

2025 RCRL ANNUAL SPONSOR'S MEETING

OCTOBER 14-16, 2025 IN HOUSTON, TEXAS

BEG HOUSTON RESEARCH CENTER, 11611 WEST LITTLE YORK RD., HOUSTON, TX 77041

Tuesday, Oct. 14 – Smackover Research

8:20 – Introduction to RCRL Meeting (Janson)

8:30 – New insights into the Smackover of Northeast Texas and Southern Arkansas (Loucks)

9:15 – Update on reservoir properties of Smackover in Arkansas (Janson)

9.40 – *Break*

10:00-12.00 Smackover Core Workshop

12:00 – *Lunch*

Cretaceous Analogues Examples

12:45 – Albian carbonates from the Pecos-Devil's River system as analogues for platform and facies architecture in Middle East Cretaceous super giants (Rendall, Kerans)

1:15 – Defining intrashelf basin margin trends – example from the Maverick Basin and Devils River Trend, Southwest Texas (Braden Vines, MSc)

1:45 – OAE1d and the Cenomanian–Turonian mixed succession of East Texas: stratigraphic and geochemical perspectives from local to global scales – (Abdulkarim Alhussaini, PhD candidate)

2:15 - Fault-related fracture model and workflow in a carbonate reservoir analog, Lewis Canyon, Texas (Zahm and Dommissé)

2:45 – *Break*

Paleozoic Analogue Systems

3:00 - Complex 3D closures in heterolithic anticlinal folds with applications to the Delaware Basin and CBP (Zahm)

3:30 - Recent advances in detrital zircon geochronology and implications for continental-scale Pennsylvanian paleodrainage patterns (Malone)

4:00 – Ancestral Rocky Mountain deformation in south-central New Mexico: insights from Detrital Zircon U-Pb and (U-Th)/He dating in the Orogrande Basin (S. Juarez, Stockli)



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4:30 – *Adjourned for day*

5:00 – 8:00 - **RCRL Friends and Alumni Gathering at Senate Avenue Brewing Company**, 16000 Dillard Dr Suite F, Jersey Village, TX 77040

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Wednesday, Oct. 15 - Pennsylvanian Analogue Examples

8:30 – Pennsylvanian to Wolfcampian Shelf carbonates in Northern Delaware (Janson, Rendall, Price)

9:00 – Outcrop characterization from the Sacramento Mountains for improved understanding of Strawn phylloid mound reservoir facies (Rendall, Kerans, Janson, Malone)

9:30 – Local and regional controls on mixed carbonate-siliciclastic slope and basin deposits during a global icehouse: Examples from the Pennsylvanian Bird Spring Shelf and Keeler Basin, east-central California (Malone)

10:00 – *Break*

10:15-12:15 Paleozoic Core Workshop

12:15 - *Lunch*

Permian-Pennsylvanian Analogue Examples

1:00 - Guadalupian infill history of the Midland Basin and the need for an Integrated Delaware-Midland Basin Framework (Kerans, Dommissé, Janson)

1:30 - Seismic architecture of the Pennsylvanian/ early Permian carbonate slopes of the NW Delaware Basin (Janson, Dommissé, Price, Kerans)

2:00 - Machine Learning lithofacies prediction validation using horizontal well production performance in Kingdom Abo field, Midland Basin (Dommissé)

2:30 – *Break*

2:45 - Structural cross sections and the tectonic controls on shelf margins and basinal deposits (Zahm, Janson, Dommissé)

3:15 - Southeast Lea County Central Basin Platform shelf margin faulted framework geomodel (Dommissé)



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3:45 - Student Quick Hit Proposals for Research

4:15 – *Adjourn for the day*

5:00 PM - **RCRL Friends and Alumni Gathering** - Senate Avenue Brewing Company, 16000 Dillard Dr Suite F, Jersey Village, TX 77040

Thursday, Oct. 16 – Younger Carbonate Systems as Analogues for Predictive Concepts

8:30 – Comparative Anatomy of the Last Interglacial (MIS 5e) and Holocene (MIS 1) Highstands, Bahamas-Caicos Archipelago (Kerans/Fullmer/Rendall)

9:15 – Application of UAV-acquired lidar to Pleistocene depositional facies, Cozumel (Zahm and Kerans)

9:45 – *Break*

10:00 – Feedbacks in carbonate and siliciclastic sediment production, routing, and deposition across the rift to drift transition, examples from the hyperarid northern Red Sea and Atlantic conjugate margins (Rendall)

11:00 – Future Projects and Feedback to the RCRL Research Program

11:30 - *Adjourned*

