

VIRGINIA JUNIOR ACADEMY OF SCIENCE AWARDS  
1996 ANNUAL MEETING

AGRICULTURAL AND ANIMAL SCIENCE

Honorable Mention:	Sherwood T. Green, Jr.	Gloucester High School
Honorable Mention:	Marisela Rodriguez	Matoaca High School
Honorable Mention:	Russell G. Yates	Gloucester High School
Third Place:	Adrianna N. Hancock	Atlee High School
Second Place:	Kara M. Doggett	Isle of Wight Academy
First Place:	Brian M. Green	Yorktown High School

ANIMAL BEHAVIOR (ETHOLOGY)

Honorable Mention:	Heather B. Green	Yorktown High School
Honorable Mention:	Nadia E. Hilliard	Tuckahoe Middle School
Honorable Mention:	Michael J. Smith	Thomas Jefferson Middle School
Third Place:	Jessica A. Costa	Gloucester High School
Second Place:	Aaron L. Kelly	Gloucester High School
First Place:	Pascal R. Deboeck	Bishop O'Connell High School

BOTANY 'A'

Honorable Mention:	Lindsay D. Austin	Atlee High School
Honorable Mention:	Amanda G. Bock	Menchville High School
Honorable Mention:	Brandt R. Carr	Tuckahoe Middle School
Third Place:	A. Meaghan Anderson	Patrick Henry High School
Second Place:	Angela M. Concepcion	Bishop O'Connell High School
First Place:	Jean M. Bower	Central Virginia Governor's Sch.

BOTANY 'B'

Honorable Mention:	Irena R. Hollowell	Yorktown High School
Honorable Mention:	K. Elizabeth Magalis	Midlothian High School
Honorable Mention:	Veronica H. Moreno	Thomas Jefferson Middle School
Third Place:	Meredith Meyer	Washington-Lee High School
Second Place:	Bonmyong Lee	Washington-Lee High School
First Place:	Paula R. Katz	Roanoke Valley Governor's Sch.

BOTANY 'C'

Honorable Mention:	Kevin J. Will	H.B. Woodlawn
Honorable Mention:	Devin C. Woods	Richmond Community High Sch.
Honorable Mention:	Mary D. Wortham	Atlee High School
Third Place :	Janice E. Pour	Atlee High School
Second Place:	Julie A. Plagenhoef	Cave Spring High School
First Place:	Jessicah S. Phillips	Central Virginia Governor's Sch.

CHEMISTRY 'A'

Honorable Mention:	Dominique B. Caovan	Bishop O'Connell High School
Honorable Mention:	Mark H. Dreusicke	Midlothian High School
Honorable Mention:	Ann B. Hanes	Patrick Henry High School
Third Place:	Kimberly M. Greer	Fieldale-Collinsville High Sch.
Second Place:	Molly C. Cahill	Swanson Middle School
First Place:	Torrey B. Dunbar	Southwest Virginia Governor's School

CHEMISTRY 'B'

Honorable Mention:	Jeremy G. Larochelle	Bishop O'Connell High School
Honorable Mention:	Mindy L. McCord	Liberty Middle School
Honorable Mention:	Emily K. Moxley	Tuckahoe Middle School
Third Place:	Brian M. Newman	Southwest Virginia Governor's School
Second Place:	Eileen S. Krenzel	Kecoughtan High School
First Place:	Curtis J. Layton	Cave Spring High School

CHEMISTRY 'C'

Honorable Mention:	Meredith C. Spivey	Isle of Wight Academy
Honorable Mention:	Steven E. Wheeler	Clover Hill High School
Third Place:	Meghan S. Skinner	Tuckahoe Middle School
Second Place:	Maria R. Sonevytsky	Yorktown High School
First Place:	Pradeep Rajan	Governor's School for Govern- ment and International Studies

## COMPUTER SCIENCE

Honorable Mention:	Laura J. Black	Yorktown High School
Third Place:	Shishir S. Mehrotra	New Horizons Governor's Sch.
Second Place:	Johann M. Schleier-Smith	Thomas Jefferson High School for Science and Technology
First Place:	Liem T. Ha	Wakefield High School

