

## Sea Island Region Science Fair Middle School Awards 2008

### Overall Awards

- 1<sup>st</sup> Russell Freed, Grade 7, Hilton Head Prep School – Ballistics Statistics  
Observer to The Intel® International Science and Engineering Fair- Atlanta, GA
- 2<sup>nd</sup> Christian Steinmetz, Grade 6, Hilton Head Prep School – Testing the Effects of Parabolic Reflectors on Wireless Routers
- 3<sup>rd</sup> Adam Oppenheimer, Grade 8, Hilton Head Prep School – Lethal Photosensitization
- 4<sup>th</sup> Matt Zitello & Marc Ochsner, Grade 7, Hilton Head Prep School – Rat Race

### Category and Special Awards

#### Botany/Microbiology

- 1<sup>st</sup> Mark Oppenheimer, Grade 7, Hilton Head Preparatory School – Laser Rood Debridement
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 2<sup>nd</sup> Carter Julseth, Grade 7, Hilton Head Island Middle School – Scarifying Carrot, Radish, and Pepper Seeds
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 3<sup>rd</sup> Natassa B. Holmes, Grade 6, Beaufort Middle School – Hand Towel vs. Dryer
- 4<sup>th</sup> Alexandra Kenneweg, Grade 7, Hilton Head Preparatory School – Hot or Cold? What Makes the Plant Bold?
- Honorable Mentions: Laura Bennett, Grade 6, Beaufort Middle School – Good Eats – Bad Eats  
Willie Brown, Grade 8, Beaufort Middle School - A Cannibalistic Plant  
Iilyn Brown, Grade 6, Hilton Head Island Middle School – Acid Effects  
Nolan Gregory, Grade 6, Hilton Head Island Middle School - How Does Grey Water Affect Plants?  
Jessica Norton, Grade 6, Beaufort Middle School - Bacteria Gone Bad  
Trelvonta Peoples, Grade 8, Beaufort Middle School – Filter Synthesis  
Markell Pope, Grade 8, Lady’s Island Middle School - Does Color Affect Plant Growth?  
Austen Stoddard, Grade 6, Beaufort Middle School – Going Green

#### Chemistry/Biochemistry

- 1<sup>st</sup> Tyler Gaines, Grade 8, Beaufort Academy - Determination of Vitamin C Content in Fruit Juices
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 2<sup>nd</sup> Casey Witowski, Grade 7, Cross Episcopal School – How Sweet It Is
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 3<sup>rd</sup> Cassie Beckwith, Grade 8, Saint Peter’s Catholic School – How Does Salinity Affect Evaporation?
- 4<sup>th</sup> Blake Kalan, Grade 8, Saint Francis Catholic School – Chemical Eruptions
- Honorable Mentions: Aidan Brougham-Cook, Grade 8, Hilton Head Preparatory School- That’s a Wrap  
Aleah Claxton, Grade 6, Beaufort Middle School - The Roast with the Most  
Karla Corona, Grade 6, Hilton Head Island Middle School - Evaporation Rate of Liquids  
Courtney Coxwell, Grade 7, Beaufort Middle School - The Stain Game  
Hannah Durbin, Grade 8, Beaufort Middle School - CSI - Kitchen  
Kyle Eichelsbacher, Grade 8, Hilton Head Preparatory School - Corrosion Control  
Colin Gardner, Grade 7, Hilton Head Island Middle School - Can You Help Ice Melt with Different Spices?  
John Hardin, Grade 7, Whale Branch Middle School - The Effect of CO<sub>2</sub> and Temperature on Growth Rate  
Renee Homad, Grade 6, Hilton Head Island Middle School - What Detergent Is Most Effective in Stain Removal?  
Megan Jenkins, Grade 6, Beaufort Middle School - Temperature of Water and the Rate at Which Advil Dissolves?  
Megan Kelley, Grade 8, Saint Francis Catholic School - Washing Mania  
Hannah Lambert, Grade 8, Beaufort Middle School - Save the Ocean  
Gabrielle Maynard, Grade 6, Beaufort Middle School - Ruined by Rust  
Brady McKenzie, Grade 6, Beaufort Middle School - Diet Coke and Different Flavors of Mentos  
Ferrin Reidinger, Grade 7, Cross Episcopal School – Fun with Fermentation  
Kobe Singletary, Grade 6, Saint Peter’s Catholic School - Detecting Stains with a Black Light  
Laura Thompson, Grade 8, Saint Francis Catholic School - Flaming  
Hunter Weir, Grade 6, Hilton Head Island Middle School - Viscosity  
Nicholas Xiques, Grade 6, Saint Francis Catholic School - Black UV Light Detection  
Caitlin Yonash, Grade 7, Lady’s Island Middle School - Water Evaporation, What a Sensation

