

**2010 Lowcountry Regional Science and Engineering Fair Award Winners**

**SPECIAL AWARDS**

American Meteorological Society ( <i>Outstanding Achievement for ability and creativity in an atmospheric science exhibit</i> ) - 2 certificates of achievement	Jacob Dustan, Academic Magnet High School Trevor Prioleau, Timberland High School
American Physiological Society Award (best physiology- related project)	Zachary McNellis, Academic Magnet High School
American Psychological Association ( <i>outstanding research in psychology under the category of Behavioral &amp; Social Sciences</i> ) - certificate	Brett Hanson, Academic Magnet High School
American Society for Quality (Best Use of Measurement) - Winners receive certificate and savings bond; Honorable Mention (HM) receives certificate	Junior 1: Lauren Woody, Coastal Christian Prep Junior 1 - HM: Erynn Strange, Springfield Elementary School Junior 2: Brooke Cole, St. Andrews Middle School Senior: David Zhang, Academic Magnet High School Senior - HM: William Zhang, Academic Magnet High School
American Society for Quality (Best Use of Statistics)	Junior 1: Matthew Martin, Palmetto Christian Academy Junior 1 - HM: Sarah Pritchard, Charleston Day School Junior 2: Edward Leber, Palmetto Christian Academy Junior 2 - HM: Caroline Lista, Palmetto Christian Academy Senior: Kaitlyn Fulford, Island Academy Senior - HM: Zachary McNellis, Academic Magnet High School
ASM Materials Education Foundation ( <i>best materials engineering project; a formal certificate &amp; medallion will be mailed</i> )	Matthew Bratcher, Rosemary Middle School
Association of Women Geoscientists ( <i>best project in geosciences – only for female students</i> )	Elizabeth Lehnhoff, Springfield Elementary School
Charleston County Project Impact Best Hazard Theme Project - savings bond	1st: Trevor Prioleau, Timberland High School 2nd: Caroline Russell, First Baptist Church School 3rd: Seth Adams, Charleston Charter School for Math and Science
Charleston County Project Impact Best Environmental Quality Project - 1st - 3rd receive savings bonds, HM receives certificate	1st: Michaela O'Brien, Coastal Christian Preparatory School 2nd: Jacob Dustan, Academic Magnet High School 3rd: William Broome, Timberland High School HM: Gabriela Esnaola, Porter Gaud HM: Caroline Lista, Palmetto Christian Academy
Charleston County Soil and Water Conservation District - savings bond	Junior 1 - 1st: Elizabeth Lehnhoff, Springfield Elementary School Junior 1 - 2nd: Brianna Gerhardt, Charleston Charter School for Math and Science Junior 2 - 1st: Gabriela Esnaola, Porter Gaud Junior 2 - 2nd: Caroline Lista, Palmetto Christian Academy
Intel Excellence in Computer Science ( <i>top first place winner of Computer Science category - grades 9-12 only; \$200 to be mailed and certificate</i> )	Kaitlyn Fulford, Island Academy
National Society of Professional Engineers ( <i>outstanding project in engineering</i> ) - certificate, lapel pin, and chance to win \$1000	Somer Hand, Academic Magnet High School
NOAA "Taking the Pulse of the Planet" Award ( <i>research emphasizes NOAA's mission to understand and predict changes in Earth's environment and conserve and manage coastal and marine resources to meet our Nation's economic, social, and environmental needs.</i> ) - certificate and medallion	Trevor Prioleau, Timberland High School
Ricoh Americas Corporation ( <i>outstanding efforts in addressing issues of environmental responsibility and sustainable development</i> ) - certificate	William Broome, Timberland High School
SC American Water Works Association Water Drop Award ( <i>one junior and one senior division winners</i> ) - certificate and \$50 cash	JR: Penelope Summerall, Charleston Day School SR:Trevor Prioleau, Timberland High School
SC Junior Academy of Science - invitation to present at the SCJAS meeting on April 16-17, 2010 in Charleston, SC	David Zhang, Academic Magnet High School Vishnu Narayanan, Academic Magnet High School Jacob Sterling, Academic Magnet High School Somer Hand, Academic Magnet High School
Society for In Vitro Biology ( <i>most outstanding 11th grade student exhibiting in the areas of plant or animal in vitro biology or tissue culture</i> ) - certificate	David Zhang, Academic Magnet High School
US Air Force Awards ( <i>for scientific and engineering excellence; grades 9-12 only</i> ) - 4 awards each containing computer messenger bag, MP3 player, a jotter, mini twist pen, and certificate	David Zhang, Academic Magnet High School Vishnu Narayanan, Academic Magnet High School Jacob Sterling, Academic Magnet High School Somer Hand, Academic Magnet High School
US Metric Association ( <i>project involving quantitative measures and which best uses the SI metric system</i> ) certificate	Sarah Pritchard, Charleston Day School

