

**VIRGINIA JUNIOR ACADEMY OF SCIENCE AWARDS  
1998 ANNUAL MEETING**

**AGRICULTURAL AND ANIMAL SCIENCE**

Honorable Mention:	Lauren M. Connolley	Atlee High School
Honorable Mention:	Caroline M. Jett	Atlee High School
Honorable Mention:	Michelle E. Kunec	Yorktown High School
Third Place:	Cameron S. Taliaferro	Cave Spring High School
Second Place:	Linda Z. Wong,	
	Melissa A. Pendergast	Ocean Lakes High School
First Place:	Jeanetta L. Walters	Southwest Virginia Governor's School

**ANIMAL BEHAVIOR (ETHOLOGY)**

Honorable Mention:	Douglas J. Honse	Gloucester High School
Honorable Mention:	Abdulrahman I. Kenyatta	Richmond Community H. S.
Honorable Mention:	Eleanor N. Vawter	Gloucester High School
Third Place:	Rene J. Stokes	Richmond Community H. S.
Second Place:	Mathias W. Daniels	Richmond Community H. S.
First Place:	Gwen M. Gisiner	Washington-lee High School

**BOTANY 'A'**

Honorable Mention:	Edward A. Booth	Tuckahoe Middle School
Honorable Mention:	Kari M. Cox	Stonewall Jackson Middle S.
Honorable Mention:	Joyce Dominick	Thomas Jefferson Middle S.
Third Place:	Jessica K. Ball	Roanoke Valley Governor's S.
Second Place:	Lisa B. Boyette	Gloucester High School
First Place:	Jessica L. Burton	New Horizons Governor's S.

**BOTANY 'B'**

Honorable Mention:	Tracey L. Keiter	Patrick Henry High School
Honorable Mention:	Dale S. Kim	Dozier Middle School
Honorable Mention:	Katherine Ledinh	Kenmore Middle School
Third Place:	Adrian J. Holloway	Warwick High School
Second Place:	Anna L. Krome-Lukens	Gloucester High School
First Place:	Tushar Halgali	Yorktown High School

## VJAS AWARDS

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### BOTANY 'C'

Honorable Mention:	Evan W. Meixner	Tuckahoe Middle School
Honorable Mention:	Andrea E. Niculescu	Chesterfield Co. Math & Science High School
Honorable Mention:	Lauren M. Putnocky	Chesterfield Co. Math & Science High School
Third Place:	Kimberly P. Millan	Yorktown High School
Second Place:	Stephan P. Ramaley	Gildersleeve Middle School
First Place:	Melissa L. Pollock	Gloucester High School

### BOTANY 'D'

Honorable Mention:	Melanie Sasser	Williamsburg Middle School
Honorable Mention:	Grayson E. Williams	Williamsburg Middle School
Honorable Mention:	Lauren B. Willis	Roanoke Valley Governor's S.
Third Place:	Devryck S. Weaver	Phoebus High School
Second Place:	Amol K. Tripathi	Governor's School for Gov't Int'l Studies
First Place:	Veronica Sikka	Governor's School for Gov't & Int'l Studies

### CHEMISTRY 'A'

Honorable Mention:	Seth R. Davis	Southwest Virginia Governor's S.
Honorable Mention:	Dan H. Fenwick	Swanson Middle School
Honorable Mention:	Russell M. Gordley	Thomas Jefferson HS for Science & Tech
Third Place:	Christine M. Bobal	Williamsburg Middle School
Second Place:	Joanne M. Cunningham	Atlee High School
First Place:	Paul J. Bracher	Thomas Jefferson HS for Science & Tech

### CHEMISTRY 'B'

Honorable Mention:	Jason H. Karnes	Governor's School for Gov't & Int'l Studies
Honorable Mention:	Nicholas A. Kimbrell	Williamsburg Middle School
Honorable Mention:	Michelle Minaskanian	Mills E. Godwin High School
Third Place:	Evan S. Krygowski	Thomas Jefferson HS for Science & Tech
Second Place:	Vincent M. Maniscalco	Atlee High School
First Place:	Stepahnie A. Horney	Southwest Virginia Governor's S.

### CHEMISTRY 'C'

Third Place:	Mike A. Pohl	Hines Middle School
Second Place:	Leana J. Siochi	Warwick High School
First Place:	Lara E. Pawlow	Thomas Jefferson HS for Science & Tech

## COMPUTER SCIENCE

Honorable Mention:	Nadia Djafarnia	Tuckahoe Middle School
Third Place:	Megan C. Glass	Central Shenandoah Valley Governor's School
Second Place:	Nicholas R. Summers, Josh S. Robertson	Yorktown High School
First Place:	Mitchell R. Huff	Central Virginia Governor's S.

