VIRGINIA JUNIOR ACADEMY OF SCIENCE AWARDS

AGRICULTURAL AND ANIMAL SCIENCE

Honorable Mention: JULIA K. STOLBERG AND RACHEL E. KALLEM  
Yorktown High School
Third Place: LAURA L. SPRAGUE  
Tuckahoe Middle School
Second Place: KATHERINE A. HOWELL  
James River High School
First Place: ZACHARY J. CAPPELLO  
Lee-Davis High School

ANIMAL BEHAVIOR (ETHOLOGY)

Honorable Mention: TRACEY K. GRIFFITH  
Goochland High School
Honorable Mention: MARY BETH S. JOHNSON  
Tuckahoe Middle School
Third Place: CAROLINE K. HEGGIE  
Tuckahoe Middle School
Second Place: VALERIE M. HOANG  
Mills E. Godwin High School
First Place: KARA L. CAPELLI  
Atlee High School

BOTANY A

Honorable Mention: ROGER B. ARNOLD, JR.  
Tuckahoe Middle School
Honorable Mention: NATALIE T. CLAVON  
Central Virginia Governor’s School
Third Place: KATHERINE M. FOSTER  
Yorktown High School
Second Place: WREN ELHAI  
Maggie L. Walker Governor’s School
First Place: TREVOR E. CORBIN  
Harry F. Byrd Middle School
BOTANY B

Honorable Mention: SEAN C. KITCHEN
Tuckahoe Middle School

Honorable Mention: THOMAS R. MALLORY
Patrick Henry High School

Honorable Mention: KATHERINE A. PUCKETT
Manchester Middle School

Third Place: SARAH K. GALLAGHER
Central Virginia Governor’s School

Second Place: MAYA I. MACKRANILAL
Yorktown High School

First Place: ROBERT L. GREEN
Central Virginia Governor’s School

BOTANY C

Honorable Mention: REBECCA E. SLOANE
Chickahominy Middle School

Honorable Mention: EMILY W. WHITTET
Tuckahoe Middle School

Third Place: ELLEN A. YOUNG
Maggie L. Walker Governor’s School

Second Place: KATHERINE A. RUBIDA
Washington-Lee High School

First Place: EMILY C. SMITH
Southwest Virginia Governor’s School

CHEMISTRY A

Honorable Mention: NICHOLAS M. BIRASA
Swanson Middle School

Honorable Mention: JAN MARIE HEWITT
Summit Christian Academy

Honorable Mention: SHELLY L. JONES
Warwick High School

Third Place: ANN C. KIRCHMAN
Central Shenandoah Valley Governor’s School

Second Place: SCOTT W. DECKER
Mathematics and Science High School at Clover Hill

First Place: JONATHAN S. CHAN
Mathematics and Science High School at Clover Hill
CHEMISTRY B

Honorable Mention: ANTHONY P. LEONARD
Southwest Virginia Governor’s School
Honorable Mention: SARAH MCCLENDON
George H. Moody Middle School
Honorable Mention: WYLIE B. PENNELL
Warwick High School
Third Place: JAMES V. PECK, IV
Harry F. Byrd Middle School
Second Place: DAVID MINASKANIAN
Mills E. Godwin High School
First Place: JASON A. NG
Yorktown High School

CHEMISTRY C

Honorable Mention: SARA J. RIPPEL
James River High School
Honorable Mention: SOHINI SIRCAR
Harry F. Byrd Middle School
Honorable Mention: KIMBERLY A. STAIB AND CHRISTINA H. WALES
West Potomac High School
Third Place: NIRAJA SATHYANARAYANAN
Mills E. Godwin High School
Second Place: M. HUNTER WITT
Gildersleeve Middle School
First Place: ROBERT L. THOMAS
Yorktown High School

COMPUTER SCIENCE

Honorable Mention: WASEEM S. DAHER
Yorktown High School
Honorable Mention: RYAN C. MCKENZIE
Ocean Lakes High School
Honorable Mention: TAUHIDUL HOGUE
Yorktown High School
Third Place: DREW G. STEPHENS
Yorktown High School
Second Place: MICHAEL J. DOBBS
Yorktown High School
First Place: MATTHEW S. BIGELOW
Central Shenandoah Valley Governor’s School
CONSUMER SCIENCE A

Honorable Mention: JUSTIN M. BRECKLEY AND ROBERT A. DORFMAN
Gildersleeve Middle School

