

★ ★ ★ **2019 SPONSORED AWARDS** ★ ★ ★

**[ ACCESS - Akron Council of Engineering & Scientific Societies ]**

Award Info.	First Name	Last Name	Grade	School	Project Title
\$50 Best Project	Gabrielle	Shainoff	7	St. Rita	9 Ways Immersed: A Paper Towel Absorbency Experiment
\$50 Best Project	Nicholas	Grizer	7	St. Sebastian	ACID RAIN: IMPACT ON CONSTRUCTION MATERIALS
\$50 Best Project	Lanelle	Butler	6	Noble Academy	Battery Cents

**[ ADSPE - Akron District Society of Professional Engineers ]**

Award Info.	First Name	Last Name	Grade	School	Project Title
\$50 Best Project - First Place	Hannah	Adams Gemmell	9	Firestone High School	Would you Kill the Ocean to Save your Skin? The effect of Reef safe Sunscreen, Oxybenzone, and Octocrylene on Bioluminescent Dinoflagellantes
\$50 Best Project - Second Place	Maheep	Brar	12	The University School - College Prep	A Robotic Platform to Monitor the Indoor Environment

**[ ACS - American Chemical Society (Cliff Schrader Award) (Akron Section) ]**

Award Info.	First Name	Last Name	Grade	School	Project Title
\$100 High School	Audrey	Zorman	10	Beaumont School	Characterizing the Electrical Resistance of Electrically Conductive Fabrics for Wearable Electronics

**[ AIChE - American Institute of Chemical Engineers, Akron Section ]**

Award Info.	First Name	Last Name	Grade	School	Project Title
\$75 for Best Example of Chemistry Applied in Engineering	Zoltan	Kotrebai	7	St. Paschal Baylon	Optimizing Electrolytic Hydrogen Production to Aid the Storage of Renewable Energy

**[ ASQ - American Society for Quality ]**

Award Info.	First Name	Last Name	Grade	School	Project Title
Best Use of Statistics	Snigdha	Cingireddi	9	Hathaway Brown	The Statistical Analysis on if Trazodone and Gabapentin Actually Reduce Stress and Anxiety in Dogs After Surgery
Best Use of Statistics	Sohum	Kapadia	10	The University School - College Prep	Anatomical Correlation Between Mitral and Tricuspid Valve Dimensions
Best Use of Statistics	Amanda	Blatz	12	Mentor High School	The Implications of Legally Treating Electronic Cigarettes the Same as Tobacco Products and Increasing the Legal Age to Purchase Tobacco Products to Twenty-One Years Old
Best Use of Statistics	Clara	Rykaczewski	12	Mentor High School	The Advancement of Emotional Intelligence in Doctoral Physical Therapy Students

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**[ ASCE - American Society of Civil Engineers (Akron-Canton Section) ]**

<b>Award Info.</b>	<b>First Name</b>	<b>Last Name</b>	<b>Grade</b>	<b>School</b>	<b>Project Title</b>
\$100 Best High School Civil Engineering Project	Andrew	McSteen	10	St. Vincent St. Mary	Filtering Contaminants with Activated Carbon
\$100 Best Middle School Civil Engineering Project	Thomas	Bender	7	Academy of St. Adalbert	What Aggregate Types are Best for Permeable Pavement?

**[ ASME - American Society of Mechanical Engineers (Akron Section) ]**

<b>Award Info.</b>	<b>First Name</b>	<b>Last Name</b>	<b>Grade</b>	<b>School</b>	<b>Project Title</b>
\$50 Best High School Mechanical Engineering Project	Edward	Dan	11	Solon High School	Designing a New Coating Device and Fabrication Process to Develop Ceramic Microtubes
\$50 Best Middle School Mechanical Engineering Project	Sachin	Singh	8	The University School	How does the number of grooves influence a golf shot?

**[ ASM International - The Materials Information Society (Akron Section) ]**

<b>Award Info.</b>	<b>First Name</b>	<b>Last Name</b>	<b>Grade</b>	<b>School</b>	<b>Project Title</b>
\$100 Best Materials Project	Vikram	Sundaram	8	Solon Middle School	FRUIT AND VEGETABLE POWERED BATTERIES - ACIDITY VS VOLTAGE
\$100 Best Materials Project	Adam	Khan	7	Stanton Middle School	The Interaction of Temperature and Liquid Crystals
\$100 Best Materials Project	Charles	Pafford	8	Incarinate Word Academy	Materials and Design Optimization for Fused Deposition Modeling (FDM) Application of Vehicle Suspension Parts

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**[ IEEE - Institute of Electrical & Electronics Engineers (Akron-Canton Section) ]**

