

AWARDS PRESENTED DURING THE VIRGINIA JUNIOR ACADEMY OF SCIENCE MEETING

AGRICULTURAL AND ANIMAL SCIENCE

Honorable Mention:	Marie O. Edwards	Lee-Davis High School
Honorable Mention:	Christopher L. Gunther	Monacan High School
Honorable Mention:	Jason G. Tice	Governor's School for Gov't & Int'l Studies
Third Place:	Suzanne F. Kirby	Southwest Virginia Governor's School
Second Place:	Christopher G. Roarty	Monacan High School
First Place:	Brian M. Green	Yorktown High School

ANIMAL BEHAVIOR (ETHOLOGY)

Honorable Mention:	Kimberly Costello	Yorktown High School
Honorable Mention:	Christie Sue Decker	J.R. Tucker High School
Honorable Mention:	Ashley M. Unger	Patrick Henry High School
Third Place:	Justin C. Miller	Williamsburg Middle School
Second Place:	Christopher F. Batten	Phoebus High School
First Place:	Alo C. Basu	Thomas Jefferson H. S. for Science and Technology

BOTANY 'A'

Honorable Mention:	Colin M. Beier	Ferguson High School
Honorable Mention:	Holly R. Brubaker	Lafayette High School
Honorable Mention:	Jessica R. Edwards	Governor's School for Gov't & Int'l Studies
Third Place:	Joseph A. Brenzovich	Chickahominy Middle School
Second Place:	Nikea T. Bland	Governor's School for Gov't & Int'l Studies
First Place:	M. Jafar Edjlali	Yorktown High School

BOTANY 'B'

Honorable Mention:	Christine M. Gibbs	Patrick Henry High School
Honorable Mention:	Heather L. Hough	Cave Spring High School
Honorable Mention:	Patricia Kao	Clover Hill High School
Third Place:	Sarah E. Horst	Stonewall Jackson Middle S.
Second Place:	Heather M. Franklin	Central Va. Governor's Shool
First Place:	Rachel C. Holsinger	Yorktown High School

BOTANY 'C'

Honorable Mention:	Amy E. Kidd	Central Va. Governor's School
Honorable Mention:	Nina F. Millin	H.B. Woodlawn
Honorable Mention:	Andrew H. O'bannon	Tuckahoe Middle School
Third Place:	Stephen N. Kirtley	Governor's School for Gov't & Int'l Studies
Second Place:	Esther Mecking	Menchville High School
First Place:	Kenneth D. Kuhn	Yorktown High School

BOTANY 'D'

Honorable Mention:	Lisa M. Scott	Richmond Community H. S.
Honorable Mention:	Siddhartha G. Shulka	Washington-Lee High School
Honorable Mention:	Kevin J. Will	H.B. Woodlawn
Third Place:	Stephen W. Tibbs	Central Va. Governor's School
Second Place:	Delia Viisoreanu	Thomas Jefferson Middle S.
First Place:	Carolyn D. White	Yorktown High School

CHEMISTRY 'A'

Honorable Mention:	James B. Cogbill	Monacan High School
Honorable Mention:	Brian S. Devane	Ferguson High School
Honorable Mention:	Tessa M. Doyle	Monacan High School
Third Place:	Hua Dai	Washington-Lee High School
Second Place:	William B. Focke	Thomas Jefferson High School for Science and Technology
First Place:	John A. Dooley	Thomas Jefferson High School for Science and Technology

CHEMISTRY 'B'

Honorable Mention:	Howard Y. Li	Thomas Jefferson HS for Science & Tech
Honorable Mention:	Karen L. Loane	Thomas Jefferson HS for Science & Tech
Honorable Mention:	Benjamin W. Rooker	Tabb High School
Third Place:	Hyun Jin Kim	Thomas Jefferson HS for Science & Tech
Second Place:	Michele H. Lee	Thomas Jefferson HS for Science & Tech
First Place:	Thinh H. Nguyen	Thomas Jefferson HS for Science & Tech

CHEMISTRY 'C'

Honorable Mention:	Jason S. Thweatt	Lloyd C. Bird High School
Honorable Mention:	Tyran N. Williams	H.B. Woodlawn
Honorable Mention:	Deborah I. Wright	Tabb High School
Third Place:	Latrice F. Walker	Magnet H. S. for Science and Health Professions
Second Place:	Jessica L. Shamblee	Liberty Middle School
First Place:	Min-wei Wang	Thomas Jefferson H. S. for Science and Technology

