

# 2011 FINAL PLACEMENT OF DARNELL COOKMAN MIDDLE/HIGH SCHOOL SCIENCE FAIR

## Places First through Fourth

<u>Category</u>	<u>Place-</u> <u>ment</u>	<u>Name of Student</u>	<u>Grade</u>	<u>Teacher</u>	<u>Project Title</u>
<b>BEHAVIORAL/ SOCIAL SCIENCES SOCIAL SCIENCES</b>	1	Lee, Madison	8	Matteson	The Effect of Age on One's Idea of a Successful Life
	2	Beard-Ojala, Madeline	8	Matteson	The Effect of Color on the Perception of the Rorschach Test
	3	Li, Alice	7	Green	The Effect of Staring At Images on the Color One's Eyes Perceive In the Afterimages
<b>SOCIAL SCIENCES</b>	4	Gnanam, Kundhavi	7	Green	The effect of video games as distraction to how many additional seconds 12-13 year old girls can tolerate or feel pain relife
<b>BIO CHEMISTRY</b>	1	Srikakolapu, SairBhavana	7	Green	The Effect of Different Types of Cloths on the Perspiration Rate of a 12 Year Old Girls' Hand
<b>BIO CHEMISTRY</b>	2	Almojera, Jahn	8	Matteson	The Effect of pH on the Enzymatic Activity of Catalase
<b>BIO CHEMISTRY</b>	3	Gebretsadik, Yodit	8	Matteson	The Effect of Substrate Concentration on Enzymatic Activity
<b>BIO CHEMISTRY</b>	4	Shiell, Sarah	7	Green	The Effect of Different Types of Sugar on the Carbon Dioxide Output in Yeast
<b>BOTANY</b>	1	Srinivasan, Shruthi	7	Green	The Effect of Different Sources of Light on the Transpiration Rate of Plants
<b>BOTANY</b>	2	Wheeler, Colleen	8	Matteson	The Effect of Various Conditions on Root Formation in Cuttings
<b>CHEMISTRY</b>	1	Howard, Angelique	8	Matteson	The Effect of Salinity Concentration of Electricity Production of a Salt Water Battery
<b>CHEMISTRY</b>	2	Govan, Selena	8	Matteson	The Effect of Different Types of Paint Bases on the Burn Time of Painted Wood
<b>CHEMISTRY</b>	3	Zhan, Robert	10	Austin	The effect of pH and temperature on the electrical conductivity of aqueous solutions
<b>CHEMISTRY</b>	4	Sharma, Richa	7	Douthett	The effect of salt and other components on the rate of rusting
<b>ENGINEERING</b>	1	Petersen, Rory	9	Addison	An Innovative Method To Detect, Filter , Digitize, and Wirelessly Transmit Brainwaves To Control Electro-Mechanical Devices
<b>ENGINEERING</b>	2	Gangidi, Suma	8	Matteson	The Effect of Different Factors on the Efficiency of Hydroelectricity vs Windpower
<b>ENGINEERING</b>	3	Averitt, Lindsey	8	Matteson	The Effect of Cooler Construction on Temperatures of Organs During Transport
<b>ENGINEERING</b>	4	Platzer, Elsie	8	Matteson	The Effect of Shape of the Amount of Mass Supported Per Square Centimeters

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<b>ENVIRONMENTAL</b>	1	Caswell, Hailey	7	Green	The Effect of Static Electricity On The Rate At Which Red Worms Produce Compost
<b>ENVIRONMENTAL</b>	2	Patterson, Kristen	8	Matteson	The Effect of Different Methods of Oil Clean-up in Salt Water
<b>ENVIRONMENTAL</b>	3	Kowkabany, Jeremy	7	Douthett	The effect of distance from a water treatment plant on the amount of Cl in Tap water
<b>ENVIRONMENTAL</b>	4	Damico, Camryn	7	Green	The Effect of Non-Toxic Organic Pesticides on the Rate at Which Red Harvester Ants Die
<b>Medicine/Health</b>	1	Boggs, Jill	7	Green	The Effect of Painting in Watercolors on Blood Pressure and Stress/Anxiety Levels
<b>Medicine/Health</b>	2	Moore, Victoria	7	Green	The Effect of Different Colored Objects on the Angle at Which a Human First Peripherally Sees It
<b>Medicine/Health</b>	3	Hallahan-Hutchins, Livia	8	Matteson	Is There a Difference Among Vitamin/Supplement Brands and Their Absorption Time? The Effect of the different amounts of weight carried on the Blood Pressure of a 12 year old male.
<b>Medicine/Health</b>	4	Mandavalli, Akhil	7	Green	
<b>Microbiology</b>	1	Myers, Evan	8	Matteson	The Effect of Storage Temperature on the Fermentation of Yeast
<b>PHYSICS</b>	1	Kernisan, Issiah	10	Austin	The effect of various agents on the productivity of an oxyhydrogen generator
<b>PHYSICS</b>	2	Albritto, Ashley	10	Austin	The effect of density on the liquid's resistance
<b>PHYSICS</b>	3	Vergara, Camille	7	Douthett	The effect of different sizes of parachutes on the falling rate of a skydiver
<b>ZOOLOGY</b>	1	Campbell, Kyle	7	Green	The Effect of Putting Ten Different House Cats Through Different Trials to Determine if they Have a Paw Preference
<b>ZOOLOGY</b>	2	Wilson, Jenna	7	Green	The Effect of Different Rodents, Feeding Mice Versus Syrian Hamsters on the Time It Takes Them to Finish a Maze
<b>ZOOLOGY</b>	3	Sheffield, Jaycee	10	Austin	The effect of dogs' intelligence on their ability to solve puzzles
<b>ZOOLOGY</b>	3	Williams, Lagenia	10	Austin	The effect of type of salt solution on the rate at which brine shrimp hatch