GOVERNOR’S SCHOOL
for Scientific Models and Data Analysis

Summer 2015

Sunday, May 24th ---- Friday, June 26th

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 2015

Front row: Cameron Austin, Kassandra Ayala, Amelia Baran, Anup Challa, Mary Katherine DeWane, Abigail Ezell, Brenna Flynn, Julia Gooncalves, Aiden Gonzalez, Alexis Greene


Third row: Kaleb Roderick, Shailey Shah, Todd Simmons, Matthew Toppenberg, Mia Spivey, Mya Spivey, Cameron Stone, Annie Tieu, Briana Wheeler, Caroline Wilson
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.

Dr. Godbole was talking to the students and parents informing them about the five week program and what to expect during their stay at ETSU.
Experimental Design at the Gray Fossil Site

Our students got a glimpse into the past. Our students toured the Natural History Museum, and viewed the amazing discoveries at the digging site.
Snap-on Incorporated is a leading global innovator, manufacturer and marketer of tools, equipment, diagnostics, repair information and systems solutions for professional users performing critical tasks. Products and services include hand and power tools, tool storage, diagnostics software, information and management systems, shop equipment and other solutions for vehicle dealerships and repair centers, as well as for customers in industries, including aviation and aerospace, agriculture, construction, government and military, mining, natural resources, power generation and technical education. Snap-on also derives income from various financing programs to facilitate the sales of its products. Products and services are sold through the company’s franchisee, company-direct, distributor and internet channels. Founded in 1920, Snap-on is a $3.3 billion, S&P 500 company headquartered in Kenosha, Wisconsin.
Tour of the ETSU Medical School Labs
Our tour guide pointed 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.
Talent Show Photos
Trip to Eastman Chemical Company
Trip to Historic Jonesborough in Jonesborough, TN
Historic Jonesborough Monuments & Buildings
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.)
Governor’s School students on top of Roan Mountain
Bays Mountain State Park in Kingsport, TN

Wolf habitat
White-tail Deer Habitat

Bobcat Habitat

Raccoon Habitat

Turtle Sanctuary

North American River Otter
Fun Photos

The Raptor Center

Carter Family Fold
Old Time Music
Every Saturday Night

Quillen College of Medicine

Back to the Miocene

Faces and Voices That Made Jonesborough The Center of Storytelling

Roan Mountain State Park

Snap-on Tools
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.
<table>
<thead>
<tr>
<th>Faculty and Field Trip Guides</th>
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<tbody>
<tr>
<td><img src="90x609to179x713" alt="Image" /></td>
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</tbody>
</table>
| **Dr. Nicole Lewis**  
(Professor/Instructor) Mathematics | **Dr. Karl Joplin**  
(Professor/Instructor) Biology | **Dr. Hugh Miller**  
(Computer Lab Instructor) |
| ![Image](95x444to173x552) | ![Image](258x448to339x552) | ![Image](109x288to159x390) |
| **Ms. Angela Haga**  
Assistant Director /GS SM&DA  
Executive Secretary/ CEMSE | **Dr. Anant Godbole**  
Governor’s School Director  
Professor of Mathematics & Statistics | |
| ![Image](250x287to347x390) | ![Image](430x287to512x390) | ![Image](90x118to178x221) |
| **Mrs. Jennifer Bauer**  
(Pisgah National Forest) | **Mr. Jon J. Carley**  
(Snap-On Tools) | **Dr. Anant P. Godbole**  
(Governor’s School Director)  
Professor of Mathematics & Statistics  
Experimental Design Class |
| ![Image](565x31to199x747) | ![Image](199x747to290x747) | ![Image](290x747to326x747) |
| **Mrs. Mary Jane Greene**  
(Aerojet Rocketdyne)  
Human Resources Director | **Dr. Gary Henson**  
(ETSU/Prof. of Astronomy/Planetarium  
Program/Observatory)  
Experimental Design Class | **Mr. Fred Hilton**  
(Bays Mountain State Park and  
Planetarium)  
Department Supervisor, Nature  
Interpretive Services) |
| **Dr. T.J. Jones**  
(ETSU/Prof. of Biology)  
Experimental Design Class | **Mrs. Sherry Morelock**  
(Eastman Chemical Company)  
Corporate Social Responsibility Specialist | **Dr. Diane Nelson**  
(ETSU/Assoc. Prof. Biology)  
Experimental Design Class |
|---|---|---|
| **Dr. Mitchell Robinson**  
(ETSU/Prof. of Biochemistry & Molecular Biology/James H. Quillen College of Medicine) | **Dr. Edith Seier**  
(ETSU/Assoc. Prof. of Mathematics)  
Experimental Design Class | **Dr. Chih-Che Tai**  
(Assistant Director CEMSE)  
Experimental Design Class |
| **Mr. Doug Taylor**  
(Asst. Dean Admissions & Records)  
James H. Quillen Medical School | **Mr. Travis Watson**  
(ETSU/Arborist Manager)  
Campus Arboretum Tour Guide | **Dr. Robert M. White**  
(Assistant Professor, Teaching & Learning)  
White’s Organic Farm |
<table>
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<tr>
<th>Residential Counselors</th>
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| **Stephanie M. Unbewust**  
  *(Lead GS Counselor)*      |
| **Miss Lydia M. Carr**  
  *(Governor’s School Counselor)* |
| **Miss Amanda Hill**  
  *(Governor’s School Counselor)* |
| **Nicholas Papworth**  
  *(Governor’s School Counselor)* |
| **Mr. Willie Griffin**  
  *(Washington County DOE Bus Driver)* |
The 2015 Governor’s School for Scientific Models & Data Analysis Graduating Class

