



ISEF 2007 Grand Award Winners

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

	Award	Name	School	Title
Behavior & Social Sciences	Best in Category	Mary Martha Douglas	Manhasset High School	<i>Behavioral and Physiological Changes Associated with the White Gene as a Phenotypic Marker in w1118 and CS Drosophila melanogaster</i>
	First	Mary Martha Douglas	Manhasset High School	<i>Behavioral and Physiological Changes Associated with the White Gene as a Phenotypic Marker in w1118 and CS Drosophila melanogaster</i>
	Second	Sarah Kirsch	Ward Melville High School	<i>Gender Differences in Hypersensitivity Behavior in a Rat Model of Autism</i>
Biochemistry	Fourth	Stacy Feinsot	Lawrence High School	<i>The Synthesis and Characterization of Innate Immunity Inhibitors</i>
Chemistry	Second	Michael Ding	Glen Cove High School	<i>Dna Electrophoresis On Nanoporous Polyethersulfone Membrane Surfaces</i>
Computer Science	Fourth	Theodore Tzanetos	Plainview-Old Bethpage High School	<i>Aiding the Visually Impaired Through the Use of Integrated Computer Systems</i>
Medicine & Health Sciences	First	Michael Hagler	Rambam Mesivta High School	<i>Sophorolipids: A Novel Therapy for Asthma and Other Diseases of Altered IgE Regulation</i>
Physics and Astronomy	Third	Hamsa Sridhar	Kings Park High School	<i>Development of an Inverted Optical Tweezers with Full Motional Control</i>
Plant Sciences	Fourth	Scott Peters	John F. Kennedy High School-Bellmore	<i>Analysis of the Arabidopsis FUSED Ortholog: Is It Required for Cell Division?</i>

Teams	Award	Name	School	Title
	First	Adam Fields and Alex Ramek	Jericho High School/HAFTR	<i>Detecting Cancer in Living Tissue with Single-Cell Precision</i>
		Vijay Jain and Jinju Yi	Herricks HS / Plainview Old Bethpage JFK High School	<i>An Integrated Smart Chip for the Early Diagnosis of Cancer: A New Take on Surface Molecular Imprinting</i>
	Second	Kemeisha Patterson and Jonathan Suncar	Uniondale High School	<i>Making Your Enemy Your Friend: A Novel Approach to Integrated Pest Management (IPM) Using Noxious Weed Extracts</i>
	Third	Danielle Lent and Emily Levine	Stella K Abraham High School for Girls	<i>Optimizing Recycled Polymer Blends Using Supercritical Carbon Dioxide</i>
	Fourth	David Chang and Lukasz Mosakowski	Manhasset High School	<i>Microfluidic Mixing by Segmented Flow</i>