Honorable Mention: MATTHEW R. CAPELLI
Oak Knoll Middle School

Honorable Mention: RITA L. DIGRAZIA AND JAIME A. GOLDBERG
James River High School

Third Place: SARAH M. COUSINS
Maggie L. Walker Governor’s School

Second Place: VANESSA P. CRANDALL
Central Shenandoah Valley Governor’s School

First Place: ABIGAIL V. BROWN AND MARISSA L. LEVENDIS
Yorktown High School

CONSUMER SCIENCE B

Honorable Mention: ASAKO KUBOTA
Cave Spring High School

Honorable Mention: MARY E. GAYLE
Chickahominy Middle School

Honorable Mention: KRISTIN M. MELNYCZUK
Central Shenandoah Valley Governor’s School

Third Place: EMILY M. GREENE
Central Shenandoah Valley Governor’s School

Second Place: ERIK W. HAUG
Central Shenandoah Valley Governor’s School

First Place: MICHAEL R. LANDIS
Chickahominy Middle School

CONSUMER SCIENCE C

Honorable Mention: SARAH K. PETERS
James River High School

Honorable Mention: HOLLI S. REEVES
Mills E. Godwin High School

Honorable Mention: OLGA R. SHERMAN
Mills E. Godwin High School

Third Place: ARJUN MUTHU
Maggie L. Walker Governor’s School

Second Place: BRITTANY L. VASCIK
Cave Spring High School

First Place: MATTHEW S. PELTZ
Gildersleeve Middle School
EARTH AND SPACE SCIENCE

Honorable Mention: RACHEL L. BEATON  
Central Virginia Governor’s School

Honorable Mention: ANDREW V. GARDEN  
Woodrow Wilson Middle School

Honorable Mention: KYLE G. PRESSEL  
Mills E. Godwin High School

Third Place: SHELLY T. DEVEREAUX  
Southwest Virginia Governor’s School

Second Place: ANEESH K. VENKAT  
New Horizons Governor’s School

First Place: LAURA G. GAMSE  
Yorktown High School

ENGINEERING A

Honorable Mention: COREY A. BARNES  
Central Virginia Governor’s School

Honorable Mention: IAN K. BARNES  
Gildersleeve Middle School

Honorable Mention: JAMES R. DAVIS  
Central Shenandoah Valley Governor’s School

Third Place: JEREMY S. GRABOYES  
Maggie L. Walker Governor’s School

Second Place: BETH R. ENGLAND  
Williamsburg Middle School

First Place: CHRISTY E. CLAPP  
Lloyd C. Bird High School

ENGINEERING B

Honorable Mention: MATTHEW T. ROY  
Mathematics and Science High School at Clover Hill

Honorable Mention: BRANDON R. SMITH  
Lloyd C. Bird High School

Honorable Mention: CHANTE’ M. STUBBS  
Crittenden Middle School

Third Place: BRANDON J. MURRILL  
Mills E. Godwin High School

Second Place: GEORGE S. TARASIDIS  
James River High School

First Place: THOMAS MORIE  
Williamsburg Middle School
ENVIRONMENTAL SCIENCE A

Honorable Mention: JEAN M. FOLSOM
Yorktown High School

Third Place: RAVI DEEPAK
Poquoson High School

Second Place: MATTHEW G. COLLINS
Cave Spring High School

First Place: CURTIS C. COPELAND
Gloucester High School

ENVIRONMENTAL SCIENCE B

Honorable Mention: AUSTIN K. GIBSON
Central Shenandoah Valley Governor’s School

Honorable Mention: MYLES K. GLANCY
Mills E. Godwin High School

Honorable Mention: MRINAL R. MENON
Maggie L. Walker Governor’s School

Third Place: JENNA L. MAXFIELD
Atlee High School

Second Place: JOANN E. KELLY
Gloucester High School

First Place: RUTH A. HALL
Mills E. Godwin High School

ENVIRONMENTAL SCIENCE C

Honorable Mention: ALYSSA J. MULLINS
Manchester Middle School

Honorable Mention: JESSICA L. RIPLEY
Chesapeake Bay Governor’s School

Honorable Mention: KRISTA L. ROOP
Mills E. Godwin High School

Third Place: NATHAN H. RAINES
Yorktown High School

Second Place: ANDREW P. SCHUKMAN
Mills E. Godwin High School

First Place: JONATHAN D. RAMALEY
Warwick High School
ENVIRONMENTAL SCIENCE D

Honorable Mention: ERICA D. SIEGMUND
Maggie L. Walker Governor’s School
Honorable Mention: CHRISTOPHER R. SIMPSON
Central Virginia Governor’s School
Honorable Mention: KAMBER VITTORI AND MARGARET SAUNDERS
Warwick High School
Third Place: ANDREW R. SPOTTS
Mills E. Godwin High School
Second Place: ANEESH K. VENKAT
New Horizons Governor’s School
First Place: MATTHEW E. WALKER
Mills E. Godwin High School

