

## 2007 Lowcountry Regional Science and Engineering Fair Award Winners

### SPECIAL AWARDS

LSF T-SHIRT DESIGN CONTEST, \$25 cash	Amanda Wilgus, West Ashley High School
American Meteorological Society ( <i>Outstanding Achievement for ability and creativity in an atmospheric science exhibit</i> )	Katie Allison, Academic Magnet High School Leigh Allison, Academic Magnet High School
American Psychological Association ( <i>outstanding research in psychology under the category of Behavioral &amp; Social Sciences</i> )	Adam Mintzer, Addlestone Hebrew Academy
American Society for Quality (Best Use of Measurement)	Keenan Friend - Junior 1 Division \$50 SB, First Baptist Church School Ryan Cavanaugh - Junior 2 Div \$100 SB, Pinewood Preparatory School
American Society for Quality (Best Use of Measurement)(Senior)	Jessica Tumole - Senior Div \$100 SB, Academic Magnet High School
American Society for Quality (Best Use of Statistics) (Junior 1 and 2)	Carlisle Hiott - Junior 1 Division \$50 SB, First Baptist Church School Romil Sharma - Div \$100 SB, Porter-Gaud School
American Society for Quality (Best Use of Statistics) (Senior)	Sherwin Soltani - Senior Div \$100 SB, Academic Magnet High School
American Society of Civil Engineers \$200 SB	John Craver, Porter-Gaud School Davis Reed, Daniel Island School Ryan Cavanaugh, Pinewood Preparatory School
ASM Materials Education Foundation ( <i>best materials engineering project</i> )	Davis Reed, Daniel Island School
Association of Women Geoscientists ( <i>best project in geosciences – only for female students</i> )	Sally Liu, Academic Magnet High School
Discovery Channel Young Scientist Challenge ( <i>for students in grades 5-8 for knowledge in science &amp; ability to communicate effectively</i> )	Christopher Beasley, Pinewood Preparatory School Nolan Coulter, Porter-Gaud School Andrew Davis, Palmetto Christian Academy Keenan Friend, First Baptist Church School Carlisle Hiott, First Baptist Church School Shea Socha, Pinewood Preparatory School
Herbert Hoover Presidential Library Association ( <i>outstanding engineering project</i> )	Keenan Friend, First Baptist Church School
Lowcountry Astronomers Award	Sherwin Soltani, Academic Magnet High School
National Society of Professional Engineers ( <i>outstanding project in engineering</i> )	Ryan Cavanaugh, Pinewood Preparatory School
NOAA "Taking the Pulse of the Planet" Award	Shea Socha, Pinewood Preparatory School
Project Impact Special Award (1st, 2nd, and 3rd place) - SB	Shea Socha, Pinewood Preparatory School Hunter Walpole, First Baptist Church School Danielle Banzon, West Ashley High School
RICOH Sustainable Development Award - entered in a drawing for a digital camera	Shea Socha, Pinewood Preparatory School
SC American Water Works Association (Excellence in Water Award \$50 cash each)	Andrew Davis, Palmetto Christian Academy Hale McCullough, Porter-Gaud School
SC Council of Teachers of Mathematics Award is given to	Jacob Zionce (Junior 2nd place), Addlestone Hebrew Academy
Stockholm Junior Water Prize ( <i>best water project – grades 9-12 only</i> )	Sally Liu, Academic Magnet High School
US Army Awards for scientific and engineering excellence to high school students - will receive Certificate of Achievement and a US Army polo shirt	Alexander Romanczuk - medallion, Academic Magnet High School Alexander Novgorodov, Academic Magnet High School Sally Liu, Academic Magnet High School Leigh Allison, Academic Magnet High School Sherwin Soltani, Academic Magnet High School <b>certificate only</b> Leigh Mataosky, Academic Magnet High School <b>certificate only</b> Juan-Carlos Foust, Academic Magnet High School
US Metric Association ( <i>involves quantitative measurement &amp; best uses SI metric system</i> )	Yupeng Liu, Academic Magnet High School
US Navy - certificate and medallion (Senior division receives a \$50 gift card)	Katie Allison (senior), Academic Magnet High School Rebecca Rosen, Addlestone Hebrew Academy Ethan Clontz, C.E. Williams Middle School Katherine Greenslit, Pinewood Preparatory School
Yale Science and Engineering Association ( <i>outstanding 11<sup>th</sup> grade project in Computer Science, Engineering, Physics or Chemistry</i> ) - certificate & Medallion	Sherwin Soltani, Academic Magnet High School

## CATEGORY RESULTS

### Behavioral & Social Sciences

#### Junior 1 Division

- 1 Carlisle Hiott, First Baptist Church School
- HM Kaitlyn Cumbee, Oakland Elementary School

#### Junior 2 Division

- 1 Adam Mintzer, Addlestone Hebrew Academy
- 2 Romil Sharma, Porter-Gaud School
- 3 Sara Nilges, C.E. Williams Middle School
- HM Amanda Ellis, St. Andrews Middle School
- HM Miranda Carruth, C.E. Williams Middle School

#### Senior Division

- 1 Leigh Mataosky, Academic Magnet High School

### Biological Sciences

#### Junior 1 Division

- 2 Julia Strout, Palmetto Christian Academy

#### Junior 2 Division

- 1 Austin Shepard, Pinewood Preparatory School
- 2 Hunter Baughman, Pinewood Preparatory School
- 3 Henry Oelsner, Porter-Gaud School
- HM Katherine Greenslit, Pinewood Preparatory School

