

2016 Sponsored Awards

ACCESS - Akron Council of Engineering & Scientific Societies						100
Abigail	Volk	11	Saint Vincent / Saint Mary High School	Layer-by-Layer Fabrication of Polymer Films Inspired by the Lotus Leaf		High School
ACCESS - Akron Council of Engineering & Scientific Societies						100
Patrick	Li	7	Hudson Middle School		Smart Midnight Care	Middle School
ACS - American Chemical Society (Cliff Schrader Award) (Akron section)						100
Omar	Mansour	12	Mentor High School		A Volumetric Explanation for Observed Differences in Surfactant Effectiveness	High School
ACS - American Chemical Society (Cliff Schrader Award) (Akron section)						100 (shared)
Spencer	Rettkowski	5	Holy Family - Stow		Sticky Situation	Middle School
Joshua	Williams	5	Holy Family - Stow		Sticky Situation	
ADSPE - Akron District Society of Professional Engineers						50
Mary	Bova	10	Beaumont School		ReLAX	High School
ADSPE - Akron District Society of Professional Engineers						50 (shared)
Da'von	Hanson	8	Archbishop Lyke School		Bristle Bots	Middle School
Chris	Edwards	8	Archbishop Lyke School		Bristle Bots	

2016 Sponsored Awards

ASM International - The Materials Information Society (Akron section)					100 Each (3)
Robert	Klanac	8	Academy of Saint Adalbert	Does Temperature Affect the Strength of a 7000 Series Aluminum?	
Elizabeth	McDermott	10	Beaumont School	The Comparison of Corrosion of Iron, Aluminum, Zinc, and Copper in Varying Environments	
Klaudia	Sirk	12	Beaumont School	The Effect of Gold Thickness on the Mechanical Properties of a Silicon Carbide Diaphragm: Determining the Shift in Fundamental Resonant Frequency	
ASCE - American Society of Civil Engineers (Akron-Canton section)					100
Kevin	Feezel	11	Saint Vincent / Saint Mary High School	Removing Organic Contaminants from Water Using Carbon Nanotubes	High School
ASCE - American Society of Civil Engineers (Akron-Canton section)					100
Patrick	Wynne	6	Saint Raphael	All Stressed Out: Determining Structural Beam Efficiency	Middle School
ASME - American Society of Mechanical Engineers (Akron section)					50
Matthew	Palmer	11	West Geauga High School	Pressure Pack	High School
ASME - American Society of Mechanical Engineers (Akron section)					50
Zachary	Brown	7	NIHF STEM Middle School - APS	Analysis of Underride Guards on Semi-Truck Trailers in relation to severity of impact on vehicles in rear-end collisions	Middle School
ASQ - American Society for Quality					100 Each (3)
Logan	Leak	12	Mentor High School	The effect of aging on naive and memory T cell subsets	
Corrin	Nemeckay	11	Mentor High School	Folic Acid Rescues Cardiac Function	

2016 Sponsored Awards

Bridgestone Americas Tire Operations, LLC

150 Each (3)

Wenyao	Yang	11	Saint Vincent / Saint Mary High School	The Effect of Polymer Chain's conformation on Its Birefringence	Chemistry
Maria	Dhinojwala	10	Archbishop Hoban	The Effects of Temperature on Surface Tension	Physics
Klaudia	Sirk	12	Beaumont School	The Effect of Gold Thickness on the Mechanical Properties of a Silicon Carbide Diaphragm: Determining the Shift in Fundamental Resonant Frequency	Engineering

IEEE - Institute of Electrical & Electronics Engineers (Akron-Canton section)

50 Each (4)

Zeynep	Ozgur	11	Hudson High School	Filosoph: An Intelligent System that Enhances Efficient Social Communication in Learning Environments, Part II	
Anna	Zipp	12	Beaumont School	Fractals & Wall Street: an Exploration of Self-similarity and the Stock Market	
Michael	Biernacki	7	Incarnate Word Academy	Can a Neural Network Detect Cancerous Cells?	
Olivia	Janolo	10	Saint Vincent / Saint Mary High School	The Mechanism of Harnessing Solar Energy	

ONR - Office of Naval Research

50 Each (4)

Nicholas	Otto	9	Hudson High School	Launching Spheres at Aluminum Targets	High School
Tobi	Aderibigbe	12	Horizon Science Academy Cleveland High School	Biodiesel	High School
Emma	Lubes	10	Saint Vincent / Saint Mary High School	The Effect of Airfoil Shape on the Lift of an Airplane	High School
Lindsey	Kulp	9	West Geauga High School	The Effects of Ultraviolet Light A on Bacteria as a Viable Mechanism for Disinfecting Contaminated Water	High School

2016 Sponsored Awards

ONR - Office of Naval Research

Certificate &
Medallion

Tricia	Trump	7	Miller South School VPA - APS	View from Below Seeing Colors Underwater	
Alexander	Massier	7	Birchwood School	Does mental or physical exercise influence your cognitive ability	
Robert	Pafford	8	Incarnate Word Academy	Speed Difference for Sending Data Over SFTP vs FTP	
Kyle	Doershuk	8	Stanton Middle School	Aerodynamics Of Airfoils	
Ohio Soybean Council					100
Fiona	Gaffney	9	Saint Vincent / Saint Mary High School	Soybean Growth in Hydroponic Systems	
OWEA - Ohio Water Environment Association (Northeast section)					100
Matt	Waina	12	Mentor High School	Analyzing the Effectiveness of Novel Filtration Systems to Combat E.coli Contamination in Combined Sewer Overflows	

2016 Sponsored Awards

OWEA - Ohio Water Environment Association (Northeast section)					50 Each (3)
Jackson	Tankersley	10	NIHF STEM High School - APS	The Bactericidal Effect of Green Coconut Water on E. coli-Contaminated Drinking Water	
Kaylie	Malloy	8	Saint Mary - Chardon	I Have 99 Problems & Microbeads Are 1	
Maximilian	Chmura	9	Saint Vincent / Saint Mary High School	The Effect of Electric Fields on Reducing Phosphate Runoff from Soybean Farmland	
Sigma Theta Tau - Delta Omega Chapter Nurses Honorary (Univ. of Akron)					100 Each (2)
Allison	Kao	12	Shaker Heights High School	The Role of CNG (Cyclic Nucleotide-Gated) Channels in a Parkinsonian Model of C. elegans	
Keara	Weiss	12	Mentor High School	The impact of the duration of stay in a subacute physical therapy rehabilitation facility on meaningful improvement in comfortable gait speed	