<table>
<thead>
<tr>
<th>Cameron S. Austin</th>
<th>Kassandra F. Ayala</th>
<th>Amelia K. Baran</th>
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<tbody>
<tr>
<td>Chattanooga Christian School</td>
<td>Stone Memorial High School</td>
<td>Houston High School</td>
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<tr>
<td>Anup P.A. Challa</td>
<td>Mary Katherine DeWane</td>
<td>Abigail A. Ezell</td>
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<td>White Station High School</td>
<td>White Station High School</td>
<td>Brentwood High School</td>
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<tr>
<td>Brenna K. Flynn</td>
<td>Julia E. Goncalves</td>
<td>Aiden A. Gonzalez</td>
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<td>Concord Christian School</td>
<td>Cleveland High School</td>
<td>McKenzie High School</td>
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<tr>
<td>Alexis M. Greene</td>
<td>Cortlyn A. Holdren</td>
<td>Madison B. Hostetler</td>
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<td>Siegel High School</td>
<td>Elizabethton High School</td>
<td>Siegel High School</td>
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<tr>
<td>Mackinzie L. Hutchison</td>
<td>Ashwin R. Jagadish</td>
<td>Spenser H. Johnson</td>
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<td>Creek Wood High School</td>
<td>Science Hill High School</td>
<td>Siegel High School</td>
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<tr>
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<tr>
<td>Allycia Yuen-Kay Lee</td>
<td>Chattanooga School Arts &amp; Sciences</td>
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<tr>
<td>Mitch D. Long</td>
<td>Tipton-Rosemark Academy</td>
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<td>David C. Massie</td>
<td>McEwen High School</td>
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<tr>
<td>Brandon P. Patel</td>
<td>Central Magnet School</td>
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<tr>
<td>Jacob C. Raines</td>
<td>Fairview High School</td>
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<td>Kaleb T. Roderick</td>
<td>Smyrna High School</td>
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<tr>
<td>Shailey C. Shah</td>
<td>Chattanooga School Arts &amp; Sciences</td>
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<tr>
<td>Todd Z. Simmons</td>
<td>White Station High School</td>
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<tr>
<td>Mia K. Spivey</td>
<td>Madison Academic Magnet High School</td>
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<td>Mya T. Spivey</td>
<td>Madison Academic Magnet High School</td>
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<tr>
<td>Cameron A. Stone</td>
<td>Siegel High School</td>
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<tr>
<td>Annie Tieu</td>
<td>Chattanooga School Arts &amp; Sciences</td>
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<tr>
<td>Matthew D. Toppenberg</td>
<td>Providence Academy</td>
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<tr>
<td>Briana M. Wheeler</td>
<td>Siegel High School</td>
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<tr>
<td>Caroline G. Wilson</td>
<td>Knoxville Catholic High School</td>
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</tbody>
</table>
Autographs
Autographs
Governor’s School students at Eastman Chemical Company

Governor’s School students at Gray Fossil Site & Museum
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The Center of Excellence in Mathematics and Science Education

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Tennessee Governor’s School for Scientific Models and Data Analysis
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This Governor’s School yearbook belongs to:

Governor Bill Haslam