COMPUTER SCIENCE

Honorable Mention:	Jeffrey W. Grasty	Cave Spring High School
Honorable Mention:	Amber S. Jenkins	Southwest Va. Governor's S.
Honorable Mention:	Michael H. Schrag	Atlee High School
Third Place:	Sumit Kumar	New Horizons Governor's S.
Second Place:	Cyrus R. Eyster	Richmond Community H. S.
First Place:	Rex K. Min	Denbigh High School

CONSUMER SCIENCE 'A'

Honorable Mention:	Edward C. Cauthorn	Meadowbrook High School
Honorable Mention:	Forrest J. Clarke	Meadowbrook High School
Honorable Mention:	Sarah L. Coudron	Meadowbrook High School
Third Place:	Clarissa G. Green	Cave Spring High School
Second Place:	Rebecca A. Bladen	Washington-Lee High School
First Place:	Meredith A. Bailey	Tuckahoe Middle School

CONSUMER SCIENCE 'B'

Honorable Mention:	Elena N. Kwon	Monacan High School
Honorable Mention:	Rebecca L. Mckeel	Hines Middle School
Honorable Mention:	Jeremy Mckenna	Patrick Henry High School
Third Place:	Robert C. Heroy	Hampton Roads Academy
Second Place:	Chrisopher G. Herbert	H.B. Woodlawn
First Place:	Mary C. Moore	Yorktown High School

CONSUMER SCIENCE 'C'

Honorable Mention:	Michael W. Owens	Lee-Davis High School
Honorable Mention:	Gregory E. Schmidt	Atlee High School
Honorable Mention:	Karin R. Schwab	Atlee High School
Third Place:	Kimberly R. Steward	Swanson Middle School
Second Place:	Stacey L. Perkinson	Matoaca High School
First Place:	Jennifer J. Sherwood	Highland Springs High School

EARTH AND SPACE SCIENCE

Honorable Mention:	Kimberly N. Lowe	Cave Spring High School
Honorable Mention:	Kathryn M. Paulson	Gildersleeve Middle School
Honorable Mention:	Karla S. Williams	Thomas Jefferson High School for Science and Technology
Third Place:	Catherine L. Olivere	Kenmore Middle School
Second Place:	Ernst H. Kastning, iii	Radford High School
First Place:	Melanie S. Diez	Thomas Jefferson High School for Science and Technology

ENGINEERING 'A'

Honorable Mention:	Michael D. Barringer	Menchville High School
Honorable Mention:	Ronnie W. Callis	Warwick High School
Honorable Mention:	Stephen E. Chesley	Monacan High School
Third Place:	Dori M. Baker	Central Virginia Governor's S.
Second Place:	Andrea M. Barnhart	Roanoke Valley Governor's S.
First Place:	Felix H. Cheung	New Horizons Governor's S.

ENGINEERING 'B'

Honorable Mention:	Sarah H. McDermott	H.B. Woodlawn
Honorable Mention:	Shishir S. Mehrotra	Tabb High School
Honorable Mention:	Phillip B. Northam	Smithfield High School
Third Place:	Jose P. Velasquez	Yorktown High School
Second Place:	Daniela Y. Wotke	Denbigh High School
First Place:	Brooks Moses	Southwest Va. Governor's S.

ENVIRONMENTAL SCIENCE 'A'

Honorable Mention:	Kristi L. Alger	Roanoke Valley Governor's S.
Honorable Mention:	Christine S. Boutilier	Cave Spring High School
Honorable Mention:	Kathryn L. Brammer	Roanoke Valley Governor's S.
Third Place:	Catherine R. Adams	Central Virginia Governor's S.
Second Place:	Catherine T. Airey	Roanoke Valley Governor's S.
First Place:	David A. Bray	Warwick High School

ENVIRONMENTAL SCIENCE 'B'

Honorable Mention:	Jennifer L. Dale	Governor's School for Gov't & Int'l Studies
Honorable Mention:	Jennifer F. Daum	Patrick Henry High School
Honorable Mention:	Stephanie L. Demary	Monacan High School
Third Place:	Christina L. Clarkson	Roanoke Valley Governor's S.
Second Place:	Kenneth A. Fowler	Swanson Middle School
First Place:	Jennifer L. Frazier	Fieldale-Collinsville H. S.

