

**SMU Roy M. Huffington Department of Earth Sciences Seminar Series Fall 2024**

DATE	SPEAKER	Title	Faculty Sponsor
August 30, 2024	Department Faculty	Welcome to SMU Earth Sciences Pizza Party	Heather DeShon
September 6, 2024	Marcin Jurek SMU Dept of Statistics	GIS Data Resolution and Accuracy	Xiao Yang
September 13, 2024	Farhad Khormali	Pedogenesis and Loess-Paleosols sequences in the Southern Caspian Lowlands and Central Asia: Implications for Paleoclimate Reconstruction	Neil Tabor
September 20, 2024	Angelo Villalobos Claramunt SMU Dept of Earth Sciences	Chilean Seismic Events and Their Recordings	Beatrice Magnani
September 27, 2024	Weimin Feng, Junghyun Park & Graduate Student TBD	Rock-toberfest Hear from faculty, students and alumni as they discuss their research.	Heather DeShon
October 4, 2024	Xiaowei Chen Texas A&M University	Probing earthquake triggering and source processes through multiscale analyses of induced seismicity	Heather DeShon
October 11, 2024	Allison Moreno University of California, Santa Cruz	Coastal Respiration Quotient: Controls and Limitations	Alex Chase
October 25, 2024	Chas Bolton University of Texas Institute for Geophysics	The role of fluid pressure on earthquake nucleation: Insights from laboratory experiments	Beatrice Magnani
November 1, 2024	Matt Hornbach Office of Naval Research, SMU	Mono Lake temperature logging and heat flow	Heather DeShon
November 8, 2024	TBA	TBA	
November 15, 2024	Melissa Kemp University of Texas, Austin	Anthropocene Biodiversity: Integrative response perspectives to enviornmental change from Quat. Fossils	Alex Chase
November 22, 2024	Paul Richards Columbia University	Diverse applications of "Precision Seismology"	Brian Stump
November 29, 2024	Thanksgiving Weekend	No Seminar	
December 6, 2024	TBA	TBA	

**SMU Department of Earth Sciences**

**Zoom Presentations ID: 981 0294 4602    Friday from Noon to 1 pm in Heroy 153 (unless otherwise noted)**

**Contact: Earth Sciences Coordinator 214-768-2750    geol@smu.edu**