

**Virginia Junior Academy of Science  
Research Symposium and 76<sup>th</sup> Annual Meeting  
Virginia Commonwealth University  
Richmond, Virginia**

**May 18, 2017**

**Official Awards Document for Public Release**

**Section Awards**

**ANIMAL AND HUMAN SCIENCES**

Honorable Mention	<i>Name(s)</i>	Ria Bakshi
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Ashwin Prabu
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Delia Curran & Hayley King
	<i>School</i>	Williamsburg Middle School
Third Place	<i>Name(s)</i>	Katherine Donovan
	<i>School</i>	Mary Ellen Henderson Middle School
Second Place	<i>Name(s)</i>	Cameron Sharma
	<i>School</i>	George H. Moody Middle School
First Place	<i>Name(s)</i>	Shan Lateef & Delaney Walts
	<i>School</i>	Louise A. Benton Middle School

## BOTANY

Honorable Mention    *Name(s)* James Shen  
   *School* Mills E. Godwin High School

Honorable Mention    *Name(s)* Sahithi Vegunta  
   *School* Mills E. Godwin High School

Honorable Mention    *Name(s)* Caroline White  
   *School* Clover Hill High School

Third Place             *Name(s)* Anusha Puri  
   *School* Mills E. Godwin High School

Second Place           *Name(s)* Benjamin Tharakan  
   *School* Mills E. Godwin High School

First Place              *Name(s)* Kishore Bhat  
   *School* Mills E. Godwin High School

## CHEMICAL SCIENCE A

Honorable Mention    *Name(s)* Perisa Ashar  
   *School* George H. Moody Middle School

Honorable Mention    *Name(s)* Abhay Duggirala  
   *School* George H. Moody Middle School

Honorable Mention    *Name(s)* ThienMinh Duong  
   *School* George H. Moody Middle School

Third Place             *Name(s)* Allison Hines  
   *School* George H. Moody Middle School

Second Place           *Name(s)* Sophia Bunnell  
   *School* Sabot at Stony Point

First Place              *Name(s)* Jessica Lin  
   *School* George H. Moody Middle School

## CHEMICAL SCIENCE B

Honorable Mention	<i>Name(s)</i>	Landon Romanosky
	<i>School</i>	Sabot at Stony Point
Honorable Mention	<i>Name(s)</i>	Kieran Wall
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	Grace Zhang
	<i>School</i>	George H. Moody Middle School
Second Place	<i>Name(s)</i>	Isabelle Van Wagenen
	<i>School</i>	Gunston Middle School
First Place	<i>Name(s)</i>	Anandita Sharma
	<i>School</i>	George H. Moody Middle School

## CHEMISTRY A

Honorable Mention	<i>Name(s)</i>	Leslie Albrecht
	<i>School</i>	Clover Hill High School
Honorable Mention	<i>Name(s)</i>	Grace Davenport
	<i>School</i>	Clover Hill High School
Honorable Mention	<i>Name(s)</i>	Rujul Kaul
	<i>School</i>	Mills E. Godwin High School
Third Place	<i>Name(s)</i>	Titouan Duston
	<i>School</i>	Central Virginia Governor's School
Second Place	<i>Name(s)</i>	Maya Elby & Mikayla Jones
	<i>School</i>	Washingto-Lee
First Place	<i>Name(s)</i>	Andion Dizon
	<i>School</i>	Mills E. Godwin High School

## **CHEMISTRY B**

Honorable Mention	<i>Name(s)</i>	Ying Yuan
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Katie Zhang
	<i>School</i>	Mills E. Godwin High School
Third Place	<i>Name(s)</i>	Matthew Lim
	<i>School</i>	Mills E. Godwin High School
Second Place	<i>Name(s)</i>	Richard Qiu
	<i>School</i>	Roanoke Valley Governor's School
First Place	<i>Name(s)</i>	Julia Mudryk
	<i>School</i>	Clover Hill High School

