

2017 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>)	Norman Baez, Stall High School Charles Carter, Stall High School
American Psychological Association (<i>Outstanding research in psychology</i>)	Shaoni Dasgupta, Academic Magnet High School
ASM Materials Education Foundation (best materials engineering project)	Natalia Abeles, Sydney Heller & Emma Ridenhour, Laing Middle School Christian Asero & Matthew Wolan, Laing Middle School
Association of Women Geoscientists (<i>best project in geosciences – only for female students</i>) - certificate	Grace Ghegan, Charleston Day School Ryleigh Neubauer, Georgetown School for the Arts and Sciences
Boeing Award (<i>best project in aerospace engineering</i>)	Michael Shipman & Jack Ferm, Porter-Gaud School
Broadcom MASTERS (Math, Applied Science, Technology, and Engineering for Rising Stars) - a competition for 6th, 7th, and 8th grade students who participate in an affiliated fair. As a nominee, the following students are eligible to register and complete an on-line application to compete nationally for valuable prizes and awards including the grand prize of \$25,000. From the online entrants, the top 300 Semifinalists will be announced in August 2014 and 30 Finalists will be announced by early September. Finalists will win an all-expense-paid trip to Washington, DC in October 2014 to compete in the Broadcom MASTERS Finals.	Grace Ghegan, Charleston Day School Turner Orvin & Asher Western, Daniel Island School Benjamin Lipschutz, Adlestone Hebrew Academy Emerson Bain, Philip Simmons Middle Whit Ravenel, Charleston Day School
Intel Excellence in Computer Science (<i>most outstanding project in Computer Science - grades 9-12 only</i>)	Lindsey Fauerbach, East Cooper Montessori Charter School
NASA Earth System Science Award (<i>project displays the perspective of the interconnectedness of all that happens here on Earth</i>)	Ryleigh Neubauer, The Georgetown School of Arts and Sciences
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>)	Madison Freedy, Academic Magnet High School
Medical University of SC Medical Scientist in Training Award (<i>excellence in biomedical or biological science research</i>)	Jenny Yao, Academic Magnet
Ricoh Americas Corporation (<i>outstanding efforts in addressing issues of environmental responsibility and sustainable development</i>) - certificate	Emerson Bain, Philip Simmons Middle Mattie Hood, Charleston Day School Emerson Bain, Philip Simmons Middle
Charleston Soil and Water Conservation District Best Conservation/Environmental Award <i>for the Junior and Senior Divisions</i>	Sydni Thomas, The Georgetown School of Arts and Sciences Maddison Freedy, Academic Magnet High School
SC Water Works Association Excellence in Water Award	Sydni Thomas, The Georgetown School of Arts and Sciences Jack Small, The Georgetown School of Arts and Sciences Ryleigh Neubauer, The Georgetown School of Arts and Sciences
SI Metric Award (<i>for best use of SI units</i>)	Grayha Hejl, The Georgetown School of Arts and Sciences
Society of In Vitro Biology Award (<i>outstanding project in the areas of plant or animal in vitro biology</i>)	Jenny Yao, Academic Magnet High School
Yale Science and Engineering Award (<i>outstanding exhibit in Science or Engineering</i>)	Jenny Yao, Academic Magnet High School

CATEGORY RESULTS

Behavioral & Social Sciences

Junior 1 Division

1	Pierson Tobin	Charleston Day School
2	Kat Dawkins & Madison Krawk	Lowcountry Leadership Charter School
3	Tricia Eisenhart & Zahara Goldkin	Addlestone Hebrew Academy

Junior 2 Division

1	Sarah Allen	Porter-Gaud School
2	Elena Hardman	Porter-Gaud School

Senior 1 Division

1	Rachel Eisenhart	Palmetto Scholars Academy
2	Ashley Hensley	The Georgetown School of Arts and Sciences
3	Amani Lazarus & Kimberly McCurdy	Palmetto Scholars Academy

Senior 2 Division

1	Ali Delambo	Academic Magnet High School
2	Shaoni Dasgupta	Academic Magnet High School

Biological Sciences

Junior 1 Division

1	Megan Anderson & Sophia Grace Taber	Buist Academy
2	Ella Bragg	Charleston Day School
3	Joshua Middleton	Lowcountry Leadership Charter School
HM	Brooks Bennett & Patrick Bergstrom	Palmetto Scholars Academy

Junior 2 Division

1	Benjamin Lipschutz	Addlestone Hebrew Academy
2	Jack Small	The Georgetown School of Arts and Sciences
3	Maddie Brown	Palmetto Scholars Academy
HM	Qynn Gadson	Lowcountry Leadership Charter School

Senior 1 Division

1	Elle Vail	Palmetto Scholars Academy
2	Savannah Huffman	Palmetto Scholars Academy
3	Heidi Gyselink	Lowcountry Leadership Charter School
HM	Jada Gamble	The Georgetown School of Arts and Sciences

