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

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

Counselors
Kyle Copenhaver, Lead
Blessing Idiapho
Shelbi Releford
Keifer Parker

Additional Faculty
Dr. Gary Henson
Dr. Thomas J. Jones
Dr. Diane Nelson
Dr. Mitchell Robinson
Dr. Edith Seier
Mr. Travis Watson

Field Trip Leaders/Hosts
Mary Jane Greene - Aerojet Rocketdyne
Bob Culler - Bays Mtn. Park & Planetarium
Sherry Morelock — Eastman Chemical Company
Mitch Robinson—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
Counselors- Carter Family Fold & Music Museum

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
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Governor’s School in Integration of Biological & Statistical Sciences

Opening Ceremony Presentation
East Tennessee State University
Warf-Pickel Hall - Room 315
1:00pm – 2:30pm
Sunday, May 27th, 2018

Program Funded by:
The Tennessee Department of Education Division of Special Programs
SCHEDULE OF EVENTS

Opening Comments........................................Dr. Anant P. Godbole, Director

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

Governor’s School Counselors............................Kyle Copenhaver, Shelbi Releford Blessing Idiapho & Keifer Parker

This Governor’s School program provides challenging and intensive learning experiences in the Integration of Biological & Statistical Sciences discipline for gifted and talented high school students.

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 Integration of Biological & Statistical Sciences 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.

2018 Attending Scholars

1. Abigail Grace Allen
2. Patrick Christopher Bidros
3. Natalie Diane Bolinger
4. Kurt Bryan Cantrell
5. Alison Gayle Crawford
6. Adelaide Lauren Damrau
7. Michelle Elizabeth Engel
8. Caroline Grace Ferrell
9. Jerod Duncan Fetter
10. Julianna Marguerite Forbess
11. Josie Leona Fuller
12. Ryan Anthony Gladwell
13. Natalie Ruth Grove
14. Madison Nicole Hoskins
15. William Ethan Hurst
16. Angela Sujung Jo
17. Meghan Riley Johns
18. Shriya Karam
19. Lexis Patana Khetsavanh
20. Venkata Sai Jithin Manikonda
21. Natasha Allison Messier
22. Sai Sreehith Mummareddy
23. Ruchi Chirag Patel
24. Amy Rae Pender
25. Shrita Reddy
26. Cheryl Lynne Rodriguez
27. Olivia Blake Sharp
28. George William Sullins
29. Rachel Claire Watermeier
30. Megan Marie Wisniewski

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, and the Centre at Millennium Park.