

Sea Island Regional Science Fair High School Awards – 2008

Overall Awards (Junior Division, Grades 9 & 10 - Individual)

- 1st Clara Chalk, Grade 9, Hilton Head Preparatory School – Oyster Odyssey
 - Competitor at Intel® International Science and Engineering Fair – Atlanta, GA
- 2nd Minda Backus, Grade 9, Beaufort Academy- Pecan Elixir: A Natural Herbicide
 - Competitor at Intel® International Science and Engineering Fair – Atlanta, GA
- 3rd Brittney Parker, Grade 9, Hilton Head Preparatory School – Anything He Can Do, She Can Do Better
 - Observer at Intel® International Science and Engineering Fair – Atlanta, GA
- 4th Nathaniel Rollings, Grade 10, Beaufort Academy – Does Fly Ash Prevent Sulfate Attack?
 - Observer at Intel® International Science and Engineering Fair – Atlanta, GA

Overall Awards (Junior Division, Grades 9 & 10 - Team)

- 1st Patrick Andrews and Reid D’Amico, Grade 9, Hilton Head Preparatory School – Marsh Madness
 - Competitors at Intel® International Science and Engineering Fair – Atlanta, GA
- 2nd Charlotte Westcob and Kara Tedder, Grade 10, Beaufort Academy, Moment of Truth
- 3rd Tyler Dunn & Ali Serpe, Grade 10, Hilton Head High School – Investigation of Disinfectant Procedures
- 4th Miranda Martin and Madison Martin, Grade 10, Hilton Head Preparatory School – Pretty Woman

Category and Special Awards (Junior Division, Grades 9 & 10)

Botany/Microbiology

- 1st Clara Chalk, Grade 9, Hilton Head Preparatory School – Oyster Odyssey
 - United States Air Force Award
 - United States Metric Association Award
 - Stockholm Junior Water Prize
 - Water Drop/Works (BJWSA) Award
- 2nd Minda Backus, Grade 9, Beaufort Academy- Pecan Elixir: A Natural Herbicide
 - United States Air Force Award
 - RICOH Sustainable Development Award
 - I-Sweep Nomination (Environment)

Chemistry/Biochemistry

- 1st Luke Hetherington, Grade 10, Beaufort Academy – A Comparison of Bone DNA Extraction
 - United States Air Force Award

Environmental

- 1st Chelsea Mixson, Grade 10, Beaufort Academy – Fresh ‘n Salty
 - Stockholm Junior Water Prize

Math/Engineering/Computer Science

- 1st Nathaniel Rollings, Grade 10, Beaufort Academy – Does Fly Ash Prevent Sulfate Attack?
 - ASM Materials Education Foundation Award
 - National Society of Professional Engineers Award
- 2nd Richie Dextraze, Grade 9, Hilton Head Preparatory School – Hovering Helps 2
 - Herbert Hoover Presidential Library Association Award
- 3rd Julie Eckstrom, Grade 10, Beaufort Academy – Web Safety
 - Intel Excellence Computer Science Award

Physics/Earth and Space Science

- 1st Jill Griswold, Grade 10, Beaufort Academy- Heat Me Up

Social and Behavioral

- 1st Brittney Parker, Grade 9, Hilton Head Preparatory School – Anything He Can Do, She Can Do Better
 - Mu Alpha Theta Award
- 2nd Ryan Badger, Grade 10, Hilton Head Preparatory School – Memory
 - American Psychological Association Award
- 3rd Ben Ranney, Grade 9, Hilton Head Preparatory School – What’s Your Animal?

Zoology, Health and Medicine

- 1st Jarrett Nixon, Grade 10, Hilton Head Preparatory School – Anything You Can Do I Can Do Butter
- 2nd Taylor Paul, Grade 10, Hilton Head Preparatory School – Heart Beat Away

Team Life Science

- 1st Patrick Andrews and Reid D'Amico, Grade 9, Hilton Head Preparatory School – Marsh Madness
 - Stockholm Junior Water Prize
 - Water Drop/Works (BJWSA) Award
 - American Meteorological Society Award
 - National Oceanic and Atmospheric Award
- 2nd Charlotte Westcob and Kara Tedder, Grade 10, Beaufort Academy, Moment of Truth
- 3rd Tyler Dunn & Ali Serpe, Grade 10, Hilton Head High School – Investigation of Disinfectant Procedures
 - United States Air Force Award
- 4th Miranda Martin and Madison Martin, Grade 10, Hilton Head Preparatory School – Pretty Woman
- Honorable Mentions: Nathan Akers and Ben Post, Grade 9, Beaufort Academy – The Effect of Temperature pH Levels of Eye Medication
 - Bailey Guilloud and Clare Hatcher, Grade 9, Beaufort Academy – Time to Hang Up
 - Nicky Kunz and Kevin Fallon, Grade 9, Hilton Head Preparatory School - Fine Motor Skills
 - Morgan Simmons and Lane Czura, Grade 9, Hilton Head Preparatory School - Bacteria Growth in Water Bottles
 - Stockholm Junior Water Prize