## CONSUMER SCIENCE 'A'

Honorable Mention:	Ryan E. Billingsley	Cave Spring High School
Honorable Mention:	Sarah E. Brown	Williamsburg Middle School
Honorable Mention :	Caroline L. Burnet	Ferguson High School
Third Place:	Lisa M. Coward	Lloyd C. Bird High School
Second Place:	Meredith A. Bailey	Douglas Freeman High School
First Place:	Brad W. Butcher	Menchville High School

## CONSUMER SCIENCE 'B'

Honorable Mention:	Christie E. Gaskins	Harry F. Byrd Middle School
Honorable Mention:	Peyton C. Gouldin	Stonewall Jackson Middle School
Honorable Mention:	Sarah E. Johnson	Hines Middle School
Third Place:	Justin A. Gayle	Chickahominy Middle School
Second Place:	Kris T. Huang	Midlothian High School
First Place:	John M. Fout	Clover Hill High School

## CONSUMER SCIENCE 'C'

Honorable Mention:	Laura A. Kalichak	Clover Hill High School
Honorable Mention:	Ashley J. Kirkham	Chickahominy Middle School
Honorable Mention:	Justin D. Morgan	Roanoke Valley Governor's Sch.
Third Place:	Jennifer E. Miller	Gloucester High School
Second Place:	Jay J. Mizack	Cave Spring High School
First Place:	Jaime L. Moore	Atlee High School

ENGINEERING 'A'

Honorable Mention:	Jonathan S. Cheek	Williamsburg Middle School
Honorable Mention:	Christopher W. Genheimer	Patrick Henry High School
Honorable Mention:	Brad R. Gunton	Clover Hill High School
Third Place:	Benjamin S. Draper	Hermitage High School
Second Place:	Jason N. Daugherty	Gloucester High School
First Place:	Clinton M. Davis	Clover Hill High School

ENGINEERING 'B'

Honorable Mention:	Joseph A. Moore	Liberty Middle School
Honorable Mention:	Christopher D. Ryan	Gildersleeve Middle School
Honorable Mention:	Kevin P. Wegener	Thomas Jefferson High School for Science and Technology
Third Place:	Emmeline N. Weber	Central Virginia Governor's Sch.
Second Place:	Kartik G. Srinivas	Thomas Jefferson High School for Science and Technology
First Place:	James D. Ohl	Central Virginia Governor's Sch.

ENVIRONMENTAL SCIENCE 'A'

Honorable Mention:	Lori E. Aitkenhead	Gildersleeve Middle School
Honorable Mention:	Emily K. Clarke	Bishop O'Connell High School
Honorable Mention:	Annie T. Eure	Roanoke Valley Governor's Sch.
Third Place:	Caroline L. Burnet	Ferguson High School
Second Place:	Matthew G. Eddy	Thomas Jefferson Middle School
Second Place:	Jennifer B. Ambler	First Colonial High School
First Place:	David A. Bray	T.C. Williams High School

ENVIRONMENTAL SCIENCE 'B'

Honorable Mention:	Rangina Hamidi	Wakefield High School
Honorable Mention:	Carrie D. Jennings	Central Virginia Governor's Sch.
Honorable Mention:	Mary-Ellen W. Lahy	Tuckahoe Middle School
Third Place:	Abigail R. Ferrance	Roanoke Valley Governor's Sch.
Second Place:	Winston Gwathmey	Norfolk Academy
First Place:	Kristy A. Jones	Patrick Henry High School

## ENVIRONMENTAL SCIENCE 'C'

Honorable Mention:	Stephen M. Ng	Yorktown High School
Honorable Mention:	Beth G. Oesterling	Gloucester High School
Honorable Mention:	Crystal C. Peery	Central Virginia Governor's Sch.
Third Place:	Rebecca C. Oser	Yorktown High School
Second Place:	Diameng Pa	Wakefield High School
First Place :	Katherine E. Randle	Williamsburg Middle School

## ENVIRONMENTAL SCIENCE 'D'

Honorable Mention:	Alan M. Trammell	Lloyd C. Bird High School
Honorable Mention:	Sheila M. Urie	Central Virginia Governor's Sch.
Honorable Mention:	Chris Yurek	Gunston Middle School
Third Place:	Sarah M. Smith	Yorktown High School
Second Place:	Clay L. Sellers	Broadway High School
First Place:	Katherin M. Slimak	West Springfield High School

