

## AWARDS PRESENTED DURING THE VIRGINIA JUNIOR ACADEMY OF SCIENCE MEETING

### AGRICULTURAL AND ANIMAL SCIENCE

Honorable Mention:	Martha C. Alter	H.B. Woodlawn
Honorable Mention:	Elaine T. Chou	The Collegiate Schools
Honorable Mention:	Susan B. Watson	Patrick Henry High School
Third Place:	Monique Nikolaus	Atlee High School
Second Place:	Jason G. Tice	Governor's School for Government and International Studies
First Place:	Sneha S. amin	Patrick Henry High School

### ANIMAL BEHAVIOR (ETHOLOGY)

Honorable Mention:	Kerry J. Audley	Bishop O'Connell High School
Honorable Mention:	Vassar D. Sumpter	Huguenot High School
Honorable Mention:	Cynthia L. Weaver	Patrick Henry High School
Third Place:	Kimberly M. Costello	Yorktown High School
Second Place:	Lance D. Wahlert	Menchville High School
First Place:	James S. Kellam	Midlothian High School

### BOTANY 'A'

Honorable Mention:	Avin S. Dwivedy	Governor's School for Govern- ment and International Studies
Honorable Mention:	Camille F. Frost	Williamsburg Middle School
Honorable Mention:	Christine M. Gibbs	Patrick Henry High School
Third Place:	Natarsha Y. Fisher	Huguenot High School
Second Place:	Tamasha D. Crouse	Southwest Virginia Governor's School
First Place:	Mohammad J. Edjlali	Yorktown High School

### BOTANY 'B'

Honorable Mention:	Kimberly A. Goode	Clover Hill High School
Honorable Mention:	Rangina Hamidi	Kenmore Middle School
Third Place:	Michelle L. Gorbitt	Central Virginia Governor's School
Second Place:	Barbara Kipeloff	Cave Spring High School
First Place:	Kenneth D. Kuhn	Williamsburg Middle School

BOTANY 'C'

Honorable Mention:	Paul E. Nguyen	Washington-Lee High School
Honorable Mention:	Sanchia D. Patrick	Hines Middle School
Honorable Mention:	Hyejin J. Suh	Monacan High School
Third Place:	Seth E. Webster	Central Virginia Governor's School
Second Place:	Everett T. Shockley	Southwest Virginia Governor's School
First Place:	John S. Will	Wakefield High School

CHEMISTRY 'A'

Honorable Mention:	Visha L. Bindal	Thomas Jefferson High School for Science and Technology
Honorable Mention:	Daniel C. Cho	Thomas Jefferson High School for Science and Technology
Honorable Mention:	Robert C. Conklin	Cave Spring High School
Third Place:	John A. Dooley	Thomas Jefferson High School for Science and Technology
Second Place:	Eli Chen	Thomas Jefferson High School for Science and Technology
First Place:	Justin A. Caravella	Thomas Jefferson High School for Science and Technology

CHEMISTRY 'B'

Honorable Mention:	Michael J. Fry	Thomas Jefferson High School for Science and Technology
Honorable Mention:	Su R. Han	Gildersleeve Middle School
Honorable Mention:	Howard Y. Li	Thomas Jefferson High School for Science and Technology
Third Place:	Khan W. Li	Thomas Jefferson High School for Science and Technology
Second Place:	Judson R. Holt	Thomas Jefferson High School for Science and Technology
First Place:	Michael A. Gibson	Thomas Jefferson High School for Science and Technology

CHEMISTRY 'C'

Honorable Mention:	Thinh H. Nguyen	Thomas Jefferson High School for Science and Technology
Honorable Mention:	Warren S. Overholt	Yorktown High School
Honorable Mention:	Chi-Jen J. Wong	Thomas Jefferson High School for Science and Technology

Third Place:	Kimberly A. Walters	Thomas Jefferson High School for Science and Technology
Second Place:	Gregory C. Yerington	Thomas Jefferson High School for Science and Technology
First Place:	Amy W. Popelish	Wilson Memorial High School

