



**64th Annual Meeting of the Southeastern Section, GSA  
19-20 March 2015**

For more information, visit our website,  
[www.geosociety.org/Sections/se/2015mtg](http://www.geosociety.org/Sections/se/2015mtg)  
or email any of the local committee,

Jonathan Mies	Jonathan-Mies@utc.edu	General Chair
Ann Holmes	Ann-Holmes@utc.edu	Field Trips
Amy Brock-Hon	Amy-Brock-Hon@utc.edu	Technical Program
Kevin Hon	khon@smeinc	Exhibits
Claire Landis	Claire-Landis@utc.edu	Student Volunteers

Abstract deadline: **9 December 2014**  
Early registration deadline: **17 February 2015**  
Cancellation deadline: **23 February 2015**  
Hotel registration deadline: **25 February 2015**

**SYMPOSIA**

Paleozoic Paleontology of the Southeast  
In Honor of Hugh H. Mills: Geomorphology and Earth Surface Processes in the Southern Appalachians: Landscape Evolution and Practical Applications  
John Dennison Memorial Symposium: Appalachian Geology and Paleozoic Glacioeustasy

**THEME SESSIONS**

Geology Careers for New Geology Graduates  
Kinematic Evolution of Faults and Shear Zones in the Appalachians  
The Science Behind Water and Land Management Practices  
Gas Shale and Oil Sands Resources of the Southeastern United States  
Undergraduate Research (Posters)  
Traces Then and Now: One Ichnology  
Ordovician Tectonics of the Appalachians: New Ideas on an Ancient Orogen  
Metamorphism from Zeolite Facies to UHP and UHT with Emphasis on Models for Predicting Metamorphic Mineral Stability

Wetlands in the Southeast: Hydrology, Soils, and Environmental Change  
Crushed Stone, Dimension Stone, Landscape Stone and Industrial Mineral Resources of the Southeastern United States  
Eastern Tennessee Seismic Zone and Paleoseismology in the Southeastern United States  
Teaching Evolution in the Southeast  
Sinkholes, Swallets, and Subsidence: Karst Investigations in the Southeast  
Geologic Maps, Geophysical Maps, Digital Geologic Maps, and Derivatives from Geologic and Geophysical Maps

Plus discipline sessions, ranging from *archeological geology* to *volcanology*

**STUDENT OPPORTUNITIES**

The Roy J. Shlemon Mentor Program in Applied Geoscience  
The John Mann Mentors in Applied Hydrogeology Program  
On to the Future (OTF)  
Geoscience Career Workshop  
Outstanding Undergraduate Research Poster Award for the best poster in the Undergraduate Research Poster session.  
Free registration for approximately 6 hours of student volunteer work.  
For information on travel grants, visit [www.geosociety.org/sections/se/students.htm](http://www.geosociety.org/sections/se/students.htm).

**FIELD TRIPS**

Exploring the Origins of Modern Topographic Relief in the Southern Appalachians: An Excursion through the Transient Landscape of the Cullasaja River Basin, North Carolina  
Structural Geology and Paleozoic Tectonics of the Nashville Dome, Tennessee  
Coal Mining Impacts and Remediation in the Chattanooga Region  
Evolution and the Evidence around Dayton, Tennessee  
Geology and Water Use History Atop the Cumberland Plateau  
Sedimentary Architecture of Basinal Fort Payne (Mississippian) Deposits: Mixed Carbonate-Clastic Channels and Waulsortian-Like Mounds  
A Laurentian Margin Back-Arc: The Ordovician Wedowee-Emuckfaw-Dahlonge Basin  
Sequence Stratigraphy, Invertebrate Fauna and Ichnofacies of the Silurian Red Mountain Formation, Birmingham, AL to Chattanooga, TN  
Geology and Tectonic Development of Sequatchie Valley, Tennessee