ENVIRONMENTAL SCIENCE 'C'

Honorable Mention:	Martha S. Klovstad	Yorktown High School
Honorable Mention:	Thu Bao Le	Meadowbrook High School
Honorable Mention:	Phyllis C. Leary	Southwest Va. Governor's S.
Third Place:	Jennifer M. Kolloff	Washington-Lee High School
Second Place:	Nancy A. Kaplan	Maury High School
First Place:	Blaine W. Linkous	Norfolk Academy

ENVIRONMENTAL SCIENCE 'D'

Honorable Mention:	David F. Morland	Washington-Lee High School
Honorable Mention:	Carla S. Rogers	Southwest Va. Governor's S.
Third Place:	Uma Sanghvi	Yorktown High School
Second Place:	Alan P. Moore	Gloucester High School
First Place:	Joseph P. Salyards, II	Valley Baptisti Christian S.

ENVIRONMENTAL SCIENCE 'E'

Honorable Mention:	Andrew F. Schneider	Yorktown High School
Honorable Mention:	Clark A. Schweers	Yorktown High School
Honorable Mention:	Anya E. Schwender	The Collegiate Schools
Third Place:	Jeffrey H. Scarano	Yorktown High School
Second Place:	Heather M. Smith	Peasley Middle School
First Place:	Jason D. Sprinkle	Roanoke Valley Governor's S.

GENETICS AND CELLULAR BIOLOGY

Honorable Mention:	Tu-Anh Bui	Washington-Lee High School
Honorable Mention:	Grant A. Delorenzo	Tuckahoe Middle School
Third Place:	Katherine M. Carter	H.B. Woodlawn
Second Place:	Daniel A. Kopp	Yorktown High School
First Place:	Erik Rosolowsky	Cave Spring High School

MATHEMATICS AND STATISTICS

Honorable Mention:	Matthew P. Carter	H.B. Woodlawn
Honorable Mention:	Colin B. Gay	Woodberry Forest School
Honorable Mention:	Peter T. Strack	Washington-Lee High School
Third Place:	George E. Reed	Roanoke Valley Governor's S.
Second Place:	Timothy O. Colvin	Yorktown High School
First Place:	Jeffrey S. Hadden	Yorktown High School

MEDICINE AND HEALTH 'A'

Honorable Mention:	Julie L. Carver	Atlee High School
Honorable Mention:	John J. Choi	New Horizons Governor's S.
Honorable Mention:	Kelly L. Conklin	Cave Spring High School
Third Place:	Jason H. Cheung	Ferguson High School
Second Place:	Susan R. Busic	Patrick Henry High School
First Place:	Drema D. Crist	Southwest Va. Governor's S.

MEDICINE AND HEALTH 'B'

Honorable Mention:	Thomas A. Hsu	Governor's School for Gov't & Int'l Studies
Honorable Mention:	Stephen F. Kohlman	Ferguson High School
Third Place:	Mariana C. Lieu	Thomas Jefferson High School for Science and Technology
Second Place:	Kimberly L. Goodman	Yorktown High School
First Place:	Anna E. Lee	Thomas Jefferson High School for Science and Technology

MEDICINE AND HEALTH 'C'

Honorable Mention:	Anubha Tripathi	Mills E. Godwin High School
Honorable Mention:	Casey R. Williams	Magnet H. S. for Science and Health Professions
Honorable Mention:	Christine M. Yuan	Maury High School
Third Place:	Diane M. Owens	Southwest Va. Governor's S.
Second Place:	Katherine G. Sharpe	H.B. Woodlawn
First Place:	Griffin M. Weber	Denbigh High School

MICROBIOLOGY 'A'

Honorable Mention:	Amanda J. Folsom	Southwest Va. Governor's S.
Honorable Mention:	Rangina Hamidi	Wakefield High School
Honorable Mention:	Michael B. Hanzel	Monacan High School
Third Place:	Robert D. English	Yorktown High School
Second Place:	Matthew O. Arnold	Gloucester High School
First Place:	Clara Galbis-Reig	Bishop O'Connell High School

