

PRESS RELEASE March 31,2018

Central Virginia Regional Science Fair Announces Winners

For More Information, Contact: Cheryl Lindeman,
Steering Committee Chair, 434-947-8324 clindeman@randolphcollege.edu

The 41st annual Central Virginia Regional Science Fair was held on March 3, 2018 at Central Virginia Community College. The 80 students participating represented high schools from Amherst County, Appomattox County, Bedford County, Campbell County and the City of Lynchburg Public Schools. The fair is an affiliate of the Intel International Science and Engineering Fair. The regional fair's website is:
<http://www.cvgs.k12.va.us/links/regional-science-fair>

Grand Award INTEL Finalist: Physical Sciences
Hannah Steele, Liberty HS/CVGS
"The Development of an Efficient Radiation Shielding Fabric"

Grand Alternate: Physical Sciences
Isaac Liu, Jefferson Forest HS/CVGS
"The Effect of Mixing Intensity on Anaerobic Digestion"

Grand Award INTEL Finalist: Biological Sciences
Joseph Du, Jefferson Forest HS/CVGS
"The Effect of Tetracycline, Azithromycin, and Hypothermia on Populations of *Naegleria lovaniensis*"

Grand Alternate Award: Biological Sciences
Emma Sisk, Brookville HS/CVGS
"The Effect of a Vacuum Environment on the Fecundity of *Hypsibus dujardini* of Tardigrades"

The grand award winners will represent Central Virginia at the Intel International Science and Engineering Fair May 13-18 hosted by: Pittsburgh, PA. They will be among 1900 finalists from all over the world.

Category Winners

CVGS- Central Virginia Governor's School for Science and Technology

RVGS- Roanoke Valley Governor's School

Animal Sciences

1st place Emma Sisk, Brookville HS/CVGS

2nd place Nicole Cico, Liberty HS/CVGS

3rd place Manan Shah, Heritage HS/CVGS

HM Gloria Arevalo-Escobar, Amherst HS/CVGS

Behavioral & Social Sciences:

1st place Skylar Wilhoit, Appomattox HS/CVGS

2nd place Yoomin Hwang, Jefferson Forest HS/CVGS

3rd place Kayla Vance, Altavista HS/CVGS

HM Brennen Powell, Rustburg HS/CVGS

Chemistry:

1st place Joshua Jones, Rustburg HS /CVGS

2nd place Titouan Duston, E.C Glass HS/ CVGS

3rd place Trevor Melton, Appomattox HS/CVGS

HM Melody Nash, Appomattox HS/CVGS

Computer Science:

1st place Youbin Roh, EC Glass HS/CVGS

2nd place Amber Li, Jefferson Forest HS/CVGS

Earth & Planetary Science

HM Porter Flynn, Liberty HS/CVGS

Engineering:

1st place Hannah Steele, Liberty HS/CVGS

2nd place Logan Sheppard, Jefferson Forest HS/CVGS

3rd place Benjamin Hagwood, Jefferson Forest HS/CVGS

HM Cole Bryan, Jefferson Forest HS/CVGS

Environmental Science:

1st place Isaac Liu, Jefferson Forest HS/CVGS

2nd place William Carrington, EC Glass/CVGS

3rd place Barrett Marshall, Amherst HS/CVGS

HM Grace Chun, Heritage HS/CVGS

Mathematics

1st place Jackson Riffie, EC Glass/CVGS

2nd place William Carlson, Rustburg HS/CVGS

Medicine and Health:

- 1st place Joseph Du, Jefferson Forest HS/CVGS
- 2nd place Tanner Gage, Jefferson Forest HS/CVGS
- 3rd place Rasheed Christian, Heritage HS/CVGS
- HM Victoria Weitzman, Staunton River HS/RVGS

Microbiology:

- 1st place Faith Quel, Brookville HS/CVGS
- 2nd place Alison Palmer, Heritage HS/CVGS
- 3rd place Eva Pontius, EC Glass HS/CVGS
- HM Noele Galindo, Jefferson Forest HS/CVGS

Physics and Astronomy:

- 1st place Carson Wood, EC Glass HS/CVGS
- 2nd place Ian Fleck, Jefferson Forest HS/CVGS
- 3rd place Matthew MacCallum, EC Glass HS/CVGS

Plant Sciences:

- 1st place Hunter Diminick, EC Glass HS/CVGS
- 2nd place Audrey Holzkecht, Rustburg HS /CVGS

Special Awards

ASCE Local Engineering Awards

- 1st place Josh Willoughby, Jefferson Forest HS/CVGS
- 2nd place Isaac Liu, Jefferson Forest HS/CVGS
- 3rd place Benjamin Hagwood, Jefferson Forest HS/CVGS

Naval Research Award- William Carrington, EC Glass/CVGS; Joshua Franklin, Brookville HS/CVGS, Titouan Duston, EC Glass/CVGS

NASA Award- Hannah Steele, Liberty HS/CVGS

U.S. Metric Association- Carson Wood, EC Glass/CVGS

Yale Junior Engineering Award- Hannah Steele, Liberty HS/CVGS

National Oceanic & Atmospheric Administration Award- Porter Flynn, Liberty HS/CVGS

ASM Materials Education Foundation Engineering Award- Mary Kate Comerford, Heritage HS/CVGS

APA Award- Skylar Wilhoit, Appomattox HS/CVGS

National Association of Biology Teacher Awards- Joseph Du, Jefferson Forest HS/CVGS; Tanner

Gage, Jefferson Forest HS/CVGS

Intel Computer Science Award- Amber Li, Jefferson Forest HS/CVGS

Invitro Biology Award- Faith Quel, Brookville HS/CVGS

US Air Force Awards- Erica Eubank, Amherst HS/CVGS; Mary Kate Comerford, Heritage HS/CVGS;
Bryonna Elliott, EC Glass/CVGS; Melody Nash, Appomattox HS/CVGS

Stockholm Water Prize Nominations- Josh Willoughby, Jefferson Forest HS/CVGS; William Carrington, EC Glass/CVGS; Hunter Diminick, EC Glass/CVGS

Mu Alpha Theta – Mathematics Honorary- Jackson Riffie, EC Glass/CVGS

ASU Walton Sustainability Solutions Initiatives Award- Joshua Franklin, Brookville HS/CVGS and Hunter Diminick, EC Glass/CVGS

Ricoh Americas Corporation Environmental Award- Joshua Franklin, Brookville HS/CVGS

American Meteorological Society- Porter Flynn, Liberty HS/CVGS; Titouan Duston, EC Glass/CVGS

**Virginia Dental Society Awards for Recognizing Science Talent
Grand Award-
Recognition Awards**

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The following winners were nominated to attend the Virginia State Science Fair held April 14, 2018 hosted by Virginia Tech Carilion Medical School, Roanoke, VA.