## **ECOLOGY AND EARTH SCIENCES**

Honorable Mention	<i>Name(s)</i>	Shruti Bala
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	Avery Donmoyer
	<i>School</i>	Williamsburg Middle School
Second Place	<i>Name(s)</i>	Ashwin Johri
	<i>School</i>	George H. Moody Middle School
First Place	<i>Name(s)</i>	Bennett Clark
	<i>School</i>	George H. Moody Middle School

## ENGINEERING A

Honorable Mention	<i>Name(s)</i>	Cole Bryan
	<i>School</i>	Central Virginia Governor's School
Honorable Mention	<i>Name(s)</i>	Krystyna Cios
	<i>School</i>	Clover Hill High School
Honorable Mention	<i>Name(s)</i>	Benjamin Graham Hagwood
	<i>School</i>	Central Virginia Governor's School
Third Place	<i>Name(s)</i>	Ashwin Chetty
	<i>School</i>	Henrico High School and DERI Program – VCU School of Engineering
Second Place	<i>Name(s)</i>	Joshua Franklin
	<i>School</i>	Central Virginia Governor's School
First Place	<i>Name(s)</i>	Mary Kate Comerford
	<i>School</i>	Central Virginia Governor's School

## ENGINEERING B

Honorable Mention	<i>Name(s)</i>	Jayaprakash Kambhampaty
	<i>School</i>	Washington-Lee High School
Honorable Mention	<i>Name(s)</i>	Anastasios Karles
	<i>School</i>	Henrico High School and DERI Program – VCU School of Engineering
Third Place	<i>Name(s)</i>	Kaan Sahingur
	<i>School</i>	Maggie Walker Governor's School and DERI Program – VCU School of Engineering
Second Place	<i>Name(s)</i>	Kendall Livesay
	<i>School</i>	Roanoke Valley Governor's School
First Place	<i>Name(s)</i>	Logan Sheppard
	<i>School</i>	Central Virginia Governor's School

## **ENGINEERING AND MATH A**

Honorable Mention	<i>Name(s)</i>	Ksenia Avrutina
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Amulya Chowdhory
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Elizabeth Eroshenko
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	Alexander Coffman
	<i>School</i>	George H. Moody Middle School
Second Place	<i>Name(s)</i>	John Evans
	<i>School</i>	Williamsburg Middle School
First Place	<i>Name(s)</i>	Michael Kish
	<i>School</i>	George H. Moody Middle School

## **ENGINEERING AND MATH B**

Honorable Mention	<i>Name(s)</i>	Gabriel Rose
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Purvi Sehgal
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Anna Westbrook
	<i>School</i>	Williamsburg Middle School
Third Place	<i>Name(s)</i>	Andrew Vithoukias
	<i>School</i>	George H. Moody Middle School
Second Place	<i>Name(s)</i>	Matthew Sperry
	<i>School</i>	Mary Ellen Henderson Middle School
First Place	<i>Name(s)</i>	Eleanor Sigrest
	<i>School</i>	Louise A. Benton Middle School

## **EARTH AND ENVIRONMENTAL SCIENCE A**

Honorable Mention	<i>Name(s)</i>	Abigail Belvin
	<i>School</i>	Chesapeake Bay Governor's School
Honorable Mention	<i>Name(s)</i>	Turner Bumbarly
	<i>School</i>	Thomas Jefferson High School
Honorable Mention	<i>Name(s)</i>	Hunter Diminick
	<i>School</i>	Central Virginia Governor's School
Third Place	<i>Name(s)</i>	Drew Ayers
	<i>School</i>	Southwest Virginia Governor's School
Second Place	<i>Name(s)</i>	Ojas Amberkar
	<i>School</i>	Mills E. Godwin High School
First Place	<i>Name(s)</i>	Skylar Brodowski
	<i>School</i>	Washington-Lee High School

