

AWARDS PRESENTED DURING THE VIRGINIA JUNIOR ACADEMY OF SCIENCE MEETING

AGRICULTURAL AND ANIMAL SCIENCE

| | | |
|--------------------|---------------------|--|
| Honorable Mention: | Martha C. Alter | H. B. Woodlawn |
| Honorable Mention: | Gretchen A. Dains | Thomas Jefferson High School for Science and Technology |
| Honorable Mention: | Evangelos B. Ringas | Denbigh High School |
| Third Place: | Brian M. Green | Williamsburg Middle School |
| Second Place: | Michelle Y. Yi | Swanson Middle School |
| First Place: | Mitzi G. McDougle | Lee-Davis High School |

ANIMAL BEHAVIOR (ETHOLOGY)

| | | |
|--------------------|-----------------------|---------------------------|
| Honorable Mention: | Elena M. Durso | Wakefield High School |
| Honorable Mention: | Stephanie M. Hamilton | Ferguson High School |
| Honorable Mention: | James S. Kellam | Midlothian High School |
| Third Place: | Cynthia L. Weaver | Patrick Henry High School |
| Second Place: | Jamie L. Robinson | Kempsville High School |
| First Place: | Kimberly M. Costello | Yorktown High School |

BOTANY 'A'

| | | |
|--------------------|---------------------|-----------------------------|
| Honorable Mention: | Melissa L. Buchanan | William Fleming High School |
| Honorable Mention: | Christine Drombetta | Cave Spring High School |
| Honorable Mention: | Kimberly L. Goodman | Williamsburg Middle School |
| Third Place: | Michael J. Delp | Swanson Middle School |
| Second Place: | Susan R. Busic | Patrick Henry High School |
| First Place: | Sneha S. Amin | Patrick Henry High School |

BOTANY 'B'

| | | |
|--------------------|-------------------|--|
| Honorable Mention: | Jennifer S. Levin | Roanoke Valley Governor's School for Science and Technology |
| Honorable Mention: | Ashley B. Marcus | Gildersleeve Middle School |
| Honorable Mention: | Meg A. O'Connor | Kempsville High School |
| Third Place: | Hassan I. Huq | Monacan High School |
| Second Place: | Ajay Jain | Monacan High School |
| First Place: | Laura M. Pottmyer | H. B. Woodlawn |

BOTANY 'C'

| | | |
|--------------------|------------------|--|
| Honorable Mention: | Aditya N. Seth | Thomas Jefferson High School for Science and Technology |
| Honorable Mention: | Deaette M. Smith | Armstrong High School |
| Honorable Mention: | Susan R. Starkey | Central Virginia Governor's School |
| Third Place: | John S. Will | Thomas Jefferson Middle School |

| | | |
|---------------|-------------------|------------------------|
| Second Place: | Daniel A. Tillman | Yorktown High School |
| First Place: | Sheri L. Thompson | Menchville High School |

CHEMISTRY 'A'

| | | |
|--------------------|---------------------|--|
| Honorable Mention: | Marc E. Bejarano | Thomas Jefferson High School for Science and Technology |
| Honorable Mention: | Anne C. Christenson | Yorktown High School |
| Honorable Mention: | Suzanne M. Lassiter | Gildersleeve Middle School |
| Third Place: | Abdul G. Khan | Thomas Jefferson High School for Science and Technology |
| Second Place: | Eli Chen | Thomas Jefferson High School for Science and Technology |
| First Place: | Mark J. Gelman | Thomas Jefferson High School for Science and Technology |

CHEMISTRY 'B'

| | | |
|--------------------|----------------------|--|
| Honorable Mention: | Andrew K. McAllister | Williamsburg Middle School |
| Honorable Mention: | Anna M. Nazaretz | H. B. Woodlawn |
| Honorable Mention: | Michele H. Son | Thomas Jefferson High School for Science and Technology |
| Third Place: | Alison E. Meekhof | Thomas Jefferson High School for Science and Technology |
| Second Place: | Victor F. Stone, Jr. | Thomas Jefferson High School for Science and Technology |
| First Place: | Michael A. Tolin | Thomas Jefferson High School for Science and Technology |

