

# BOONE PICKENS SCHOOL OF GEOLOGY

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## Faculty

Interim Department Head—Todd Halihan, Ph.D. (Hydrogeology and Hydrogeophysics)

**Professors:** 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); Camelia Knapp, Ph.D. (Exploration Geophysics); 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); Tracy Quan, Ph.D. (Isotope/Organic Geochemistry)

**Associate Professors:** Daniel Laó Dávila, Ph.D. (Structural Geology and Tectonics); 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)