleum Corporation	"Wattenberg Field Petroleum Geology, DJ Basin, Colorado"
October 8, 2010	David London University of Oklahoma	"The experimental foundations of granite petrology"
October 15, 2010	Francesca Malfatti Scripps Institution of Oceanography	"High-resolution imaging of pelagic bacteria by Atomic Force Microscopy and implications for carbon cycling"
October 22, 2010	Don Helmberger California Institute of Technology	"Title earth structures from waveform complexity"
November 5, 2010	Carlos Aiken University of Texas, Dallas	"Are there advantages using 3D virtual geology in research and teaching? Take a Virtual Fieldtrip around Texas and the World in 3D stereo"
November 12, 2010	Dorothy Oehler NASA	"New insights into early evolution on Earth and applicability to the search for extraterrestrial life"
November 19, 2010	Justin Ries University of North Carolina at Chapel Hill	"Drivers of calcite-aragonite sea patterns throughout Phanerozoic time: seawater Mg/Ca vs. atmospheric pCO <sub>2</sub> "
November 26, 2010	Thanksgiving Break no classes	No classes
December 3, 2010	Peter Megaw	"Discovery of the Juanicipio-Valdecañas Vein Zone, Western Fresnillo District Zacatecas Mexico"
December 6, 2010	Last day of instruction	Happy Holidays

**SMU Department of Earth Sciences**

**Heroy Building Room 153      Friday from Noon to 1 pm**

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