

**VIRGINIA JUNIOR ACADEMY OF SCIENCE
78TH ANNUAL MEETING & RESEARCH SYMPOSIUM**

**OLD DOMINION UNIVERSITY
NORFOLK, VIRGINIA**

MAY 23, 2019

**OFFICIAL AWARDS DOCUMENT FOR PUBLIC RELEASE
STRICT EMBARGO UNTIL AFTER AWARDS CEREMONY**

Document formalized on May 23, 2019 by
Se W. Jeong
Chairman, Virginia Junior Academy of Science Committee

All awards conferred to listed awardees at the VJAS Awards Ceremony
on May 23, 2019 at Old Dominion University

www.vjas.org/

SECTION AWARDS

ANIMAL AND HUMAN SCIENCES

Honorable Mention	<i>Name(s)</i>	Nikhil Amin
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Manushi Nepal
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Viswanath Subramanian
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	Sivani Nemani
	<i>School</i>	George H. Moody Middle School
Second Place	<i>Name(s)</i>	Stella Brakman
	<i>School</i>	Sabot at Stony Point
First Place	<i>Name(s)</i>	Tony Bright, Arman Lateef, Gabriel Ralston
	<i>School</i>	Louise Benton Middle School

BOTANY

Honorable Mention	<i>Name(s)</i>	Bhavana Adhikari
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Caroline Grant & Margaret Laflam
	<i>School</i>	Roanoke Valley Governor's School
Honorable Mention	<i>Name(s)</i>	Estelle He
	<i>School</i>	Mills E. Godwin High School
Third Place	<i>Name(s)</i>	Shivesh Joshi
	<i>School</i>	Mills E. Godwin High School
Second Place	<i>Name(s)</i>	Noah Portner
	<i>School</i>	Washington-Lee High School
First Place	<i>Name(s)</i>	Sophia Link
	<i>School</i>	Blacksburg High School

CHEMICAL SCIENCES A

Honorable Mention	<i>Name(s)</i>	Dhruva Barua
	<i>School</i>	Thomas Jefferson Middle School
Honorable Mention	<i>Name(s)</i>	Charlotte Cunningham
	<i>School</i>	Swanson Middle School
Honorable Mention	<i>Name(s)</i>	Ankita Mandal
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	Samantha Douthit
	<i>School</i>	Sabot at Stony Point
Second Place	<i>Name(s)</i>	Alexander Dillon
	<i>School</i>	George H. Moody Middle School
First Place	<i>Name(s)</i>	Aaryan Asthana
	<i>School</i>	George H. Moody Middle School

CHEMICAL SCIENCES B

Honorable Mention	<i>Name(s)</i>	Robert Overstreet
	<i>School</i>	Sabot at Stony Point
Honorable Mention	<i>Name(s)</i>	Sophia Reyes
	<i>School</i>	Swanson Middle School
Honorable Mention	<i>Name(s)</i>	Annabel Tang
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	Abel Rudolph
	<i>School</i>	Sabot at Stony Point
Second Place	<i>Name(s)</i>	Nithyasai Ravula
	<i>School</i>	George H. Moody Middle School
First Place	<i>Name(s)</i>	Monona Zhou
	<i>School</i>	George H. Moody Middle School

CHEMISTRY

Honorable Mention	<i>Name(s)</i>	Yiming Chen
	<i>School</i>	Yorktown High School
Honorable Mention	<i>Name(s)</i>	Chirayu Nimonkar
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Pooja Patel
	<i>School</i>	Mills E. Godwin High School
Third Place	<i>Name(s)</i>	Joshua Alexander
	<i>School</i>	Deep Run High School
Second Place	<i>Name(s)</i>	Sabrina Ye
	<i>School</i>	Mills E. Godwin High School
First Place	<i>Name(s)</i>	Lars Wirstrom
	<i>School</i>	Mathematics & Science Academy at Ocean Lakes High