GENETICS AND CELLULAR BIOLOGY

Honorable Mention: NISHA F. LIGON
Maggie L. Walker Governor’s School
Honorable Mention: NAOMI E. ROSS
Yorktown High School
Honorable Mention: LANA M. SHAHMORADIAN
Mills E. Godwin High School
Third Place: KELSEY L. TAYLOR
Yorktown High School
Second Place: DANIEL B. FISHER
Stonewall Jackson Middle School
First Place: MARISSA R. KESSLER
Mills E. Godwin High School

MATHEMATICS

Honorable Mention: AUSTIN P. CRISPENS
Mathematics and Science High School at Clover Hill
Third Place: EMILY S. WREN
Yorktown High School
Second Place: ANKIT JAIN
Mills E. Godwin High School
First Place: LYRIC P. DOSHI AND JOSEPH E. GONZALEZ
Maggie L. Walker Governor’s School
MEDICINE AND HEALTH A

Honorable Mention: SARAH A. BENSON
Thomas Jefferson High School for Science and Technology

Honorable Mention: ERICA A. BROTZMAN
Harry F. Byrd Middle School

Honorable Mention: SOLON CHOI
Mathematics and Science High School at Clover Hill

Third Place: CAREY C. ARCHER
Mills E. Godwin High School

Second Place: VICTORIA L. CHIOU
Maggie L. Walker Governor’s School

First Place: DAVID K. BAUMGARTEN
Collegiate School

MEDICINE AND HEALTH B

Honorable Mention: ARIEL R. GERBER
Mills E. Godwin High School

Honorable Mention: KATELYN R. GOOD
Manchester Middle School

Honorable Mention: JAMES N. HOKE
Maggie L. Walker Governor’s School

Third Place: LINDA K. EVANS
Central Virginia Governor’s School

Second Place: LINDSEY N. JONES
Central Virginia Governor’s School

First Place: SVETLANA Y. LANTSMAN
Mills E. Godwin High School

MEDICINE AND HEALTH C

Honorable Mention: JULIE C. NOBLE
Yorktown High School

Honorable Mention: GAURI R. RAVAL
Mills E. Godwin High School

Honorable Mention: NAMRATA VERMA
New Horizons Governor’s School

Third Place: SURAVI SIRCAR
Mills E. Godwin High School

Second Place: MICHELLE S. OH
Thomas Jefferson High School for Science and Technology

First Place: ONO U. NSEYO
Mills E. Godwin High School
MICROBIOLOGY A

Honorable Mention: SARAH E. BOMAN
Central Virginia Governor’s School

Honorable Mention: CONOR J. FRACKLETON
Central Virginia Governor’s School

Honorable Mention: JEREMY S. GRABOYES
Maggie L. Walker Governor’s School

Third Place: XAVIER W. BELCHER
Huguenot High School

Second Place: LAURA E. BLACK
Yorktown High School

First Place: PETER D. HOGGE
Gloucester High School

MICROBIOLOGY B

Honorable Mention: DAVID H. KELLAM
Ocean Lakes High School

Honorable Mention: KEVIN M. MALLON AND SEAMUS D. LYNCH
Washington-Lee High School

