

2018 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>)	Emerson Bain, Philip Simmons Middle
Association of Women Geoscientists (<i>best project in geosciences – only for female students</i>) - certificate	Camper Dickinson, Georgetown School of Arts and Sciences
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.	Summer Del Valle, Daniel Island School Luke Morris, Colby Nicholson, Atticus Whistler, Orange Grove Middle School Hadassah Sterfeld, Addestone Hebrew Academy Ella Cheek, The Georgetown School of Arts and Sciences
NASA Earth System Science Award (project displays the perspective of the interconnectedness of all that happens here on Earth)	Josh Middleton, Lowcountry Leadership Charter 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>)	Luke McAlister, Charleston Day School
Medical University of SC Medical Scientist in Training Award (<i>excellence in biomedical or biological science research</i>)	Emma Ladd, Academic Magnet High School
Ricoh Americas Corporation (<i>outstanding efforts in addressing issues of environmental responsibility and sustainable development</i>) - certificate	Gus Mustmanno, Daniel Island School
Charleston Soil and Water Conservation District Best Conservation/Environmental Award for the Junior and Senior Divisions	Camper Dickinson, The Georgetown School of Arts and Sciences Josh Middleton, Lowcountry Leadership Charter School Drayton Keller, Lowcountry Leadership Charter School Matthew King, Lowcountry Leadership Charter School
SC Water Works Association Excellence in Water Award	Matthew King, Lowcountry Leadership Charter School
Yale Science and Engineering Award (outstanding exhibit in Science or Engineering)	Anna Smirnova, Academic Magnet High School

CATEGORY RESULTS

Behavioral & Social Sciences

Junior 1 Division

1	Jenna Cox	Colleton County Middle School
2	Logan Swails	The Georgetown School of Arts and Sciences
3	Nasiyah Turnstalle	The Georgetown School of Arts and Sciences

Junior 2 Division

1	Ella Cheek	The Georgetown School of Arts and Sciences
2	Isaac Shumard	The Georgetown School of Arts and Sciences
3	Amanda Riegel	Palmetto Scholars Academy

Senior 1 Division

1	Naomi Higgins	The Georgetown School of Arts and Sciences
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Biological Sciences

Junior 1 Division

1	Simmons Collins	Charleston Day School
2	Taj Barthelmas	St. Andrews School of Math and Science
3	Annika VillaFranca	The Georgetown School of Arts and Sciences

Junior 2 Division

1	Ayden Tumbleston	Lowcountry Leadership Charter School
2	Elena Hardiman	Porter-Gaud School
3	Maddie Brown	Palmetto Scholars Academy

Senior 1 Division

1	Ishraq Haque	Academic Magnet
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Senior 2 Division

1	Emma Ladd	Academic Magnet High School
2	Khalid Birch	Palmetto Scholars Academy
3	Gregg Gardner	Academic Magnet High School

Chemistry & Biochemistry

Junior 1 Division

1	Sam Owens	Lowcountry Leadership Charter School
2	Margaret Smith	Charleston Day School
3	Louisa Garrett	St. Andrews School of Math and Science

Junior 2 Division

1	Hadassah Sternfeld	Addlestone Hebrew Academy
2	Maggie O'Brien/Mary Kate O'Brien	Palmetto Scholars Academy
3	Dina Schager/Brit Weinstein	Addlestone Hebrew Academy

Senior 1 Division

1	Dowling Hyatt/David Jackson	Lowcountry Leadership Charter School
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Senior 2 Division

1	Anna Smirnova	Academic Magnet High School
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Earth & Environmental Sciences

Junior 1 Division

1	Summer Del Valle	Daniel Island School
2	Camper Dickinson	The Georgetown School of Arts and Sciences
3	Luke McAllister	Charleston Day School

Junior 2 Division

1	Josh Middleton	Lowcountry Leadership Charter School
2	Gus Musmanno	Daniel Island School
3	Riley Duttera/Trinity Hubler	Daniel Island School

Senior 1 Division

1	Drayton Keller	Lowcountry Leadership Charter School
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Senior 2 Division

1	Matthew King	Lowcountry Leadership Charter School
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Engineering, Embedded Systems and Mathematics

Junior 1 Division

1	Calvin Volkman	East Cooper Montessori Charter School
2	Lindsay Fauerbach	East Cooper Montessori Charter School
3	Whitney Chapman	Colleton County Middle School

Junior 2 Division

1	Luke Morris/Colby Nicholson/Atticus Whistler	Orange Grove Middle School
2	Jaque Greene/Thomas Venning	Phillip Simmons Middle School
3	Forrest Cummings/Dizz Oliver	Orange Grove Middle School

Senior 1 Division

1	Jonthan Lambert	The Georgetown School of Arts and Sciences
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Physics & Astronomy

Junior 1 Division

1	Axel Gruber	St. Andrew's School of Math and Science
2	Valencia Stanley/Imari Brown	Mitchell Elementary
3	Catherine Tremblay LaPointe	Charleston Day School

Junior 2 Division

1	Sarah Cavatoni	Porter-Gaud School
2	Emerson Bain	Phillip Simmons Middle School
3	Adam Dale	Palmetto Scholars Academy

Senior 1 Division

1	Samantha Quartuccio/Soumit Sarkar	Palmetto Scholars Academy
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FINAL RESULTS

Junior 1 Division

3	Calvin Volkmann	East Cooper Montessori Charter School
2	Summer Del Valle	Daniel Island School
1	Sam Owens	Lowcountry Leadership Charter School
Teacher	Ms. Michelle Polkey	Lowcountry Leadership Charter School

Junior 2 Division

3	Luke Morris, Colby Nicholson, Atticus	Orange Grove Middle School
2	Hadassah Sternfeld	Addlestone Hebrew Academy
1	Ella Cheek	The Georgetown School of Arts and Sciences
Teacher	Dr. Michelle Neubauer	The Georgetown School of Arts and Sciences

Senior 1 Division

3	Jonthan Lambert	The Georgetown School of Arts and Sciences
2	Samantha Quartuccio/Soumit Sarkar	Palmetto Scholars Academy
1	Naomi Higgins	The Georgetown School of Arts and Sciences
Teacher	Dr. Michelle Neubauer	The Georgetown School of Arts and Sciences

Senior 2 Division

3	Matthew King	Lowcountry Leadership Charter School
2	Emma Ladd	Academic Magnet High School
1	Anna Smirnova	Academic Magnet High School
Teacher	Ms. Katy Metzner-Roop	Academic Magnet High School

Anna Smirnova and Naomi Higgins (with their teachers Ms. Katy Metzner-Roop and Dr. Michelle Neubauer) will receive an expenses paid trip Engineering to the Intel International Science and Fair in Pittsburgh, PA.