

# 2017 Prince William - Manassas Regional Science Fair Senior Division

## Grand Prize Winners

Jarrett Lash & Hahnbee Lee, The Governor's School  
Project "Solar Energy Out on a Limb: A Novel Photo-Voltaic Tree Energy"

## Category Winners & Organizational Awards

### Behavioral Sciences

1st place Wamia Said & Tytus Suchotinunt, Patriot High School  
2nd place Deevena Sista & Nnenna Ekoh, Osbourn Park High School  
3rd place Anna Cuccinelli, Seton School

#### *Honorable Mention Awards:*

Abdul Abbasi, Temidayo Adebo, & Shane Saunders, Osbourn Park High School  
Caroline Griffin, Seton School

#### *Organizational Award:*

Deevena Sista & Nnenna Ekoh, Osbourn Park High School  
American Psychological Association

### Biochemistry

1st place Anthony Kerr & Kiegan Menezes, Osbourn Park High School

#### *Organizational Award:*

Caeli McGraw, Seton School  
Armed Forces Communication & Electronic Association

### Chemistry

1st place John Paul Vander Woude & Ethan Highfill, Seton School  
2nd place Maria McIntyre, Seton School  
3rd place Danbi Rhee, Osbourn Park High School

#### *Honorable Mention Awards:*

Shahnuma Jahan, Osbourn Park High School  
Shrey Patel, Osbourn Park High School  
Thrishna Sonnakul & Hufsa Khan, The Governor's School

#### *Organizational Awards:*

Shahnuma Jahan, Osbourn Park High School  
Geological Society of Washington  
National Capital Area Chapter of Toxicology  
Thrishna Sonnakul & Hufsa Khan, The Governor's School  
Mu Alpha Theta  
Virginia Dental Association

### Computer Science

1st place Zachary Nowak, Osbourn High School  
2nd place Anthony Crupi, Osbourn Park High School

*Honorable Mention Awards:*

Sarina Mehta, Patriot High School

*Organizational Awards:*

Zachary Nowak, Osbourn High School

Armed Forces Communication & Electronics Association

Geological Society of Washington

Institute of Electrical Engineering

INTEL International Science and Engineering Fair

Anthony Crupi, Osbourn Park High School

Armed Forces Communication & Electronics Association

Virginia Dental Association

Sarina Mehta, Patriot High School

Armed Forces Communication & Electronics Association

Yale Science and Engineering Association

## **Earth and Planetary Sciences**

2nd place Daniel Stoddard, Potomac High School

*Organizational Awards:*

Daniel Stoddard, Potomac High School

Geological Society of Washington

## **Engineering**

1st place Jarrett Lash & Hahnbee Lee, The Governor's School

2nd place Temidayo Akinbi, Osbourn Park High School

3rd place Syed Saquib, Yaman Shrestha, & Ardean Kim, The Governor's School

*Honorable Mention Awards:*

James Holmes, Seton School

*Organizational Awards:*

Jarrett Lash & Hahnbee Lee, The Governor's School

Armed Forces Communication & Electronics Association

American Institute of Aeronautics and Astronautics

American Meteorological Society

Clean Air Partners

Institute of Electrical Engineering

Optical Society of America

Virginia Dental Association

Joseph Lalli, Seton School

ASM Materials Education Foundation

James Holmes, Seton School

Office of Naval Research

Syed Saquib, Yaman Shrestha, & Ardean Kim, The Governor's School

American Institute of Aeronautics and Astronautics

Armed Forces Communication & Electronics Association

National Capital Area of Skeptics

The Aerospace Corporation

U.S. Air Force Research Laboratory

U.S. Metric Association

Temidayo Akinbi, Osbourn Park High School  
Armed Forces Communication & Electronics Association  
Alexandra Posey & Isabella Posey, Osbourn Park High School  
Armed Forces Communication & Electronics Association

## **Environmental Sciences**

1st place Elizabeth Shablom, Battlefield High School  
2nd place Rebecca Hawkins, Alexander Hughes, & Mengyun Liu, The Governor's School  
3rd place Madeline Jones, Patriot High School

### *Honorable Mention Awards:*

Loza Asmare, Potomac High School

### *Organizational Awards:*

Elizabeth Shablom, Battlefield High School  
ASU Walton Sustainability Solutions Initiative  
Federal Water Quality Association  
Geological Society of Washington  
National Oceanic and Atmospheric Administration  
Prince William County Service Authority  
RICOH USA, Inc.  
U.S. Public Health Service  
Virginia Water Environment Association  
Juliana Terreri, Seton School  
National Capital Area Chapter Society of Toxicology  
Prince William County Service Authority  
Prince William County Solid Waste Division  
Lauren Warner, Paulina Hall, & Shannon Woolfolk, The Governor's School  
Keep Prince William Beautiful  
Loza Asmare, Potomac High School  
U.S. Fish and Wildlife Service  
Federal Water Quality Association  
U.S. Public Health Service  
Madeline Jones, Patriot High School  
Geological Society of Washington  
Rebecca Hawkins, Alexander Hughes, & Mengyun Liu, The Governor's School  
Federal Water Quality Association  
Keep Prince William Beautiful  
National Capital Area Chapter Society of Toxicology  
Prince William County Service Authority  
Virginia Water Environment Association  
Rohaam Altaf, Osbourn Park High School  
ASU Walton Sustainability Solutions Initiative  
Federal Water Quality Association  
U.S. Fish and Wildlife Service  
U.S. Public Health Service

## **Mathematics**

1st place Aden Beyene & Ilene Hong, Battlefield High School

## **Medicine & Health**

1st place Cristina Garcia & Malia Ropati, Potomac High School

2nd place      Skylar Ondrejko, Battlefield High School  
3rd place      Avneeti Singh, Osbourn Park High School

*Honorable Mention Awards:*

Thumay Huynh & Faith Cummings, Osbourn Park High School

**Microbiology**

1st place      Isabella Munson & Salar Hamad, Osbourn Park High School  
2nd place      Binette Wadda, Osbourn Park High School

*Honorable Mention Award:*

Katharine Rowzie, Seton School

*Organizational Awards:*

Binette Wadda, Osbourn Park High School  
National Capital Area Chapter Society of Toxicology  
Isabella Munson & Salar Hamad, Osbourn Park High School  
Virginia Dental Association  
Katharine Rowzie, Seton School  
National Capital Area Chapter Society of Toxicology

**Physics**

1st place      Anne Bray & Daniel Te, The Governor's School  
2nd place      Drew Dalrymple, Seton School  
3rd place      Ramtin Ghaffari, Osbourn Park High School

*Honorable Mention Awards:*

Abtin Ghaffari, Osbourn Park High School  
Matthew Nowak, Osbourn High School

*Organizational Awards:*

Anne Bray & Daniel Te, The Governor's School  
Institute of Electrical Engineering  
Optical Society of America  
Drew Dalrymple, Seton School  
American Institute of Aeronautics and Astronautics  
Virginia Dental Association

**Plant Sciences**

1st place      Sean Bouchery, Rosa Bouchery, & Brandon Medellin, Osbourn Park High School  
2nd place      Theresa Dwane, Seton School  
3rd place      Suet Ying Lau & Janelle Kellam, Osbourn Park High School

*Organizational Awards:*

Sean Bouchery, Rosa Bouchery, & Brandon Medellin, Osbourn Park High School  
American Meteorological Society