



# ISEF 2012 Special Award Winners

<b>American Meteorological Society</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	Second	\$1,000	Nickolas Boroda	Massapequa High School	<i>Hurricane Signatures within Tree Ring Records, Fire Island, New York</i>
<b>American Psychological Society</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	Third	\$500	Benjamin Kornick	Roslyn High School	<i>OMG: Look Who Joined Facebook! The Relationship between Parenting and Adolescent Risk Behaviors</i>
<b>American Society for Microbiology</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	Fifth	\$400	Bilal Ahmed Siddiqui	Wellington C. Mepham High School	<i>Engineering RCAS-TVA Vectors for Generating a Novel Transgenic Mouse Model of Melanoma</i>
<b>American Veterinary Medical Association</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	First	\$1,000	Jane Smyth and Arianne Papa	Long Beach High School	<i>Mussels, a Natural Approach to Water Quality Improvement: Assessing the Impact of Environmental Factors on <i>P. americanus</i> and <i>G. demissa</i> Status in Long Island Bays and Applying <i>G. demissa</i> as Biofilters</i>
<b>Coalition for Plasma Science</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	First	\$1,500	Shannon Wetzler	Kings Park High School	<i>The Novel Determination of the Stopping Power and Other Characteristics of Quark Gluon Plasma Based on Several Jet Modification Measurements</i>

<b>Consortium for Ocean Leadership</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	<b>First</b>	<b>\$3,000</b>	<b>Jane Smyth and Arianne Papa</b>	Long Beach High School	<i>Mussels, a Natural Approach to Water Quality Improvement: Assessing the Impact of Environmental Factors on P. americanus and G. demissa Status in Long Island Bays and Applying G. demissa as Biofilters</i>
<b>Endocrine Society</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	<b>Honorable Mention</b>	<b>Certificate</b>	<b>Cheng Charles Yu</b>	The Wheatley School	<i>Mitigating the Effects of the Morphine Signaling System: A Novel Treatment for Diabetes</i>
<b>IEEE Computer Society</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	<b>First</b>	<b>\$500 each member</b>	<b>Bailey Liao and Azaria Zornberg</b>	Half Hollow Hills High School West	<i>Effective Prevention of Memory Error Exploitations through the Use of Memory Address Randomization</i>
<b>International Association of Innovative Science and Technology</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	<b>Second</b>	<b>\$500</b>	<b>Ruchi Shah</b>	Sachem High School North	<i>Beta-catenin and E-cadherin: Novel Protein Biomarkers for Improved Diagnosis of Precancerous Lesions of the Cervix</i>
<b>National Institute on Drug Abuse</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	<b>Second</b>	<b>\$1,500</b>	<b>Benjamin Kornick</b>	Roslyn High School	<i>OMG: Look Who Joined Facebook! The Relationship between Parenting and Adolescent Risk Behaviors</i>

<b>US Air Force</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	<b>Second</b>	<b>\$1,500</b>	<b>Rajkumar Shivraj Pammal</b>	Commack High School	<i>Improving Reverse Osmosis Membranes for Desalination: The Modification of Cellulose Nanofibers</i>
<b>US Navy and Marine Corps</b>	<b>Award</b>	<b>Prize</b>	<b>Name</b>	<b>School</b>	<b>Title</b>
	<b>First</b>	<b>\$8,000 Scholarship, \$2,000 each year for 4 years</b>	<b>Ruchi Shah</b>	Sachem High School North	<i>Beta-catenin and E-cadherin: Novel Protein Biomarkers for Improved Diagnosis of Precancerous Lesions of the Cervix</i>