



Junior Division- Grand Award Winners

Category	Rank	Student Name(s)	Project	School
Social/Behavioral	1st	Levi Berger	The Effect of Subliminal Stimuli on Decisions	Alice Deal Middle School
Earth/Space	2nd	Ariyana Robinson	Can Plants Live on Mars?	Friendship Blow Pierce Middle School
Zoology	3rd	Annabelle Harbold	Feedin Favorite	Rose L. Hardy Middle School

Junior Division Winners

Category	Rank	Student Name(s)	Project	School
Botany	1 st	Isaac Porter	Enhancing Growth in Plants	Howard University Middle School Of Mathematics And Science
	2 nd	Raven Carter Tanaya Walker	Fertilizer Mix	Friendship Blow Pierce Middle School
	3 rd	Cecile Jordan Londyn Griggs	Measuring electricity in plants	Two Rivers Public Charter School
Chemistry	1 st	Raina Johnson	Rainbow Fire	Howard University Middle School Of Mathematics And Science
	2 nd	J'Lin Small	How much gas does my favorite drink contain?	Kelly Miller Middle School
	3 rd	Rachel Nti	Glow in the Luminol	Center City Public Charter Schools - Brightwood Campus
Earth/Space	1 st	Ariyana Robinson	Can Plants Live on Mars?	Friendship Blow Pierce Middle School
	2 nd	Mekhi Farmer Asa Forte Alexis Johnson	The Effects Of Flooding on the Watershed	Roots Activity Learning Center
Energy and Transportation	1 st	Zora Colleye	At the Speed of Power	Alice Deal Middle School
	2 nd	Nicholas Antrim	Heat in Wattage	Rose L. Hardy Middle School
	3 rd	Shara Smith Asante Washington	How Does Mass Affect the Speed?	Friendship Blow Pierce Middle School
Engineering and Computer Science	1 st	Dominic Catherino	The application of programming to discover the effect of color on reaction	Alice Deal Middle School

			time	
	2 nd	Oskar Floman	Keeping It Cool	Rose L. Hardy Middle School
	3 rd	Frank Hardy	Crystal Radio Kit	Bridges Academy
Environmental	1 st	Jonah Docter Loeb	Cigarette Butts and Aquatic Plants	Alice Deal Middle School
	2 nd	Simryn Musante	Best Way for Storing Bananas	St Peter School DC
	3 rd	Nathan Peot	Biogas You Ask??	St Peter School DC
Math and Physics	1 st	Gabriel Brumberg	Calibrated Ball Drop: The Relationship between Distance/Velocity and Sound	Jewish Primary Day School
	2 nd	Robert McFarlane	Slingshot Physics	Stuart Hobson Middle School
	3 rd	Kellen Paulsen	Does parachute size affect descent?	Rose L. Hardy Middle School
Medical and Health	1 st	Eliza Cattaneo	Reaction Time	Washington Latin Public Chapter School
	2 nd	Denisha Edmonds	How Caffeine Affects the Heart	Friendship Blow Pierce Middle School
	3 rd	Nina Durham	The Heart that Dances	Friendship Public Charter School-Woodridge Campus
Microbiology	1 st	Ingrý Reyes	Going Somewhere?	Friendship Public Charter School-Woodridge Campus
	2 nd	Anna Katzive	Which Household Cleaner is the Most Effective Against Bacteria	Alice Deal Middle School
	3 rd	Iftakhar Alam	Discarding Unnecessary Disinfectants	Rose L. Hardy Middle School
Social/Behavioral	1 st	Levi Berger	The Effect of Subliminal Stimuli on Decisions	Alice Deal Middle School
	2 nd	Hannah Fabrigar	Age V.S. Reaction Time	Rose L. Hardy Middle School
	3 rd	Thando Munemo	How Does Exercising Affect Your Mood?	Friendship Blow Pierce Middle School
Zoology	1 st	Annabelle Harbold	Feedin Favorite	Rose L. Hardy Middle School

