

Students from the Chesapeake Bay Governor's School attended the 74th Annual meeting of the Virginia Junior Academy of Science held at James Madison University in May. Every year over a thousand students from Virginia conduct independent research projects and submit formal scientific research papers to the Academy for the competition. Of these, only about 300 are chosen to attend the symposium and present their research in a formal scientific meeting and competition. Exemplary projects are published in the Proceedings of the Virginia Academy of Science, and vie for many scholarships and awards.

This year's CBGS winners are: Zoology, 3rd Place, Madeline Hays (King George) for "The Correlation of Experience, Individual, and Sex with Anxiety Adaptability"; Environmental Science B, Honorable Mention, Zach Kaylor (Mathews) "Photosynthetically Available Radiation for Submerged Aquatic Vegetation with respect to Restoration in the Chesapeake Bay"; Environmental Science C, 1st Place Adam Parker (Northumberland) "The Effect of Changes in pH on the Production and Respiration Rates of Native Tape Grass, *Vallisneria americana*"; Environmental Science C, Honorable Mention, Thomas Parker (Northumberland) "The Effect of Rapid Salinity Changes on the Respiration Rate of *Callinectes sapidus*"; Environmental Science C, Honorable Mention, Caleb Selph (Mathews) "A Study for Possible Acidification of Estuarine Water in a Tributary of the Chesapeake Bay"; Environmental Science C, 2nd Place, Robin Thady (New Kent) "The Effects of Season and Location on Ground-Level Carbon Dioxide Concentrations".

In addition to these section awards, Adam Parker was awarded the Bethel High School Scholarship and \$1000 for an outstanding paper and presentation. Robin Thady won the Henry Mackenzie Environmental Scholarship \$5000, from the Virginia Environmental Endowment, which is awarded to the student whose paper evidences the most significant contribution in the field of Environmental Science dealing with the James River Basin and Chesapeake Bay. Both of these students had the additional honor of presenting their work to the Virginia Academy of Science Symposium and their papers will be published in the upcoming Proceedings of the Virginia Academy of Science.



Chesapeake Bay Governor's School 2015 Virginia Junior Academy of Science Award Winners from left: Robin Thady (New Kent), Thomas Parker (Northumberland), Caleb Selph (Mathews), Madeline Hays (King George), Adam Parker (Northumberland), and Zach Kaylor (Mathews).