



58th Annual Greenville County and South Carolina Regional Science and Engineering Fair 2012

Title Sponsor: Rotary Club of Greenville

Roper Mountain Science Center & The SC Academy of Science
Fair—March 27th; Public Exhibition—March 28th - Carolina First Center
Awards—April 10th – Roper Mountain Science Center

THE DIRECTOR AWARD

*In Honor of Former Fair Directors Drs. Southern & Fairbanks
To Recognize Academic Excellence in Science & Engineering by a Middle School Student*

Noah Dammers

Beck Academy

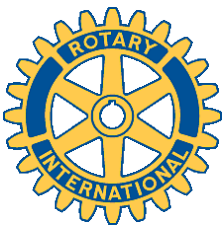
Middle School Awards

Overall Individual Winners

- First Place Overall: **Noah Dammers**, Beck Academy, Teacher: Hope Wilomovsky
Project: **“Go With the Flow”**
Award: \$60 Visa Gift Card & Trophy, Teacher - \$60 Visa Gift Card
- Second Place Overall: **Hasna Karim**, Langston Charter Middle School, Teacher: Pam Toledano
Project: **“Do Natural Antibacterial Agents Work as Well as Synthetic Ones?”**
Award: \$50 Visa Gift Card & Trophy, Teacher - \$50 Visa Gift Card
- Third Place Overall: **Anish Chaluvadi**, Langston Charter Middle School, Teacher: Beth Roueche
Project: **“Wasted Waste”**
Award: \$40 Visa Gift Card & Trophy, Teacher - \$40 Visa Gift Card
- Fourth Place Overall: **Rowan Crowley**, Hughes Academy, Teacher: Anne Hyde
Project: **“Billboards: Does Color Make a Difference?”**
Award: \$30 Visa Gift Card & Trophy, Teacher - \$30 Visa Gift Card

Special Thanks to our 2012 Sponsors

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Silver (\$300 – \$499)
American Society of Heating, Air Conditioning & Refrigeration Engineers

Bronze (\$100 - \$299)
American Institute of Chemical Engineers – Western Carolina

Darrell & Georgia Harrison

Greenville County Soil & Water Conservation District

Category Winners

First Place: \$25 Visa Gift Card, Medal & Certificate, Teacher - \$25 Visa Gift Card, **Second Place:** \$20 Visa Gift Card & Certificate; **Third Place:** \$15 Visa Gift Card & Certificate; **Fourth Place:** \$10 Visa Gift Card & Certificate; **Honorable Mention:** Certificate

Behavioral & Social Science

First Place	Rowan Crowley <i>"Billboards: Does Color Make a Difference?"</i>	Hughes Academy , Teacher: Anne Hyde
Second Place	Lindsay Hannah <i>"Genders Multitasking"</i>	Mitchell Road Christian Academy
Third Place	Nathan Wessel <i>"Remember More, Work Less"</i>	Mitchell Road Christian Academy
Fourth Place	Yurleidy Piedrahita <i>"The Nose Knows"</i>	Hughes Academy
Honorable Mention	Luke Wetzel <i>"Motivation Revelation"</i>	Mitchell Road Christian Academy
Honorable Mention	Tyler Bradley <i>"Does Color Affect Taste Perception?"</i>	Shannon Forest Christian School

Biology

First Place	Will Zuschlag <i>"Poultry Peanut Project"</i>	Zuschlag Home School , Teacher: Sandy Zuschlag
Second Place	Kara Cervetti <i>"Are Relatives Fingerprints Similar?"</i>	St. Joseph's Catholic School
Third Place	Sierra Horne <i>"Private Eye"</i>	Langston Charter Middle School
Fourth Place	Heather Thompson <i>"Eat More Chicken"</i>	Mitchell Road Christian Academy
Honorable Mention	Kendall Kiss <i>"Man's Germiest Friend"</i>	Our Lady of the Rosary Catholic School
Honorable Mention	Selah Boughner <i>"Regeneration Station"</i>	Mitchell Road Christian Academy

Chemistry

First Place	Kathleen Cassidy <i>"What Not to Wear to a Campfire"</i>	St. Mary's School , Teacher: Patricia Lanning
Second Place	Ella Orcutt <i>"Testing the Quality of Plastic Bags"</i>	Sanders Middle School
Third Place	Sloane Perkins <i>"The Impact of Cooling Rate & Solvents on the Formation of Salt Crystals"</i>	Shannon Forest Christian School
Fourth Place	Alison Wuerfel <i>"Cleaning Lincoln"</i>	Sterling School
Honorable Mention	Thomas Bechtold <i>"Crystal Durability"</i>	Beck Academy
Honorable Mention	Vignesh Rajmohan <i>"The Melting of Ice by Dissolution"</i>	Sterling School

Engineering

First Place	Noah Dammers <i>"Go With the Flow"</i>	Beck Academy , Teacher: Hope Wilomovsky
Second Place	Carly Lyvers <i>"Cool It"</i>	St. Mary's School
Third Place	Natalie Galloway <i>"Driving on Air"</i>	Mitchell Road Christian Academy
Fourth Place	Robert Cathcart <i>"How Firm a Foundation"</i>	Classical Conversations Home School

