



ISEF 2008 Grand Award Winners

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

Intel Foundation Young Scientist Award	Award	Name	School	Title
	Scholarship of \$50,000	Sana Raouf	Jericho High School	<i>Computation of the Alexander-Conway Polynomial on the Chord Diagrams of Singular Knots</i>
Behavior & Social Sciences	Award	Name	School	Title
	Second	Benjamin David Wasserman	Roslyn High School	<i>Que? Quoi? Do Languages with Grammatical Gender Promote Sexist Attitudes?</i>
	Third	Benjamin Julius Mueller	John L. Miller - Great Neck North High School	<i>The Neural Basis of the Decision to Reward or Punish in Parenting: An fMRI Investigation</i>
		Zachary Spencer Lorsch	Oceanside Senior High School	<i>Making the Choice: An fMRI Analysis of Impulse and Strategic Decision-Making in Classification of Emotional Stimuli</i>
Biochemistry	Award	Name	School	Title
	Fourth	Jessica Marie May	Northport High School	<i>Unraveling the Functional Interaction of Dj-1, PINK1 and Parkin, Mutated Proteins Linked to Familial Forms of Parkinson's Disease and Set-up of a Cellular Model to Study PINK1 Mutant Toxicity</i>
Chemistry	Award	Name	School	Title
	Third	Angela Ying Lau	Plainview-Old Bethpage John F. Kennedy High School	<i>The Controlled Release of Lipase from PCL Electrospun Fibers</i>

Mathematical Sciences	Award	Name	School	Title
	Best in Category	Sana Raooif	Jericho High School	<i>Computation of the Alexander-Conway Polynomial on the Chord Diagrams of Singular Knots</i>
	First	Sana Raooif	Jericho High School	<i>Computation of the Alexander-Conway Polynomial on the Chord Diagrams of Singular Knots</i>
Medicine & Health Sciences	Award	Name	School	Title
	Second	Jourdan Brandt Urbach	Roslyn High School	<i>The Effect of Extracellular Signaling Molecules on Oligodendrocyte Differentiation, Morphology, Proliferation, and Survival</i>
	Fourth	Anne Yuri Polyakov	Ward Melville High School	<i>SQIF Setup for Measurements of Extremely Low Absolute Magnetic Fields</i>
Teams	Award	Name	School	Title
	First	Alexander Shlomo Ramek & Adam C. Fields	Hebrew Academy of the Five Towns and Rockaway / Jericho High School	<i>Engineered Surfaces for Cell Differentiation and Biomineralization and Self Assembly of Fibrinogen Clots</i>
	Second	Peter Hans Massey & Claire Elizabeth Drago	Manhasset High School	<i>The Effects of SSRI Supplementation on the Formation of Conditional Long Term Memory in Duncce and Wild Type Drosophila melanogaster</i>
		Yvette Leung & Pragya Kakani	Jericho High School	<i>Creation of a Metropolitan Cosmic Ray Detector Array</i>
	Third	Sanchita Singal, Mili Mehta & Lara Arielle Fourman	Herricks High School, The Wheatley School & Plainview-Old Bethpage John F. Kennedy High School	<i>Remote Activated Chip-Based Drug Release System Using Nanoparticles as an Anti-Cancer Therapeutic</i>
Fourth	Amanda Eryn Marinoff & Janelle Schlossberger	Plainview-Old Bethpage John F. Kennedy High School	<i>FtsZ Inhibitors as Novel Chemotherapeutic Agents for Drug-Resistant Tuberculosis</i>	