## **EARTH AND ENVIRONMENTAL SCIENCE B**

Honorable Mention	<i>Name(s)</i>	Noah Hull
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Janine Icalla
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Ashley Kim
	<i>School</i>	Central Virginia Governor's School
Third Place	<i>Name(s)</i>	Edwin Hudgins
	<i>School</i>	Chesapeake Bay Governor's School
Second Place	<i>Name(s)</i>	Porter Flynn
	<i>School</i>	Central Virginia Governor's School
First Place	<i>Name(s)</i>	Gabrielle Jennings & Sydney Lopez
	<i>School</i>	Clover Hill High School

## **EARTH AND ENVIRONMENTAL SCIENCE C**

Honorable Mention	<i>Name(s)</i>	Emma Levon
	<i>School</i>	Clover Hill High School
Honorable Mention	<i>Name(s)</i>	Isaac Liu
	<i>School</i>	Central Virginia Governor's School
Honorable Mention	<i>Name(s)</i>	Julie McMeekin
	<i>School</i>	Chesapeake Bay Governor's School
Third Place	<i>Name(s)</i>	Evan Maly
	<i>School</i>	Washington-Lee High School
Second Place	<i>Name(s)</i>	Rishika Nayak
	<i>School</i>	Mills E. Godwin High School
First Place	<i>Name(s)</i>	Cory O'Shea
	<i>School</i>	Mills E. Godwin High School

## **EARTH AND ENVIRONMENTAL SCIENCE D**

Honorable Mention	<i>Name(s)</i>	Leila Shepard
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Sabrina Shuster
	<i>School</i>	Washington-Lee High School
Honorable Mention	<i>Name(s)</i>	Eleanor Tidman
	<i>School</i>	Chesapeake Bay Governor's School
Third Place	<i>Name(s)</i>	Sydney Rood
	<i>School</i>	Washington-Lee High School
Second Place	<i>Name(s)</i>	Rajit Tummala
	<i>School</i>	Mills E. Godwin High School
First Place	<i>Name(s)</i>	Ethan Schaefer
	<i>School</i>	Mills E. Godwin High School



## **HUMAN BEHAVIOR A**

Honorable Mention	<i>Name(s)</i>	Ankita Adhvaryu
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Shushantika Barua
	<i>School</i>	Kenmore Middle School
Honorable Mention	<i>Name(s)</i>	Paxton Calder
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	David Cipolletti
	<i>School</i>	Sabot at Stony Point
Second Place	<i>Name(s)</i>	Emeline Eisele
	<i>School</i>	Sabot at Stony Point
First Place	<i>Name(s)</i>	Grant Harris
	<i>School</i>	Williamsburg middle School

## **HUMAN BEHAVIOR B**

Honorable Mention	<i>Name(s)</i>	Nora Parker
	<i>School</i>	Sabot at Stony Point
Honorable Mention	<i>Name(s)</i>	Cassandra Price
	<i>School</i>	Orchard House School
Honorable Mention	<i>Name(s)</i>	Tatiana Vaniakin
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	Margaret Rappoport
	<i>School</i>	Williamsburg Middle School
Second Place	<i>Name(s)</i>	Ellie Maruca
	<i>School</i>	Sabot at Stony Point
First Place	<i>Name(s)</i>	Giovanni Mazzeo
	<i>School</i>	Sabot at Stony Point

## **MATH, STATISTICS, AND COMPUTER SCIENCE A**

Honorable Mention	<i>Name(s)</i>	Julia Billera
	<i>School</i>	Washington-Lee High School
Honorable Mention	<i>Name(s)</i>	David Day
	<i>School</i>	Yorktown High School
Honorable Mention	<i>Name(s)</i>	John Knickerbocker
	<i>School</i>	Clover Hill High School
Third Place	<i>Name(s)</i>	William Carlson
	<i>School</i>	Central Virginia Governor's School
Second Place	<i>Name(s)</i>	Caroline Cunningham
	<i>School</i>	Washington-Lee High School
First Place	<i>Name(s)</i>	Kevin Bender
	<i>School</i>	Clover Hill High School

