

ASEA Winners for 2013-2014 School Year		
Student Name	School	Project Title
Jason Rosenberg	Blind Brook HS, Rye Brook, NY	A Model of mRNA Localization
Kyle M. O'Neil	Blind Brook HS, Rye Brook, NY	Effects of Esomprazole on Cell Chirality
Justin Cray	Blind Brook HS, Rye Brook, NY	A Framework for Remote Parallel Simulation
William Saunders	Blind Brook HS, Rye Brook, NY	Search for Galactic Supernove Remnants
Alexandra Fall	Mahopac HS, Mahopac, NY	The Effects of Environmental Changes on <i>Borrelia burgdorferi</i> Morphology and Growth.
Charlotte Herber	Fox Lane HS, Pound Ridge, NY	Evidence of TLR-9 Mediated Amelioration of Amyloid Pathology in a TgSwDI Mouse Model of Alzheimers
Josephine Yalovitser	Blind Brook HS, Rye Brook, NY	Music x Memory = Miracle
Jessica Occhiogrosso	Byram Hills HS, Armonk, NY	Inflammation Alters the Intervertebral Disc's Response to Load
Max Golden	White Plains HS, White Plains, NY	Growth of Graphene
Maya DeBellis	Dobbs Ferry HS, Dobbs Ferry, NY	The Attenuation of Forest Elephant Vocalizations in the Rain Forest
Benjamin Hord	Dobbs Ferry HS, Dobbs Ferry, NY	Analysis of Quasar HE0435-1223 to Discern Physical Motion of Broad Line Regions
Faariah Shakil	Dobbs Ferry HS, Dobbs Ferry, NY	Neonatal Estradiol Effects on GABAergic Inhibition
Elizabeth Wellington	Byram Hills HS, Armonk, NY	Conditional Reprogrammed Human Bronchial Epithelial Cells Differentiate and Restore CFTR Activity
Alan Cha	Walter Panas HS, Cortlandt Manor, NY	Music Manipulation and Structured Light
Helena Zhang	Byram Hills HS, Armonk, NY	Biochemical and biophysical characterization PlyGRCS against MRSA
Akshay Ramaswamy	Lakeland High School, Shrub Oak, NY	Activatoin of the mTOR pathway through chemical LTP stimulation
Sarah Marino	Westlake HS, Thornwood, NY	Colony Collapse Disorder: Controlling Veroa Distructor Mites in Honey Bee Hives
Samantha Hackett	Mahopac HS, Mahopac, NY	The effect of Ahemeral day cycles on the nutritional content of chicken (<i>Gallus Domesticus</i>) eggs
Benjamin G. Kaplan	Byram Hills HS, Armonk, NY	Next Generation Self-Healing Concrete: Infusing Bacteria into Engineered Cementitious Concrete
Aaron Huang	Pleasantville HS, Pleasantville, NY	TAT-Mediated Transduction of Functionalized
Denisse Gayosoo-Lucano	Fox Lane HS, Bedford, NY	How Urbanization Affects the Genetic Diversity of Red Oaks
Gracia Acheson (partnered with J	Pelham Memorial HS, Pelham, NY	A New Role for the RNA Binding Protein CPEB3 on AMPA Receptor mRNA transport to Dendrites
Jeffrey Tsang (partnered with Gra	Pelham Memorial HS, Pelham, NY	A New Role for the RNA Binding Protein CPEB3 on AMPA Receptor mRNA transport to Dendrites