



# GSA 2019

## Combined South-Central, North-Central & Rocky Mountain Section Meeting of the Geological Society of America

**MANHATTAN, KS**  
25–27 March 2019

**ABSTRACT DEADLINE**  
4 December 2018

**INFO/SUBMISSION**  
[www.geosociety.org/sc-mtg](http://www.geosociety.org/sc-mtg)

### PROPOSED TECHNICAL SESSIONS

- Conventional and Unconventional Reservoir Rocks: Advances in Experiments, Modeling, and Simulations
- Niobrara: Outcrop to Foreland
- Injection-Induced Seismicity in the U.S. Midcontinent: Where are we after a Decade?
- Crustal Structure of the Midcontinent using Geophysical and Geodynamic Data
- Mantle Dynamics and Lithospheric Deformation
- Tectonic Processes and Characteristics of Laramide Foreland Deformation
- Evolution of the Southern Rio Grande Rift
- Cenozoic Magmatic and Tectonic Processes of Colorado-New Mexico: Understanding Voluminous Volcanism During the Transition from Laramide Contraction to Rio Grande Rift Extension
- Mafic and Ultramafic Magmatism in the Mid-Continent and Beyond
- Rhyolite/Granite Magmatism
- Microanalyses, Macro Implications: Using Microscale Analyses to Decipher System-to-Regional Scale Processes
- Mineral and Energy Extraction: Impacts on Society and Health
- Women and Geology: Leading the Charge for Inclusion
- Geoscience Outreach and Engagement
- Innovative Approaches to Broadening Student Geoscience Experiences across the Midcontinent
- Microbiomes in the Geosphere
- Natural and Artificial Tracers in Catchment Hydrologic and Biogeochemical Research
- Unconventional Aquifers and Aquifer Management
- Aquifer Storage and Recovery: Water Quantity and Quality Impacts
- Advances in the Measurement and Modeling of Integrated Surface and Subsurface Hydrologic Systems
- Continuous Water Quality Monitoring
- Surface Water Quantity and Flood Risks
- The Low Down on the High Plains: Geologic and Hydrogeologic Studies of the High Plains Aquifer
- Karst Processes and Speleology
- Midcontinent Paleoclimatology
- Climate and Land Use Influences on Erosion and Sediment Flux and Impacts on Sustainable Water Management in Reservoirs
- Terrestrial Hydroclimate Variability through the Holocene: Causes and Impacts Based on Proxies and Models
- Exciting New Interdisciplinary Themes in Quaternary Geochronology
- Quaternary Landscape Evolution in the Midcontinent: Improved Insights from Geochronology
- The Chronology of Big Pleistocene Events and Tracking them from Source to Sink
- Past and Present Landform Deposition and Stabilization in Glacial and Periglacial Environments
- Pleistocene Records of Climatic and Environmental Change in the Rocky Mountains, Great Plains, and Midwest
- Geology of the Greater Kansas City Area (Posters)
- Undergraduate Student Research (Posters)
- There will also be general discipline sessions. All the geosciences will be represented!

### TECHNICAL PROGRAM CHAIRS

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