ECOLOGY AND EARTH SCIENCES A

Honorable Mention	<i>Name(s)</i>	Anya Dutta
	<i>School</i>	Thomas Jefferson Middle School
Honorable Mention	<i>Name(s)</i>	Cassie Elsberg & Rebecca Estevao
	<i>School</i>	Swanson Middle School
Honorable Mention	<i>Name(s)</i>	Nitya Goyal
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	Ava Fischer
	<i>School</i>	Thomas Jefferson Middle School
Second Place	<i>Name(s)</i>	Natalie Cecil & Grace Varrieur
	<i>School</i>	Swanson Middle School
First Place	<i>Name(s)</i>	Desmen Boykin
	<i>School</i>	Graham Park Middle School

ECOLOGY AND EARTH SCIENCES B

Honorable Mention *Name(s)* Kritika Rai
 School Thomas Jefferson Middle School

Third Place *Name(s)* Skylar Schuetze
 School George H. Moody Middle School

Second Place *Name(s)* Estee Ruiz
 School Thomas Jefferson Middle School

First Place *Name(s)* Gayatri Guda
 School George H. Moody Middle School

ENGINEERING A

Honorable Mention *Name(s)* Evan Allen
 School Mathematics & Science Academy at Ocean Lakes High

Honorable Mention *Name(s)* Adam Downs
 School Southwest Virginia Governor's School

Honorable Mention *Name(s)* John Evans
 School Yorktown High School

Third Place *Name(s)* Brandon Fan
 School Blacksburg High School

Second Place *Name(s)* Neema Ahmadian & Emerson Dove
 School Blacksburg High School

First Place *Name(s)* Alexandra Barrett
 School Southwest Virginia Governor's School

ENGINEERING B

Honorable Mention	<i>Name(s)</i> <i>School</i>	Sean Mapes Central Virginia Governor's School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Fernando Posada & McGrath Seamus Harrisonburg High School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Dilin Williams Washington-Lee High School
Third Place	<i>Name(s)</i> <i>School</i>	Calvin Kramer Chesapeake Bay Governor's School
Second Place	<i>Name(s)</i> <i>School</i>	Alice Xu Blacksburg High School
First Place	<i>Name(s)</i> <i>School</i>	Jadelin McLeod Harrisonburg High School

ENGINEERING & TECHNOLOGY A

Honorable Mention	<i>Name(s)</i> <i>School</i>	Lily Allen & Ellie Potts Swanson Middle School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Elizabeth Knerr George H. Moody Middle School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Ella McNally Thomas Jefferson Middle School
Third Place	<i>Name(s)</i> <i>School</i>	Shorya Malani George H. Moody Middle School
Second Place	<i>Name(s)</i> <i>School</i>	Leonardo Fall Swanson Middle School
First Place	<i>Name(s)</i> <i>School</i>	Rachel Dai George H. Moody Middle School

ENGINEERING & TECHNOLOGY B

Honorable Mention	<i>Name(s)</i>	Yash Saxena
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Pranithi Thoota
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Parth Tornekar
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	Viktor Vaniakin
	<i>School</i>	George H. Moody Middle School
Second Place	<i>Name(s)</i>	Maxwell Sigrest
	<i>School</i>	Louise Benton Middle School
First Place	<i>Name(s)</i>	Raphael Sanchez
	<i>School</i>	Thomas Jefferson Middle School

EARTH AND ENVIRONMENTAL SCIENCE A

Honorable Mention	<i>Name(s)</i>	Ankita Adhvaryu
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	William Bernhardt & Haylee Feist
	<i>School</i>	Yorktown High School
Honorable Mention	<i>Name(s)</i>	Emily Brown
	<i>School</i>	Chesapeake Bay Governor's School
Third Place	<i>Name(s)</i>	Christiana Cole, Andrea Fox, Noah McIntire &
	<i>School</i>	Hannah Miller Harrisonburg High School
Second Place	<i>Name(s)</i>	Isabella Burgoyne
	<i>School</i>	Southwest Virginia Governor's School
First Place	<i>Name(s)</i>	Kenneth Beam
	<i>School</i>	Chesapeake Bay Governor's School

