GOVERNOR’S SCHOOL
For Scientific Models and Data Analysis

Summer 2013
Sunday, May 26th ---- Friday, June 28th

Sponsored by:
The Center of Excellence in Mathematics and Science Education
East Tennessee State University
P.O. Box 70301* Johnson City, Tennessee 37614

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Governor’s School 2013

Front row: Anna Fox, Leona Peters, Alexandra Grubb, Purnima Patel, Daisy Cheng, Morgan Miller, Summer Chambers

Second row: Jamie Afghani, Grace Choi, Christian Harris, Knox Kelly, Rachael Cummings, Chad Nieri, Noah Clabo

Third row: Princess Nwoke, Jessica Barbee, Justin Scobey, Kelsey Henderson, Destiny Roberts, Luisa Chavez, Edwin Tsay, Hershey Aggarwal

Back row: Greg Logsdon, Zach Tucker, Matt McConnell, Alora-Mae Gregory, Ethan Hall, Daniel Brown, Eric Qualkenbush, Caleb Ignace
Opening Day Events

Students & parents got to meet all the new faces from across Tennessee. Everyone checked into their rooms and got their first college dorm experience.
Our students got a glimpse into the past. Dr. Mike Zavada led our students while they worked with paleontology specialists, toured the Natural History Museum, and viewed the amazing discoveries at the digging site.
Spider Study at the Warriors Path State Park.
Dr. Thomas TJ Jones took the students to Warriors Path State Park to hunt spiders and conduct important research. The students saw huge spider webs and had a great time on the water.
Warrior’s Path State Park

The students had a wonderful time playing on the playground and eating a picnic lunch in Warrior’s Path State Park.
Tour of the ETSU Medical School Labs

The students got to practice on the simulators at the Quillen College of Medicine. They had to resuscitate the simulator back to life, give an IV, check the air passage, while Dr. Rhoton observed.
Dr. Zavada was pointing out how the land has changed over the years. He explained how the Gray Fossil Site was a sinkhole millions of years ago, which is why the area is so rich with fossils.
Group Photos
Trip to Eastman Chemical Company
Trip to Historic Jonesborough in Jonesborough, TN

Activities around Jonesborough: The students shopped in various stores, and visited the Jonesborough/Washington County History Museum, the International Storytelling Center and the Historic Jonesborough Visitors Center.

Live music on the square: Jonesborough is considered the birthplace of country music and there are free concerts downtown every Friday night from May through December.
Roan Mountain State Park encompasses 2,006 acres of southern Appalachian forest at the base of 6,285 foot Roan Mountain. Park elevation ranges from 3,000 feet in the valley to around 3,700 feet on surrounding ridges. Rich hardwood forests allow for a great diversity of life and a wide range of outdoor activities. Park guests have opportunities to hike along creeks and ridges, fish for trout, play tennis, swim, tour a century old farmhouse, join rangers and naturalists for educational programs, and enjoy mountain music concerts.

**History of the area fauna and flora**

**Activities Include:** Cabins, Hiking Trails, Fishing, Swimming, Camping.

**Park Features:** Carver’s Gap & Miller’s Homestead

*Carver’s Gap*  (Carver’s Gap, a low point in the ridgeline of Roan Mountain, is 8 miles past the park on highway 143. As you drive up the road you leave Roan Mountain State Park and enter Cherokee National Forest, which is under the jurisdiction of the U.S. Forest Service (USFS). The parking lot at the gap provides access to the Appalachian Trail (AT). To the north, the AT crosses a series of grassy bald, virtually treeless areas that offer unobstructed views of the Blue Ridge Mountains in Tennessee and North Carolina. This 10 mile stretch of bald is touted by many AT thru hikers as one of the most beautiful sections of the entire trail. To the south, the AT climbs to the high point of the Roan Mountain ridge - 6,285 foot Roan High Knob.)