## COMPUTER SCIENCE

Honorable Mention:	Benjamin L. Barry	Yorktown High School
Honorable Mention:	William T. Laforest	Wakefield High School
Honorable Mention:	Nathan A. Stratton	Washington-Lee High School
Third Place:	John C. Dudley	Denbigh High School
Second Place:	David E. Bradley	New Horizons Governor's School
First Place:	Rex K. Min	Denbigh High School

## CONSUMER SCIENCE 'A'

Honorable Mention:	R. Danielle Bailey	Matoaca High School
Honorable Mention:	Sanja Y P. Bhagchandani	Meadowbrook High School
Honorable Mention:	Colin W. Delacy	Yorktown High School
Third Place:	Cory E. Barber	Thomas Jefferson Middle School
Second Place:	Megan D. Allen	Tabb High School
First Place:	Timothy E. Brown	Governor's School for Govern- ment and International Studies

## CONSUMER SCIENCE 'B'

Honorable Mention:	Christopher G. Herbert	H.B. Woodlawn
Honorable Mention:	Charles L. Park	Swanson Middle School
Honorable mention:	Nicole M. Pettis	Matoaca High School
Third Place:	L. Daniel Holsinger	Williamsburg Middle School
Second Place:	Kimberly L. Goodman	Williamsburg Middle School
First Place:	Kristi L. Lewis	Prince George High School

## CONSUMER SCIENCE 'C'

Honorable Mention:	T. Nathan Roane	Atlee High School
Honorable Mention:	Anna S. Robertson	Swanson Middle School
Honorable Mention:	Billy Wright	Norfolk Academy
Third Place:	Jennifer L. Reid	Cave Spring High School
Second Place:	Kati G. Sharpe	H.B. Woodlawn
First Place:	Bryan G. Robertson	Central Virginia Governor's School

EARTH AND SPACE SCIENCE

Honorable Mention:	Ernst H. Kastning, III	Radford High School
Honorable Mention:	Scott L. Rosen	Yorktown High School
Honorable Mention:	Heather L. Stevens	Yorktown High School
Third Place:	David A. Bray	Hines Middle School
Second Place:	Brian M. Green	Williamsburg Middle School
First Place:	Kevin B. Jones	Washington-Lee High School

ENGINEERING 'A'

Honorable Mention:	Michael D. Barringer	Menchville High School
Honorable Menton:	Melanie L. Burkett	Hines Middle School
Honorable Mention:	Dean T. Gamble	Robert Frost Intermediate School
Third Place:	Jignesh K. Goda	Thomas Jefferson High School for Science and Technology
Second Place:	Andrew K. Clark	Radford High School
First Place:	David R. Derkits	Yorktown High School

ENGINEERING 'B'

Honorable Mention	Surabhi M. Mehrotra	Tabb High School
Honorable Mention	Benjamin W. Rooker	Tabb High School
Honorable mention	Garnett E. Simmers, Jr.	Southwest Virginia Governor's School
Third Place:	Daniela Y. Wotke	Denbigh High School
Second Place:	Phillip B. Northam	Gildersleeve Middle School
First Place	Brooks Moses	Southwest Virginia Governor's School

ENVIRONMENTAL SCIENCE 'A'

Honorable Mention:	Christina L. Clarkson	Roanoke Valley Governor's School
Honorable Mention:	Melissa C. Cutter	Maury High School
Third Place:	Matthew A Chidley	Monacan High School
Second Place:	Carolyn M. Cochran	Yorktown High School
First Place:	James H. Brashears	Governor's School for Govern- ment and International Studies

ENVIRONMENTAL SCIENCE 'B'

Honorable Mention:	Kevin J. Davis	Monacan High School
Honorable Mention:	Jennifer L. Garnet	Meadowbrook High School
Honorable Mention:	John M. Gifford	Atlee High School
Third Place:	Lale D. Gorbudak	Roanoke Valley Governor's School
Second Place:	F. Bruce Furrow	Dinwiddie County High School
First Place:	Adam G. Florence	Thomas Jefferson High School for Science and Technology