MICROBIOLOGY 'B'

Honorable Mention:	Walker J. Hardy	Tuckahoe Middle School
Honorable Mention:	Martin Szumanski	Cave Spring High School
Honorable Mention:	John R. Zedlewski	Williamsburg Middle School
Third Place:	Courtney C. Harper	Lloyd C. Bird High School
Second Place:	Lara H. Ponomareff	Swanson Middle School
First Place:	E. Carter Paulson	Ferguson High School

PHYSICS 'A'

Honorable Mention:	Laura J. Black	Williamsburg Middle School
Honorable Mention:	Toler F. Cross	Chickahominy Middle School
Honorable Mention:	Eric M. Dunham	Governor's School for Gov't & Int'l Studies
Third Place:	Anna T. Fernandez	Thomas Jefferson High School for Science and Technology
Second Place:	Nelson O. Fitts	Woodberry Forest School
First Place:	Brian M. Connell	Thomas Jefferson High School for Science and Technology

PHYSICS 'B'

Honorable Mention:	Robert J. Lojek	Central Virginia Governor's S.
Honorable Mention:	George M. F. Parker	Southwest Va. Governor's S.
Honorable Mention:	Maria Rasner	Wakefield High School
Third Place:	Anupam B. Jena	Governor's School for Gov't & Int'l Studies
Second Place:	Lukasz A. Majewski	Tabb High School
First Place:	Stephanie A. Marton	Yorktown High School

PHYSICS 'C'

Honorable Mention:	Kevin L. Setter	H.B. Woodlawn
Honorable Mention:	Daniel P. Sheets	Atlee High School
Honorable Mention:	Stephen D. Turner	Cave Spring High School
Third Place:	Sarah M. Smith	Williamsburg Middle School
Second Place:	Jan Woraratanadharm	Lloyd C. Bird High School
First Place:	David A. Solin	Thomas Jefferson High School for Science and Technology

PSYCHOLOGY - GENERAL

Honorable Mention:	Jennifer P. Munson	Monacan High School
Honorable Mention:	Melissa S. Noel	Atlee High School
Honorable Mention:	Tristan P. Pelligrino	Meadowbrook High School
Third Place:	Tej S. Shah	Central Virginia Governor's S.
Second Place:	Gabrielle M. Weber	Dozier Middle School
First Place:	Erica S. Campbell	Roanoke Valley Governor's S.

PSYCHOLOGY - LEARNING AND PERCEPTION 'A'

Honorable Mention:	Pamela E. Britton	Richmond Community High S.
Honorable Mention:	Heather S. Johnson	Williamsburg Middle School
Honorable Mention:	Jamie L. Jones	Atlee High School
Third Place:	Kathleen C. Hallett	Swanson Middle School
Second Place:	John C. Dudley	Denbigh High School
First Place:	Ellen M. Davis	Hines Middle School

PSYCHOLOGY - LEARNING AND PERCEPTION 'B'

Honorable Mention:	Bonmyong B. Lee	Swanson Middle School
Honorable Mention:	Elizabeth C. Pugh	Liberty Middle School
Honorable Mention:	Sapna A. Shenoy	Governor's School for Gov't & Int'l Studies
Third Place:	Robyn L. Oliver	Lloyd C. Bird High School
Second Place:	Kristen M. Varmette	Lloyd C. Bird High School
First Place:	Rene' L. Roberts	Menchville High School

PSYCHOLOGY - SOCIAL

Honorable Mention:	Lynton M. Bragg	Yorktown High School
Honorable Mention:	Arienne Osorio	Governor's School for Gov't & Int'l Studies
Honorable Mention:	Rolf A. Schlichter	Wakefield High School
Third Place:	Mary M. Brinig	Bishop O'Connell High School
Second Place:	Yasmin D. Jilla	Roanoke Valley Governor's S.
First Place:	Katherine R. Saul	Yorktown High School

ZOOLOGY

Honorable Mention:	Alice M. Chiou	New Horizons Governor's School
Honorable Mention:	Joshua M. Kaplowitz	Governor's School for Gov't & Int'l Studies
Honorable Mention:	Charles H. Stevens	Patrick Henry High School
Third Place:	Leanna M. Orth	Gloucester High School
Second Place:	Chau Quynh Tran	Wakefield High School
First Place:	Ahley L. Eltringham	Bishop O'Connell High School

SPECIAL AWARDS

Botany Section Award, given by the Botany Section of the VAS, to the best paper on a botanical subject.(\$50.00)

KENNETH D. KUHN
Yorktown High School

VJAS Neuroscience Awards supported by the Auxiliary of the Virginia Neurological Society are given to four outstanding papers in the field of neuroscience.(\$50.00 each).

