



GEORGE WASHINGTON

CARVER SCIENCE FAIR

Providing opportunities for students to gain enriched learning experiences through scientific inquiry & discovery

2011 Secondary Special Award Winners

Since the George Washington Carver Science Fair began in 1979, individuals and organizations have honored scientific achievement through Special Awards. The 2011 Carver Fair includes thirty-two Elementary Special Awards, representing generous individuals, organizations, and opportunities for student recognition. For more information about the George Washington Carver Science Fair Special Awards, please contact Nancy Peter, Special Awards Chairperson, at 215-898-0640 or npeter@sp2.upenn.edu.

Award Name	Place	Student	School	Project Title
Clara Tolbert Award	(Team)	Jazmine Gordon Bintu Sherif Anthony Workman II	Motivation Motivation Motivation	<i>Trapped Trapped Trapped</i>
Arthur Garner Achievement Award	N/A	Carrie Richardson	Girls	<i>The Effect Of Multiple Intelligences On The Way That We See Things As A Whole</i>
Cobbs Creek Community Environmental Education Center Award	N/A	Ava Roberts	Nazareth Academy	<i>Oil Spill Containment</i>
Drexel Med Microbiology & Immunology Award	N/A	William Levantovsky Sujatha Changolkar	George Washington Masterman	<i>Chaetomorpha, Caulerpa... The Saga Continues! In Vitro Site-Directed Mutagenesis Of Bacterial Macro Domain In The Adp Ribuse Binding Site</i>
Educational Advancement Alliance Award for Excellence in Science – Behavioral Science	9 th Grade	Joey Szarak	Bodine	<i>Does Sleep Effect The Average Reaction Time Of Humans?</i>
	10 th Grade	Michelle Bendel	Philadelphia Academy	<i>What Makes My Heart Beat?</i>
Educational Advancement Alliance Award for Excellence in Science – Biochemistry	1 st Place H.M.	Martina Reynolds Fatima Rahman	Springside Masterman	<i>Tree Proteins Over The Season What Is The Effect Of Curcumin On Various Metalions?</i>
Educational Advancement Alliance Award for Excellence in Science – Medicine/Health	1 st Place H.M.	Quaneane Singleton Haley Lombardo	Frankford Springside	<i>Vitamin C Content The Effect Of Work On Sleeping Patterns Of Teenagers</i>
Educational Advancement Alliance Award for Excellence in Science – Earth/Space	7 th Grade	Olga Shleyfer	Baldi	<i>Does Oil-Absorbing Bacteria Clean Up An Oil Spill In Fresh Water Or Salt Water?</i>
	8 ^h Grade	Jermaine Deberry	Blair Christian Academy	<i>They're Big, They're Large, They're Planets!</i>
	H.M. H.M.	Canady Preston Joseph Shannon	Conwell Baldi	<i>Icy Hot The Effect Of Acid Rain Exposure Time And PH Levels On Daphnia</i>

Award Name	Place	Student	School	Project Title
Forest Service Youth Science Award	N/A	Catherine Huang Nori Helem Jessica Yee	Masterman GAMP Central	<i>Dr. Plant's Plants</i> <i>Crazy Cartoon</i> <i>The Influence Of Chinese Herbs On Planaria</i> <i>Regeneration</i>
Grand Hank Science Award in Chemistry	N/A	Varshita Parmar	Baldi	<i>The Effects Of Liquids On The Rusting Of Steel Wool</i>
Heritage Keeper Award	N/A	Jessica Yee	Central	<i>The Influence Of Chinese Herbs On Planaria</i> <i>Regeneration</i>
Humane Science Award	1 st Place 2 nd Place	Fablina Kharshan Luke Wheeler	Mast Charter Penn Alexander	<i>Under The Sea</i> <i>Tadpole Growth: Hot Or Cold?</i>
Oscar Harris Award	N/A	Lily Zhao Alexandra Sices	Masterman GAMP	<i>How To Become An Alien</i> <i>Ready, Set, Go Green</i>
Math/Science Partnership Award	N/A	Taylor Dow Latrice Thomas Diara Slaughter Kandy Foster Ava Roberts Albert George Charles Showell Jeremiah Duo	Shawmont Imhotep Charter Imhotep Charter Germantown Nazareth Conwell University City Lamberton	<i>Putt, Putt...Is That Your Car?</i> <i>Collision in Two Dimensions</i> <i>Pulleys...Pulleys...Pulleys</i> <i>How Effective Is Sunscreen?</i> <i>Oil Spill Containment</i> <i>Rock...Paper...Scissors...Bridge?</i> <i>Crystallized Crystals</i> <i>Soggy Potatoes – Osmosis</i>
MedImmune Advancing Science for Better Health Award	N/A	John Arnault	Frankford	<i>The Effects of UV Radiation on Bacteria</i>
Naval Science Award	N/A	Azurai Thompson Alexander List Kevin Le Samuella Takyi-Buachie Parnpreet Mann Brandon Brinson Vincent Russell Enmtithal Mahmoud William Levantovsky Aaron Goldberg	Chestnut Hill Academy Central Bok Girls Central Engineering and Science Science Leadership Academy Masterman George Washington George Washington	<i>Factors Affecting Plant Stomata Activity in Angiosperms</i> <i>During Winter</i> <i>Object Detection Using Line Continuance Offsets for</i> <i>Model Mapping</i> <i>Cooling Boiling Water</i> <i>Combustion Reduction</i> <i>The Effect of Defromation on the Properties of Aluminum</i> <i>at a Sub-Micron Length Scale</i> <i>Material light Absorbance: Implication of Technology to</i> <i>Harness Solar Power Efficiently</i> <i>Fuel Source for the Future</i> <i>The Effect of Nutritional Heavy Metal on Oocyte</i> <i>Maturation and Development</i> <i>Chaetomorpha vs. Caulerpa... The Sage Continues!</i> <i>Mathematical Analysis of an Opinion Poll on Biosolids</i>
PhACT Critical Thinking Award		Erin Moore	Baldi	<i>Which Material Best Insulates A Dog House: Natural Vs. Manmade</i>
Warren and Emma G. Chew Award	N/A	Keith Southerland	Lea	<i>Is Green Just as Mean</i>
Women in Science & Engineering Award	N/A	Aiswaria George	Central	<i>Neopentylglycolborytation of Anyl Bromide and Anyl Iodide</i>