## **MATH, STATISTICS, AND COMPUTER SCIENCE B**

Honorable Mention	<i>Name(s)</i>	Amber Li
	<i>School</i>	Central Virginia Governor's School
Honorable Mention	<i>Name(s)</i>	Nicole Rychagov
	<i>School</i>	Cape Henry Collegiate School
Honorable Mention	<i>Name(s)</i>	Joshua Smith
	<i>School</i>	Mathematics & Science Academy at Ocean Lakes High School
Third Place	<i>Name(s)</i>	Alex McQuilkin
	<i>School</i>	Clover Hill High School and DERI Program – VCU School of Engineering
Second Place	<i>Name(s)</i>	Daniel Wu
	<i>School</i>	Mills E. Godwin High School
First Place	<i>Name(s)</i>	Ryan Mark
	<i>School</i>	Yorktown High School

## **MEDICINE AND HEALTH A**

Honorable Mention	<i>Name(s)</i>	Ajitha Bala
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Shaelyn Dempsey
	<i>School</i>	Washington-Lee High School
Honorable Mention	<i>Name(s)</i>	Tanner Gage
	<i>School</i>	Central Virginia Governor's School
Third Place	<i>Name(s)</i>	Cassandra Capocelli
	<i>School</i>	Clover Hill High School
Second Place	<i>Name(s)</i>	Ryan Berry
	<i>School</i>	Thomas Jefferson High School
First Place	<i>Name(s)</i>	Andrew Caudell
	<i>School</i>	Southwest Virginia Governor's School

## **MEDICINE AND HEALTH B**

Honorable Mention	<i>Name(s)</i>	Aadi Sharma
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Farheen Zaman
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Jerry Zhang
	<i>School</i>	Mills E. Godwin High School
Third Place	<i>Name(s)</i>	Caroline Yi
	<i>School</i>	Mountain Vista Governor's School
Second Place	<i>Name(s)</i>	Ja'Mel Reed
	<i>School</i>	Chesapeake Bay Governor's School
First Place	<i>Name(s)</i>	Jackson Riffie
	<i>School</i>	Central Virginia Governor's School

## MICROBIOLOGY AND CELL BIOLOGY A

Honorable Mention	<i>Name(s)</i>	Christina Blake, Reilly McBride, & Srivarshini Prabhu
	<i>School</i>	Thomas Jefferson High School
Honorable Mention	<i>Name(s)</i>	Ellen Harmon & Nathan Nguyen
	<i>School</i>	Roanoke Valley Governor's School
Honorable Mention	<i>Name(s)</i>	Anjali Jain
	<i>School</i>	Mills E. Godwin High School
Third Place	<i>Name(s)</i>	Michael Lenzi, Jr.
	<i>School</i>	Hanover High School
Second Place	<i>Name(s)</i>	Naomi Ghahrai
	<i>School</i>	Mills E. Godwin High School
First Place	<i>Name(s)</i>	Vanessa Lin
	<i>School</i>	Roanoke Valley Governor's School

## MICROBIOLOGY AND CELL BIOLOGY B

Honorable Mention	<i>Name(s)</i>	Aarati Pokharel & Lily Zhu
	<i>School</i>	Blacksburg High School
Honorable Mention	<i>Name(s)</i>	Meagan Webb
	<i>School</i>	Roanoke Valley Governor's School
Honorable Mention	<i>Name(s)</i>	Tristan Williams
	<i>School</i>	Southwest Virginia Governor's School
Third Place	<i>Name(s)</i>	Amruta Ponugupati
	<i>School</i>	Mills E. Godwin High School
Second Place	<i>Name(s)</i>	Matthew Svec
	<i>School</i>	Roanoke Valley Governor's School
First Place	<i>Name(s)</i>	Konstantinos Oikonomou
	<i>School</i>	Roanoke Valley Governor's School