Third Place:	Anubha Tripathi	Mills E. Godwin High School
Second Place:	Alo Basu	Thomas Jefferson HS for Science&Tech
First Place:	Mariana C. Lieu	Thomas Jefferson HS for Science & Tech

Speleological Society Award given to the best paper addressing karst or topics related to speleology given by the Richmond Area speleological society. (\$50.00)

Ernst h. Kastning, III
Radford High School

Mathematics Award for the paper that evidences the most significant contribution in the field of Mathematics.(\$50.00)

Rex K. Min
Denbigh 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)

Diane Owens
Southwest Virginia Governor's School

Roscoe Hughes Award for the best paper in the field of Genetics.(\$50.00)

Eric Rosolowsky
Cave Spring High School

Rodney C. Berry Chemistry Award for the paper that evidences the most significant contribution in the field of chemistry.(\$50.00)

Thinh Nguyen
Thomas Jefferson HS for Science & Tech

Russell J. Rowlett Award for the Best Research Paper of the Year.(\$50.00)

Brian M. Connell
Thomas Jefferson HS for Science & Tech

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.

Erica S. Campbell	Roanoke Valley Governor's School
Ellen M. Davis	Hines Middle School
Rene' L. Roberts	Menchville High School
Katherine R. Saul	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)

Alan Moore
Gloucester High School

Health Physics Award is given by the Virginia Chapter of the Health Physics society for outstanding research on topics related to ionizing radiation. (\$500.00)

Karin Schwab
Atlee 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 - \$250, 2nd place \$125, 3rd place \$75, and Honorable Mention \$50. The local chapters of the American Cancer Society will also present a plaque to each in the fall. These awards are provided by the American Cancer Society (Virginia Division), Public Education Committee.

Honorable Mention - (\$50)	Candice Chen	Thomas Jefferson HS for Science & Tech
Third Place - (\$75)	Robert D. English	Yorktown High School
Second Place - (\$125)	Gregory Harmon	Fieldale-Collinsville H. S.
First Place - (\$250)	Rebecca E. Ivey	Central Virginia Governor's S.

A new award sponsored by the VPI & SU Chapter of the Honor Society of Agriculture, the Gamma Sigma Delta. 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.

Brian M. Green
Yorktown High School

Virginia Power has initiated a new annual award, the W. W. Berry Award in honor of Mr. W. W. Berry who was a past Chairman of the Board of VA Power. This award of 10 shares of Virginia Power common stock will be presented to the best engineering paper.

Brooks Moses
Southwest Virginia Governor's School

The Joyce K. Peterson award has been initiated this year 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.

Heather Smith
Peasley Middle School

Trip to AJAS - AAAS Meeting for two students and two alternates for presenting outstanding papers. The 1994 meeting will be held in Feb. in San Francisco

winner	E. Carter Paulson	Ferguson High School
winner	Felix H. Cheung	New Horizons Governor's S.
alternate:	Blaine W. Linkous	Norfolk Academy
alternate:	Kenneth Kuhn	Yorktown High School

Honorary Membership - AAAS given to two students.

Susan Busic	Patrick Henry High School
Tim Brown	Governor's School for Gov't & Int'l Studies

Honorary Membership - VAS given to one student.

Heather Hough	Cave Spring High School
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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.

Kenneth D. Kuhn
Yorktown High School

Frances and Sydney Lewis Environmental Scholarship: A \$12,500 scholarship (\$3,125 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

Joseph P. Salyards, II
Valley Baptist Christian School

VAS Science Teacher Award given to an outstanding science teacher.(\$100.00)

Mr. Edward Kidder
Lee-Davis High School

VJAS Club Sponsor Award, is given to an outstanding club sponsor.(\$200.00)

Susan Moore
Menchville High School