*Miller’s Homestead*  (The Miller House was built in 1909 and is now preserved as a reminder of the way folks used to live in these mountains. A barn, corn crib, hog pen, root cellar, smoke house, chicken house, spring house and, of course, an outhouse surround the old frame house.)
Roan Mountain Photos

Governor’s School students, Dr. Jack Rhoton, and Mrs. Jennifer Bauer (tour guide)

Governor’s School students on top of Roan Mountain
Jennifer Bauer, Dr. Rhoton (Guide for Roan Mountain Tour)
Bays Mountain State Park in Kingsport, TN

Amphitheatre

Wolf habitat
Raptor habitat

Nature Program

White-tail Deer Habitat

Bobcat Habitat

Raccoon Habitat

Turtle Sanctuary

North American River Otter
Fun Photos
The Carter Family Fold in Hilton’s Virginia

The Carter Family Memorial Music Center, a non-profit organization, serves fans and supporters of old-time country and folk music through the presentation of weekly performances at the Carter Family Fold, in Hiltons, Virginia. It also honors the memory of the first family of country music, the legendary Carter Family (A.P. Carter, Sara Carter, and Maybelle Carter), whose first recordings (in 1927) are credited with giving birth to the commercial country music industry. The Carter Family Memorial Music Center was founded and is directed by Janette Carter, daughter of A.P. and Sara, who with Sara’s cousin Maybelle, comprised the original Carter Family.

The Carter Music Show

Tour of Gift Shops

Hilton’s Virginia
Getting to Know You

Settling into the dorms was tough for everyone. Leaving the comforts of home was a challenge, not to mention getting to know our room and suite mates. But, as the weeks went by and everyone became familiar, living in the dorms became an adventure instead of a nightmare.

Catching up with friends and taking a break from our homework and papers were some of our favorite pastimes. On the weekends we enjoyed field trips and down time.
# Faculty and Staff

## COUNSELORS:

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Miss Amanda L. Pike</td>
<td>Lead Governor’s School Counselor</td>
</tr>
<tr>
<td>Mr. William K. Lowe</td>
<td>Governor’s School Counselor</td>
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<tr>
<td>Miss Danielle Shackelford</td>
<td>Governor’s School Counselor</td>
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<td>Miss Abigail A. Williams</td>
<td>Governor’s School Counselor</td>
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## Faculty:

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Dr. Robert Price</td>
<td>Professor/Instructor</td>
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<tr>
<td>Dr. Karl Joplin</td>
<td>Professor/Instructor</td>
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<tr>
<td>Dr. Hugh Miller</td>
<td>Computer Lab Instructor</td>
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<td>Dr. Ariel Cintron-Arias</td>
<td>Professor/Instructor</td>
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<tr>
<td>Dr. Jack Rhoton</td>
<td>Governor’s School Director</td>
</tr>
<tr>
<td>Mrs. Lisa Ray</td>
<td>Washington County Dept. of Education Field Trip Bus Driver</td>
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<tr>
<td>Governor’s School Field Trip and Experimental Design Class Professionals</td>
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| Jennifer Bauer  
(Tour Host for Roan Mountain State Park & Nature Walk) |
| Dr. Gary Henson  
(ETSU/Prof. of Astronomy/Planetarium Program/Observatory Tour/Experimental Design Class) |
| Dr. T.J. Jones  
(ETSU/Prof. of Biology/Tour Host for Warriors Path Spider Hunting & Experimental Design Class) |
| Dr. Karl Joplin  
(ETSU/Assoc. Prof. of Biology/Experimental Design Class/Instructor) |
| Dr. Debra Knisley  
(ETSU/Prof. of Mathematics/Experimental Design Class) |
| Dr. Timothy McDowell  
(ETSU/Assoc. Prof. Biology)  
Campus Arboretum Tour |
| Dr. Hugh Miller  
(ETSU/Assoc. Prof. Biology)  
Computer Lab |
| Dr. Diane Nelson  
(ETSU/Assoc. Prof. Biology/Experimental Design Class) |
| Dr. Robert Price  
(Professor/Instructor) |
| Dr. Jack Rhoton  
(Director, GS SM&DA/ETSU/Prof. of Science/Instructor) |
| Dr. Edith Seier  
(ETSU/Assoc. Prof. of Mathematics/Experimental Design Class) |
| Dr. Mike Zavada  
(ETSU/Chair/Professor of Biology/Gray Fossil Site/Experimental Design Class) |
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<tr>
<th>Kelsey Henderson</th>
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<td>Justin Scobey</td>
<td>Edwin Tsay</td>
<td>Zachary Tucker</td>
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Autographs
Autographs
Governor’s School students at Eastman Chemical Company

Governor’s School students at Gray Fossil Site & Museum
Counselors

Danielle Shackelford, Amanda Pike, & Abigail Williams

William Lowe, Amanda, & Abigail

Abigail, William, & Danielle

Abigail & Danielle

Amanda

Abigail & Amanda

Danielle & Amanda
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Sponsor of the
Tennessee Governor’s School for Scientific Models and Data Analysis
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This Governor’s School yearbook belongs to:

Ms. Angela Haga