Honorable Mention: RAYMOND L. PLAMER, JR.
Varina High School

Third Place: JASMINE C. MAJOR
Hermitage High School

Second Place: DEVON M. MILLER
Tuckahoe Middle School

First Place: NEEL K. RAI
Maggie L. Walker Governor’s School

PHYSICS A

Honorable Mention: ERIC J.P. ACHESON AND VICTOR A. DROPIK
Swanson Middle School

Honorable Mention: BENJAMIN P. CERTNER
Tuckahoe Middle School

Honorable Mention: REBECCA L. EFFRON
Harry F. Byrd Middle School

Third Place: BAIJU D. BHATT
Poquoson High School

Second Place: ANDREA R. ENGLAND
Southwest Virginia Governor’s School

First Place: MELISSA A. DISKIN
Gildersleeve Middle School
PHYSICS B

Honorable Mention: PETER L. HARLAN
Yorktown High School

Honorable Mention: CHRIS G. HINCKER
Woodrow Wilson Middle School

Honorable Mention: KELLY M. O’BRIANT
Swanson Middle School

Third Place: DANIEL P. HARLAN
Yorktown High School

Second Place: DEREK S.Y. MILLER
Maggie L. Walker Governor’s School

First Place: GRACE C. HOU
New Horizons Governor’s School

PHYSICS C

Honorable Mention: JACQUELINE K. RODERICK
Warwick High School

Honorable Mention: BARBARA J. WARD
Mathematics and Science High School at Clover Hill

Honorable Mention: RACHEL E. WATSON
Gildersleeve Middle School

Third Place: ANNA M. PAVLUK
Yorktown High School

Second Place: STEPHEN P. SOJKA
Mills E. Godwin High School

First Place: XUN Y. ZHU
Manchester Middle School

PSYCHOLOGY - GENERAL

Honorable Mention: COLLEEN E. KARAFFA
Central Shenandoah Valley Governor’s School

Honorable Mention: LARISSA C. MOUNT
Washington-Lee High School

Honorable Mention: KATHLEEN NORLAND
Yorktown High School

Third Place: TRACY L. JENNINGS
George H. Moody Middle School

Second Place: KYLE H. DALY
Central Virginia Governor’s School

First Place: CAROLINE A. DULANEY
H.B. Woodlawn
PSYCHOLOGY - LEARNING & PERCEPTION A

Honorable Mention: MEREDITH L. COCKS
Yorktown High School
Honorable Mention: RACHEL V. KLING
Tuckahoe Middle School
Third Place: VICTORIA CHILDRESS
Mills E. Godwin High School
Second Place: MELANIE A. DAVIS
Central Virginia Governor’s School
First Place: JULIE M. KRAFT
Stonewall Jackson Middle School

PSYCHOLOGY - LEARNING & PERCEPTION B

Honorable Mention: BRITTANY N. NEWELL
J.R. Tucker High School
Honorable Mention: JANANI SUNDAR
Mills E. Godwin High School
Honorable Mention: JOHN R. WALK
Tuckahoe Middle School
Third Place: KRISTIN E. PANKE AND JENNA R. ALLEN
Yorktown High School
Second Place: AMANDA A. TRAYNHAM
Central Shenandoah Valley Governor’s School
First Place: WILLIAM L. TUFTS
Central Shenandoah Valley Governor’s School

PSYCHOLOGY - SOCIAL

Honorable Mention: JEREMY D. KIDD
Southwest Virginia Governor’s School
Honorable Mention: NICOLE A. THOMAS AND MAEGEN C. SMITH
Atlee High School
Honorable Mention: SARAH E. ULMER
George H. Moody Middle School
Third Place: ALEXANDRA E. JATRAS
Yorktown High School
Second Place: RACHEL L. CARTER
Tuckahoe Middle School
First Place: THOMAS A. BERENATO
Blacksburg High School
STATISTICS

Third Place: CHRISTOPHER U. EMBA
Mills E. Godwin High School
Second Place: KATHERINE MURTHA
Yorktown High School
First Place: VICTOR D. FEDOROV
Mills E. Godwin High School

ZOOLOGY A

Honorable Mention: EMILY K. HESALTINE
Mills E. Godwin High School
Honorable Mention: THOMAS D. JOHNSON
Mary L. Passage Middle School
Third Place: SAVANNAH M. FETTEROLF AND MEAGAN WILKINS
Hayfield High School
Second Place: CHARLES S. JOHNSON
Southwest Virginia Governor’s School
First Place: DAVID A. GIBBS
H.B. Woodlawn

ZOOLOGY B

Honorable Mention: DAVID J. NYCZEPIR
Manchester Middle School
Honorable Mention: ERIN B. STRANG
Lee-Davis High School
Third Place: LOUISE A. MONTGOMERY
Yorktown High School
Second Place: CHIDI J. ONYESO
Mills E. Godwin High School
First Place: MAEGAN J. MICHAEL
Mills E. Godwin High School

SPECIAL AWARDS

Botany Section Award, given by the Botany Section of the VAS, to the best paper on a botanical subject. ($200.00)
ROBERT L. GREEN
Central Virginia Governor’s School
VJAS Neuroscience Awards supported by the Virginia Neurological Society and the Auxiliary of the Virginia Neurological Society are given to up to four outstanding papers in the field of neuroscience ($100.00 each).