## GENETICS AND CELLULAR BIOLOGY

Honorable Mention:	Sarah T. Wilkinson	Patrick Henry High School
Third Place:	Matthew B. Potts	Thomas Jefferson High School for Science and Technology
Second Place:	Jesse K. Liu	Thomas Jefferson High School for Science and Technology
First Place:	Jessica D. Kessler	Mills E. Godwin High School

## MATHEMATICS AND STATISTICS 'A'

Honorable Mention:	Bo Fisher	Woodberry Forest School
Honorable Mention:	Jonathan L. Jesneck	Woodberry Forest School
Honorable Mention:	William S. Knight	Woodberry Forest School
Third Place:	William H. Higgins	Woodberry Forest School.
Second Place:	Jacob G. Foster	Woodberry Forest School
First Place:	Loren K. Hoffman	Governor's School for Govern- ment and International Studies

MATHEMATICS AND STATISTICS 'B'

Honorable Mention:	Chris M. Recht	Woodberry Forest School
Honorable Mention:	Jason A. Ross	Menchville High School
Honorable Mention:	Shaun K. Smith	Woodberry Forest School
Third place:	Milan M. Patel	Woodberry Forest School
Second Place:	Jennifer K. Murrill	Atlee High School
First Place:	Greg Y. Tseng	Thomas Jefferson High School for Science and Technology

MEDICINE AND HEALTH 'A'

Honorable Mention:	Lisa B. Boyette	Gloucester High School
Honorable Mention:	Karen E. Bruner	Lloyd C. Bird High School
Honorable Mention:	Samantha B. Debicki	Williamsburg Middle School
Third Place:	Heather S. Johnson	Yorktown High School
Second Place :	Paul L. Gross	Cave Spring High School
First Place:	Tom L. Harmon	Atlee High School

MEDICINE AND HEALTH 'B'

Honorable Mention:	Shelly D. Layser	Gildersleeve Middle School
Honorable Mention:	Nisha Nagarkatti	Blacksburg Middle School
Honorable Mention:	Thao-ly T. Phan	Manchester Middle School
Third place:	Catherine R. Lewis	Mills E. Godwin High School
Second Place:	Alexa J. Merchant	Mills E. Godwin High School
First Place:	Rahul Kapur	Thomas Jefferson High School for Science and Technology

MEDICINE AND HEALTH 'C'

Honorable Mention:	Stepahnie C. Stauffer	Washington-Lee High School
Honorable Mention:	Sidney J. Traynham	Thomas Jefferson Middle School
Honorable Mention:	Melissa B. Weimer	Atlee High School
Third Place:	Taharee A. Webb	Roanoke Valley Governor's Sch.
Second Place:	Shobha C. Ranganath	Governor's School for Govern- mentand International Studies
First Place:	Malika I. Seth	Thomas Jefferson High School for Science and Technology

## MICROBIOLOGY 'A'

Honorable Mention:	George E. Ashton	Governor's School for Govern- ment and International Studies
Honorable Mention:	Susan E. Cocker	Yorktown High School
Honorable Mention:	Amanda J. Harpold	Cave Spring High School
Third Place:	Alex C. Herzick	Gloucester High School
Second Place:	Stephen R. Collins	Southwest Virginia Governor's School
First Place:	Matthew S. Emery	Clover Hill High School

## MICROBIOLOGY 'B'

Honorable Mention:	Elizabeth F. Huff	Tuckahoe Middle School
Honorable Mention:	Jennifer M. Jordan	Gloucester High School
Honorable Mention:	Thomas U. Marron	H.B. Woodlawn
Third Place:	Alexander L. Miller	Peasley Middle School
Second Place:	Dorian J. Zoumplis	Warwick High School
First Place:	Rebecca A. Yurek	Wakefield High School

## MULTIPLE AUTHORED PAPERS

Honorable Mention:	David M. Kertesz Daniel M. Kertesz	Kecoughtan High School
Honorable Mention:	David H. Logan Faisal S. Malik	Yorktown High School
Honorable Mention :	Kimberly N. Woodlen Kasey S. Wilson Shanika A. Armstead	Peasley Middle School
Third Place:	Joanna L. Gayle Laura R. Wherry	Atlee High School
Second Place:	Erika Y. Cook Rasmi P. Chhang Sara B. Robinson	Wakefield High School
First Place	Erik M. Wishneff Tracy A. D'Souza Joy L. Monar	Roanoke Valley Governor's Sch.