#### Environmental Science

- 1<sup>st</sup> Caroline Morris, Grade 6, Hilton Head Island Middle School – Does Rainfall Affect Broad Creek Salinity Level?
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
  - American Meteorological Society Award
- 2<sup>nd</sup> Logan Clark, Grade 7, Hilton Head Preparatory School – UV Light Purifying Pond Water
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 3<sup>rd</sup> Scott D’Amico, Grade 7, Hilton Head Preparatory School - Aqua Metallica
- 4<sup>th</sup> Kathryn Bishop, Grade 7, Hilton Head Preparatory School – Saturated Seeds
- Honorable Mentions: Chelsea Hoffmann, Grade 8, Beaufort Middle School – Greedy Groins  
James Fletcher, Grade 6, Saint Peter’s Catholic School – The Pain of Acid Rain

### Math/Engineering/Computer Science

- 1<sup>st</sup> (tie) Jake S. Post, Grade 6, Hilton Head Preparatory School – Suspension or Truss Bridge: Which Is Stronger?
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
  - National Society of Professional Engineers Award
- 1<sup>st</sup> (tie) Christian Steinmetz, Grade 6, Hilton Head Prep School – Testing the Effects of Parabolic Reflectors on Wireless Routers
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 2<sup>nd</sup> Collette Kemmann, Grade 6, Beaufort Middle School – Tire Pressure Economy
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 3<sup>rd</sup> Josh Ostrander, Grade 6, Hilton Head Island Middle School – Rocket Powered Steam Boat
- Honorable Mentions: Megan Kelley, Grade 6, Hilton Head Preparatory School – Now You’re Cooking  
Phillip Tong, Grade 6, Hilton Head Preparatory School - FPS Preferences for Custom Animations  
Mark Slusher, Grade 7, Saint Peter’s Catholic School – Roll the Dice
  - South Carolina Council for Teachers of Mathematics – 1<sup>st</sup> Award

### Physics Earth and Space Science

- 1<sup>st</sup> Russell Freed, Grade 7, Hilton Head Prep School – Ballistics Statistics
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 2<sup>nd</sup> Olivia Durbin, Grade 6, Beaufort Middle School - Comparison of the Solar Magnetic Force in Day and Night
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 3<sup>rd</sup> Anna Pittman, Grade 8, Saint Francis Catholic School – White House, Black Shack
- 4<sup>th</sup> Brandon Johnson, Grade 6, Hilton Head Island Middle School – Golf and Temperature
- Honorable Mentions: Zoe Adkins, Grade 6, Beaufort Middle School - Water, Heat, and Mirrors, Oh My!  
Julian Amrine, Grade 8, Saint Peter’s Catholic School - Toast Busters
  - South Carolina Council for Teachers of Mathematics – 1<sup>st</sup> Award  
Luke Azevedo, Grade 6, Cross Episcopal School - Cave Stalagmites and Stalactites  
Cierra Barnett, Grade 7, Hilton Head Island Middle School - Horizontal and Vertical Eggshell Strength  
Morgan Bennett, Grade 8, Beaufort Middle School - Up, Up and Away  
Ryan Cadden, Grade 8, Hilton Head Preparatory School - Ink Spot or Not?  
Nicholas Crago, Grade 6, Hilton Head Island Middle School - How Effective is Flame Retardant?  
Jack Dailey, Grade 6, Saint Peter’s Catholic School -What Type of Cup Will Keep Your Coffee Hot?  
Billy Ferrell, Grade 8, Beaufort Middle School - What Hits First?  
Dillon Heffner, Grade 6, Hilton Head Island Middle School -The Search for the Hottest and Coldest Hour of the Day  
Damude Jylian, Grade 8, Beaufort Middle School - Surf’s Up!  
Cash Knight, Grade 6, Cross Episcopal School -I See the Light  
Jason Kolbush, Grade 7, Saint Francis Catholic School - Sunny Energy  
Marshall McGarity, Grade 6, Hilton Head Preparatory School - Aluminum Bat vs. Wood Bat  
T.J. Melanson, Grade 7, Hilton Head Island Middle School -Solar Alternative: Convert Heat to Electricity  
Josh Morgan, Grade 8, Lady’s Island Middle School - Reflections Impact on Light  
Ben Olliff, Grade 6, Hilton Head Island Middle School - Parachutes: Does Size Matter?  
Trey Reamer, Grade 8, Hilton Head Preparatory School - Propeller Pitch Angles
  - Air Force Award  
Zach Suda, Grade 8, Saint Peter’s Catholic School - Projectile Motion  
Lauren Ware, Grade 8, Beaufort Middle School - Falling Shapes
  - Air Force  
Greg Warren, Grade 6, Hilton Head Preparatory School - Tee It High and Let It Fly, Maybe?