EARTH AND ENVIRONMENTAL SCIENCE B

Honorable Mention	<i>Name(s)</i>	MayGrace Gozzi
	<i>School</i>	Clover Hill High School
Honorable Mention	<i>Name(s)</i>	Emily Haueis
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Anna Lewis & Jerry Turner
	<i>School</i>	Chesapeake Bay Governor's School
Third Place	<i>Name(s)</i>	Janine Icalla
	<i>School</i>	Mills E. Godwin High School
Second Place	<i>Name(s)</i>	Caroline Klotz
	<i>School</i>	Clover Hill High School
First Place	<i>Name(s)</i>	Adithya Iyer
	<i>School</i>	Roanoke Valley Governor's School

EARTH AND ENVIRONMENTAL SCIENCE C

Honorable Mention	<i>Name(s)</i>	Katherine Little
	<i>School</i>	Yorktown High School
Honorable Mention	<i>Name(s)</i>	Jewel Mitchell
	<i>School</i>	Chesapeake Bay Governor's School
Honorable Mention	<i>Name(s)</i>	David Mullins
	<i>School</i>	Chesapeake Bay Governor's School
Third Place	<i>Name(s)</i>	Renee Meade
	<i>School</i>	Chesapeake Bay Governor's School
Second Place	<i>Name(s)</i>	Emma McKee
	<i>School</i>	Chesapeake Bay Governor's School
First Place	<i>Name(s)</i>	James Licato
	<i>School</i>	Washington-Lee High School

EARTH AND ENVIRONMENTAL SCIENCE D

Honorable Mention	<i>Name(s)</i>	Laurel Seay
	<i>School</i>	Central Virginia Governor's School
Honorable Mention	<i>Name(s)</i>	Fareed Sheriff
	<i>School</i>	Mills E. Godwin High School
Third Place	<i>Name(s)</i>	Anna Vargas
	<i>School</i>	New Horizons Governor School
Second Place	<i>Name(s)</i>	Joe Vimalathithan
	<i>School</i>	Clover Hill High School
First Place	<i>Name(s)</i>	Tahi Wiggins
	<i>School</i>	Chesapeake Bay Governor's School

HUMAN BEHAVIOR

Honorable Mention	<i>Name(s)</i>	Jonathan Bierly
	<i>School</i>	George H. Moody Middle School
Honorable Mention	<i>Name(s)</i>	Oliver Frankel
	<i>School</i>	Sabot at Stony Point
Honorable Mention	<i>Name(s)</i>	Qingyuan Hu
	<i>School</i>	George H. Moody Middle School
Third Place	<i>Name(s)</i>	Risshi Naavaal
	<i>School</i>	George H. Moody Middle School
Second Place	<i>Name(s)</i>	Fares Elsherbiny & Caleb Morgan
	<i>School</i>	Louise Benton Middle School
First Place	<i>Name(s)</i>	Aashka Shah
	<i>School</i>	George H. Moody Middle School

MATHEMATICS: PATTERNS & RELATIONSHIPS

Third Place *Name(s)* Maya Jones
 School Thomas Jefferson Middle School

Second Place *Name(s)* Eilaf Aljasari
 School George H. Moody Middle School

First Place *Name(s)* Grant Lee
 School George H. Moody Middle School

MATHEMATICS: THEORETICAL & MODELING

Honorable Mention *Name(s)* Emma Berver
 School Washington-Lee High School

Third Place *Name(s)* Cameron Sharma
 School Mills E. Godwin High School

Second Place *Name(s)* Gavin McCabe, Jacob Rice, Kai Vylet
 School New Horizons Governor School

First Place *Name(s)* Maria Stuebner
 School New Horizons Governor School

MEDICINE AND HEALTH A

Honorable Mention	<i>Name(s)</i>	Callie Booth
	<i>School</i>	Central Virginia Governor's School
Honorable Mention	<i>Name(s)</i>	Nikhil Challa
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Charlie Jones
	<i>School</i>	Southwest Virginia Governor's School
Third Place	<i>Name(s)</i>	Audrey Carlson
	<i>School</i>	Central Virginia Governor's School
Second Place	<i>Name(s)</i>	Katie Harrison
	<i>School</i>	Central Virginia Governor's School
First Place	<i>Name(s)</i>	Shan Lateef
	<i>School</i>	Thomas Jefferson High School

