



Applied Geoscience Conference

March 7 - 8, 2017

Posters – March 7-8, 2017

Poster Session Chairs: Christina Calvin, Mike Effler and Steven Macallelo

University	Student Name	Poster Topic
Colorado State University	Marisa Boraas-Connors , Dr. Judith Hannah and Dr. Holly Stein	Using Lithologic and Chemostratigraphic Variation to Interpret Re-Os Isochrons of Organic-rich Shales: The Late Jurassic Agardhfjellet Formation, Svalbard, Norway
Cornell University	Jonathan Casey Root and Dr. Teresa Jordan	Diagenetic Evolution of the Cherry Valley Member of the Oatka Creek Formation, Marcellus Subgroup, New York
New Mexico Tech University	Natasha Trujillo	Influence of Lithology and Diagenesis on Mechanical and Sealing Properties of the Thirteen Finger Limestone and Upper Morrow Shale, Farnsworth Unit, Texas
Oklahoma State University	Ibukun Bode , G. Michael Grammer and Beth Vandenberg	NMR Characterization and Pore-scale Imaging in Mississippian-Aged Carbonate Mudrocks of the Southern Midcontinent
Oklahoma State University	Justin Steinmann , G. Michael Grammer and Natascha Riedinger	Assessing Sulfur Isotopes as a Potential Correlation Tool in Carbonate Mudrocks of the Mississippian Limestone
Southern Illinois University	John Ejembi and Sally L. Potter-McIntyre	Utilizing Multi-Geochemical Proxies in Paleosols to Investigate the Shift in Middle Jurassic Depositional Environment in Western Colorado
Texas A & M University	Han Li	Hydraulic Fracture Height Predictions in Laminated Shale Formations Using Finite-Discrete Element Method
Texas Tech University	Eric Friedman and Dustin E Sweet	Preliminary Results: Comparing Siliciclastic Content of Ramp to Rimmed Carbonate Slope Deposits During Relative Sea Level Highstands
University of British Columbia	Pablo Lacerda Silva	Contrasting Reservoir Facies of the Doig Formation, Western Canada Sedimentary Basin: Insights from Pore-size Distribution, Mineralogy and Organic Geochemistry
University of Houston	Anna Krylova and Gennady Goloshubin	Dispersive Properties of a Fractured Fluid-Saturated Layer
University of Houston	Ane Slabic	Uranium, Thorium, and Lead Isotope Geochemistry of Petroleum Source Rocks: An Example from the Eagle Ford Group, Texas
University of Houston	Zohreh Souri	TOC Estimation of the Marcellus Shale, Bradford County, Pennsylvania
University of Louisiana at Lafayette	Logan Adams	New Plays in an Old Field: Depositional History and Source Rock Characterization at Teapot Dome, Wyoming
University of Oklahoma	Alex M Vachaparampil and Ahmad Ghassemi	The Influence of the Intermediate Principal Stress on the Strength of the Mancos Shale
University of Texas of Permian Basin	Joanna Walker , Troy Tittlemier, Carlos Saenz, Fatimah Adelekan, Jesse Marinelarena and Mike Camona	The Impact of Post Oil Emplacement Tectonics of the Delaware Mountain Group, with an Emphasis on Residual Oil Zone Potential

Participating Schools

Colorado State University
Southern Illinois University
University of Houston

Cornell University
Texas A & M University
University of Louisiana at Lafayette

New Mexico Tech University
Texas Tech University
University of Oklahoma

Oklahoma State University
University of British Columbia
University of Texas of Permian Basin

Open during Coffee and Lunch Breaks • Allison Hall Main Conference Room