## CONSUMER SCIENCE 'A'

Honorable Mention:	David Bae	Cave Spring High School
Honorable Mention:	Jenna Berk	Williamsburg Middle School
Honorable Mention:	Brenton S. Carson	Chickahominy Middle School
Third Place:	Michael W. Ailsworth	Warwick High School
Second Place:	Erin K. Cleary	James River High School
First Place:	Stefan L. Coleman	Norfolk Academy

## CONSUMER SCIENCE 'B'

Honorable Mention:	Bryan E. Hartenberg	Tuckahoe Middle School
Honorable Mention:	Robert B. Kolick	Williamsburg Middle School
Honorable Mention:	Melanie P. Loftus	Yorktown High School
Third Place:	Amber K. Felts	Cave Spring High School
Second Place:	Stacy E. Frances	J.R. Tucker High School
First Place:	Brian C. Gross	Cave Spring High School

## CONSUMER SCIENCE 'C'

Honorable Mention:	Catherine C. Mullins	Tuckahoe Middle School
Honorable Mention:	Daniel J. Park	Williamsburg Middle School
Honorable Mention:	David W. Rakestraw	Southwest Virginia Governor's S.
Third Place:	Gregory C. Nightingale	Williamsburg Middle School
Second Place:	Emily V. Paarmann	Chickahominy Middle School
First Place:	Jennifer E. Miller	Gloucester High School

## CONSUMER SCIENCE 'D'

Honorable Mention:	Joanna M. Sarsfield	Harry F. Byrd Middle School
Honorable Mention:	Garrett D. Urban	Harry F. Byrd Middle School
Honorable Mention:	Joseph G. Whitley	Isle of Wight Academy
Third Place:	Michael H. Wall	Norfolk Academy
Second Place:	Judith A. Topich	James River High School
First Place:	Rebekka O. Sprouse	Atlee High School

EARTH AND SPACE SCIENCE

Honorable Mention:	Heather L. Kraus	Isle of Wight Academy
Honorable Mention:	Meredith A. Whitley	Gloucester High School
Honorable Mention:	Molly C. Wotcik	Yorktown High School
Third Place:	Jessica L. Debusk	Southwest Virginia Governor's S.
Second Place:	Shane C. Smith	Roanoke Valley Governor's S.
First Place:	Alexander N. Pyke	Yorktown High School

ENGINEERING 'A'

Honorable Mention:	James D. Dixon	Cave Spring High School
Honorable Mention:	Lauren M. Edgar	Yorktown High School
Honorable Mention:	Andrew J. Hutsell	Yorktown High School
Third Place:	Kevin L. Cross	Gloucester High School
Second Place:	Eli T. Crownover	Williamsburg Middle School
First Place:	Jakob B. Harmon	Atlee High School

ENGINEERING 'B'

Honorable Mention	Erin M. Sparnon	Yorktown High School
Honorable Mention:	Patrick J. Walsh	H.B. Woodlawn
Honorable Mention:	Elisabeth A. Miller	Roanoke Valley Governor's S.
Third Place:	David D. Wilson, Zach D. Burt, David Keiser	Roanoke Valley Governor's S.
Second Place:	Graham B. Rollins, Shawn P. O'Hargan	Cave Spring High School
First Place	Emelia M. Spencer, Brian W. Graves, Julia A. Bright	Roanoke Valley Governor's S.

ENVIRONMENTAL SCIENCE 'A'

Honorable Mention:	Rebecca A. Brooks	Menchville High School
Honorable Mention:	Matthew G. Eddy	Washington-Lee High School
Honorable Mention:	Jared D. Edgar	Central Virginia Governor's S.
Third Place:	Emily J. Fraker	H.B. Woodlawn
Second Place:	Caroline L. Burnet	Warwick High School
First Place:	Joshua T. Dietz	Roanoke Valley Governor's S.

