

## **ISEF 1998 Grand Award Winners**

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

Boot III Gato	Award	Name	School	Title
Behavior Sciences	Awaiu	Name	School	
		Jamie Lynn Gluck	Lawrence High School	Developing a Model to Link Performance and
	Fourth			Test Anxiety in
				Adolescent Musicians
		Ameet Shrirang Talwalkar		Mathematical Model for
			Half Hollow Hills High School East	the Integration of Visual
				and Auditory Information
	Award	Name	School	Title
Biochemistry	Third	Grace Ann Lau	SCHOOL	Protease-Antiprotease
			Ward Melville High School	Interactions and the Use of
				Green Tea as an Elastase
				Inhibitor
	Award	Name	School	Title
Computer Science	Fourth	Michael Bennett Silverman	Paul D. Schreiber High School	Artificial Intelligence
				Experiment to Improve
				GPS Satellite
				Configuration
Mathematics	Award	Name	School	Title
	Second	Daniel Yamins	Great Neck South High School	Structural Organization
				Theory and Its
				Applications
	Award	Name	School	Title
	Second	Grace Yew-Mih Lee	Lawrence High School	Study of the Effects of
				Plant-Derived Strolls and
Microbiology				Animal Stardust on
3,71				Neurogenesis of Cultured
				Olfactory
				Neuroepiatheolium in vitro
	Award	Name	School	Title
Physics	Third	Jonathan Adam Kelner	The Wheatley School	Universality of the Near-
				Zero Microscopic
				Eigenvalue Spectrum of
				Random Matrix
				Ensembles of Infinite
				Variance
Zoology	Award	Name	School	Title
	Best in	Andrew Gregg	Lawrence High	Comparative Study of
	Category	Shuman	School	Inflammatory Mediators
	First	Andrew Gregg	Lawrence High	Comparative Study of
		Shuman	School	Inflammatory Mediators

	Award	Name	School	Title
Teams	Third	Kathy Hwang, Madhavi J. Parekh & Lisa Antoinette Visentin	Manhasset Junior- Senior High School	Effects of a Ferromagnetic Field and UV-B Radiation Social and Navigational Habit of Pogonomyrmex occidentals
	Fourth	Dorothy Jean & Maria Lucia Lagade Madariaga	Ward Melville High School	Effects of Volatile Anesthetics on the G- Protein Activation of the Effector Enzyme Phospholipase C