

**SMU Roy M. Huffington Department of Earth Sciences Seminar Series Fall 2023**

DATE	SPEAKER	Title	Faculty Sponsor
August 25, 2023	Department Faculty	Welcome to SMU Earth Sciences Pizza Party	Heather DeShon
September 1, 2023	Jill Kelly SMU Dedman College	Cultural Intelligence Initiative at SMU	Heather DeShon
September 8, 2023	Nessa D'Mello SMU Earth Sciences	From source to summit: A case study of Taranaki volcano, New Zealand	Rita Economos
September 15, 2023	Vashan Wright Scripps Insitute of Oceanography	A cycle of memory creation, erasure and phase transitions in granular assemblages sheared by natural faults	Beatrice Magnani
September 22, 2023	Jeremy McDowell US Geological Survey	Historical data & global climate models to assess future water availability in the Trinity River Basin	Xiao Yang
September 29, 2023	Neil Tabor, Mackenzie White	<b>Rock-toberfest</b> Hear from faculty, students and alumni as they discuss their research.	Heather DeShon
October 6, 2023	Yujie Zheng University of Texas, Dallas	Monitoring and understanding Earth's surface changes with space-borne imaging radar	Zhong Lu
October 13, 2023	Arne Winguth University of Texas, Arlington	Transition into the early Eocene hothouse climate -- A deepMIP study with CESM1	Xiao Yang
October 20, 2023	Reed Stubbendieck Oklahoma State University	Actinobacteria Mediate Pathogen Inhibition & Iron Competition in the Nose	Alex Chase
October 27, 2023			Stephen Arrowsmith
November 3, 2023	Robert Gastaldo Colby College	Topic: Paleobiology	Neil Tabor
November 10, 2023	Andrew Smye Pennsylvania State University	Topic: Thermal and chemical evolution of continental lithosphere	Rita Economos
November 17, 2023	Neil Griffis US Geological Survey	Topic: Paleo-environmental changes during the Carboniferous-Permian transition	Neil Tabor
November 24, 2023	Thanksgiving Weekend	No Seminar	
December 1, 2023	Matthew Clapham University of California, Santa Cruz	Topic: Paleobiology	Alex Chase Rita Economos

**SMU Department of Earth Sciences**

**Zoom Presentations ID: 938 6008 3957    Friday from Noon to 1 pm in Heroy 153 (unless otherwise noted)**

**Contact: Earth Sciences Coordinator 214-768-2750    [geol@smu.edu](mailto:geol@smu.edu)**