ENVIRONMENTAL SCIENCE 'B'

Honorable Mention:	Lee A. Greenwood	Yorktown High School
Honorable Mention:	Thomas L. Harmon	Atlee High School
Honorable Mention:	Carrie E. Iamuzi	Maury High School
Third Place:	Abhishek Gupta	Douglas Freeman High School
Second Place:	Matthew W. King	Gloucester High School
First Place:	Alexander C. Herzick	Gloucester High School

## ENVIRONMENTAL SCIENCE 'C'

Honorable Mention:	Alexander L. Miller	Gloucester High School
Honorable Mention:	Arash Mostaghimi, Azeem Sherali	Blacksburg High School
Honorable Mention:	Elizabeth M. Rhodes	Roanoke Valley Governor's S.
Third Place:	Mary E. Matyskiela	Thomas Jefferson HS for Science & Tech
Second Place:	Naveen K. Rao	Mills E. Godwin High School
First Place:	Eric C. Moore	Gloucester High School

## ENVIRONMENTAL SCIENCE 'D'

Honorable Mention:	Alex R. Seamon	Roanoke Valley Governor's S.
Honorable Mention:	Caitlin A. Swain	Roanoke Valley Governor's S.
Honorable Mention:	Christopher S. Wynne	Bishop O'Connell High School
Third Place:	Morgan R. Wood	Dozier Middle School
Second Place:	Tyler L. St. Clair	Poquoson Middle School
First Place:	Tiffany M. Smith	Petersburg High School

## GENETICS AND CELLULAR BIOLOGY

Honorable Mention:	Katie R. Foster	Swanson Middle School
Honorable Mention:	Salim H. Ahmed	Thomas Jefferson HS for Science & Tech
Honorable Mention:	Latrissia L. Archer	Southwest Virginia Governor's S.
Third Place:	Sumeet Sarin	Blacksburg High School
Second Place:	Sherry L. Forbes	Central Virginia Governor's S.
First Place:	Jessica D. Kessler	Mills E. Godwin High School

## MATHEMATICS AND STATISTICS

Honorable Mention:	Loren K. Hoffman	Governor's School for Gov't & Int'l Studies
Honorable Mention:	Chris K. Storm	Woodberry Forest School
Honorable Mention:	Jacob G. Foster	Woodberry Forest School
Third Place:	Grace Hou	Poquoson Middle School
Second Place:	Jennifer K. Murrill	Atlee High School
First Place:	Nick B. Carter	Governor's School for Gov't & Int'l Studies

## MEDICINE AND HEALTH 'A'

Honorable Mention:	Sarah E. Brown	Yorktown High School
Honorable Mention:	Sarah P. Bryan	Gloucester High School
Third Place:	Matthew F. Branch, John R. Knapp, David W. Spencer	Magnet School for the Science and Health Professions
Second Place:	Hannan I Ahmed	Wakefield High School
First Place:	James F. Cahoon	Maury High School

## MEDICINE AND HEALTH 'B'

Honorable Mention:	Christopher M. Lahy	Tuckahoe Middle School
Honorable Mention:	Konstantin Y. Lantsman	Tuckahoe Middle School
Honorable Mention:	Catherine R. Lewis	Mills E. Godwin High School
Third Place:	Alexa J. Merchant	Mills E. Godwin High School
Second Place:	Sara C. Leavitt	Yorktown High School
First Place:	Nisha Nagarkatti	Blacksburg High School

## MEDICINE AND HEALTH 'C'

Honorable Mention:	Kelly L. Shea	Gloucester High School
Honorable Mention:	Veronica Sikka	Governor's School for Gov't & Int'l Studies
Honorable Mention:	Angela M. Wiseman	Southwest Virginia Governor's S.
Third Place:	Mythili G. Rao	Poquoson Middle School
Second Place:	Kara R. Pond	Governor's School for Gov't & Int'l Studies
First Place:	Lien T. Phan	Bethel High School

## MICROBIOLOGY 'A'

Honorable Mention:	Matthew H. Cahir	Bishop O'Connell High School
Honorable Mention:	Johny John	Roanoke Valley Governor's S.
Honorable Mention:	Bethany C. Lobo	Hines Middle School
Third Place:	James J. Buchino	Bishop O'Connell High School
Second Place:	Hillary D. Major	Atlee High School
First Place:	Melissa A. Larkin	Chesterfield Co. Math & Science High School

## MICROBIOLOGY 'B'

Honorable Mention:	Tiffany N. Nightengale	Warwick High School
Honorable Mention:	Brian M. Perkins, Daniel G. Jones	Hines Middle School
Honorable Mention:	Meredith K. Rogers	Bishop O'Connell High School
Third Place:	Amr S. Ragab	Blacksburg High School
Second Place:	Praveen K. Rao	Mills E. Godwin High School
First Place:	Minh-Hai Tran-Lam	Atlee High School