### Social and Behavioral

- 1<sup>st</sup> Morgan Frank, Grade 7, Saint Peter’s Catholic School – What’s with Gestures?
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 2<sup>nd</sup> Jessica Holbrook, Grade 8, Lady’s Island Middle School – Cell Phone
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 3<sup>rd</sup> Jasmyn Howell, Grade 8, Hilton Head Preparatory School – What are Your Perceptions?
- 4<sup>th</sup> (tie) John Thomas Marbut, Grade 6, Hilton Head Preparatory School – Give Your Reflex a Check
- 4<sup>th</sup> (tie) Grace Stewart, Grade 7, Saint Peter’s Catholic School – Does Taste Matter?
- Honorable Mentions: Caitlin Baltzley, Grade 8, Hilton Head Preparatory School - Twin Preferences: Genetic or Environmental?  
Monica M. Bowman, Grade 8, Beaufort Middle School - Can Brawn and Brains Affect Your Hand Type?  
Katie Diaz, Grade 7, Cross Episcopal School - Look, Listen, Learn  
Carter Faulkner, Grade 6, Hilton Head Island Middle School, Too Close for Comfort  
Olivia Krause, Grade 6, Cross Episcopal School - Brain Game  
Emma McCracken, Grade 7, Cross Episcopal School - Mack Attack  
Bridgette Noonan, Grade 7, Hilton Head Preparatory School - Illusions  
Caroline Orr, Grade 6, Saint Peter’s Catholic School - What’s Your Style?  
Caitlin Sackman, Grade 6, Beaufort Middle School - Hiding in Plain Sight  
Clayton Wynn, Grade 8, Lady’s Island Middle School - Color Camouflage

### Zoology, Health and Medicine

- 1<sup>st</sup> Adam Oppenheimer, Grade 8, Hilton Head Preparatory School - Lethal Photosensitization
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 2<sup>nd</sup> Jill Brunori, Grade 7, Hilton Head Preparatory School – How Clean Is Your Make Up?
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 3<sup>rd</sup> Partick Maseo, Grade 6, Beaufort Academy – The Effects of Caffeine on Performance
- 4<sup>th</sup> Jessica Barras, Grade 8, Saint Peter’s Catholic School – How Various Drinks Affect Pulse Rate
- Honorable Mentions: Jonathan Boulon, Grade 6, Beaufort Middle School - The Attack on Ants  
Amanda P. Green, Grade 6, Hilton Head Island Middle School - Which Sunscreen is the Most Effective?  
Brandon Massalon, Grade 6, Saint Peter’s Catholic School - Incubator Types and the Hatch Rate of the Bobwhite Quail  
Lauren Noonan, Grade 6, Beaufort Academy - Oh Deer!  
Craig Ryan, Grade 6, Hilton Head Island Middle School - Does Obesity Affect Your Heart Rate?  
Nikki Schoning, Grade 7, Hilton Head Island Middle School - The Incredible Shrinking People  
Heidi Stine, Grade 6, Hilton Head Preparatory School - Anybody Home?  
James Urbin, Grade 6, Hilton Head Island Middle School - Plant Doctor  
Kristyn Weidenhof, Grade 8, Lady’s Island Middle School - Mummi “Fish” Cation

### Team Life Science

- 1<sup>st</sup> Matt Zitello & Marc Ochsner, Grade 7, Hilton Head Prep School – Rat Race
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 2<sup>nd</sup> Lucy Cram and Elouise Cram, Grade 7, Hilton Head Preparatory School – Got Oysters?
- 3<sup>rd</sup> Elizabeth Buterbaugh, Marian Matney, & Mary Elizabeth Munday, Grade 8 - Up, Down, and All Around
- 4<sup>th</sup> Michael Bible & Eric Nguyen, Grade 8, Beaufort Academy - Is Obesity Really Your Biggest Food Worry?
- Honorable Mentions: Trey Arant & Beatrice McDonald, Grade 7, Lady’s Island Middle School - How Do You Remember?  
Blake Bishop & Brent Stringer, Grade 7, Hilton Head Preparatory School - Worminator  
Taylor Calamari, Jonathan Dillon, Grade 7, Hilton Head Preparatory School - Filtration Celebration  
Brooke Churchich, Anna McAbee & Christine Quinn, Grade 7, Hilton Head Preparatory School - What’s with Your Cell Phone?  
Marina Colket & Jordan Rekeweg, Grade 7, Hilton Head Preparatory School - Fatty Foods  
Jaclyn deBoer & Emily Blackshire, Grade 8, Hilton Head Preparatory School - pH of Water  
Taylor Ingram & Alexis LaForce, Grade 7, Lady’s Island Middle School - Sudoku and You  
Summer Johnson & Amanda Nelson, Grade 7, Hilton Head Christian Academy - Breaking Into a Cold Sweat  
Miranda Weslake & Santee Rabon, Grade 6, Beaufort Academy, Picky Eaters

### Team Physical Science

- 1<sup>st</sup> Allison Frederick & Brooke Bishop, Grade 8, Hilton Head Preparatory School – Don’t Go Breakin’ My Hair
  - Discovery Young Scientist Challenge Nominee
  - Society for Science and the Public Middle School Program Nominee
- 2<sup>nd</sup> Gracie Anderson & Jeremy Haidon, Grade 7, Hilton Head Preparatory School – Rev Your Engines
- 3<sup>rd</sup> Helen Cardamone & Maggie Gasser, Grade 7, Hilton Head Preparatory School – Radiation Acceleration
- 4<sup>th</sup> Brian Ludewig & Charlie Pitts, Grades 7/6, Hilton Head Island Middle School – Dome Sweet Dome