SOCIETY OF INDEPENDENT PROFESSIONAL EARTH SCIENTISTS

DALLAS CHAPTER
P.O. Box 793721
Dallas, TX 75379

APRIL LUNCHEON MEETING

Date: **Tuesday, April 16, 2024**
Place: **Prestonwood Country Club – 15909 Preston Road, Dallas, TX 75248**
Time: **11:30 A.M. (dining at 11:45 A.M.)**

Topic: **Understanding the Louann Salt: Geochemical Data in Salty Situations**

Salt bodies are of interest in both onshore and offshore environments, as they are an integral part of petroleum systems, acting both as seals for hydrocarbon traps and providing paths of low thermal resistance affecting maturity. Here we present preliminary studies of salt bodies in the deepwater Gulf of Mexico utilizing X-ray fluorescence analyzers verified with traditional geochemical techniques on drill cuttings. These detailed measurements have revealed more complex chemistry and heterogeneity than was previously recorded. Traditional downhole tool measurements do not provide information on the detailed chemical character of the rocks, while both resolution and character compromise geophysical acquisition programs. This novel approach provides new insights into the nature and composition of these important geological features.

Speaker: **Dr Julie Bloxson, assistant professor at Stephen F. Austin State University**

Dr Julie Bloxson is currently an assistant professor at Stephen F. Austin State University and heads the East Texas Core Repository. Her goal for the facility is to allow students to gain the necessary skills for industry and research and to facilitate a connection between local industry and academia for future research. Currently, she is focusing on critical minerals and REEs in evaporites and shales across North America, and characterizing conventional reservoirs for CCUS and EOR. She is also part of the technical committee for GeoGulf24, and will be bringing GeoGulf25 to SFA Campus.

Please RSVP by 12:00 Noon on Thursday, April 11, 2024 to
Carole Popa, SIPES-Dallas Chapter Secretary,
at carolerkp@yahoo.com or by phone 972-985-7830.
Guests are welcome. Their lunch expense is $40.
Dallas Chapter invites potential new members by paying for their meal.