

# 2015 SPONSORED AWARDS

Katie	Arendt	7	Incarnate Word Academy	Do the Active Ingredients Affect the Hold Time of Hairspray?	ACCESS - Akron Council of Engineering & Scientific Societies	\$100
Iulia	Barbur	12	Hudson High School	Testing for Leading Factors of Type I NRL Hypersensitivity and Contact Dermatitis	Sigma Theta Tau - Delta Omega Chapter Nurses Honorary (Univ. of Akron)	\$50
Bryan	Borodkin	11	St. Vincent - St. Mary High School	Mesh Size Determination of Oxime Hydrogels with Tunable Mechanical Properties that Vary with pH and Buffer Strength	ACS - American Chemical Society (Cliff Schrader Award)	\$100
					Bridgestone Americas Tire Operations, LLC	\$150
Jane	Bozsik	12	St. Vincent - St. Mary High School	The Effect of Scaffold Stiffness on Schwann cell Gene Expression	ONR - Office of Naval Research	\$50
Mica	Brooks	12	Our Lady of the Elms HS	Graphene: A Concrete Additive Formed by Shear Exfoliation	ONR - Office of Naval Research	\$50
Brian	Caplan	7	Gross Schechter Day School	Water's Cohesion	ONR - Office of Naval Research	Certificate & Medallion
Molly	Cogan	12	Beaumont High	The Effect of Touch Sensors and Ultrasonic Sensors on Unguided Robots	IEEE - Institute of Electrical & Electronics Engineers	\$25
Grace	Elhindi	7	St. Rita School	Primer Under Cover	AICHe - American Society of Chemical Engineers (Akron section) ASM International - The Materials Information Society	\$75 \$100
Ashley	Elston	12	Mentor High School	The Effect of Concentration and Environmental Factors on the Process of Phytoremediation	OWEA - Ohio Water Environment Association	\$75
David	Feng	8	Solon Middle	Does the Frequency of a Sensor Utilized by a Robot Affect How Fast it Navigates a Maze?	ADSPE - Akron District Society of Professional Engineers	\$50
Neha	Gupta	8	Solon Middle	Filtering Fracking Waste with Biochar	OWEA - Ohio Water Environment Association	\$25
Alex	Heard	11	St. Vincent - St. Mary High School	Creating a Hydrophobic Coating on Paper with Layer-by-Layer and Chemical Vapor Deposition	ASM International - The Materials Information Society	\$100
Justin	Hofacker	11	St. Vincent - St. Mary High School	Dual Dimple Technology	IEEE - Institute of Electrical & Electronics Engineers	\$25
Danny	Kim	11	Hudson High School	Incorporating a Visible Light Communication Design for Minimum Costs and Maximum Accuracy and Speed	IEEE - Institute of Electrical & Electronics Engineers Peters, Tschantz & Associates	\$25 \$100
Claire	Kinnear	10	Hudson High School	Grafting Peas and Beans	Ohio Soybean Council	\$100
Jacob	Kulig	8	Holy Family, Stow	Why are Fuel Cells Not Used More Widely?	ASME - American Society of Mechanical Engineers	\$50
Logan	Leak	11	Mentor High School	A Restrospective Analysis of Mortality Rates and APACHE II Scores of Sepsis Patients	ASQ - American Society for Quality Sigma Theta Tau - Delta Omega Chapter Nurses Honorary (Univ. of Akron)	\$100 \$50
Mai	Lor	8	Roswell-Kent	Retention Phenomenon of Urban Heat Island Effect: A Comparative Study on Urban and Rural Site	ONR - Office of Naval Research	Certificate & Medallion
Elizabeth	McDermott	9	Beaumont High	The Effect of Substrate Concentration, Temperature, and pH on Enzyme Activity	ACCESS - Akron Council of Engineering & Scientific Societies	\$100

Joshua	McElliott	8	Solon Middle	Which Material and Stacking Formation of Sandbags Provides the Best Flood Protection?	Certificate & Medallion
	<b>ONR - Office of Naval Research</b>				
Rebecca	Meyer	9	Hudson High School	Get a Grip	\$150
	<b>Bridgestone Americas Tire Operations, LLC</b>				
Shivangi	Mohta	8	Solon Middle	How do Holy Basil Leaves Affect Fluoid Content in Water?	\$100
	<b>ACS - American Chemical Society (Cliff Schrader Award)</b>				
Zeynep	Ozgur	10	Hudson High School	SmartNotes	\$25
	<b>IEEE - Institute of Electrical &amp; Electronics Engineers</b>				
Joseph	Puhalla	12	St. Vincent - St. Mary High School	Carbon Nanomaterial Based Polymer Composites	\$100
	<b>ASM International - The Materials Information Society</b>				
Daniel	Rakowsky	8	St. Albert the Great	Radiation Reality Check	Certificate & Medallion
	<b>Office of Naval Research</b>				
Rahul	Rambhatla	11	Solon High	The Effect of Nano-Sized Biofillers on Hevea Rubber Mechanical Properties	\$50
	<b>ASME - American Society of Mechanical Engineers</b>				\$150
	<b>Bridgestone Americas Tire Operations, LLC</b>				
Connor	Redslob	10	Hudson High School	The Effects of Viscosity On Taylor-Couette Flow	\$25
	<b>IEEE - Institute of Electrical &amp; Electronics Engineers</b>				
Yoly	Rodriguez	11	Horizon Science Academy Cleveland High School	Is Our Food Poisoning Us ?	\$50
	<b>ONR - Office of Naval Research</b>				
Sean	Scarnecchia	7	Hudson Middle School	Choosing the Best Cell Phone Plan	\$25
	<b>IEEE - Institute of Electrical &amp; Electronics Engineers</b>				
Rachel	Slater	10	Hudson High School	Twitter Data Mining	\$50
	<b>ONR - Office of Naval Research</b>				
Patrick	Walter	11	St. Vincent - St. Mary High School	Nanopatterning of Homopolymer and Block Copolymer Films	\$100
	<b>Ohio Soybean Council</b>				
Alexander	Weber	12	St. Vincent - St. Mary High School	Polymer Solar Cells: A Continuation of Utilizing Molecular Dynamics Simulations of Crystalline P3HT to Calculate Water Molecule Trajectories	\$25
	<b>IEEE - Institute of Electrical &amp; Electronics Engineers</b>				
Madisson	White	12	Mentor High School	Electrochemical Considerations for Design of Implantable Reference Electrodes	\$50
	<b>ADSPE - Akron District Society of Professional Engineers</b>				\$25
	<b>IEEE - Institute of Electrical &amp; Electronics Engineers</b>				