## PHYSICAL SCIENCE A

Honorable Mention	<i>Name(s)</i>	Colin Berry
	<i>School</i>	Williamsburg Middle School
Honorable Mention	<i>Name(s)</i>	Cooper Donovan & Kyle Wilson
	<i>School</i>	Gunston Middle School
Honorable Mention	<i>Name(s)</i>	Jocelyn La Force Regli
	<i>School</i>	Williamsburg Middle School
Third Place	<i>Name(s)</i>	William Graf
	<i>School</i>	Williamsburg Middle School
Second Place	<i>Name(s)</i>	Alexandra Fall
	<i>School</i>	Swanson Middle School
First Place	<i>Name(s)</i>	Sarah Lambert
	<i>School</i>	Mary Ellen Henderson Middle School

## PHYSICAL SCIENCE B

Honorable Mention	<i>Name(s)</i>	Chirayu Nimonkar
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Ari Pearlstein
	<i>School</i>	Thomas Jefferson Middle School
Honorable Mention	<i>Name(s)</i>	Grace Woolwine
	<i>School</i>	Sabot at Stony Point
Third Place	<i>Name(s)</i>	Cameron Paoloni
	<i>School</i>	Sabot at Stony Point
Second Place	<i>Name(s)</i>	Leo Rosenbaum
	<i>School</i>	Sabot at Stony Point
First Place	<i>Name(s)</i>	Ryan Paoloni
	<i>School</i>	Sabot at Stony Point

## PHYSICS A

Honorable Mention	<i>Name(s)</i> <i>School</i>	Noah Baumgartner Central Virginia Governor's School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Alexander Gallin Washington-Lee High School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Satya Koppu Mills E. Godwin High School
Third Place	<i>Name(s)</i> <i>School</i>	Andrew Childers Central Virginia Governor's School
Second Place	<i>Name(s)</i> <i>School</i>	Sylvain Chassagneux Washington-Lee High School
First Place	<i>Name(s)</i> <i>School</i>	Dana Jones & Savannah Horton Massanutten Regional Governor's School

## PHYSICS B

Honorable Mention	<i>Name(s)</i> <i>School</i>	Medha Majety Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Sarah Russell-Hunter Washington-Lee High School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Kelton Williams Washington-Lee High School
Third Place	<i>Name(s)</i> <i>School</i>	Spencer Macturk Mills E. Godwin High School
Second Place	<i>Name(s)</i> <i>School</i>	Jonathan Schira Central Virginia Governor's School
First Place	<i>Name(s)</i> <i>School</i>	Jacob Wilson Chesapeake Bay Governor's School

## **PLANT SCIENCE AND MICROBIOLOGY A**

Honorable Mention	<i>Name(s)</i>	Ritika Allada
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Joshua Golden & Jason Hsu
	<i>School</i>	Swanson Middle School
Honorable Mention	<i>Name(s)</i>	Spencer Lewis
	<i>School</i>	Gunston Middle School
Third Place	<i>Name(s)</i>	Emily Lionberger
	<i>School</i>	George H. Moody Middle School
Second Place	<i>Name(s)</i>	Abigail DGLISH
	<i>School</i>	Sabot at Stony Point
First Place	<i>Name(s)</i>	Anuj Khemka
	<i>School</i>	Thomas Jefferson Middle School

## **PLANT SCIENCES AND MICROBIOLOGY B**

Honorable Mention	<i>Name(s)</i>	Nadia O'Hara & Ava Zwartjes
	<i>School</i>	Mary Ellen Henderson Middle School
Honorable Mention	<i>Name(s)</i>	Sidharth Ranga
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Rahul Sunilkumar
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	Zachary Wooden
	<i>School</i>	George H. Moody Middle School
Second Place	<i>Name(s)</i>	Karuna Ramnani
	<i>School</i>	Sabot at Stony Point
First Place	<i>Name(s)</i>	Noah Portner
	<i>School</i>	Williamsburg Middle School

