



LI Science & Engineering Fair, Inc.

Promoting Excellence in Scientific Inquiry and Discovery in LI Schools

Middle School 2018 Award Winners

Award	Name	School	Title
First	Alice Sztabinski	Copiague Middle School	<i>The Effect of Temperature on Pitch</i>
First	Austin Crouchley	Garden City Middle School	<i>The Effect of Copper Cooling Coils on Solar Module Energy Output and Hot Water Production</i>
First	Brooke Godsell, Isabelle White	East Woods School	<i>Using C. elegans to Test ALS Novel Therapies</i>
First	Isabel Szarfarc	East Woods School	<i>Using CRISPR to Study Probiotic Resistance</i>
First	Julia Curet, Ashlee Sjöholm	Woodland Middle School	<i>The Effect of Cost on Consumer Decisions</i>
First	Julienne Saliou, Corinne Sweeney	East Woods School	<i>Analyzing the Effectiveness of Antioxidants and Anticancer Treatment</i>
First	Michael Jang	Commack Middle School	<i>How can I Make a Heavy Metal Water Pollution Filter that can be Solar Powered?</i>
First	Tyler Bissoondial	Grand Avenue Middle School	<i>mir156 Regulates Gametophyte to Sporophyte Development and Sensitivity to Salinity in Ceratopteris richardii</i>
First	Ian Benjamin Battaglia, Spiros Kiriakos Manolas, Ryan Christopher Elwood	North Babylon	<i>Effect of Adverse Biological Cue on the Aggregation, Migration and Stalk Formation of Dictyostelium Discoïdium</i>
Second	Caroline Crouchley	Garden City Middle School	<i>Comparing Structural Integrity of Traditional Shaped Housing and Geodesic Domes</i>
		Hauppauge	

Second	Grant Faber	Middle School/Director of Science	<i>Pearly Whites</i>
Second	Joanna Lee, Gayathri Manoj, Katie Luk	W. T. Clarke Middle School	<i>The Effect of Differing Sorbent Methods on Oil Spills in the Ocean</i>
Second	Jonathan Prior	Oldfield Middle School	<i>The 5-Second Rule: Fact or Fiction</i>
Second	Julianna Rosenthal	Grand Avenue Middle School	<i>How do Different Amounts of Caffeine Affect how Ants Navigate and Construct their Tunnels?</i>
Second	Luke Jata	Hauppauge Middle School/Director of Science	<i>Commotion in the Ocean</i>
Second	Nuha Asad, Emma Friel, Elaine Sam	Woodland Middle School	<i>What is the Effect of Potassium Glucinate on the Growth Rate of a Plant?</i>
Second	Saharsh Peddireddy	Hauppauge Middle School/Director of Science	<i>Microalgae-Macrobenefits</i>
Second	Trinity Benstock, Mishka Scotto	Locust Valley Middle School	<i>The Effectiveness of Various Antibacterial Soaps and Sanitizers on the Growth Rate of E.coli 50</i>
Second	Elizabeth Violet Cardenas, Madison Lucia Jessen	Howard T Herber Middle School	<i>Efficacy of Different Super Glues</i>
Third			
Third	Aidan Brancaccio, James Ricci	Oldfield Middle School	<i>The Effect of Acid Rain on Marigold Plants</i>
Third	Gabriella Simal, Sahara Partap, Mackenzie Filosa	Grand Avenue Middle School	<i>How do Different Levels of pH Affect how Beano Works?</i>
Third	Gabrielle Domanas, Emily Rosenblum, Ashton Olivo	LAWRENCE MS	<i>It's an Attack</i>
Third	Helen Sweeney, Sean Sweeney	East Woods School	<i>How CRISPR can be used to Treat Pancreatic Cancer</i>
Third	Jansen Wong	Great Neck South Middle School	<i>Effects of Caffeine on Plant Growth</i>

Third	Katherene Qi, Noor Ellahie, Jin Lu	W. T. Clarke Middle School	<i>The Effect of Geyser Water Pressure on the Amount of Hydroelectric Energy Produced</i>
Third	Matthew Sharin	LAWRENCE MS	<i>Got Milk?</i>
Third	Rebecca Kaplan	Oceanside UFSD	<i>Bioremediation</i>
Third	Sarah Eisenberg, Samantha Schlectman, Alexa Scotti	Woodland Middle School	<i>What is the Effect of Erosion on Rip Currents?</i>
Third	Thomas Eldho, Anoop Krishnadas	Oceanside UFSD	<i>Retinol and Regeneration in Planaria</i>
Third	Timothy Langone	Grand Avenue Middle School	<i>Can Seed Germination Release Inhibitory Signals Preventing the Development of Seed in Close Proximity?</i>
Third	Vincent Gardner	Oceanside UFSD	<i>Light, Lux and Life</i>
Third	Chaeun Hannah Lee	Carrie Palmer Weber Middle School	<i>How Can We Delay Food Spoilage?</i>
Honorable Mention			
Honorable Mention	Abhiram Marisetti	Hauppauge Middle School/Director of Science	<i>Purification of Water by Natural Materials</i>
Honorable Mention	Arav Prabhu	Hauppauge Middle School/Director of Science	<i>Can Plants Stop Erosion?</i>
Honorable Mention	Breckyn Beechey, Nora Sweeney-Gladen	Oldfield Middle School	<i>Prevention of Oxidation in Apples</i>
Honorable Mention	Brian Petz, Madison Amini	W. T. Clarke Middle School	<i>The Effect of Soil Composition on Soil Drainage</i>
Honorable Mention	David Yang	Commack Middle School	<i>Heavy Metals in the Environment</i>
Honorable Mention	Donovan Ligonde	J.W Dodd Middle School	<i>How can we Understand Anti-Gravitational Propulsion Used in Satellites and Deep Space Probes through a Force Free Electrical Lift ?</i>
Honorable	Katrina Chou, Emily	Great Neck South	<i>Effect of Music on Heart Rate</i>

Mention	Ramirez, Lydia Wang	Middle School	
Honorable Mention	Nicholas Barshay	Hauppauge Middle School/Director of Science	<i>Effect of Different Types of Light on Black Worm Aggregation</i>
Honorable Mention	Sachin Jojode, Rahat Rahman	Woodland Middle School	<i>The Effect of Various Materials on Durability of BioPlastics</i>
Honorable Mention	Sahar Tartak, Maya Gavriel, Olivia Yeroushalmi	Great Neck North Middle School	<i>Sympathies of Sociology</i>
Honorable Mention	Sydney Dunn, Steven Jacovetti, Sophia Ruperto	W. T. Clarke Middle School	<i>How Does the Type of Instruction Affect a Student's Ability to Complete a Task and the Time That it Takes?</i>
Honorable Mention	William Haspel	Bay Shore Middle School	<i>Genetics: Testing for Dominant and Recessive Traits</i>
Honorable Mention	Yuleydy Cortorreal Sanchez, Chinwe Okike	J.W Dodd Middle School	<i>How is Modern Drilling Techniques, such as Fracking Directly Contributing to the Increase in Tremors?</i>