COMPUTER SCIENCE

| | | |
|--------------------|----------------------|--|
| Honorable Mention: | Jonathan T. Blocksom | Thomas Jefferson High School for Science and Technology |
| Honorable Mention: | Andrea I. Kellum | Patrick Henry High School |
| Honorable Mention: | Kevin R. Walker | Monacan High School |
| Third Place: | Salvatore K. Bavuso | New Horizons Governor's School for Science and Technology |
| Second Place: | Adam L. Ginsburg | Yorktown High School |
| First Place: | Kristie L. Seymore | New Horizons Governor's School for Science and Technology |

CONSUMER SCIENCE 'A'

| | | |
|--------------------|-------------------|------------------------------|
| Honorable Mention: | Lisa M. Deyerle | Cave Spring High School |
| Honorable Mention: | Jennifer J. Hall | Patrick Henry High School |
| Honorable Mention: | Amy F. Hopkins | Liberty Middle School |
| Third Place: | Jeffrey J. Hanten | Lee-Davis High School |
| Second Place: | Carmen Patrick | Homer L. Hines Middle School |

First Place: William T. Hockett Gildersleeve Middle School

CONSUMER SCIENCE 'B'

Honorable Mention: Meha M. Shah Gildersleeve Middle School
 Honorable Mention: Matthew T. Walsh Swanson Middle School
 Honorable Mention: Chris L. Waugaman Meadowbrook High School
 Third Place: Ronald L. Tidd Lee-Davis High School
 Second Place: Warren S. Overholt Williamsburg Middle School
 First Place: Steven M. Tinkey Liberty Middle School

EARTH SCIENCE

Honorable Mention: Elizabeth A. Jenkins Yorktown High School
 Third Place: Kristin B. Miller Meadowbrook High School
 Second Place: Ernst H. Kastning, III Radford High School
 First Place: Emily C. Paulson Gildersleeve Middle School

ENGINEERING 'A'

Honorable Mention: David J. Baker Menchville High School
 Honorable Mention: Ellison M. Cale Ferguson High School
 Honorable Mention: Brandy K. Fields Dozier Middle School
 Third Place: Thomas G. Gainer B. T. Washington Middle School
 Second Place: Jonathan F. Gerhard Yorktown High School
 First Place: David R. Derkits Yorktown High School

ENGINEERING 'B'

Honorable Mention Phillip B. Northam Gildersleeve Middle School
 Honorable Mention Karl J. Runge Fred D. Thompson Middle School
 Third Place Rex K. Min Denbigh High School
 Second Place Stephen Lynn New Horizons Governor's School
 for Science and Technology
 First Place Joshua H. McDermott H. B. Woodlawn

ENVIRONMENTAL SCIENCE 'A'

Honorable Mention: Liberty A. Boor Radford High School
 Honorable Mention: Ryan J.S. Brewster Gildersleeve Middle School
 Honorable Mention: Hope A. Clayburn Huguenot High School
 Third Place: Kimberly B. Beckerdite Gildersleeve Middle School
 Second Place: Panagiotis T. Boudouvas Washington-Lee High School
 First Place: Theodore M. Barnhill, III
 Thomas Jefferson High School
 for Science and Technology

ENVIRONMENTAL SCIENCE 'B'

| | | |
|--------------------|-------------------|--|
| Honorable Mention: | Daria J. Farassat | New Horizons Governor's School for Science and Technology |
| Honorable Mention: | Heidi L. Hanneman | Yorktown High School |
| Honorable Mention: | Jennifer R. Hardy | Lee-Davis High School |
| Third Place: | Lale D. Gokbudak | Roanoke Valley Governor's School for Science and Technology |
| Second Place: | Matthew G. Gilman | Patrick Henry High School |
| First Place: | F. Bruce Furrow | Dinwiddie County High School |