## PSYCHOLOGY A

Honorable Mention	<i>Name(s)</i> <i>School</i>	Lindsey Gradowski & Atti Rattelman Washington-Lee High School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Dakota Klapper Washington-Lee High School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Hannah Maupin Central Virginia Governor's School
Third Place	<i>Name(s)</i> <i>School</i>	Yoomin Hwang Central Virginia Governor's School
Second Place	<i>Name(s)</i> <i>School</i>	Io Kovach Washington-Lee High School
First Place	<i>Name(s)</i> <i>School</i>	Julia Buchholz Central Virginia Governor's School

## PSYCHOLOGY B

Honorable Mention	<i>Name(s)</i> <i>School</i>	Rachel Myers Southwest Virginia Governor's School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Nicolette Pember Mathematics & Science Academy at Ocean Lakes High School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Kayla Vance Central Virginia Governor's School
Third Place	<i>Name(s)</i> <i>School</i>	Caris Weilenmann Yorkton High School
Second Place	<i>Name(s)</i> <i>School</i>	Inaiyat Sidhu Mills E. Godwin High School
First Place	<i>Name(s)</i> <i>School</i>	Nicola McHugh Washington-Lee High school



## ZOOLOGY

Honorable Mention	<i>Name(s)</i>	Emily Deyerle
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Victoria Nutt
	<i>School</i>	Chesapeake Bay Governor's School
Honorable Mention	<i>Name(s)</i>	Ty Stephenson
	<i>School</i>	Blacksburg High School
Third Place	<i>Name(s)</i>	Ankit Kumar
	<i>School</i>	Mills E. Godwin High School
Second Place	<i>Name(s)</i>	Nula Jones
	<i>School</i>	Mountain Vista Governor's School
First Place	<i>Name(s)</i>	Haley Barefoot
	<i>School</i>	Clover Hill High School

## **Special Awards and Scholarships**

### **VAS BOTANY AWARD**

The award is given by the Botany Section of the Virginia Academy of Science, to the best paper on a botanical subject.

*Name(s)* Kishore Bhat  
*School* Mills E. Godwin High School

### **RODNEY C. BERRY CHEMISTRY AWARD**

The Rodney C. Berry Chemistry Award is given for the paper that evidences the most significant contribution in the field of chemistry.

*Name(s)* Andion Dizon  
*School* Mills E. Godwin High School

### **WILLIAM W. BERRY ENGINEERING AWARD**

This award is given by Dominion Virginia Power in honor of Mr. William W. Berry who was a past Chairman of the Board of Virginia Power.

*Name(s)* Logan Sheppard  
*School* Central Virginia Governor's School

### **ANN M. HANCOCK CELLULAR BIOLOGY AWARD**

This award is given to the best paper in cellular biology and is presented in memory of Anne M. Hancock who retired from Patrick Henry High School in Hanover County and who gave many years of service to the Jr. Academy not only by teaching but also serving on the Jr. Academy Committee.

*Name(s)* Matthew Svec  
*School* Roanoke Valley Governor's School

*Name(s)* Vanessa Lin  
*School* Roanoke Valley Governor's School

## **MATHEMATICS AWARD**

The Mathematics Award is given for the paper that evidences the most significant contribution in the field of Mathematics.

*Name(s)* Kevin Bender  
*School* Clover Hill High School

*Name(s)* Joshua Smith  
*School* Mathematics & Science Academy at Ocean Lakes High School

## **STATISTICS AWARD**

The Statistics Award is given for the paper that evidences the most significant contribution in the field of Statistics.

*Name(s)* Caroline Cunningham  
*School* Washington-Lee High School

*Name(s)* Majlis Walker  
*School* T. C. Williams High School

## **VABE ZOOLOGY AWARD**

This award is presented by the Virginia Association of Biology Educators and is given for outstanding research in the Zoology section.

*Name(s)* Haley Barefoot  
*School* Clover Hill High School

## **CANCER RESEARCH AWARDS**

These awards are to recognize outstanding science papers related to cancer research. These awards are provided by the American Cancer Society.