#### Senior Division

- 1 Alexander Novgorodov, Academic Magnet High School
- 2 Katie Hilleke, Academic Magnet High School
- 3 Guilherme Porto, Academic Magnet High School

### Chemistry & Biochemistry

#### Junior 1 Division

- 1 Kellen Hiott, First Baptist Church School
- 2 Forrest Martin, McDonald Elementary School
- 3 Jocelyn Frasier, McDonald Elementary School
- HM Ashley Johnson, McDonald Elementary School
- HM Tiara Trappier, McDonald Elementary School

#### Junior 2 Division

- 1 William Perkins, Palmetto Christian Academy
- 2 En Tzu Angela Liu, C.E. Williams Middle School
- 3 Michael Bockett, First Baptist Church School
- HM Hale McCullough, Porter-Gaud School
- HM Davis Michaelson, Fort Johnson Middle School

#### Senior Division

- 1 Alexander Romanczak, Academic Magnet High School
- 2 Jimmy Mu, Academic Magnet High School
- 3 Sharday Jackson, Garrett Academy of Technology

### Engineering

#### Junior 1 Division

- 1 Keenan Friend, First Baptist Church School
- 2 Patrick Hampton, First Baptist Church School
- 3 Tyler Matthews, St. Andrews Middle School

#### Junior 2 Division

- 1 Nolan Coulter, Porter-Gaud School
- 2 Ryan Cavanaugh, Pinewood Preparatory School
- 3 Davis Reed, Daniel Island School
- HM Andrew Donnelly, Pinewood Preparatory School
- HM Christopher Briner, Pinewood Preparatory School

#### Senior Division

- 1 Leigh Allison, Academic Magnet High School
- 2 Katie Allison, Academic Magnet High School

## Geology & Environmental Sciences

### Junior 1 Division

- 2 Nina Lowenbach, McDonald Elementary School
- 3 Caleb Jarrell, McDonald Elementary School

### Junior 2 Division

- 1 Shea Socha, Pinewood Preparatory School
- 2 Nikki Derbyshire, Porter-Gaud School
- 3 Hunter Walpole, First Baptist Church School

### Senior Division

- 1 Yupeng Sally Liu, Academic Magnet High School
- 2 Jessica Tumolo, Academic Magnet High School
- HM Chelsie Sawyer, West Ashley High School
- HM Danielle Banzon, West Ashley High School

## Mathematics & Computer Science

### Junior 2 Division

- 2 Jacob Zionce, Addlestone Hebrew Academy

### Senior Division

- HM Jordan Ford, Academic Magnet High School
- HM Rosetta Johnson, Garrett Academy of Technology

## Medicine & Health

### Junior 1 Division

- 1 Andrew Davis, Palmetto Christian Academy

### Junior 2 Division

- 1 Anna Stahl, C.E. Williams Middle School
- 2 Ethan Zisk, Porter-Gaud School
- 3 Rhett Baynes, C.E. Williams Middle School
- HM David Rieder, Porter-Gaud School
- HM Elizabeth Blankenship, Pinewood Preparatory School

### Senior Division

- 1 Juan-Carlos Foust, Academic Magnet High School
- HM Alex Smolka, Academic Magnet High School

## Physics & Astronomy

### Junior 1 Division

- 1 Jaleel Smith, McDonald Elementary School
- HM Erika Wesolek, St. Andrews Middle School
- HM Caillyn Gwinnup, Palmetto Christian Academy

### Junior 2 Division

- 1 Christopher Beasley, Pinewood Preparatory School
- 2 Rebecca Rosen, Addlestone Hebrew Academy
- 3 Ethan Clontz, C.E. Williams Middle School
- HM Ethan Gaskins, Pinewood Preparatory School
- HM Douglas Chickarello, Pinewood Preparatory School

### Senior Division

- 1 Sherwin Soltani, Academic Magnet High School

## Team Projects

### Junior 1 Division

- 1 Mikala Cooper-Robinson, Courtney Cowan, Oakland Elementary School

### Junior 2 Division

- 1 Taylor Murphree, Eric Nelson, Max Hasenstab, Pinewood Preparatory School
- 2 Keith Currie, Josh Tyson, Fort Johnson Middle School
- 3 Sarah Hammond, Ester Stoudenmire, Pinewood Preparatory School
- HM Emily Grossen, Catherine Parker, Fort Johnson Middle School
- HM Noelle Clower, Kelsey Orvin, Megan Fish, Pinewood Preparatory School

**FINAL JUDGING***Junior 1 Division*

3	Carlisle Hiott, First Baptist Church School	\$25
2	Andrew Davis, Palmetto Christian Academy	\$35
1	Keenan Friend, First Baptist Church School	\$50
Teacher	Alicia Donohue, First Baptist Church School	\$50 <a href="#">BN.com gc</a>

*Junior 2 Division*

3	Nolan Coulter, Porter-Gaud School	\$25
2	Christopher Beasley, Pinewood Preparatory	\$35
1	Shea Socha, Pinewood Preparatory School	\$50
Teacher	Karen Hames, Pinewood Preparatory School	\$50 <a href="#">BN.com gc</a>

*Senior Division*

HM	Sherwin Soltani, Academic Magnet High School	
HM	Leigh Allison, Academic Magnet High School	
3	Alexander Novgorodov, Academic Magnet High	\$25
2	Yupeng Sally Liu, Academic Magnet High	\$35
1	Alexander Romanczak, Academic Magnet High	\$50
Teacher	William Newton, Academic Magnet High School	\$50 <a href="#">BN.com gc</a>