ENVIRONMENTAL SCIENCE 'C'

| | | |
|--------------------|--------------------|----------------------------|
| Honorable Mention: | Karen R. Leigh | Gildersleeve Middle School |
| Third Place: | Anna M. Heuhsen | The Collegiate Schools |
| Second Place: | Mary C. Knight | Yorktown High School |
| First Place: | Adrienne L. Huston | McLean High School |

ENVIRONMENTAL SCIENCE 'D'

| | | |
|--------------------|---------------------------|--|
| Honorable Mention: | Rachelle N. Ornan | Central Virginia Governor's School |
| Honorable Mention: | Julie K. Petho | Yorktown High School |
| Third Place: | Lawrence A. Morrison, Jr. | Wakefield High School |
| Second Place: | Bradley T. Messmer | Menchville High School |
| First Place: | Robin J. Rosenfeld | Thomas Jefferson High School for Science and Technology |

ENVIRONMENTAL SCIENCE 'E'

| | | |
|--------------------|---------------------|------------------------------------|
| Honorable Mention: | Brian T. Whitley | Patrick Henry High School |
| Honorable Mention: | Stacy L. Williamson | Central Virginia Governor's School |
| Third Place: | Jesse J. Spencer | Dozier Middle School |
| Second Place: | Stefany M. Tweed | Patrick Henry High School |
| First Place: | Cynthia Squires | Cave Spring High School |

GENETICS AND CELLULAR BIOLOGY

| | | |
|--------------------|---------------------|--|
| Honorable Mention: | Ellen K. Daugherty | Wakefield High School |
| Honorable Mention: | Wendy G. Dillard | Roanoke Valley Governor's School for Science and Technology |
| Honorable Mention: | Jennifer E. Stevens | Yorktown High School |
| Third Place: | Carol A. Cocker | Yorktown High School |
| Second Place: | F. Bruce Furrow | Dinwiddie County High School |
| First Place: | Kenyatta Y. Lee | Richmond Community High School |

MATHEMATICS AND STATISTICS

| | | |
|--------------------|------------------------|--|
| Honorable Mention: | David E. Bradley | Denbigh High School |
| Honorable Mention: | Jeffrey S. Ford | Craig County High School |
| Honorable Mention: | Kristin M. Joslyn | Kempsville High School |
| Third Place: | Keun-young Kim | Woodberry Forest School |
| Second Place: | Herbert M. Bedingfield | Woodberry Forest School |
| First Place: | Mark W. Lucianovic | Thomas Jefferson High School for Science and Technology |

MEDICINE AND HEALTH 'A'

| | | |
|--------------------|---------------------|--|
| Honorable Mention: | Angela Brasseur | New Horizons Governor's School for Science and Technology |
| Honorable Mention: | Jenny J. Choi | New Horizons Governor's School for Science and Technology |
| Honorable Mention: | Domin Chung | Thomas Jefferson High School for Science and Technology |
| Third Place: | Caroline M. Carden | Kempsville High School |
| Second Place: | Rene' D. Elms | Yorktown High School |
| First Place: | Christopher R. Pyke | Yorktown High School |

MEDICINE AND HEALTH 'B'

| | | |
|--------------------|-----------------------|--------------------------------|
| Honorable Mention: | Meghan E. Hamm | Liberty Middle School |
| Honorable Mention: | Alexander T. Hawkins | Swanson Middle School |
| Honorable Mention: | Stephen Kohlman | B. T. Washington Middle School |
| Third Place: | Aga J. Lewelt | Monacan High School |
| Second Place: | William H. McKee, III | Denbigh High School |
| First Place: | Griffin M. Weber | Dozier Middle School |

MICROBIOLOGY 'A'

| | | |
|--------------------|-------------------|----------------------------|
| Honorable Mention: | Matthew C. Gracey | Gildersleeve Middle School |
| Third Place: | Sara E. Mallory | Patrick Henry High School |
| Second Place: | Gregory J. Furrow | Swanson Middle School |
| First Place: | Erica L. Balmer | Prince George High School |

