

## Charles Duggan LISEF 1988 Grand Award Winners

All First Place Winners Win an All Expense Paid Trip to ISEF 1988

	Award	Name	School	Title
Biochemistry	First	Alison Fay Begleiter	Half Hollow Hills High School East	A Ca <sup>++</sup> Current Stimulated by GABA-A Binding
Mathematics	Award	Name	School	Title
	First	Brian David Conrad	Centereach High School	Inverted Continued Fractions: A New Representation of the Real Numbers
	Award	Name	School	Title
Microbiology	First	Jeffrey Howard Richmond	South Side High School	Structural Variations of Dynein Arms in cilia in ADP+Vanadate
	Award	Name	School	Title
Zoology	First	Mark Kim Lee	Paul D. Schreiber High School	Comparative Study of the Angular Lateral Distribution of Secondary Electron Showers