ISEF 2018 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**	**Amy Rose Shteyman**	John L. Miller Great Neck North High School	*The Language of Facial Expressions: A Neuroimaging Study on How a Smile Is Generated and Perceived by Another Person*
	Award	Name	School	Title
Cellular and Molecular Biology	**Third**	**Shruthi Shekar**	Jericho High School	*SOX and MALAT1: Understanding the Progression of Breast Cancer Metastasis*
	Award	Name	School	Title
Energy: Chemical	**Fourth**	**Kendra Zhang**	Jericho High School	*Paper-Based Microbial Fuel Cells for Self-Powered Sustainable Disease Detection*
	Award	Name	School	Title
Environmental Engineering	**Third**	**Smiti Shah**	Bethpage High School	*Solar Powered Nanotech Water Filtration Device with Personal Robotic Transport System*
	Award	Name	School	Title
Materials Science	**Third**	**Susan Wu**	Manhasset High School	*An Investigation of a Simple, Inexpensive Apparatus for Lipid Nanoparticle Fabrication with Controllable Size and Disparity with in vitro Application*
	Award	Name	School	Title
Physics and Astronomy	**Third**	**Chiu Fan Bowen Lo**	Jericho High School	*High-Resolution Near-Field Nanoscopy Simulation Platform for Nanomaterial Characterizations*
	Award	Name	School	Title
Translational Medicine	**Fourth**	**Eish Maheshwari**	Herricks High School	*Development of an Innovative Drug-Delivery System for Improving the Bioavailability and Release of Curcumin Using Phosphatidylcholine and Silica-Based Nanoparticles*