

<b>rank</b>	<b>title</b>	<b>participants</b>	<b>school</b>
First Place	Light Sensitive Turntable: Effects on Brassica rapa	Cheaheon Lim	Northfield Mount Hermon School
First Place	Neural Networks and Colon Polyp Detection	Inthut Boonpongmanee	Deerfield Academy
Second Place	Accurate and Affordable Device for Skin Condition Diagnosis	Daniel Tian	Berkshire School
Second Place	Applying Various Suspended Cable Designs to Maximize Tension	Evelyna Legkudukh	Westfield High School
Second Place	Designing a Lead Test Kit	Adrian Orszulak, Kristen Stawasz	Westfield High School
Second Place	Expression of Carbonic Anhydrase Ion Channels	Christy Liang	Miss Hall's
Second Place	How Much Bacteria is in your Shower Pouf	John Peloquin	Westfield High School
Second Place	Magnetic vs. Electromagnetic Helmets	Eric Bone, Jackson Diltz	Westfield High School
Second Place	Maximizing Wind Power Efficiency Using Nosecones	Liam Coffey, Zachary Medeiros	Westfield High School
Second Place	Predicting Response of Visual Neurons with Machine Learning	Taehoon Han	Northfield Mount Hermon School
Second Place	Sound the Alarm	Alexander Currie	Taconic High School
Second Place	The Effect of Household Ingredients on Biodegradable Plastic	Suvin Sundararajan	Westfield High School
Second Place	The Investigation of Pepper's Ghost	Hung-Wei (Garcia) Lu	Northfield Mount Hermon School
Second Place	The Purifying Effect of Graphene Coated Sand on Various Macromolecules	Donald Chang	Westfield High School
Third Place	A Pop of Life	Kiiyah Hargraves-Johnson	Taconic High School
Third Place	Analysis of Microbes Cultured From Keys of a Computer	Aiden Chisholm, Brendan Morrissey	Westfield High School
Third Place	Are We Becoming More Alone in Space?	Kyle Brooks	BART Charter School
Third Place	Comparing the Cost, Voltage, and Longevity of Three Batteries	Reneé Suhocki	Westfield High School

Third Place	Curing Ailments but Poisoning the Environment	Ariana Lysonski-Phillips, Leeyia Hoose	Taconic High School
Third Place	Effects of Phone Screens on the Eyes	Brigid Moriarty	Westfield High School
Third Place	Helio-tracker	Jason Gustafson	Westfield High School
Third Place	Hexapod Robot	XianDong Lin	Stoneleigh Burnham School
Third Place	Natural Pest Deterrents	Cassidy Pawul	Westfield High School
Third Place	The Effect of Temp Stimulus on D. melanogaster Activity Level and Reproduction Rate	Catherine Morrissey, Elizabeth Regnier	Westfield High School
Third Place	The Effectiveness of Bacteria vs. E. horentis to degrade PCBs	Driss Bourzgui, Kylie Taylor	BART Charter School
Third Place	Transgenesis in Drosophila using Caffeine	Crystal Harrington, MaiLee Daignault	BART Charter School
Third Place	Whats in the Balance?	Rachel Ferrin	Taconic High School
Honorable Mention	A Noninvasive Hand Tremors Reduction Device	Emily Taylor	BART Charter School
Honorable Mention	Cleaning up the Trash	Hayley Caufield	BART Charter School
Honorable Mention	Comparing the Invasiveness of HPS versus LED Street Lighting	Elizabeth Hoffman	Westfield High School
Honorable Mention	Copper? Aluminum? Maybe Both?	Kyle McCaffery	Westfield High School
Honorable Mention	Cracking Ciphers	Joy Kalinowsky	BART Charter School
Honorable Mention	Detecting Geomagnetic Storms in the Ionosphere	Amelia McNeice, Madison Rodriquez	Westfield High School
Honorable Mention	Does the Sushi You Eat Really Contain What You Ordered	Peter Foley	Taconic High School
Honorable Mention	Effects of Static and Dynamic Stretching in Athletes	Mary Hayes	Taconic High School
Honorable Mention	Hand Charger	Augustine Asumadu	Taconic High School
Honorable Mention	Life on Mars: Fact or Fiction	Chloe Smith	Taconic High School

Honorable Mention	Pain Pain Go Away	Tram Nguyen	Miss Hall's
Honorable Mention	Tar-Block: The Most Efficient Cigarette Filters	Tamia Patrick	Taconic High School
Honorable Mention	What's in your Water	Kaela Mochak	Westfield High School