



# Broadcom MASTERS 2012 Award Winners

All Finalists will go to Washington, DC during Broadcom MASTERS week (September 28 – October 3, 2012), to showcase their projects for the public and compete as teams in hands-on STEM activities. They will compete for the \$25,000 Samueli Foundation Award, a gift of Susan and Henry Samueli, co-founder of Broadcom Corporation, as well as other awards.

	Award	Name	School	Title
8 <sup>th</sup>	Finalists	<b>David X. Li</b>	Commack Middle School	<i>The Impact of a Parabolic Reflector on Wi-Fi Reception at Different Angles: A Compromise Between Signal Strength and Angle</i>
		<b>Aidan Rhys Dwyer</b>	Northport Middle School	<i>The Mystery of the Fibonacci Sequence: An Investigation of Phyllotaxic Architecture to Increase Photovoltaic Efficiency</i>
	Semifinalists	<b>David X. Li</b>	Commack Middle School	<i>The Impact of a Parabolic Reflector on Wi-Fi Reception at Different Angles: A Compromise Between Signal Strength and Angle</i>
		<b>Mitchell David Plesser</b>	Oceanside Middle School	<i>How Do Artificially Applied Neodymium Magnetic Fields Affect the Rate of Regeneration in Dugesia Tigrina (Brown Planarian)?</i>