MEDICINE AND HEALTH B

Honorable Mention	<i>Name(s)</i>	Elizabeth Wilding
	<i>School</i>	Chesapeake Bay Governor's School
Honorable Mention	<i>Name(s)</i>	Nathan Wu
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Edward Zhang
	<i>School</i>	Mills E. Godwin High School
Third Place	<i>Name(s)</i>	Karuna Ramnani
	<i>School</i>	Mills E. Godwin High School
Second Place	<i>Name(s)</i>	Grace Walters
	<i>School</i>	Mills E. Godwin High School
First Place	<i>Name(s)</i>	Ashish Vaidyanathan
	<i>School</i>	Mills E. Godwin High School

MICROBIOLOGY AND CELL BIOLOGY A

Honorable Mention	<i>Name(s)</i>	Ellianna Bailey
	<i>School</i>	Chesapeake Bay Governor's School
Honorable Mention	<i>Name(s)</i>	Emiko Ebreneyin
	<i>School</i>	Central Virginia Governor's School
Honorable Mention	<i>Name(s)</i>	Graysen Adams
	<i>School</i>	Central Virginia Governor's School
Third Place	<i>Name(s)</i>	David Kang
	<i>School</i>	John Randolph Tucker High School
Second Place	<i>Name(s)</i>	Lauren Frampton
	<i>School</i>	Roanoke Valley Governors School
First Place	<i>Name(s)</i>	Logan Dunkenberger
	<i>School</i>	Roanoke Valley Governor's School

MICROBIOLOGY AND CELL BIOLOGY B

Honorable Mention	<i>Name(s)</i>	Constance Newell
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Elina Rastegar
	<i>School</i>	Mills E. Godwin High School
Third Place	<i>Name(s)</i>	Leem Taha
	<i>School</i>	Mills E. Godwin High School
Second Place	<i>Name(s)</i>	Hamna Shafiq
	<i>School</i>	Washington-Lee High School
First Place	<i>Name(s)</i>	Claire Morton
	<i>School</i>	Blacksburg High School

PHYSICAL SCIENCE & ASTRONOMY

Honorable Mention	<i>Name(s)</i>	Isla Carlson
	<i>School</i>	Gunston Middle School
Honorable Mention	<i>Name(s)</i>	Juliet Geers
	<i>School</i>	Thomas Jefferson Middle School
Honorable Mention	<i>Name(s)</i>	Dylan Hill-Joyce
	<i>School</i>	Sabot at Stony Point
Third Place	<i>Name(s)</i>	Tom Meyers
	<i>School</i>	Sabot at Stony Point
Second Place	<i>Name(s)</i>	Farouk Boudjemaa & Cameron Gleaton
	<i>School</i>	Swanson Middle School
First Place	<i>Name(s)</i>	Lorenzo Mazzeo
	<i>School</i>	Sabot at Stony Point

PHYSICS & ASTRONOMY

Honorable Mention	<i>Name(s)</i>	Madison Markham
	<i>School</i>	Central Virginia Governor's School
Honorable Mention	<i>Name(s)</i>	Arupava Saha
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Brett Zimmermann
	<i>School</i>	Clover Hill High School
Third Place	<i>Name(s)</i>	Mary O'Sullivan
	<i>School</i>	Chesapeake Bay Governor's School
Second Place	<i>Name(s)</i>	Justin Wang
	<i>School</i>	Chantilly High School
First Place	<i>Name(s)</i>	Katelyn Roberts
	<i>School</i>	Clover Hill High School

