

2020 Virginia State Science and Engineering Fair Winners from the 2020 Blue Ridge Highlands Regional Science Fair

Behavioral Sciences – Second Place

- 215 Nadine Shannon
Is There an Association Between People with a Morning Versus Evening Chronotype and Variants of the HCRTR2 Gene?
Southwest Virginia Governor's School
Sponsor: Rebecca Phillips

Behavioral Sciences – Honorable Mention

- 208 Samuel Grove
Nicotine Usage Rates Amongst U.S. Sexual Minority Students
Blacksburg High School
Sponsor: Katharine Davis

Cellular and Molecular Biology – Second Place

- 403 Claire Morton
The Division Decision: The Cdc13 Protein and Cell Size Control
Blacksburg High School
Sponsor: Katharine Davis

Systems Software and Intellectual Machines – Second Place

- 601 Brandon Fan
An AI-based System for Early Detection of Natural Disaster and Incidents Using Open Data
Blacksburg High School
Sponsor: Katharine Davis

Engineering and Robotics – First Place

- 902 Kate Childers
The Application of Fiber Optic Multi-Core Shape Sensing Fibers on Flexible Models
Southwest Virginia Governor's School
Sponsor: Matthew Frazier

Plant Sciences – Honorable Mention

- 1202 Cassady Marion
The Impact of Arbuscular Mycorrhizal Fungi on Marigold Development in Microplastic-Contaminated Soil
Southwest Virginia Governor's School
Sponsor: Rebecca Phillips