## PHYSICS 'A'

Honorable Mention:	Kevin R. Cahill	Swanson Middle School
Honorable Mention:	Dean L. Camp	Tuckahoe Middle School
Honorable Mention:	Robert P. Cannon	Bishop O'Connell High School
Third Place:	David J. Bloomberg	Yorktown High School
Second Place:	Brain S. Dean	Tuckahoe Middle School
First Place:	Clinton M. Davis	Chesterfield Co. Math & Science High School

## PHYSICS 'B'

Honorable Mention:	Daniel P. Harlan	Swanson Middle School
Honorable Mention:	Kevin E. Hechtkopf	Yorktown High School
Honorable Mention:	Jason R. Murray	Tuckahoe Middle School
Third Place:	Michael A. McCartin	Yorktown High School
Second Place:	Brent J. Evans	New Horizons Governor's S.
First Place:	Rebecca M. Kallem	Yorktown High School

## PHYSICS 'C'

Honorable Mention:	Lauren D. Russo	Roanoke Valley Governor's S.
Honorable Mention:	John W. Sells	Governor's School for Gov't & Int'l Studies
Honorable Mention:	Haider Sharifi	Washington-Lee High School
Third Place:	Lindsey A. von Kaenel	Thomas Jefferson Middle School
Second Place:	Mary W. Vause	Menchville High School
First Place:	Jamie L. Williams	Central Virginia Governor's S.

## PSYCHOLOGY - GENERAL

Honorable Mention:	Kathryn D. Hively	Atlee High School
Honorable Mention:	Sharon S. Lynch	Yorktown High School
Honorable Mention:	Tommy D. Siegel	Tuckahoe Middle School
Third Place:	Laura A. Clark	Governor's School for Gov't & Int'l Studies
Second Place:	Maura C. Walz	Governor's School for Gov't & Int'l Studies
First Place:	Samantha V. Debicki	Yorktown High School

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

Honorable Mention:	Andrew C. Barr	Tuckahoe Middle School
Honorable Mention:	Nancy C. Brothers	Chesterfield Co. Math & Science High School
Honorable Mention:	Angela M. Garcia	Washington-Lee High School
Third Place:	Justin J. Green	Yorktown High School
Second Place:	Taylor M. Beck	Tuckahoe Middle School
First Place:	Kevin M. Ennis	Chesterfield Co. Math & Science High School

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

Honorable Mention:	Chandani K. Kohli	Chesterfield Co. Math & Science High School
Honorable Mention:	Mollie C. Marr	Governor's School for Gov't & Int'l Studies
Honorable Mention:	Michelle M. Mattson	Gloucester High School
Third Place:	Theresa A. Mcculla	Governor's School for Gov't & Int'l Studies
Second Place:	Karla L. Malloy	Mills E. Godwin High School
First Place:	Gena Kolin	Washington-Lee High School

PSYCHOLOGY - LEARNING & PERCEPTION 'C'

Honorable Mention:	Elaine M. Pour	Atlee High School
Honorable Mention:	Abigail L. Robbins	Tuckahoe Middle School
Honorable Mention:	Frances M. Webb	Central Virginia Governor's S.
Third Place:	James R. Sagar	Yorktown High School
Second Place:	Edward F. Southern, III	Southwest Virginia Governor's S.
First Place:	Sara N. Tsuchitani	Yorktown High School

PSYCHOLOGY - SOCIAL

Honorable Mention:	Emily K. Anthes	Yorktown High School
Honorable Mention:	Roger S. Kuo	Governor's School for Gov't & Int'l Studies
Honorable Mention:	Jodi M. Steiger	Norfolk Academy
Third Place:	Brian D. Walsh	Chesterfield Co. Math & Science High School
Second Place:	Katie Rutter, Rachel Copperman	Yorktown High School
First Place:	Alison V. Rapp	Yorktown High School

ZOOLOGY 'A'

Honorable Mention:	Peter T. Boyer	Gloucester High School
Third Place:	William E. Brenzovich, Jr.	Atlee High School
Second Place:	Tiffany M. Lane	Central Virginia Governor's S.
First Place:	Jennifer N. Lewis	Gloucester High School

ZOOLOGY 'B'

Honorable Mention:	Shannon M. Scott	Chesterfield Co. Math & Science High School
Honorable Mention:	Brittany M. Timmons	Chickahominy Middle School
Honorable Mention:	Ngoc B. Vu	Gloucester High School
Third Place:	Cathy N. Young	Chickahominy Middle School
Second Place:	Anh-Chi T. Phan	J.r. Tucker High School
First Place:	Brittany A. Peterson	Yorktown High School

SPECIAL AWARDS

Botany Section Award, Given by the Botany Section of the VAS, to the best paper on a botanical subject. (\$75.00)

Jessica L. Burton  
New Horizons Governor's School



VJAS Neuroscience Awards supported by the Virginia Neurological Society and the Auxilliary of the Virginia Neurological Society are given to four outstanding papers in the field of neuroscience (\$75.00 Each).