Team Physical Science

- 1st Taylor Clark and Kathleen Blum, Grade 9, Hilton Head Preparatory School– Air Today, Gone Tomorrow
- 2nd KateLynn Gintz and Kate Brunori, Grade 9, Hilton Head Preparatory School – Watch Out for that Bump?
 - Association for Women Geoscientists Award
- 3rd Caroline Santorum and Amanda Blair, Grade 9, Hilton Head Preparatory School – Ironic Attraction

Overall Awards (Senior Division, Grades 11 & 12 – Individual)

- 1st Katie Stine, Grade 11, Hilton Head Preparatory School – Deflection Over Disaster: Metal Deflection Devices to Prevent Airplane Engine Destruction, Phase II
 - Competitor at Intel® International Science and Engineering Fair – Atlanta, GA
- 2nd Ryan Clark, Grade 12, Hilton Head Preparatory School – Improving Laser Efficiency Solid Fluorescent Converters
 - Competitor at Intel® International Science and Engineering Fair – Atlanta, GA
- 3rd Leo Magrini, Grade 11, Hilton Head Preparatory School – Remember to Forget?
 - Observer at Intel® International Science and Engineering Fair – Atlanta, GA
- 4th Taylor Trew, Grade 11, Hilton Head Preparatory School – The Stroke Belt: The Protection of s-Nitrosoglutathione on Experimental Focal Cerebral Ischemia Injuries in Sprague Dawley Rats
 - Observer at Intel® International Science and Engineering Fair – Atlanta, GA

Overall Awards (Senior Division, Grades 11 & 12 - Team)

- 1st Meghan Brown, Colby Foss, and Claire Noonan, Grade 11, Hilton Head Preparatory School – The Effect of TGF Beta on Human Papilloma Virus
 - Competitors at Intel® International Science and Engineering Fair – Atlanta, GA
- 2nd Aaron Schroeder, Sebastien Damas, and Sam Hariharan, Grades 12, Hilton Head Preparatory School – Are First Impressions Statistically Significant?

Category Awards and Special Awards (Senior Division, Grades 11 & 12)

Botany/Microbiology

- 1st Anna Gardner, Grade 12, Hilton Head Preparatory School – What You're Really Drinking
 - Stockholm Junior Water Prize

Math/Engineering/Computer Science

- 1st Katie Stine, Grade 11, Hilton Head Preparatory School – Deflection Over Disaster: Metal Deflection Devices to Prevent Airplane Engine Destruction, Phase II
 - United States Air Force Award
 - 1st Place General Dynamics Award
 - Herbert Hoover Presidential Library Association Award
 - I-Sweep Nomination (Engineering)
 - Yale Science and Engineering Award
 - Brent Tyler Memorial Award for Innovation

Physics/Earth and Space Science

- 1st Ryan Clark, Grade 12, Hilton Head Preparatory School – Improving Laser Efficiency Solid Fluorescent Converters
 - 2nd Place General Dynamics Award
 - I-Sweep Nomination (Energy)
 - ASM Materials Education Foundation Award
- 2nd Margaret Hancock, Grade 11, Hilton Head Preparatory School – Watt’s Up?
- 3rd Jordy Harris, Grade 11, Hilton Head Preparatory School - Thermal Efficiency of Sweater Materials
 - RICOH Sustainable Development Award

Social and Behavioral

- 1st Leo Magrini, Grade 11, Hilton Head Preparatory School – Remember to Forget?
 - American Psychological Association Award
- 2nd Jordan Gauby, Grade 11, Hilton Head Preparatory School - Cars and Phones: A Deadly Combination
- 3rd Thad Sulek, Grade 11, Hilton Head Preparatory School – Audio vs. Visual Learning

Zoology, Health and Medicine

- 1st Taylor Trew, Grade 11, Hilton Head Preparatory School – The Stroke Belt: The Protection of s-Nitrosoglutathione on Experimental Focal Cerebral Ischemia Injuries in Sprague Dawley Rats
 - 2nd Alex Blair, Grade 11, Hilton Head Preparatory School - The Placebo Effect
- ### **Team Life Science**
- 1st Meghan Brown, Colby Foss, and Claire Noonan, Grade 11, Hilton Head Preparatory School_- The Effect of TGF Beta on Human Papilloma Virus
 - United States Metric Association Award
 - Society for In Vitro Biology Award
 - 2nd Aaron Schroeder, Sebastien Damas, and Sam Hariharan, Grades 12, Hilton Head Preparatory School – Are First Impressions Statistically Significant?
 - South Carolina Council for Teachers of Mathematics Award
 - Mu Alpha Theta Award