PLANT SCIENCES & MICROBIOLOGY

Honorable Mention	<i>Name(s)</i> <i>School</i>	Laasya Konidala George H. Moody Middle School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Benjamin Portner Williamsburg Middle School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Vishnoy Vadakkancheri George H. Moody Middle School
Third Place	<i>Name(s)</i> <i>School</i>	Aria Merrill Thomas Jefferson Middle School
Second Place	<i>Name(s)</i> <i>School</i>	Ellie Rowland Thomas Jefferson Middle School
First Place	<i>Name(s)</i> <i>School</i>	Charlotte Haldeman Papacosma Gunston Middle School

PSYCHOLOGY A

Honorable Mention	<i>Name(s)</i> <i>School</i>	Emily Lionberger Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Michaela McCormack T.C. Williams High School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Noah Keeney Central Virginia Governor's School
Third Place	<i>Name(s)</i> <i>School</i>	Alicia Hundley Southwest Virginia Governor's School
Second Place	<i>Name(s)</i> <i>School</i>	Meah Ellis Central Virginia Governor's School
First Place	<i>Name(s)</i> <i>School</i>	Naomi Abramowicz & Rachel Brill Washington-Lee High School

PSYCHOLOGY B

Honorable Mention	<i>Name(s)</i>	Collin Murphy
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Vijay Nagandla
	<i>School</i>	Mills E. Godwin High School
Honorable Mention	<i>Name(s)</i>	Annabelle Paulette
	<i>School</i>	Central Virginia Governor's School
Third Place	<i>Name(s)</i>	Savannah Spencer
	<i>School</i>	Southwest Virginia Governor's School
Second Place	<i>Name(s)</i>	Ryan Poquis
	<i>School</i>	Mills E. Godwin High School
First Place	<i>Name(s)</i>	Hannah Swann
	<i>School</i>	Chesapeake Bay Governor's School

STATISTICAL ANALYSIS & INFERENCES

Third Place	<i>Name(s)</i>	Jerry Zhang
	<i>School</i>	Mills E. Godwin High School
Second Place	<i>Name(s)</i>	Jamael Smith
	<i>School</i>	Central Virginia Governor's School
First Place	<i>Name(s)</i>	Allyson Wang
	<i>School</i>	Mills E. Godwin High School

ZOOLOGY

Honorable Mention	<i>Name(s)</i> <i>School</i>	Christopher Marotta Central Virginia Governor's School
Honorable Mention	<i>Name(s)</i> <i>School</i>	Mia Varghese Glen Allen High School
Third Place	<i>Name(s)</i> <i>School</i>	Katherine Casper Chesapeake Bay Governor's School
Third Place	<i>Name(s)</i> <i>School</i>	Rosalina Volo Chesapeake Bay Governor's School
Second Place	<i>Name(s)</i> <i>School</i>	Christina Pellico West Potomac High School
First Place	<i>Name(s)</i> <i>School</i>	Henry Ge Mills E. Godwin High School

BEST OF CATEGORY AWARDS

These awards are given to the best project in certain categories.

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) Sophia Link
School Blacksburg 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) Lars Wirstrom
School Mathematics & Science School at Ocean Lakes 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) Alexandra Barrett
School Southwest Virginia Governor's School

Name(s) Jadelin McLeod
School Harrisonburg High 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) Lauren Frampton
School Roanoke Valley Governor's School

Name(s) Claire Morton
School Blacksburg High School

MATHEMATICS AWARD

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

Name(s) Maria Stuebner
School New Horizons Governor School

STATISTICS AWARD

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

Name(s) Allyson Wang
School Mills E. Godwin 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) Henry Ge
School Mills E. Godwin High School

SPECIAL INTEREST AWARDS & SCHOLARSHIPS

Students apply for these awards and they are evaluated by a special panels of judges from the awarding bodies and/or group of special judges

CANCER RESEARCH AWARD

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

Name(s) Ashish Vaidyanathan
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) Natalie Aramendia
School Washington-Lee High School

ROSCOE HUGHES GENETICS AWARD

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

Name(s) Unmesha Vullikanti
School Blacksburg High School

DR. SMITH SHADOMY 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) Cameron Sharma
School Mills E. Godwin 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) Paige David
School Central Virginia Governor's 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) Kenneth Beam
School Chantilly High 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) Tahi Wiggins
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) Belen Tesfaye
School Washington-Lee 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) James Licato
School Washington-Lee High 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) Tahi Wiggins
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) James Licato
School Washington-Lee High School

VJAS HONOR AWARDS & VAS BEST OF SYMPOSIUM RESEARCH AWARDS

All first place section papers are screened by a panel of special judges.