*Name(s)* Kailyn Janiga  
*School* Roanoke Valley Governor's School

*Name(s)* Jerry Zhang  
*School* Mills E. Godwin High School

### **DR. AND MRS. PRESTON H. LEAKE AWARD IN APPLIED CHEMISTRY**

The Dr. and Mrs. Preston H. Leake Award in Applied Chemistry is given to the author of a research paper which best exemplifies how chemicals, chemical principles, or chemistry have been used, are used, or might be used to enhance or even to save life.

*Name(s)* Ryan Mark  
*School* Yorktown High School

### **ROSCOE HUGHES GENETICS AWARD**

The Roscoe Hughes Award is given for the best paper in the field of Genetics.

*Name(s)* Samuel Lisner  
*School* Ocean Lakes High School

### **INFECTIOUS DISEASES AWARD**

This award is given to commemorate Dr. Smith Shadomy by the Virginia Chapter of the National Foundation for Infectious Diseases to the paper that evidences outstanding research in the field of infectious diseases.

*Name(s)* Caroline Cunningham  
*School* Washington-Lee High School

### **SPELEOLOGICAL SOCIETY AWARD**

Given by the Richmond Area Speleological Society for outstanding research addressing karst or topics related to speleology (bats, caves, carbonate geology, paleoenvironments, limestone fossils, sinkholes, etc).

*Name(s)* Sarah Jackson  
*School* Harrisonburg High School

### **VIRGINIA MUSEUM OF NATURAL HISTORY (VMNH) AWARD**

This award is presented by the Friends of the Virginia Museum of Natural History in recognition of a significant contribution in the study and interpretation of Virginia's Natural Heritage.

*Name(s)* Nicole Rychagov  
*School* Cape Henry Collegiate School

## **VIRGINIA SEA GRANT COLLEGE PROGRAM AWARD**

This award is given by the Virginia Sea Grant College Program for outstanding marine or coastal research.

*Name(s)* Edwin Hudgins  
*School* Chesapeake Bay Governor's School

## **GAMMA SIGMA DELTA AWARD**

The Gamma Sigma Delta Award is presented by the Virginia Tech Chapter of the Honor Society of Agriculture. This award is given in recognition of excellence in research dealing with application of new technologies and/or concepts in agriculture forestry, or veterinary medicine.

*Name(s)* Turner Bumbarly  
*School* Thomas Jefferson High School

*Name(s)* Victoria Graf  
*School* Thomas Jefferson High School

## **BETHEL HIGH SCHOOL SCHOLARSHIP**

Bethel High School Scholarship - This \$1,000 Scholarship Award comes from the interest earned from a \$10,000 endowment contributed by the students of Bethel High School, Hampton, Va., over a two year period. This award is based on both the student's presentation and paper.

*Name(s)* No one qualified, therefore Bethel Scholarship will not be awarded this year.  
*School*

**HENRY MACKENZIE ENVIRONMENTAL SCHOLARSHIP (VEE)**

Henry MacKenzie Environmental Scholarship - This \$5,000 scholarship will be 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. The Virginia Environmental Endowment and VJAS offer this scholarship in tribute to the outstanding and generous services of Judge Henry W. MacKenzie, Jr., one of the founding directors, who has a great interest in the James River and the Chesapeake Bay.

*Name(s)* Abigail Belvin  
*School* Chesapeake Bay Governor's School

**FRANCES AND SYDNEY LEWIS ENVIRONMENTAL SCHOLARSHIP (VEE)**

Frances and Sydney Lewis Environmental Scholarship: A \$5,000 scholarship for the best effort by a student in grades 9 to 12 in the field of environmental science. This scholarship is in the name of Frances and Sydney Lewis and is given by the Virginia Environmental Endowment.

*Name(s)* Macy Marie Calder  
*School* Chesapeake Bay Governor's School

## **VJAS Honor Awards**

### **DOROTHY KNOWLTON AWARD**

This award is given to the Middle School student presenting the best paper in the life sciences. It is presented in honor of Dorothy Knowlton, the former Science Coordinator of Arlington County, who was instrumental in advancing experimental design within the science curriculum.