PHYSICS 'A'

Honorable Mention:	Erin B. Chisom	Ferguson High School
Honorable Mention:	Dylan S. Fugate	Richmond Community High Sch.
Honorable Mention:	Jessica Garrison	Gunston Middle School
Third Place:	Gregory C. Brown	Thomas Jefferson Middle School
Second Place:	John P. Dulka	Yorktown High School
First Place:	Amanda S. Bowser	Menchville High School

PHYSICS 'B'

Honorable Mention:	Benjamin Z. Grossberg	Tuckahoe Middle School
Honorable Mention:	Hoon P. Joo	Yorktown High School
Honorable Mention:	Jonathan Kurshan	Roanoke Valley Governor's Sch.
Third Place :	Daniel J. Hettich	Wakefield High School
Second Place:	Czer A.E. Lim	Tallwood High School
First Place:	Jakob B. Harmon	Chickahominy Middle School

PHYSICS 'C'

Honorable Mention:	Victor Q. Nguyen-long	Yorktown High School
Honorable Mention:	Tracy D. Raciborski	B.T. Washington Middle School
Honorable Mention:	Joseph D. Schwartz	Bishop O'Connell High School
Third Place:	David S. Radloff	Turner Ashby High School
Second Place:	Kevin L. Setter	H.B. Woodlawn
First Place:	Van F. Smith	Central Virginia Governor's Sch.

PSYCHOLOGY - GENERAL

Honorable Mention:	Catherine Chan	Yorktown High School
Honorable Mention:	M. Martin Kessler	William Byrd High School
Honorable Mention:	Thomas C. Westmoreland, Jr.	Southwest Virginia Governor's School
Third Place:	Jeffrey D. Chadwick	Tuckahoe Middle School
Second Place:	Adam S. Bronstein	Yorktown High School
First Place:	Daniel C. Moss	Yorktown High School



## PSYCHOLOGY - LEARNING &amp; PERCEPTION 'A'

Honorable mention:	Emily K. Anthes	Williamsburg Middle School
Honorable mention:	Alison M. Berry	The New Community School
Honorable mention:	Vernon J. Hurte	Richmond Community High Sch.
Third Place:	Lisa A. Fletcher	Lloyd C. Bird High School
Second Place:	Lloyd F. Coley	Woodberry Forest School
First Place:	Jonathan V. Davidow	Tuckahoe Middle School

## PSYCHOLOGY - LEARNING &amp; PERCEPTION 'B'

Honorable Mention:	Kristen M. Moolhuyzen	Atlee High School
Honorable Mention:	Ashley H. Snyder	St. Anne's Belfield School
Third Place:	Sarah B. Shapiro	Tuckahoe Middle School
Second Place:	Zachary A. Schendel	Clover Hill High School
First Place:	Sara N. Tsuchitani	Yorktown High School

## PSYCHOLOGY - SOCIAL

Honorable Mention:	Erin B. Ashwell	Roanoke Valley Governor's Sch.
Honorable Mention:	Leslie B. Dubeck	Williamsburg Middle School
Honorable Mention:	Erin J. Wamsley	Wakefield High School
Third Place :	Allison L. Elias	Roanoke Valley Governor's Sch.
Second Place:	Kendra P. Robins	Norfolk Academy
First Place:	Patrica A. Niermeyer	J.R. Tucker High School

## ZOOLOGY 'A'

Honorable Mention:	David P. Andrukonis	Williamsburg Middle School
Honorable Mention:	Bernice E. Boden	Yorktown High School
Honorable Mention:	Hailey A. Elliott	Warwick High School
Honorable Mention:	Heather R. Hornick	Clover Hill High School
Third Place:	Anita A. Bachlani	Chickahominy Middle School
Second Place:	Virginia R. Ebbett	Roanoke Valley Governor's Sch.
First Place:	Sarah M. Barden	Clover Hill High School

ZOOLOGY 'B'

Honorable Mention:	Brittany L. Hott	Patrick Henry High School
Honorable Mention:	Elaine M. Pour	Chickahominy Middle School
Honorable Mention:	Larry W. Snyder, Jr.	Atlee High School
Third Place:	Reed A. Kitchen	Tuckahoe Middle School
Second place:	Candice B. Smith	Yorktown High School
First Place:	Matthew W. King	Gloucester High School

SPECIAL AWARDS

Botany Section Award, given by the Botany Section of the VAS, to the best paper On a botanical subject.

