

BOONE PICKENS SCHOOL OF GEOLOGY

Faculty

Camelia Knapp, Ph.D.—Head (Exploration Geophysics)

Professors: Mohamed Abdel Salam, Ph.D. (Geophysics, Structural Geology, and Remote Sensing); G. Michael Grammer, Ph.D. (Carbonate Sed/Strat and Reservoir Characterization); Todd Halihan, Ph.D. (Hydrogeology and Hydrogeophysics); Priyank Jaiswal, Ph.D. (Geophysics, Inverse Theory and Data Analytics); James H. Knapp, Ph.D. (Tectonics and Geophysics); Jack Pashin, Ph.D. (Structural Geology, Basin Analysis and Sedimentary Geology); Jim Puckette, Ph.D. (Petroleum Geology and Geoscience Education)

Associate Professors: Daniel Laó Dávila, Ph.D. (Structural Geology and Tectonics); Tracy Quan, Ph.D. (Isotope/Organic Geochemistry); Natascha Riedinger, Ph.D. (Sedimentary Geochemistry); Javier Vilcaez, Ph.D. (Geological Engineering and Fluid Dynamics)

Assistant Professors: Ashley Burkett, Ph.D. (Micropaleontology, Biostratigraphy, and Climate); Ahmed Ismail, Ph.D. (Near Surface Geophysics and Exploration Seismology); Tingying Xu, Ph.D. (Hydrogeochemistry and Metal (Bio)Geochemistry); Yipeng Zhang, Ph.D. (Hydrogeology)

Teaching Assistant Professor: Brandon Spencer, Ph.D. (Structural Geology, Igneous Petrology, and Geo Education)

Visiting Associate Professor: Mary Hileman, Ph.D. (Sedimentology and Petroleum Geology)

Adjunct Assistant Professor: Caitlin Barnes, Ph.D. (Hydrogeology, Science Education, and Online Education)