

The 72nd annual meeting of the Virginia Junior Academy of Sciences was held on the campus of Virginia Tech in Blacksburg on May 23rd. Twenty students from the Chesapeake Bay Governor's School were accepted and attended the three-day research symposium and presented the results of their independent research projects. CBGS students competed with high school students from all over the state for recognition of their research and a variety of awards and scholarships. The results for CBGS in this year's competition are: Animal Behavior and Genetics, Megan Parker (Richmond) "Escape Behaviors in Marsh Periwinkles, *Littorina irrorata*" -2nd place; Botany, Samuel Markwith (Gloucester) "Comparing the Productivity and Quality of Hybrid versus Open Pollinated Vegetables" -3rd place; Environmental Sciences, Megan Daiger (Westmoreland) "A Comparison of Radish and Lettuce Growth in Aquaponics Systems Subjected to Different Feeding Ratios" -1st place; Alexys Gray (New Kent) "Effectiveness of Macrophyte and Bacterial Treatment on Sewage for Nitrate Removal" -2nd place; Meghan Frere (Lancaster) "Comparing the Effectiveness of Living Shorelines in Preventing Erosion" -3rd place; Elliott Theuerkauf (Gloucester) "An Analysis of Population and Land Use Change in Selected Counties in the Rappahannock Watershed" -3rd place; Madison McCann (Mathews) "The Efficiency of Green Roofs in Southeastern Virginia" -Honorable Mention; Medicine and Health, Cassandra Drain (New Kent) "Kids Like Sugar: The Correlation of Nutritional Choices with Age and Level of Education" -2nd Place; Physics, Cullen Johnson (Middlesex) "Using Spectroscopy to Analyze Earthshine with a Ground-based Telescope" -Honorable Mention.

In addition to these section awards, students competed for scholarships and other category specific awards. Madison McCann was awarded \$14,000 for the Frances and Sydney Lewis Scholarship for the most outstanding paper in environmental science.

Photo Caption:

Caption: Chesapeake Bay Governor's School 2013 Virginia Junior Academy of Sciences Participants: top row from left: Cullen Johnson, Sam Markwith, Elliott Theuerkauf; Middle top Row: Emmanuel Valdez, Morgan Duke, Alexys Gray, Autumn Tilghman, Lee Siegle, Madison McCann; Third Row: Megan Parker, Teacher Jim Beam, Meghan Frere, Megan Daiger, Lauren Brent, Carlyn Tillage, Marissa Voight, Cassandra Drain, Teacher Sara Chaves Beam, Front Row: Katie Parr, Andi Mayer, Simone LaGuardia. Not pictured: Leah Procopi.