Paula R. Katz  
Roanoke Valley Governor's School

VJAS Neuroscience Awards supported by the Auxiliary of the Virginia Neurological Society are given to three outstanding papers in the field of neuroscience.

Emily Clark  
Bishop O'Connell High School

Jennifer Jordan  
Gloucester High School

Alexa Merchant  
Mills E. Godwin High School

Speleological Society Award given to the best paper addressing karst or topics related to speleology given by the Richmond Area speleological society.

Thu B. Le  
Meadowbrook High School

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

Greg Y. Tseng  
Thomas Jefferson High School for Science and Technology

Smith Shadomy Infectious Disease Award in honor and memory of Dr. Smith Shadomy given by the Virginia Chapter of the National Foundation of Infectious Diseases.

Justin C. Meadows  
Patrick Henry High School

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

Jessica D. Kessler  
Mills E. Godwin High School

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

Curtis J. Layton  
Cave Spring High School

The Dr. and Mrs. Preston H. Leake Award in Applied Chemistry will be 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.

Jessica D. Kessler  
Mills E. Godwin High School

Russell J. Rowlett Award for the Best Research Paper of the Year.

Rahul Kapur  
Thomas Jefferson High School for Science and Technology

The Virginia Psychological Foundation Meritorious Research Awards recognize outstanding presentations of research in the various fields of psychology.

Daniel C. Moss  
Yorktown High School

Jonathan V. Davidow  
Tuckahoe Middle School

Sara N. Tsuchitani  
Yorktown High School

Patricia A. Niermeyer  
J.R. Tucker High School

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

Heather M. Smith  
Gloucester High School

American Cancer Society Award - This award is to recognize outstanding science papers related to cancer research. These awards are provided by the American Cancer Society (Virginia Division), Public Education Committee.

Honorable Mention  
Catherine R. Lewis  
Mills E. Godwin High School

Third Place  
Jessica D. Kessler  
Mills E. Godwin High School

Second Place  
Brad Butcher  
Menchville High School

First Place  
Tom L. Harmon  
Atlee High School

The Gamma Sigma Delta Award (Agriculture). Presented by the VPI & SU Chapter of the Honor Society of Agriculture. This award is presented in recognition of excellence in research dealing with application of new technologies and/or concepts in agriculture forestry, or veterinary medicine.

BRIAN M. GREEN  
Yorktown High School

W. W. Berry Award.-This award is given by VA Power in honor of Mr. W. W. Berry who was a past Chairman of the Board of VA Power. This award of a Savings Bond will be presented to the best engineering paper.

JAMES D. OHL  
Central Virginia Governor's School

The Joyce K. Peterson Award is presented for the outstanding paper by a middle school student. It is presented in honor of Mrs. Joyce K. Peterson who has been an outstanding teacher in the Arlington County Schools.

Kristen Altman  
Chickahominy Middle School

Trip to AJAS - AAAS Meeting for two students and two alternates for presenting outstanding papers. the 1997meeting will be held in February in Seattle, Wa

Winner:	Van F. Smith	Central Virginia Governor's Sch.
Winner:	Jessial D. Kessler	Mills E. Godwin High School
alternate:	Curtis J. Layton	Cave Spring High School
alternate:	Greg Y. Tseng	Thomas Jefferson High School for Science and Technology

Honorary Membership - AAAS given to two students.

CLAY SELLERS  
Broadway High School

MEREDITH BAILEY  
Douglas Freeman High School

Honorary Membership - VAS

DIAMENG PA  
Wakefield High School

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. Accompanying this scholarship is a rotating plaque to be displayed in the student's school for the next year. This award is based on both the students presentation and paper.

KATHERIN M. SLIMAK  
West Springfield High School

Frances and Sydney Lewis Environmental Scholarship: A \$14,000 scholarship (\$3,250 per year for four years) for the best effort by a student 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.

BRIAN M.GREEN  
Yorktown High School

VAS Science Teacher Award given to an outstanding science teacher.

SANDRA KEEFE  
B.T. Washington Middle School

VJAS Distinguished Service Award, most prestigious award given by the VJAS, is presented to a person for exceptionally outstanding service to the VJAS.

Dr. R. Dean Decker  
Past Director, VJAS: Pres-Elect VAS