MICROBIOLOGY 'B'

| | | |
|--------------------|---------------------|--------------------------------|
| Honorable Mention: | Amy E. Martin | Patrick Henry High School |
| Honorable Mention: | Mukul S. Nerurkar | Thomas Jefferson Middle School |
| Honorable Mention: | Joseph K. Warren | Episcopal High School |
| Third Place: | Erin P. Sikes | Wakefield High School |
| Second Place: | Jeffrey J. Scarano | Yorktown High School |
| First Place: | Kristin P. Walinski | Patrick Henry High School |

PHYSICS 'A'

| | | |
|--------------------|------------------------|--|
| Honorable Mention: | Alexander V. Agranov | Thomas Jefferson High School for Science and Technology |
| Honorable Mention: | Benjamin L. Barry | Swanson Middle School |
| Honorable Mention: | Gerard T. Hopkins, III | Yorktown High School |
| Third Place: | Jesse S. Chawla | Menchville High School |
| Second Place: | Erik T. Brandsberg | Central Virginia Governor's School |
| First Place: | Tyler F. Gray | Yorktown High School |

PHYSICS 'B'

| | | |
|--------------------|------------------------|--------------------------------|
| Honorable Mention: | David K. Messmer | Homer L. Hines Middle School |
| Honorable Mention: | Andrew R. Parker | Wakefield High School |
| Honorable Mention: | Elizabeth A. Pleasants | B. T. Washington Middle School |
| Third Place: | Ronald A. Northrip | Washington-Lee High School |
| Second Place: | Julie P. Houghton | Cave Spring High School |
| First Place: | Bradley T. Messner | Denbigh High School |

PHYSICS 'C'

| | | |
|--------------------|----------------------------|--|
| Honorable Mention: | Richard H. Singleton | Lee-Davis High School |
| Honorable Mention: | Lloyd A. Taylor | Radford High School |
| Honorable Mention: | Jeffrey S. Wright | Patrick Henry High School |
| Third Place: | Heather L. Smart | Wakefield High School |
| Second Place: | Jane F. Watson | Patrick Henry High School |
| First Place: | Venkataramana K. Sadananda | Thomas Jefferson High School for Science and Technology |

PSYCHOLOGY - GENERAL

| | | |
|--------------------|-----------------------|--|
| Honorable Mention: | Kristen M. Bersticker | Kempsville High School |
| Honorable Mention: | Matt S. Daimler | Gildersleeve Middle School |
| Honorable Mention: | Claire A. Homan | Yorktown High School |
| Third Place: | Joanne P. Dixon | Lee-Davis High School |
| Second Place: | Katrina E. Anderson | Yorktown High School |
| First Place: | Carrie A. Woods | Roanoke Valley Governor's School for Science and Technology |

PSYCHOLOGY - LEARNING AND PERCEPTION 'A'

| | | |
|--------------------|---------------------|---------------------------------------|
| Honorable Mention: | R. Elizabeth Barker | John Handley High School |
| Honorable Mention: | Lisa M. Conge | Bishop Denis J. O'Connell High School |
| Honorable Mention: | Shelly R. Fisher | Radford High School |
| Third Place: | Mary H. Jenczewski | Midlothian High School |
| Second Place: | Julia B. Brown | Richmond Community High School |
| First Place: | Jeremy R. Jenkins | Matoaca High School |

PSYCHOLOGY - LEARNING AND PERCEPTION 'B'

| | | |
|--------------------|----------------------|--|
| Honorable Mention: | David J. Kistner | Roanoke Valley Governor's School for Science and Technology |
| Honorable Mention: | Lynne F. Pruszkowski | Yorktown High School |
| Honorable Mention: | Brooke Wily | Clover Hill High School |
| Third Place: | Patricia A. Spruill | Yorktown High School |
| Second Place: | James E. Turner, III | Roanoke Valley Governor's School for Science and Technology |
| First Place: | Anne R. Nester | Yorktown High School |