**CATEGORY RESULTS****Behavioral & Social Sciences***Junior 1 Division*

1 Abby LeRoy Addlestone Hebrew Academy

*Junior 2 Division*

1 Olivia Murk Caya Coastal Christian Preparatory School

2 Chelsea McKelvey Porter Gaud

3 Kara Williams First Baptist Church School

HM Jacob D'Antoni Palmetto Christian Academy

*Senior Division*

1 Brett Hanson Academic Magnet High School

2 Jennifer Dangerfield Timberland High School

3 Jess Thompson Timberland High School

**Biological Sciences***Junior 1 Division*

1 Anne Newman Palmetto Christian Academy

2 Mena Kerrison Charleston Day School

3 Brianna Gerhardt Charleston Charter School for Math and Science

HM Ann McLean Charleston Charter School for Math and Science

*Junior 2 Division*

1 Kristopher Kitchen Porter Gaud

2 Duncan Nowling Fort Johnson Middle School

3 Michaela O'Brien Coastal Christian Preparatory School

*Senior Division*

1 David Zhang Academic Magnet High School

2 Alexandra DeLuna Timberland High School

3 Marquell McFadden Timberland High School

**Chemistry & Biochemistry***Junior 1 Division*

1 Lauren Wooddy Coastal Christian Preparatory School

2 Alyssa Craig Angel Oak Elementary School

3 Olivia Acheson Springfield Elementary School

*Junior 2 Division*

1 Joseph Bailey Rosemary Middle School

2 Katie Kassouf Palmetto Christian Academy

3 Caniseja Miller Rosemary Middle School

*Senior Division*

1 Vishnu Narayanan Academic Magnet High School

**Engineering***Junior 1 Division*

1 Johnny Davis West Ashley Middle School

2 Caroline Russell First Baptist Church School

3 Jonathan Rogers Rosemary Middle School

HM Christian Tisdale Rosemary Middle School

HM Sarah Rucker Angel Oak Elementary School

*Junior 2 Division*

1 Edward Leber Palmetto Christian Academy

2 Matthew Bratcher Rosemary Middle School

3 Robert Willingham West Ashley Middle School

HM David Garcia West Ashley Middle School

HM Patrick Dingman West Ashley Middle School

*Senior Division*

1 Somer Hand Academic Magnet High School

2 Adam Matyi-Szabo Academic Magnet High School

3 Jasmine Oliphant Garrett Academy of Technology

HM Kierra Brown Garrett Academy of Technology

**Geology & Environmental Sciences***Junior 1 Division*

1	Penelope Summerall	Charleston Day School
2	Lizzie Lehnhoff	Springfield Elementary School
3	Seth Adams	Charleston Charter School for Math and Science
HM	Drew Biddix	St. Andrews Middle School
HM	Wilbert Suggs	First Baptist Church School

*Junior 2 Division*

1	Parker Chavis	Porter Gaud
2	Caroline Lista	Palmetto Christian Academy
3	Sam Book	Addlestone Hebrew Academy

*Senior Division*

1	Brenden Bitton	Timberland High School
2	Trevor Prioleau	Timberland High School
3	William Broome	Timberland High School
HM	Jake Dustan	Academic Magnet High School
HM	Daniel Flagler	Timberland High School

**Mathematics & Computer Science***Junior 1 Division*

1	Matt Martin	Palmetto Christian Academy
2	Hunter Morris	Rosemary Middle School

*Senior Division*

1	Kaitlyn Fulford	Island Academy
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**Medicine & Health***Junior 1 Division*

1	Adrian Evangelista	Coastal Christian Preparatory School
2	Starr Williams	St. Andrews Middle School

*Junior 2 Division*

1	Tanner Renken	Porter Gaud
2	Tyler Hoover	Palmetto Christian Academy
3	Darby Davenport	Porter Gaud

*Senior Division*

1	Jacob Sterling	Academic Magnet High School
2	Joseph Pate	Academic Magnet High School
3	Mahvash Husain	Academic Magnet High School
HM	Jessica Afrin	Academic Magnet High School
HM	Houston Marie Rhodes	Academic Magnet High School

**Physics & Astronomy***Junior 1 Division*

1	Chris Salter	St. Andrews Middle School
2	Forrest Redden	Coastal Christian Preparatory School
3	Caroline Hearne	Palmetto Christian Academy

*Junior 2 Division*

1	Kylie Crandall	Palmetto Christian Academy
2	Leah Ratterree	Legacy Home School
3	Joshua Lambert	Rosemary Middle School

**Team Projects***Junior 1 Division*

1	Megan Shackelford & Savannah Roper	Coastal Christian Preparatory School
2	Kylah Chase & Logan Landfried	Coastal Christian Preparatory School
3	Caroline Sams & Emily Shallo	Coastal Christian Preparatory School
HM	Emily Dail & Taylor Cristo	Coastal Christian Preparatory School
HM	Ashley Browne & Paige Evangelista	Coastal Christian Preparatory School

*Junior 2 Division*

1	Lauren Divinagracia & Riley Michelsen	Fort Johnson Middle School
2	Adam Lee & Jaret Knaub-Maxwell	Fort Johnson Middle School
3	Nicole Sullivan & Sarah Darley	Fort Johnson Middle School
HM	Erica Castiglione & Krystal Magwood	Fort Johnson Middle School

*Senior Division*

1	Danni Nelson & Jessica Kent	Garrett Academy of Technology
2	Kiera Richardson & Dominique Walker	Garrett Academy of Technology
3	Ana Perez, Octavia Jenkins, Tyra Brown	Garrett Academy of Technology

**FINAL JUDGING***Junior 1 Division*

HM	Savannah Roper & Megan Shackelford	Coastal Christian Preparatory School
HM	Chris Salter	St. Andrews Middle School
3	Matt Martin	Palmetto Christian Academy
2	Lauren Woody	Coastal Christian Preparatory School
1	Penelope Summerall	Charleston Day School
Teacher	Jocelyn Hurley	

*Junior 2 Division*

HM	Joseph Bailey	Rosemary Middle School
HM	Riley Michelsen & Lauren Divinagracia	Fort Johnson Middle School
3	Olivia Murk Caya	Coastal Christian Preparatory School
2	Edward Leber	Palmetto Christian Academy
1	Kristopher Kitchen	Porter Gaud
Teacher	Amy Flynn	

*Senior Division*

HM	David Zhang	Academic Magnet High School
3	Vishnu Narayanan	Academic Magnet High School
2	Jacob Sterling	Academic Magnet High School
1	Somer Hand	Academic Magnet High School
Teacher	Lisa Staley	
Mentor	Barry Hand, Lisa Hand	