*Name(s)* Shan Lateef & Delaney Walts  
*School* Louise A. Benton Middle School

### **JOYCE K. PETERSON AWARD**

This award is given to the Middle School student presenting the best paper in the physical sciences. It is presented in honor of Mrs. Joyce K. Peterson who has been an outstanding teacher in the Arlington County Schools.

*Name(s)* Eleanor Sigrest  
*School* Lousie A. Benton Middle School

### **CATESBY JONES AWARD**

This award is given to the 12<sup>th</sup> grade senior student whose paper evidences the most significant contribution to science.

*Name(s)* Vanessa Lin  
*School* Roanoke Valley Gvoernor's School

## **VAS/VJAS Best of Symposium Research Awards**

These awards are given by the Virginia Academy of Science to papers (winners and alternates), in grade 8-11, presenting the most outstanding papers at the Research Symposium. The winners will be invited to attend the annual meeting and present their papers as a poster presentation before the American Junior Academy of Science (AJAS), which meets concurrently with the American Association for the Advancement of Science (AAAS). The 2018 AAAS/NAAS/AJAS meeting will be held in February in Austin, Texas.

1<sup>st</sup> Alternate      *Name(s)*    Jackson Riffie  
                              *School*        Central Virginia Governor's School

Winner             *Name(s)*    Eleanor Sigrest  
                              *School*        Louise A. Benton Middle School

### **ERTLE THOMPSON MEMORIAL ENDOWMENT AWARD**

The Ertle Thompson Memorial Endowment Award is established to honor Dr. Ertle Thompson. These awards will be presented annually to the winners of the Research Symposium, to financially assist the winners to the annual meeting of the American Association for the Advancement of Science and the American Junior Academy of Science.

Winner             *Name(s)*    Eleanor Sigrest  
                              *School*        Louise A. Benton Middle School

### **DR. R. DEAN DECKER HONORARIUM AWARD**

The Dr. R. Dean Decker Honorarium award of \$500 is to go to the teacher/sponsor of the student winners of the AJAS trip. The monies can be used at the discretion of the recipients as long as it is related to the attendance to the AAAS/AJAS meeting. Guidelines and procedures for the recipients will follow later.

Winner             *Name(s)*    Debra Peterman (Sponsor of Eleanor Sigrest)  
                              *School*        Louise A. Benton Middle School



# VAS/VJAS Honor Awards for Adults

## **VAS HONORARY MEMBERSHIP**

This award which includes one year's membership in the Virginia Academy of Science including a subscription to the *Virginia Journal of Science* is awarded for outstanding service to the Junior Academy and the VJAS Committee.

*Name(s)* Sarah Jackson  
*School* Harrisonburg High School

**VAS Award for Dedication Service to VJAS.** The support of VAS makes all of this possible, In addition to several awards that have already been given by VAS, this award recognizes past VJAS officer or VJAS member who has continued to provide support as volunteer to the Junior Academy even after completion of high school.

*Name(s)* Alan Booth

## **VJAS Distinguished Service Award**

*Name(s)* Deborah L. Neely-Fisher

*Name(s)* Julia H. Cothron

## **E.C.L. MILLER SCIENCE TEACHER OF THE YEAR AWARD**

E.C.L. Miller Science Teacher of the Year Award is given to an outstanding science teacher in the Commonwealth of Virginia.

*Name(s)* Unfortunately, no one submitted an application for the Teacher of the Year  
*School* award this year.

## VJAS Student Officers for 2017 – 2018

Past President -	Benjamin Rhoades
Editor-in-Chief & Publications -	Selik Morishetty
Secretary–	Ankit Kumar
Co-Presidents –	Reona Pereira & Yashodhara Varma
Communications Liaison -	Jakob Yirga
Regional Director -	Amruta Ponugupati
STEM Chair -	Cory Dudka