

ISEF 2016 Special Award Winners

	Award	Name	School	Title
American Psychological Association	2 nd Place \$1,000	Jessica Huang	Jericho High School	Redefining the Neurological Basis of Fluid Intelligence: Investigating Connection Strength and Network Strength of Resting State Functional Connectivity
Drexel University	Full Tuition Scholarship	Grace Hu	Jericho High School	Advanced Au-SPIONs: Synthesis and Characterization of Multifunctional Nanoparticles for Personalized Nanomedicine
King Abdul Aziz and his Companions Foundation for Giftedness and Creativity	\$1,000	Alexis D'Alessandro	Half Hollow Hills High School West	Design and Implementation of a Sustainable Permeate Gap Membrane Distillation System for Water Purification in the Turkana Basin of Kenya
National Aeronautics and Space Administration (NASA)	3 rd Place \$1,500	Kimberly Te	Manhasset High School	Optimizing Microbial Fuel Cell Electrical Performance through a Single-Chamber Design and Novel, Natural, Cost-Effective Anodes
National Institute on Drug Abuse, National Institutes of Health & the the Friends of NIDA	3 rd Place \$1,000	Rachel Mashal	Bellmore JFK High School	Development of a Caffeine Addiction Paradigm to Examine How Dietary Restriction and Level of TOR Signaling Modulate the Effects of Drugs
Ricoh USA, Inc.	Top Award \$12,500	Alexis D'Alessandro	Half Hollow Hills High School West	Design and Implementation of a Sustainable Permeate Gap Membrane Distillation System for Water Purification in the Turkana Basin of Kenya
Synaptics, Inc.	4 th Place \$500	Miriam Eisenberg	North Shore Hebrew Academy High School	Going for the Goal: The Effects of Removing Preparatory Information on the Fast and Unconscious Reading of Action Goals in a Computer-Simulated Competitive Interaction

US Environmental Protection Agency	All Expense Paid Trip to the EPA's National Sustainable Design Expo, Washington, DC	Alexis D'Alessandro	Half Hollow Hills High School West	Design and Implementation of a Sustainable Permeate Gap Membrane Distillation System for Water Purification in the Turkana Basin of Kenya
University of Sciences, Philadelphia, PA	\$15,000/year Scholarship for 4 years	Justin Kim	Jericho High School	Enhancement of Beta- lactam Antibiotic Susceptibility by Tannic Acid through Beta-lactamase Inhibition