## ENVIRONMENTAL SCIENCE 'C'

Honorable Mention:	Sarah W. Joyce	Meadowbrook High School
Honorable Mention:	Michael J. Kusiak	Maury High School
Honorable Mention:	Karen R. Leigh	Menchville High School
Third Place:	Susan F. Knight	Yorktown High School
Second Place:	Meghan J. Kline	Yorktown High School
First Place:	Alan P. Moore	Peasley Middle School

## ENVIRONMENTAL SCIENCE 'D'

Honorable Mention:	Kimberly D. Nickens	Patrick Henry High School
Honorable Mention:	Carmen D. Patrick	Denbigh High School
Honorable Mention:	Anya E. Schwender	The Collegiate Schools
Third Place:	Kristi J. Oja	New Horizons Governor's School
Second Place:	Jeffrey H. Scarano	Yorktown High School
First Place:	Joseph P. Salyards, II	Valley Baptist

## ENVIRONMENTAL SCIENCE 'E'

Honorable Mention:	Henrik K. Swanljung	Maury High School
Honorable Mention:	Stefany M. Tweed	Patrick Henry High School
Honorable Mention:	Carolyn D. White	Yorktown High School
Third Place:	Anne C. Spencer	Maury High School
Second Place:	John F. Zohn, Jr.	New Horizons Governor's School
First Place:	Eric K. Weisz	Ferguson High School

## GENETICS AND CELLULAR BIOLOGY

Honorable Mention:	Tu-Anh Bui	Swanson Middle School
Honorable Mention:	Corby A. Faye	Richmond Community High School
Honorable Mention:	Eli P. Rosen	Yorktown High School
Third Place:	F. Bruce Furrow	Dinwiddie County High School
Second Place:	Nicholas M. Dechman	Thomas Jefferson High School for Science and Technology
First Place:	Rene' D. Elms	Yorktown High School

## MATHEMATICS AND STATISTICS 'A'

Honorable Mention:	Cherith B. Bailey	Central Virginia Governor's School
Honorable Mention:	Marshall R. Cox	Dozier Middle School
Honorable Mention:	Jeffrey S. Ford	Roanoke Valley Governor's School
Third Place:	Julius C. Cogswell	Woodberry Forest School
Second Place:	Matthew P. Carter	H.B. Woodlawn
First Place:	Nelson O. Fitts	Woodberry Forest School

MATHEMATICS AND STATISTICS 'B'

Honorable Mention:	Charles W. Harvey	Woodberry Forest School
Honorable Mention:	James B. Smethurst	Woodberry Forest School
Honorable Mention:	Christopher K. Warren	Woodberry Forest School
Third Place:	Jeremy R. Jenkins	Matoaca High School
Second Place:	Joel T. Thomas	Woodberry Forest School
First Place:	Alexander W. St.Clair	Woodberry Forest School

MEDICINE AND HEALTH 'A'

Honorable Mention:	Amy E. Bates	Williamsburg Middle School
Honorable Mention:	Ann M. Chewning	Liberty Middle School
Honorable Mention:	Avi B. Gibberman	Gildersleeve Middle School
Third Place:	Sara P. Fontaine	Hines Middle School
Second Place:	Ruby Z. Afram	Swanson Middle School
First Place:	Margaret E. Bourdeaux	Roanoke Valley Governor's School

MEDICINE AND HEALTH 'B'

Honorable Mention:	Heather L. Hough	Cave Spring High School
Honorable Mention:	Fong T. Lui	Southwest Virginia Governor's School
Honorable Mention:	Estelle P. Perera	The Collegiate Schools
Third Place:	Elizabeth H. Kamp	Yorktown High School
Second Place:	Gayle M. Horn	Robert Frost Intermediate School
First Place:	Christopher R. Pyke	Yorktown High School

MEDICINE AND HEALTH 'C'