Senior Division- Grand Award Winners

Category	Rank	Student Name(s)	Project	School
Microbiology	1st	Langley Grace Wallace	The Effect of Targeted Inhibitors on Melanoma Tumor Immunity	Sidwell Friends School
Zoology	2nd	Sylvia Gisler	Turtle Ant Pollen Preferences	School Without Walls High School
Engineering and Computer Science	3rd	Sam Lossef	Does the Use of Pyrolytic Graphite and Phase Change Material Improve Stirling Engine Performance	School Without Walls High School

Senior Division Winners

Category	Rank	Student Name(s)	Project	School
Botany	1 st	Maya Woods	The Ultimate Photobioreactor	Washington Latin Public Charter School
	2 nd	Katherine Estrada	Radish Shock	Benjamin Banneker High School
	3 rd	Sifan Hunde Luwam Seyoum	Effects of Radiation on Different Types of Plants	Benjamin Banneker High School
Chemistry	1 st	Tijara Smith	Meat or Vegetable: Which has the highest concentration of catalase?	Benjamin Banneker High School
	2 nd	Briana Price	Hydrogen gas from ocean water	Friendship Technology Preparatory Academy
	3 rd	Chidubem Ekwem	Casein Forseen	Benjamin Banneker High School
Earth/Space	1 st	Joseph Montrey Bjorn Shockey Noah Freedman	Measuring Magnetic Field Strength	Washington Latin Public Charter School
	2 nd	Ronnie Easley	The Uses of drones	Friendship Technology Preparatory Academy
Energy and Transportation	1 st	Noelle Pierce	Windmill Wings	Washington Math Science Technology Public Charter School
Engineering and Computer Science	1 st	Sam Lossef	Does the Use of Pyrolytic Graphite and Phase Change Material Improve Stirling Engine Performance	School Without Walls High School
	2 nd	Flo Martinez	Prosthetic Robotic Mind-Controlled Arm	Georgetown Visitation Preparatory School
	3 rd	Jade Moore-Jacobson Makayla Walker Idalia Zavala-Mejia	Pollution	E.L. Haynes Public Charter School
Environmental	1 st	Joseph Seyoum	Comparison of Berries as sensitizers in Dye-Sensitized Solar Cells	School Without Walls High School
	2 nd	Hannah Docter-Loeb	Climate change and its possible stressful effects on zebrafish embryos	School Without Walls High School
	3 rd	Hannah Thomas	Water Quality: Know Your Numbers. Using Mobile Technology to Measure the Efficacy of the Natural Resources Conservation Service Program	Georgetown Visitation Preparatory School
Math and Physics	1 st	Emma Lawrence	How Does the Size of an Instrument's Sound Hole Impact its Reverberation	Benjamin Banneker High School
	2 nd	Uriel Greenwood	The application of magnetic	Friendship Collegiate Academy

			flux and the law of conservation of energy to a magnetic transport system.	
Medical and Health	1 st	Johanna Siegel	Visualizing Changes in Cellular Cholesterol as a Result of HIV-Nef Transfection	School Without Walls High School
	2 nd	Xiu Chen	Investigating Gene Interactors of WEE1/Myt-1 Ortholog in the Oocyte Maturation of Model Organism <i>Caenorhabditis elegans</i>	School Without Walls High School
	3 rd	Analiese Pappas	The Effects of Generic Chemotherapy on T Cell Memory of Leukemic Patients	Georgetown Visitation Preparatory School
Microbiology	1 st	Langley Grace Wallace	The Effect of Targeted Inhibitors on Melanoma Tumor Immunity	Sidwell Friends School
	2 nd	Karim Sewell	To Chew or Not To Chew	Benjamin Banneker High School
Social/Behavioral	1 st	Ramella Suber	EBT Misuse in the U.S (Maine Edition)	School Without Walls High School
	2 nd	Audrey Ashdown	Racial Facial Bias	Washington Latin Public Charter School
	3 rd	Isaiah Gyamfi	The Association between Neurological Disorders and Resiliency	School Without Walls High School
Zoology	1 st	Sylvia Gisler	Turtle Ant Pollen Preferences	School Without Walls High School
	2 nd	Diamond Pinder	Physical and Behavioral Effects of a High Sugar Diet on w* Tak1179 <i>Drosophila melanogaster</i>	School Without Walls High School
	3 rd	Katherine Muffett	The acidity tolerance of <i>Cassiopea X</i>	School Without Walls High School