

Energy & Transportation	Award	Name	School	Title
	Fourth	Benjamin Akhavan	Rambam Mesivta High School	<i>Enhancing the Efficiency of a PEM Hydrogen Fuel Cell with Synthesized Metal-Nanoparticle/Graphene Composites Synergy</i>
Environmental Management	Award	Name	School	Title
	Second	Archie Chakming Kong, Randy Tung & Arthur Wang	Manhasset High School	<i>The Effect of Single-Walled Carbon Nanotubes on Regeneration and Activity of Dugesia dorotocephala, Growth of Chlorella vulgaris, and Embryonic Development of Lytechinus variegatus</i>
Environmental Sciences	Award	Name	School	Title
	Fourth	Albert Kim & Byeong Ho Jung	Manhasset Secondary School/ Herricks High School	<i>A Novel Model for Inflammatory Bowel Disease: Using U937 and COLO320DM Cell Lines, to Propose a Pathway by which Environmental Toxin, 4-Nonylphenol, May Promote an Inflammatory Response</i>
Mathematical Sciences	Award	Name	School	Title
	Fourth	Daniel Matan Hanover	John L. Miller Great Neck North High School	<i>Kaprekar's Constant: A Journey to New Bases</i>
Medicine & Health Sciences	Award	Name	School	Title
	Third	Olivia Frances Novick	Jericho High School	<i>LPS/BSA Contamination: Rethinking Fatty Acid Dietary Supplementation's Role in Oxidative Stress Production</i>
Microbiology	Award	Name	School	Title
	Second	Amy Xu	Jericho High School	<i>Evolutionary and Ligand-binding Dynamics of ClfB and IsdA in Staphylococcal Species</i>

	Award	Name	School	Title
Plant Sciences	London International Youth Science Forum - The Philip V. Streich Memorial Award*	Ryan M. Kenny, Samantha Hayley DiSalvo & Amy Jaclyn Vitha	George W. Hewlett High School	<i>The Characterization of the LPS-Induced Hypersensitive Response in Ceratopteris richardii</i>
	Best in Category	Ryan M. Kenny, Samantha Hayley DiSalvo & Amy Jaclyn Vitha	George W. Hewlett High School	<i>The Characterization of the LPS-Induced Hypersensitive Response in Ceratopteris richardii</i>
	First	Ryan M. Kenny, Samantha Hayley DiSalvo & Amy Jaclyn Vitha	George W. Hewlett High School	<i>The Characterization of the LPS-Induced Hypersensitive Response in Ceratopteris richardii</i>

***The London International Youth Science Forum - The Philip V. Streich Memorial Award:**

The London International Youth Science Forum is a two-week program held annually for 300 young scientists from more than 50 countries. LIYSF offers a unique opportunity to participate in an international event attracting science students from around the world. Philip V. Streich was an alumnus of the Intel International Science and Engineering Fair in 2007, earning an Intel Foundation Young Scientist Award, and in 2008. He was selected as a finalist, and earned third place at the Intel Science Talent Search 2009, both programs of the Society for Science & the Public.