Honorable Mention:	Thomas J. Sobieski, IV	Monacan High School
Honorable Mention:	Casey R. Williams	Maury High School
Honorable Mention:	Jennifer T. Wolstenholme	Thomas Jefferson High School for Science and Technology
Third Place:	Anubha Tripathi	Mills E. Godwin High School
Second Place:	Jason A. Smith	Menchville High School
First Place:	Griffin M. Weber	Denbigh High School

MICROBIOLOGY

Honorable Mention:	Jocelyn A. Gibbon	H.B. Woodlawn
Honorable Mention:	Courtney C. Harper	Lloyd C. Bird High School
Honorable Mention:	Erin E. Holsinger	Yorktown High School
Third Place:	Kristin M. Beitz	Monacan High School
Second Place:	Emily C. Paulson	Ferguson High School
First Place:	Jennifer J. Casaletto	Thomas Jefferson High School for Science and Technology

## PHYSICS 'A'

Honorable Mention:	Ryan F. Agnew	Williamsburg Middle School
Honorable Mention:	Nathan T. Czyzewski	Turner Ashby High School
Honorable Mention:	John M. Ennis	Clover Hill High School
Third Place:	Jesse S. Chawla	New Horizons Governor's School
Second Place:	Max-Louis G. Buot	Thomas Jefferson High School for Science and Technology
First Place:	Jeffrey M. Chock	Thomas Jefferson High School for Science and Technology

## PHYSICS 'B'

Honorable Mention:	Tyler F. Gray	Yorktown High School
Honorable Mention:	Julie P. Houghton	Cave Spring High School
Honorable Mention:	John P. Kowalski	Williamsburg Middle School
Third Place:	Patricia C. Kao	Clover Hill High School
Second Place:	Soeur L. Ly	Thomas Jefferson High School for Science and Technology
First Place:	Michael J. Niczyporuk	Tabb High School

## PHYSICS 'C'

Honorable Mention:	Pamela A. Parnacott	Menchville High School
Honorable Mention:	Marjorie L. Victor	E.C. Glass High School
Third Place:	Jamie L. Pauls	Hermitage High School
Second Place:	Aditya N. Seth	Thomas Jefferson High School for Science and Technology
First Place:	Steven J. Purdy	Yorktown High School

## PSYCHOLOGY - GENERAL

Honorable Mention:	Michael R. Dean	Fauquier County High School
Honorable Mention:	Tara O. Platt	J.R. Tucker High School
Honorable Mention:	Elizabeth D. Simpson	Wakefield High School
Third Place:	Jennifer R. French	New Horizons Governor's School
Second Place:	Caitlin R. Wittig	Wakefield High School
First Place:	Erica S. Campbell	Roanoke Valley Governor's School

## PSYCHOLOGY - LEARNING AND PERCEPTION 'A'

Third Place:	Jennifer D. Ferrell	William Fleming High School
First Place:	Mary M. Brinig	Bishop O'Connell High School

PSYCHOLOGY - LEARNING AND PERCEPTION 'B'

Honorable Mention:	Julia G. Harkin	Swanson Middle School
Honorable Mention:	Diane M. Owens	Southwest Virginia Governor's School
Honorable Mention:	Elizabeth C. Pugh	Liberty Middle School
Third Place:	Sheilandice M. Holmes	Matoaca High School
Second Place:	Markus J. Namesny	Monacan High School
First Place:	Anne R. Nester	Yorktown High School

PSYCHOLOGY - LEARNING & PERCEPTION 'C'

Honorable Mention:	Alison C. Stagg	Atlee High School
Honorable Mention:	Tomasz W. Turowski	Roanoke Valley Governor's School
Honorable Mention:	Mary T. Ware	Atlee High School
Third Place:	Carolyn A. Weiglein	Central Virginia Governor's School
Second Place:	Rene L. Roberts	New Horizons Governor's School
First Place:	Andrew P. Sherrod	Patrick Henry High School