Senior 2 Division

1	Jenny Yao	Academic Magnet High School
2	Elizabeth Ann Boling	Academic Magnet High School
3	Hannah Frankel	Academic Magnet High School
HM	Erin Schnell	Academic Magnet High School
HM	Sara Moussa	Academic Magnet High School

Chemistry & Biochemistry

Junior 1 Division

1	Whit Ravenel	Charleston Day School
2	Mason Cogswell	Charleston Day School
3	Gavin Padgett	Colleton County Middle School
HM	Lisee Skoglund	Charleston Day School

Junior 2 Division

1	Claire Gaddy	Buist Academy
2	Ella Drew Dodd	Buist Academy
3	Molly Tate	Charleston Day School
HM	William Thrower	Daniel Island School

Senior 1 Division

1	Qulex Dickerson	The Georgetown School of Arts and Sciences
2	Camille McCarty	The Georgetown School of Arts and Sciences

Earth & Environmental Sciences

Junior 1 Division

1	Grace Ghegan	Charleston Day School
2	Ridgely Brewer	St. Andrew's School of Math and Science
3	Mattie Hood	Charleston Day School
HM	Siri Helmstetter	Palmetto Scholars Academy
HM	Issaac Shumard	The Georgetown School of Arts and Sciences

Junior 2 Division

1	Emerson Bain	Philip Simmons Middle
2	Ethan Anderson	The Georgetown School of Arts and Sciences
3	Kate Attias	The Georgetown School of Arts and Sciences

HM	Mannie Marcantoni	The Georgetown School of Arts and Sciences
HM	Nico Marcantoni	The Georgetown School of Arts and Sciences

Senior 1 Division

1	Sydni Thomas	The Georgetown School of Arts and Sciences
2	Ryleigh Neubauer	The Georgetown School of Arts and Sciences

Senior 2 Division

1	Madison Freedy	Academic Magnet High School
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Engineering, Embedded Systems and Mathematics

Junior 1 Division

1	Lindsey Fauerbach	East Cooper Montessori Charter School
2	Matthew Picard	Charleston Day School
3	Darren McCants	Charleston Day School

Junior 2 Division

1	Michael Shipman & Jack Fern	Porter-Gaud School
2	Natalia Abeles, Sydney Heller, Emma Ridenhour Christian Asero, & Matthew Wolan	Laing Middle School of Science and Technology
3	Tay Jones	Lowcountry Leadership Charter School
HM	Aaron Biorginio	Pinewood Preparatory School

Senior 1 Division

1	Aaron Smith & William Wojtkowski	Lowcountry Leadership Charter School
2	Drayton Keller	Lowcountry Leadership Charter School

Physics & Astronomy

Junior 1 Division

1	Asher Western & Turner Orvin	Daniel Island School
2	Decator Woodard	St. Andrew's School of Math and Science

Junior 2 Division

1	Benjamin Whitley & Preston Sessoms	Buist Academy
2	Gilli Hubara & Mendel Refson	Addlestone Hebrew Academy
3	Adam Dale	Palmetto Scholars Academy

Senior 1 Division

1	Brynn Jackson	The Georgetown School of Arts and Sciences
2	Zackary Wesolowski	The Georgetown School of Arts and Sciences
3	Margaret Buxton	The Georgetown School of Arts and Sciences
HM	Grayha Hejl	The Georgetown School of Arts and Sciences

Senior 2 Division

1	Norman Baez & Charles Carter Jr.	R.B. Stall High School
2	Matthew King	Lowcountry Leadership Charter School

FINAL JUDGING*Junior 1 Division*

3 Turner Orvin & Asher Western
2 Grace Ghegan
1 Lindsey Fauerbach
Teacher Ms. Callie Dollahan

Junior 2 Division

3 Whit Ravenel
2 Emerson Bain
1 Benjamin Lipschutz
Teacher Ms. Ryann Lyden

Senior 1 Division

3 Aaron Smith & William Wojtkowski
2 Sydney Thomas
1 Rachel Eisenhart
Teacher Dr. Dina Mosely

Senior 2 Division

3 Norman Baez & Charles Carter Jr.
2 Ali Delambo
1 Jenny Yao
Teacher Ms. Katy Metzner-Roop

FINAL JUDGING

Daniel Island School
Charleston Day School
East Cooper Montessori Charter School
East Cooper Montessori Charter School

Charleston Day School
Philip Simmons Middle
Addlestone Hebrew Academy
Addlestone Hebrew Academy

Lowcountry Leadership Charter School
The Georgetown School of Arts and Sciences
Palmetto Scholars Academy
Palmetto Scholars Academy

R.B. Stall High School
Academic Magnet High School
Academic Magnet High School
Academic Magnet High School

Ali, Jenny and Ms. Metzner-Roop will receive an expenses paid trip to the Intel International Science and Engineering Fair in Los Angeles, CA. Their expenses are paid by the Charleston Defense Contractors Association and the College of Charleston.