



ISEF 2014 Grand Award Winners

Best in Category \$5,000, First \$3,000, Second \$1,500, Third \$1,000, Fourth \$500

	Award	Name	School	Title
Innovation Exploration Award	California Institute of Technology	Harry Paul	Paul D. Schreiber High School	<i>Growing Spine Implant and Test Method</i>
Intel Foundation Cultural and Scientific Visit to China Award		Ken Aizawa	Jericho Senior High School	<i>Interrogating SGK3 Function in Cancer</i>
Behavior & Social Sciences	Award			
	Second	Justin Chase Lafazan	Syosset High School	<i>A Comprehensive Study of Dollar Hegemony, Quantitative Easing, and the Foreign Exchange Market</i>
	Third	Hannah Frankie Stewart	Plainview-Old Bethpage John F. Kennedy High School	<i>Host Preferences of Wild Northern and Southern Ixodes scapularis</i>
Biochemistry	Award			
	Best in Category	Ken Aizawa	Jericho Senior High School	<i>Interrogating SGK3 Function in Cancer</i>
	First	Ken Aizawa	Jericho Senior High School	<i>Interrogating SGK3 Function in Cancer</i>
Cellular and Molecular Biology	Award			
	Fourth	Ritayan Chakraborty	Syosset High School	<i>Activation-induced Cytidine Deaminase and its Role in Reliving the Promethean Dream</i>
Chemistry	Award			
	Second	Matthew Leong Chun	Jericho Senior High School	<i>Stoichiometric Laser-Induced Breakdown Spectroscopy for Simple and Cost-Effective Laser Material Fabrication: A Case Study of Polycrystalline Yttrium Aluminum Garnet Ceramics</i>
Computer Science	Award			
	Third	Joshua Michael Zweig	Commack High School	<i>Diagnosis of Abnormalities in 3-Dimensional Mammograms via an Artificial Neural Network</i>

Engineering: Materials & Bioengineering	Award	Name	School	Title
	Best in Category	Harry Paul	Paul D. Schreiber High School	<i>Growing Spine Implant and Test Method</i>
	First	Harry Paul	Paul D. Schreiber High School	<i>Growing Spine Implant and Test Method</i>
Energy & Transportation	Award	Name	School	Title
	First	Andrew Moshova Jessica Kim	Manhasset High School	<i>Comparison of Organized and Randomized Multilayer Films</i>
Environmental Management	Award	Name	School	Title
	Third	Emma Jing Dong Caitlin Noelle McCormick Grace Karen Lee	Manhasset High School	<i>A Model Approach to Harvesting Energy from a Marine Environment: The Engineering of Sediment Microbial Fuel Cells with a Modified Catalyst and Diffusion Layer</i>
Environmental Sciences	Award	Name	School	Title
	Fourth	Varsha Venkatesh	Jericho Senior High School	<i>Investigating the Use of Plant Xylem from Angiosperm Wood Species as Organic Water Filters</i>
Medicine & Health Sciences	Award	Name	School	Title
	Third	Kanav Gupta	Jericho Senior High School	<i>Quizartinib (AC220) Reverses ABCB1- and ABCG2-Mediated Multidrug Resistance</i>
	Third	Lelina T. Chang	William A. Shine Great Neck South High School	<i>Too Much of a Good Thing? A Novel Role of Osteopontin as an Anti-Obesity Cytokine and Its Implication in Obesity-Related Disease</i>
Microbiology	Award	Name	School	Title
	Second	Amy T. Xu	Jericho Senior High School	<i>Host-specific Binding of ClfB in Staphylococcal Nasal Carriage</i>