

2007 PRINCE WILLIAM-MANASSAS
REGIONAL SCIENCE FAIR

Junior Division Winners

Gar-Field High School

April 21, 2007

Category Description

Animal Science (AS)

Behavioral & Social Sciences (BE)

Chemistry (CH)

Computer Science (CS)

Engineering & Mathematics (EM)

Earth Science (ES)

Environmental Sciences (EV)

Medicine & Health (MH)

Physics (PH)

Plant Sciences (PS)

Category	Award	Name of Participant	School	Project Title
Animal Sciences (AS)	First Place	Alexa Dantzler	Linton Hall	The Natural Protection of Canines
	Second Place	Margaret Dene	St. Francis	Do You Really Know What Your Dog is Eating?
	Third Place	Lindsey Edwards	Porter MS	Push It Pronto
	Honorable Mention	Thomas Deziel	Beville MS	Does the size of the Community Affect Cricket Growth?
	Honorable Mention	Ian Leathers	Belmont ES	Do Goldfish Have Memory Capability?
	Honorable Mention	Caitlyn Verberg	Coles ES	The Effect of Preference on Choice
Behavioral & Social Sciences (BE)	First Place	Emma Duhnke	Westridge ES	Put Your Best Paw Forward: Are Canines Right or Left Pawed?
	Second Place	Rachel Carie	Marsteller MS	Cell Phones and Driving: It could Cost You Your Life
	Third Place	Ryan Miller	Buckland Mills ES	Can a First Grader Learn the Threes Multiplication Table?
	Honorable Mention	Melony Bennis	Belmont ES	Music's Effect on Concentration
	Honorable Mention	Cory Simmons	Signal Hill ES	Is it What it Seems?
	Honorable Mention	Maddison Miles	Beville MS	What is the Effect of Age on Reaction Time?

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Chemistry (CH)	First Place	Allen Parker	Porter ES	LED Light Up
	Second Place	Ben Robson	Tyler ES	Conductor vs. Conductor in the Electrolytic Cell
	Third Place	Hailey Holcomb	Beville MS	How Do Different Solvents Affect Paper Chromatography?
	Honorable Mention	Maureen Coffey	Stonewall MS	Moldy Lemons? No Way!
	Honorable Mention	Debbie McNally	Linton Hall	Baking Powder: the Ups and Downs
	Honorable Mention	Reed Mszar	Signal Hill ES	The Colorful World of pH
	Honorable Mention	Courtney Rojas	Marshall ES	The Effect of Electrolysis on Water
Computer Science (CS)	First Place	Karl Stallknecht	St. Francis	Let's Race
	Second Place	Jacob Monseur	Stonewall MS	Biometric Pet Door
	Third Place	Chris Scheller	Lake Ridge MS	Super Connections
	Honorable Mention	Aliyah Harrison	Porter ES	Need for Speed?
	Honorable Mention	Matthew Stein	Triangle ES	Does the Amount of Windows Opened Affect the Speed of Internet Access at Different Times of the day?
	Honorable Mention	Nicole Boyle	Buckland ES	Which CS Holds More Copies of the Image?

Category	Award	Name of Participant	School	Project Title
Engineering & Mathematics (EM)	First Place	Kari Willett	Linton Hall	Where is Waldo?
	Second Place	Philip Meekhof	Graham Park MS	Cable-Stayed or Suspension?
	Third Place	Piper Sigrest	Westridge ES	Ready, Set, Glide!!!
	Honorable Mention	Aleco Reynolds	Bull Run MS	The Effect of Image Processing on the Quality of the Resulting Still Image
	Honorable Mention	James Wiggins	Neabsco ES	What is the Effect of Design on Bridge Strength?
	Honorable Mention	Rebecca Waring	Pattie ES	Toy Glider Air Foils
Earth Science (ES)	First Place	Rebecca Howe	Pennington ES	Does Salinity Affect Water Temperature?
	Second Place	Humza Mohammad	Buckland ES	The Effect of Temperature on the Thermal Expansion of Water
	Third Place	Samantha Gill	Leesylvania ES	Earth Under Pressure: Which Homemade Barometer is Most Accurate?
	Honorable Mention	Jessica Ahenkrah	King ES	Do You Know Why the Sky is Blue?
	Honorable Mention	Daniel Deem	Sudley ES	The Effect of Foundation Type on How Long it Takes a Model House to Flood
	Honorable Mention	Roberto Gorjon	Victory ES	The Rate of Evaporation

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Environmental Sciences (EV)	First Place	Jacob Lattin	Lake Ridge MS	Spoil the Oil
	Second Place	Christopher Garlock	Glenkirk ES	The Effects of De-icers on Grass
	Third Place	Christina Ashworth	Linton Hall	Do the Environments Surrounding Streams Affect the Quality of the Water?
	Honorable Mention	Erin Kent	Graham Park MS	Extreme Paper Make over
	Honorable Mention	Emma Nowak	Manassas City	Which Light Bulb Wattage Will Cause a Solar Panel to Generate the Most Electricity?
	Honorable Mention	Andrew Jones	Rippon MS	What is the Difference Between Water and Water?
Medicine & Health (MH)	First Place	Jason Ksanznak	Graham Park MS	What is Growing in Your Home?
	Second Place	Jamie Smith	Linton Hall	Talking on a Cell Phone
	Third Place	Nicky Cirigliano	Mountain View ES	The Effect of Different Liquids on Tooth Decay
	Honorable Mention	Michael Corcorran	Westridge ES	Are Instant Hand Sanitizers More Effective than Washing Your Hands With Soap?
	Honorable Mention	Alison Phanthavong	Bull Run MS	The Effect of Different Types of Music on Heart Rate
	Honorable Mention	Samantha Milgrim	Henderson ES	What Effect Does Chewing Mint-Flavored Gum Have on the Temperature of a Person's Mouth?

Category	Award	Name of Participant	School	Project Title
Physics (PH)	First Place	Zachary Bell	Manassas Park MS	Sound Frequency Tendencies of Woods, Plastics, and Metals
	Second Place	Brian Hammack	Stonewall MS	The Effect of Surface Texture on Static Friction
	Third Place	Zachary Deweese	Porter ES	Powerful Produce?
	Honorable Mention	Abby Wescott	Mountain View ES	Magnetism – Hot or Cold?
	Honorable Mention	Tristan Rericha	Victory ES	How to Make a Magnet Stronger
	Honorable Mention	Patrick O’Brien	Montclair ES	I Get a Charge Out of You
Plant Sciences (PS)	First Place	Ashley Robinett	Mountain View ES	The Effect of Air Pollution on Plants
	Second Place	Brandon Sigmon	Porter ES	Grass Growing
	Third Place	Erin Ross	Pennington MS	The Effect of Pre-Soaking Bean Seeds on Their Rate of Growth
	Honorable Mention	Sophie Musto	Pattie ES	How Does Yeast Affect the Height of Bread?
	Honorable Mention	Savannah Kozik	Glenkirk ES	What Color Light Do Plants Grow Under Best?
	Honorable Mention	Yun Suk	Ashland ES	How Does Fertilizer Affect Plant Growth?
GRAND PRIZE WINNER	Behavioral & Social Science	Emma Duhnke	Westridge ES	Put Your Best Paw Forward: Are Canines Right or Left Pawed?