

## SMU Department of Earth Sciences Seminar Series Fall 2017

<u>DATE</u>	<u>SPEAKER</u>	<u>Title</u>
August 25, 2017	Bob Gregory	Welcome to SMU Earth Sciences
September 1, 2017	Patrick Fulton Texas A&M University	"25,000 Feet Under the Sea: Taking the Temperature Inside Japan's Magnitude 9 Earthquake Fault"
September 8, 2017	Cecilia McHugh Queens College	"Earthquake triggered sedimentation: Lessons learned and future challenges"
September 15, 2017	Diego Quiros Baylor University	"Reflection imaging with earthquake sources and dense arrays"
September 22, 2017	Rebecca Flowers EarthScope Speaker Series	"Deep-time hypsometric history of the North American continental interior and implications for mantle dynamics"
Thursday, September 28, 2017 2:00 pm Heroy 153	Patricia Gregg University of Illinois, Urbana-Champaign	"Thermomechanical insights into triggering the 2005 eruption of Sierra Negra volcano, Galápagos"
September 29, 2017	Patricia Gregg University of Illinois, Urbana-Champaign	"Off-Axis Seamount Investigations at Siqueiros: The 2016 OASIS Expedition"
October 6, 2017	Gregory Herbert University of South Florida	"Conservation Paleobiology of Gulf of Mexico Oyster Reefs"
October 13, 2017	Ning Cao University of Houston	"Advanced SAR Interferometry Methods for Ground Displacement Estimation"
October 20, 2017	Barbara S. Minsker Lyle School of Engineering, SMU	"Insights on Great Lakes Water Quality From Geospatial Data Analytics."
October 27, 2017	Stephen Arrowsmith Sandia National Laboratories	"From waveforms to nukes: Revisiting how we use seismic data to detect nuclear tests"
November 3, 2017	Shaunna Morrison Geophysical Laboratory Carnegie Institution for Science	"Martian mineralogy and applications of mineral network analysis to comparative planetology"
November 10, 2017	Mirko van der Baan University of Alberta	"How widespread is human-induced seismicity in the United States and Canada?"
November 17, 2017	SMU Earth Sciences Faculty	"Research, Fieldwork, and Learning Opportunities"
December 1, 2017	Richard Gibson Texas A&M University	"Seismic Models of Complex Fracture Networks"

**SMU Department of Earth Sciences**

**Heroy Building Room 153      Friday from Noon to 1 pm (unless otherwise noted)**

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