PSYCHOLOGY - SOCIAL

Honorable Mention:	Amy M. Daugherty	Lee-Davis High School
Honorable Mention:	Christin R. McGovern	Yorktown High School
Honorable Mention:	Amy C. Osorio	Thompson Middle School
Third Place:	Benjamin W. Taylor	H.B. Woodlawn
Second Place:	Kelly L. Schrock	Central Virginia Governor's School
First Place:	Jonathan J. Thessin	Williamsburg Middle School

ZOOLOGY

Honorable Mention:	Allyson M. Armistead	Yorktown High School
Honorable Mention:	Susan R. Busic	Patrick Henry High School
Honorable Mention:	Yanek D. Korff	Washington-Lee High School
Third Place:	Sean M. Murray	Roanoke Valley Governor's School
Second Place:	John J. Choi	New Horizons Governor's School
First Place:	Wendy A. Lee	Menchville High School



## SPECIAL AWARDS

Major W. Catesby Jones Award is for the STS winner  
displaying the greatest science potential.

2nd Runner-up: (\$20) - Judson Holt, Thomas Jefferson HS for Sci & Tech  
1st Runner-up: (\$30) - Jeffrey Chock, Thomas Jefferson HS for Sci & Tech  
Winner : (\$50) - David Derkits, Yorktown High School

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

Kevin House      Dozier Middle School

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

Helen A. Fabiato - The Collegiate Schools  
John Choi - Denbeigh High School  
Frederick W. Early, III - Lee-Davis High School  
Ian Chang - Norfolk Academy

Speological 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)

Anubha Tripathi  
Mills E. Godwin High School

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

Rene' Elms

Yorktown High School

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

David Derkits

Yorktown 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 \$80.00.

Erica S. Campbell - Roanoke Valley Governor's School

Mary M. Brinig - Bishop O'Connell High School

Anne R. Nester - Yorktown High School

Andrew P. Sherrod - Patrick Henry High School

Jonathan T. Thessin - Williamsburg Middle School

Virginia Sea Grant College Program Award is given by the Virginia Sea Grant College Program for outstanding marine or coastal research. (\$100.00) The award will be presented by Eugene Olmi, Assistant Director of the Virginia Graduate Marine Science Consortium.

Andrew Clark - Radford High School

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

Gregory W. Harmon - Fieldale-Collinsville 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 - \$200, 2nd place \$150, 3rd place \$100, and honorable mention \$50. The local chapters of the American Cancer Society will also present a plaque to each in the fall. Representing the American Cancer Society (Virginia Division) we have Patti Fogg, Public Education Director and Dr. William L. Banks, Jr. Chairman of the Public Education Committee of the American Cancer Society (Virginia Division). They presented the awards funded by the State Public Education Committee of the American Cancer Society.

Honorable Mention: Khoan Thai

Washington-Lee High School

Third Place: Gregory Harmon

Fieldale-Collinsville High School

Second Place: William McKee

Denbigh High School

First Place: Rene' Elms

Yorktown High School

Trip to AJAS - AAAS Meeting for two students and two alternates for presenting outstanding papers. The 1993 meeting will be held Feb 10-15 in Boston.

winner: Anne Neste - Yorktown High School  
winner: Griffin Weber - Denbigh High School  
alternate: John Will - Wakefield High School  
alternate: Wendy Lee - Menchville High School

Honorary Membership - AAAS given to two students.  
Kristin Walinski - Patrick Henry High School  
Mary Jenczewski - Midlothian High School

Honorary Membership - VAS given to one student.  
Griffin Weber - Denbigh High School

E.C.L. Miller Club Award to the VJAS club having the most outstanding program for the year.(\$50.00)

Homer L. Ferguson High School, Newport News, VA  
Lia Summers, President and A.D. Barker, Sponsor

#### 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.

Anne Nester  
Yorktown High School

#### Frances and Sydney Lewis Environmental Scholarship

A \$12,000 scholarship (\$3,000 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

Rene' Elms  
Yorktown High School

VAS Science Teacher Award given to an outstanding science teacher.(\$100.00)  
Joyce K. Peterson  
Swanson Middle School, Arlington, VA