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) Desmen Boykin
School Graham Park 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) Aaryan Asthana
School George H. Moody Middle School

CATESBY JONES AWARD

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

Name(s) Logan Dunkenberger
School Roanoke Valley Governor's School

DR. R. DEAN DECKER HONORARIUM AWARD

The Dr. R. Dean Decker Honorarium award this year of \$500 each is to go to the teacher/sponsor of the two top 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 at the AJAS meeting. Guidelines and procedures for the recipients will follow later.

Winner *Name(s)* **Mary Fretts (Teacher Sponsor of James Licato)**
 School **Washington-Lee High School**

Winner *Name(s)* **Terressa M. Boykin (Parent Sponsor of Desmen Boykin)**
 School **Graham Park Middle School**

VAS/VJAS HONOR AWARDS FOR ADULTS

The VJAS Committee recognizes and presents these awards for outstanding service.

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) Cassia Block

School St. Mary's College of Maryland / Washington-Lee High School

VAS AWARD FOR DEDICATED 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) < NONE >

VJAS DISTINGUISHED SERVICE AWARD

A special certificate is presented to a person for exceptionally outstanding service to the VJAS and public recognition is given at the Research Symposium. This is the most prestigious award that the VJAS Committee gives.

Name(s) Robin Curtis

THE FRANKLIN D. KIZER DISTINGUISHED SERVICE AWARD

(Replaces the former E.C.L. Miller Science Teacher of the Year Award)

This award recognizes the exceptional contributions to VJAS of a STEM teacher.

Name(s) Dawn McCoart

School Washington-Lee High School

THE FRANKLIN D. KIZER SCIENCE TEACHER OF TOMORROW AWARD

This award recognizes an outstanding Virginia science teacher and provides an opportunity for professional development through attendance at the annual VAST meeting.

Name(s) Kristin Gogal

Swanson Middle School

VJAS STUDENT OFFICER COMMITTEE

2018-2019 Student Officers, outgoing students for recognition

PRESIDENT: TOWNSON COOKE, T.C. WILLIAMS HIGH SCHOOL

SECRETARY/HISTORIAN: PRANAAV RAO, MILLS E. GODWIN HIGH SCHOOL

EDITOR-IN-CHIEF: JUSTIN WANG, CHANTILLY HIGH SCHOOL

STEM CHAIR: JAKOB YIRGA, MILLS E. GODWIN HIGH SCHOOL

COMMUNICATION LIAISON: SELIK MORISHETTY, HENRICO HIGH SCHOOL

REGIONAL DIRECTOR: SPENCER MACTURK, MILLS E. GODWIN HIGH SCHOOL

REGIONAL DIRECTOR: HALEY BAREFOOT, CLOVER HILL HIGH SCHOOL

OFFICER ALUMNI: KAYLA HOLSTON

OFFICER ALUMNI: AMRUTA PONUGUPATI

2019-2020 Student Officers, Inducted on May 23, 2019 at Old Dominion University

PRESIDENT: SHAN LATEEF, THOMAS JEFFERSON HIGH SCHOOL

VICE PRESIDENT: CLAIRE MORTON, BLACKSBURG HIGH SCHOOL

SECRETARY: ABHISNEK KULKARNI, MILLS E. GODWIN HIGH SCHOOL

CO-EDITORS-IN-CHIEF: KARUNA RAMNANI, MILLS E. GODWIN HIGH SCHOOL

CO-EDITORS-IN-CHIEF: NOAH PORTER, WASHINGTON-LEE HIGH SCHOOL

COMMUNICATION LIAISON: CHRISTOPHER MAROTTA, CENTRAL

VIRGINIA GOVERNOR'S SCHOOL

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