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TENNESSEE DEPARTMENT OF EDUCATION

Faculty

Dr. Anant P. Godbole, Director
Ms. Angela T. Haga, Assistant Director

Primary Instructors

Dr. Karl Joplin
Dr. Nicole Lewis
Dr. Hugh Miller

Counselors

Lydia M. Carr, Lead
Taylor G. Davis
Christopher Ekwuribe
Jonathan Kraft

Additional Faculty

Dr. Gary Henson
Dr. Thomas J. Jones
Dr. Diane Nelson
Dr. Mitchell Robinson
Dr. Edith Seier
Dr. Chih-Che Tai
Mr. Travis Watson
Dr. Robert M. White

Field Trip Leaders/Hosts

Mary Jane Greene - Aerojet Rocketdyne
Bob Culler - Bays Mtn. Park & Planetarium
Sherry Morelock – Eastman Chemical Company
Mitch Robinson/Beverly Sherwood – Quillen College of Medicine
Maegan Beale—Gray Fossil Site & Museum
Jennifer Bauer – Pisgah National Forest/Roan Mountain
Mr. Jon Carley/Robin K. Pritchard– Snap-On Tools
Robert M. White– White’s Organic Farm

Sponsored by:

The Center of Excellence in Mathematics and Science Education

East Tennessee State University
P.O. Box 70301

Warf-Pickel Hall Room #509
Johnson City, Tennessee 37614

<http://www.etsu.edu/cas/math/mathexcellence/default.aspx>

<http://www.etsu.edu/cas/math/mathexcellence/govschool/default.php>

<http://www.netstemhub.com/>



EAST TENNESSEE STATE
UNIVERSITY

*Governor's School
for Scientific Models
and Data Analysis*



Opening Ceremony Presentation

East Tennessee State University

Warf-Pickel Hall - Room 315

1:00pm– 2:30pm

Sunday, May 22nd, 2016



Program Funded by:

**The Tennessee Department of Education Division
of Special Programs**



SCHEDULE OF EVENTS

Opening Comments.....Dr. Anant P. Godbole,
Director and Angela T. Haga, Assistant Director

Introduction of Professors.....Dr. Karl Joplin, Dr. Nicole Lewis
& Dr. Hugh Miller

Governor's School Counselors.....Lydia M. Carr, Taylor G. Davis,
Christopher C. Ekwuribe, & Jonathan L. Kraft

This Governor's School program provides challenging and intensive learning experiences in the Scientific Models and Data Analysis discipline for gifted and talented high school students.

2016 Attending Scholars

- | | |
|------------------------------|--------------------------------|
| 1. Alexandria Marie Brothers | 16. Keyu Li |
| 2. Carmen Ann Canedo | 17. Ally Summer Manis |
| 3. Cathy Maria Charles | 18. Carah Kilner McClurg |
| 4. Brian Nicholas Chong | 19. Noah Benjamin Mesa |
| 5. Matthew Kenneth Clark | 20. Bailey Elizabeth Millett |
| 6. Alyssa Grace Coley | 21. Diya Alok Nijhawan |
| 7. Anna Marie Cowan | 22. IdaLynn Genevary Nix |
| 8. Brie Anne Davenport | 23. Emily Katherine Petroni |
| 9. Rachel Alexandra Eccles | 24. Grace Austin Roberts |
| 10. Jacob Adam Greene | 25. Grace Ann Louise Robertson |
| 11. Lawford Harrison Hatcher | 26. Amelia Leybold Taylor |
| 12. Hannah Lindsey Holmberg | 27. Kacey Yukai Tomsovic |
| 13. Hannah Christina Johns | 28. Nilai R. Vemula |
| 14. Katherine Victoria King | 29. Lillian Grace Wallace |
| 15. Caitlin Hannah Lahey | 30. Maia Nikole Woodard |

We want to say a Special Thanks to: The Tennessee Department of Education— Division of Special programs, ETSU, Snap-On Tools, ETSU Quillen College of Medicine, The Gray Fossil Site & Museum, Eastman Chemical Company, Historic Jonesborough, Roan Mountain State Park, Pisgah National Forest, Aerojet/Rocketdyne, Bays Mountain Park & Planetarium, The Carter Family Fold and Museum, Wetlands Water Park, and the Centre at Millennium Park.

Dr. Anant Godbole and Ms. Angela Haga have worked hard to create a learning community, putting students together with each other as well as with the staff and GS Scientific Models & Data Analysis faculty in informal settings such as project group meetings, study time, activities with counselors, and educational field trips.

The food services provider, **SODEXHO** will be responsible for preparing meals while scholars are on campus (breakfast, lunch, dinner). The opening and closing banquets also contribute a sense of formality and accomplishment to this program; Scholars will have the opportunity to speak at the closing banquet which will be held at the Millennium Centre Ballroom here in Johnson City.

There are two (2) academic courses offered, one at 9:00am-11:45am and one in the afternoon 1:00-4:00pm. The curriculum is designed to expose the Scholars to a rich selection of mathematics and science courses consisting of general biology, symbiosis, and probability and statistics.

Students will have the opportunity to be engaged in a variety of research projects. The projects will be centered around the following topics: Arc-Sine and Other Bathtub Shaped Distributions, Cancer Cells/Cell Culture, Probability, Bayesian Statistics, Coincidences and the Birthday Problem, Microbiome of Stream Samples, Differential Gene Expression in the Diapause Life Stage, and the Effects of Neonicotinoids on fly Circadian Activity