Environmental Science

First Place	Anish Chaluvadi <i>"Wasted Waste"</i>	Langston Charter Middle School , Teacher: Beth Roueche
Second Place	Danae Ferguson <i>"Oil Spoils"</i>	Mitchell Road Christian Academy
Third Place	Madeline Reilly <i>"Lettuce Beware"</i>	Langston Charter Middle School
Fourth Place	Jack Mobley <i>"Gilder Creek Bacteria"</i>	St. Joseph's Catholic School

Math

First Place	William Easley <i>"Which is Faster, AT&T or Verizon"</i>	Hughes Academy , Teacher: Melanie Helling
Second Place	Cameron Dickerson <i>"Pick-a-Door"</i>	St. Mary's School
Third Place	David Lewis <i>"David's Dunkless Density"</i>	St. Mary's School
Fourth Place	Elena Bourne <i>"De-Lightful Light Intensity"</i>	St. Mary's School
Honorable Mention	Nick Driver <i>"Stop Motion in Motion"</i>	Blue Ridge Christian Academy

Medicine & Health

First Place	Hasna Karim <i>"Do Natural Antibacterial Agents Work as Well as Synthetic Ones?"</i>	Langston Charter Middle School , Teacher: Pam Toledano
Second Place	Kinley Anderson <i>"Third Time's the Charm"</i>	Langston Charter Middle School
Third Place	Adam Ware <i>"Rapid Release to the Rescue"</i>	Mitchell Road Christian Academy
Fourth Place	Christian Hansen <i>"The Waves of Change Bring Focus"</i>	Mauldin Middle School
Honorable Mention	Caroline Donovan <i>"Fun Times with Enzymes"</i>	Mitchell Road Christian Academy

Physics

First Place	Ankith Khandavalli <i>"Archimedes Screw"</i>	Langston Charter Middle School , Teacher: Beth Roueche
Second Place	Kailee Brown <i>"Surface Tension"</i>	Shannon Forest Christian School
Third Place	Benjamin Thomas <i>"Fore!"</i>	St. Mary's School
Fourth Place	Nicholas Cain <i>"Going the Distance: Launch Angles and Trajectory"</i>	Mitchell Road Christian Academy
Honorable Mention	Ragon Lister <i>"How Strong is Your Hair?"</i>	Mitchell Road Christian Academy

Junior Division - Special Awards

American Institute of Chemical Engineers (AICHE) - \$50 & Certificate

Noah Dammers, Beck Academy, *"Go With the Flow"*

Natalie Galloway, Mitchell Road Christian Academy, *"Driving on Air"*

American Society of Heating, Refrigerating & Air Conditioning Engineers (ASHRAE) - \$25 & Certificate

Carly Lyvers, St. Mary's School, *"Cool It"*

Greenville County Medical Society Alliance Award - \$50 & Certificate

Hasna Karim, Langston Charter Middle School, *"Do Natural Antibacterial Agent Works as Well as Synthetic Ones?"*

Ashley Czarnecki, Mauldin Middle School, *"The Effect of Chlorine in Bottled Water"*

Ethan Veideman, St. Joseph's Catholic School, *"Heart Rates Affect on Vision"*

Roann Abdeladl, Langston Charter Middle School, *"Long Lasting Lungs"*

Greenville County Science Teachers Association Aspiring Scientists Award - \$50 & Certificate

Heather Thompson, Mitchell Road Christian Academy, *"Eat More Chicken"*

Greenville Master Gardeners - \$25 to each Student & Certificate

Kaylee Sparrow, Blue Ridge Christian Academy, *"Grow, Grow, Grow"*

Jolene Daguere, Morgan Klenke & Janice Berrios, Greer Middle School, *"Project Lima Bean"*

Greenville Soil & Water Conservation District Award - \$50 & Certificate

Sean Langan, St. Joseph's Catholic School, *"How Safe is our Water?"*

Anish Chaluvadi, Langston Charter Middle School, *"Wasted Waste"*

Kaylee Sparrow, Blue Ridge Christian Academy, *"Grow, Grow, Grow"*

Kadeshia Dodd, Greer Middle School, *"Grow Baby Grow"*

Roper Mountain Science Center Astronomers - \$50 & Certificate

Blake Rogers, St. Mary's School, *"Shield the Field"*

Roper Mountain Science Center Team Spirit Award - \$25 to each Team Member & Certificate

David Corasaniti, Mark Estes & Duncan McCain, Our Lady of the Rosary, *"How Windy is It?"*

Sierra Club - \$50 & Certificate

Danae Ferguson, Mitchell Road Christian Academy, *"Oil Spoils"*

S.C. American Water Works Association Excellence in Water Award - \$75 (mailed) & Certificate

Danae Ferguson, Mitchell Road Christian Academy, *"Oil Spoils"*

S.C. Society of Professional Engineers - \$100 Savings Bond (mailed) & Certificate

Anish Chaluvadi, Langston Charter Middle School, *"Wasted Waste"*

U.S. Navy - Certificate

Noah Dammers, Beck Academy, *"Go With the Flow"*

Kara Cervetti, St. Joseph's Catholic School, *"Are Relatives Fingerprints Similar?"*

Liam Dammers, Beck Academy, *"Harvesting Electricity"*

Ragon Lister, Mitchell Road Christian Academy, *"How Strong is Your Hair?"*