PSYCHOLOGY - SOCIAL

| | | |
|--------------------|--------------------|----------------------------|
| Honorable Mention: | Erin E. Holsinger | Yorktown High School |
| Honorable Mention: | Mary Lynn F. Jones | Yorktown High School |
| Honorable Mention: | Trang M. Nguyen | Meadowbrook High School |
| Third Place: | Paul E. Nguyen | Washington-Lee High School |
| Second Place: | April L. Umminger | Wakefield High School |
| First Place: | Kathleen A. Deuel | Kenmore Middle School |

SPACE SCIENCE

| | | |
|--------------------|-----------------------|------------------------------------|
| Honorable Mention: | William H. Brown, III | Central Virginia Governor's School |
| Honorable Mention: | Tim Hobbs | Williamsburg Middle School |
| Honorable Mention: | Jennifer L. Thompson | William Fleming High School |
| Third Place: | David N. Christian | Newsome Park Middle School |
| Second Place: | Heather L. Stevens | Yorktown High School |
| First Place: | Kevin B. Jones | Washington-Lee High School |

ZOOLOGY 'A'

| | | |
|--------------------|--------------------|------------------------------------|
| Honorable Mention: | Jeffrey W. Binsley | Lee-Davis High School |
| Honorable Mention: | John P. Herald | Meadowbrook High School |
| Honorable Mention: | Sarah L. Hill | Central Virginia Governor's School |
| Third Place: | Yanek G.D. Korff | Swanson Middle School |
| Second Place: | Cara A. Gwinn | Matoaca High School |
| First Place: | Wendy A. Lee | Menchville High School |

ZOOLOGY 'B'

| | | |
|--------------------|----------------------|--|
| Honorable Mention: | Kristen M. Mansfield | Dinwiddie County High School |
| Honorable Mention: | Siddhartha G. Shukla | Swanson Middle School |
| Third Place: | Jeffrey L. Stockwell | Patrick Henry High School |
| Second Place: | Sean M. Murray | Roanoke Valley Governor's School for Science and Technology |
| First Place: | Matthew K. Seidman | Washington-Lee High School |

SPECIAL AWARDS

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

Kenyatta Y. Lee
Richmond Community High School

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

Laura M. Pottmyer
H. B. Woodlawn

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).

Anne R. Nester - Yorktown High School

Kristie L. Seymore -New Horizons Governor's School
for Science and Technology

William H. McKee, III - Denbigh High School

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)

Mark W. Lucianovic
Thomas Jefferson High School for Science and Technology

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

Mark J. Gelman
Thomas Jefferson High School for Science and Technology

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

Venkataramana Sadananda
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. Each award includes a prize of \$70.00. Dr. James P. O'Brien will present this year's honors on behalf of the Virginia Psychological Foundation to:

Kathleen A. Deuel - Kenmore Middle School
Anne R. Nester - Yorktown High School
Jeremy R. Jenkins - Matoaca High School
Carrie A. Woods - Roanoke Valley Governor's School
for Science and Technology

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. Dr. Richard Brandt, Professor of Biochemistry, MCV/VCU who is the President of the Virginia Academy of Science and the Public Education Chairman, Richmond Division of the American Cancer Society will present the awards funded by the State Public Education Committee of the American Cancer Society.

Honorable Mention - (\$25 or \$50)

| | | |
|------------------------|--------------------|--------------------------------|
| | Kenyatta Y. Lee | Richmond Community High School |
| Third Place - (\$100) | Susan R. Busic | Patrick Henry High School |
| Second Place - (\$150) | Cynthia Squires | Cave Spring High School |
| First Place - (\$200) | Bradley T. Messmer | Menchville High School |

Trip to AJAS - AAAS Meeting for two students and two alternates for presenting outstanding papers

Griffin M. Weber - Dozier Middle School
Kristen Walinski - Patrick Henry High School
Alternate: Mark Gelman - Thomas Jefferson High School
for Science and Technology
Alternate: Anne R. Nester - Yorktown 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.

Kenyatta Y. Lee
Richmond Community High School

Frances and Sydney Lewis Environmental Scholarship

An \$11,500 scholarship (\$2,875 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

Robin J. Rosenfeld
Thomas Jefferson High School for Science and Technology