VICTORIA L. CHIOU
Maggie L. Walker Governor’s School

Speleological Society Award given to the best paper addressing karst or topics related to speleology given by the Richmond Area Speleological Society. ($500.00)

PETER GRIMALDI AND PATRICK RAINEY
Yorktown High School

Mathematics Award for the paper that evidences the most significant contribution in the field of Mathematics. ($200.00)

LYRIC P. DOSHI AND JOSEPH GONZALES
Maggie L. Walker Governor’s School

Statistics Award for the paper that evidences the most significant contribution in the field of Mathematics. ($200.00)

VICTOR D. FEDOROV
Mills E. Godwin High School

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)

NEEL RAI
Maggie L. Walker Governor’s School

Roscoe Hughes Award for the best paper in the field of Genetics. ($200.00)

KELSEY L. TAYLOR
Yorktown High School

Rodney C. Berry Chemistry Award for the paper that evidences the most significant contribution in the field of chemistry. ($400.00)

JASON A. NG
Yorktown 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. ($200.00)

GAURI RAVAL
Mills E. Godwin High School

Russell J. Rowlett Award for the Best Research Paper of the Year. ($300.00)

DAVID K. BAUMGARTEN
Collegiate 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 $100.00.

CAROLINE DULANEY  
H.B. Woodlawn  
JULIE M. KRAFT  
Stonewall Jackson Middle School  
WILLIAM L. TUFTS  
Central Shenandoah Valley Governor’s School  
THOMAS A. BERENATO  
Blacksburg High School

Virginia Sea Grant College Program Award is given by the Virginia Sea Grant College Program for outstanding marine or coastal research. ($125.00)  
JOANN E. KELLY  
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 Council).  
Honorable Mention - ($50)  
GAURI RAVAL  
Mills E. Godwin High School  
Third Place - ($100)  
PETER GRIMALDI AND PATRICK RAINNEY  
Yorktown High School  
First Place - ($400)  
KONSTANTIN Y. LANTSMAN  
Maggie L. Walker Governor’s 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. ($100.00)  
ZACHARY J. CAPPELLO  
Lee-Davis High School

Dominion - W.W. Berry Award. This award is given by Dominion Virginia 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.

CHRISTY E. CLAPP  
Lloyd C. Bird 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. ($75)

KELLY O’BRIANT
Swanson Middle School

The Ann M. Hancock Award - This award is given to the best paper in genetics and is given in memory of Anne 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. Whitney Hancock, granddaughter of Ann Hancock, presented the award. ($200)

MARISSA R. KESSLER
Mills E. Godwin High School

Dorothy Knowlton Award - This award is given to the best paper in the Consumer Science section(s) and is given in honor of Dorothy Knowlton, former Science Coordinator of Arlington County Schools. ($75)

JORDAN EFFRON
Mills E. Godwin High School

VABE Award - This award is presented by the Virginia Association of Biology Educators and is given for outstanding research in the Zoology section(s). ($50) This award presented by Marion Lobstein.

DAVID A. GIBBS
H.B. Woodlawn
MAEGAN J. MICHAEL
Mills E. Godwin High School

Trip to AJAS - AAAS Meeting for two students and two alternates for presenting outstanding papers. The 1999 meeting will be held in Feb. in Denver.

Winner: ZACHARY CAPPELLO
Lee-Davis High School

Winner: PETER HOGGE
Gloucester High School

Alternate: JONATHAN RAMALEY
Warwick High School

Alternate: THOMAS MORIE
Williamsburg Middle School

Honorary Membership - AAAS given to two students.

WHIT SALIBA
Patrick Henry High School
BOB HSIA
Mills E. Godwin High School
Honorary Membership - VAS given to a student.

ERIN FRACKLETON
University of Virginia

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 student's presentation and paper.

MARISSA KESSLER
Mills E. Godwin 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.

CURTIS C. COPELAND
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 Denver.

PATRICIA COLTRANE
Warwick High School

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

JUDY UPCHURCH

President and officers election results
Secretary - Carrie DuLaney - H.B. Woodlawn
Vice President - Suravi Sirca - Godwin HS
President - Eric Nielsen - Maggie Walker Gov’s School