Ashwin Nambiar  
Atlee High School

Emily K. Smith  
Bishop O'Connell High School

Sara N. Tsuchitani  
Yorktown High School

Frances Webb  
Central Virginia Governor's School

Mathematics, Computer, and Statistics Award for the paper that evidences the most significant contribution in the field of mathematics. (\$100.00)

Nick B. Carter  
Governor's School for Gov't & Int'l Studies

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. (\$50.00)

Alexa J. Merchant  
Mills E. Godwin High School

Roscoe Hughes Award for the best paper in the field of genetics (\$100.00)

Jessica 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.(\$100.00)

Stephanie A. Horney  
Southwest Virginia Governor's School

The Dr. and Mrs. Preston H. Leake Award in Applied Chemistry (\$200.00) 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.

Alexa J. Merchant  
Mills E. Godwin High School

Russell J. Rowlett Award for the Best research paper of the year. (\$100.00)

Clinton M. Davis  
Chesterfield Co. Math & Science High School

The Virginia Psychological Foundation Meritorious Research Awards recognize outstanding presentations of research in the various fields of psychology. Each award includes a prize of \$75.00.

Samantha V. Debicki  
Yorktown High School

Kevin M. Ennis  
Chesterfield Co. Math & Science High School

Gena Kolin  
Washington-Lee High School

Sara N. Tsuchitani  
Yorktown High School

Alison V. Rapp  
Yorktown High School

Virginia Sea Grant College Program Award is given by the Virginia Sea Grant College Program for outstanding marine or coastal research. (\$100.00)

Alex Herzick  
Gloucester High School

**American Cancer Society Award** - This award is to recognize outstanding science papers related to cancer research. A certificate to each and to 1st Place - \$500, 2nd Place \$300, 3rd Place \$125, and Honorable Mention \$75. There will be a ribbon with a pin for each winner. These awards are provided by the American Cancer Society (Virginia Council). These awards are being presented by Erika Bloom, Cancer Prevention, Vienna Office and Dr. Richard B. Brandt, member, Virginia Council American Cancer Society Board of Directors.

Honorable Mention - (\$75)

Nisha Nagarkatti

Blacksburg High School

Third Place - (\$125)

Catherine R. Lewis

Mills E. Godwin High School

Second Place - (\$300)

Alexa J. Merchant

Mills E. Godwin High School

First Place - (\$500)

Jessica Kessler

Mills E. Godwin High School

**The Gamma Sigma Delta Award (Agriculture).** Presented by the VPI & SU Chapter of the Honor Society of Agriculture. This Award of \$100 is presented in recognition of excellence in research dealing with application of new technologies and/or concepts in agriculture forestry, or veterinary medicine.

Jeanetta Walters

Southwest Virginia Governor's 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 \$500.00 savings bond will be presented to the best engineering paper.

Jacob B. Harmon

Atlee High 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.

Adam Shipp

Williamsburg Middle School

Trip to AJAS - AAAS Meeting for two students and two alternates for presenting outstanding papers. The 1997 meeting will be held in Feb. In Anaheim, CA.

Winner

Jessica Kessler

Mills E. Godwin High School

Winner

Eric C. Moore

Gloucester High School

Alternate:

Veronica Sikka

Governor's School for Gov't & Int'l Studies

Alternate:

Brittany A. Peterson

Yorktown High School

Honorary Membership - AAAS Given to two students.

Meredith Bailey

Douglas Freeman High School

Tom Harmon

Atlee High School

Honorary Membership - VAS Given to a student.

Eleanor Wenger

Maury 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.

Nisha Nagarkatti

Blacksburg High School

Frances and Sydney Lewis Environmental Scholarship: A \$14,000 Scholarship (\$3,500 per Year for Four Years) 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.

Alex Herzick

Gloucester High School

E.C.L. Miller Science Teacher of the Year award is given to an outstanding science teacher. An all-expense-paid trip to next year's AAAS which will be in Anaheim, CA.

Sybil Young

Gildersleeve 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.

Donald R. Cottingham