<b>Award Info.</b>	<b>First Name</b>	<b>Last Name</b>	<b>Grade</b>	<b>School</b>	<b>Project Title</b>
\$50 Exceptional Electrical-related Project	Zoltan	Kotrebai	7	St. Paschal Baylon	Optimizing Electrolytic Hydrogen Production to Aid the Storage of Renewable Energy
\$50 Exceptional Electrical-related Project	Jing-Jing	Shen	12	Beachwood High School	Investigation of Thin-Film Silver as Top Electrode Material for Transparent Organic Solar Cells
\$50 Exceptional Electrical-related Project	Audrey	Zorman	10	Beaumont School	Characterizing the Electrical Resistance of Electrically Conductive Fabrics for Wearable Electronics
\$25 Exceptional Electrical-related Project	Sammy	Aidja	10	West Geauga High School - Chesterland	Solar Energy???
\$25 Exceptional Electrical-related Project	Grace	ElHindi	11	Beaumont School	The Effect of Mounting Angle and Convection Type on the Voltage Output of Photovoltaic Panels

**[ NESOWEA - Ohio Water Environment Association (Northeast Section) ]**

<b>Award Info.</b>	<b>First Name</b>	<b>Last Name</b>	<b>Grade</b>	<b>School</b>	<b>Project Title</b>
\$100 Best Project	Graden	Snyder	12	The University School - College Prep	THE EFFECTS OF ALUMINA FILTERS ON MICROCYSTIS AERUGINOSA GROWTH
\$50 Honorable Mention	Bryan	Rego	12	The University School - College Prep	ASSESSING THE OCCURRENCE OF MICROPLASTIC UPTAKE BY UNIONID FRESHWATER MUSSELS
\$50 Honorable Mention	Eleanor	Fleming	8	St. Paschal Baylon	How does increasing the strength of an electromagnetic field affect the vitality of blue-green algae?

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**[ ONR - Office of Naval Research ]**

<b>Award Info.</b>	<b>First Name</b>	<b>Last Name</b>	<b>Grade</b>	<b>School</b>	<b>Project Title</b>
\$50, Certificate, & Medallion - High School	Antonio	Linek	12	West Geauga High School	Vacuum Propulsion
\$50, Certificate, & Medallion - High School	Jing-Jing	Shen	12	Beachwood High School	Investigation of Thin-Film Silver as Top Electrode Material for Transparent Organic Solar Cells
\$50, Certificate, & Medallion - High School	Ryan	Devine	11	The University School - College Prep	Creating a Carbon Fiber Reinforced Polymer Matrix Composite (PMC) with Improved Elastic Properties
Certificate, & Medallion - Middle School	Cara	Heisterkamp	7	St. Raphael	The Biggest Catch...Which Line Will Snag It?
Certificate, & Medallion - Middle School	Nathan	Jones	7	National Inventors Hall of Fame School Center for STEM	How Could Perpetual Motion Impact Technology?
Certificate, & Medallion - Middle School	Brock	Gray	5	National Inventors Hall of Fame School Center for STEM	Heads Up: Speed of Different Types of Balls
Certificate, & Medallion - Middle School	Regan	Houser	7	St. Hilary	Viscosity Sinuosity

**[ Ohio Nurses Association - Summit and Portage District ]**

<b>Award Info.</b>	<b>First Name</b>	<b>Last Name</b>	<b>Grade</b>	<b>School</b>	<b>Project Title</b>
Best Health Care Project - HS	Amanda	Blatz	12	Mentor High School	The Implications of Legally Treating Electronic Cigarettes the Same as Tobacco Products and Increasing the Legal Age to Purchase Tobacco Products to Twenty-One Years Old
Best Health Care Project - HS	Kelsey	Poremba	12	Mentor High School	AWARENESS OF E-CIGARETTE HEALTH EFFECTS IN ADOLESCENT USERS
Best Health Care Project - MS	Sahar	Maleki	8	Hathaway Brown	Effects of Environmental Stress in the Developing Drosophila Melanogaster

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**[ Ohio Soybean Council ]**

<b>Award Info.</b>	<b>First Name</b>	<b>Last Name</b>	<b>Grade</b>	<b>School</b>	<b>Project Title</b>
\$100 Ohio Soybean Bioscience Award	Andy	Smith	11	Mentor High School	The effects of environmental factors on phosphorus leaching from Lake Erie soil
\$100 Ohio Soybean Bioscience Award	Ashleigh	Gibbs	8	St. Raphael	Bye Bye Bioplastics, an Alternate Solution to Pollution Caused by Traditional Plastics
\$100 Ohio Soybean Bioscience Award	Alison	Gunzler	8	Hathaway Brown	Effect of different materials on the amount of atrazine in groundwater.

**[ Sigma Theta Tau - Delta Omega Chapter Nurses Honorary (The University of Akron) ]**

<b>Award Info.</b>	<b>First Name</b>	<b>Last Name</b>	<b>Grade</b>	<b>School</b>	<b>Project Title</b>
\$100 Best Nursing-related Project	Sohum	Kapadia	10	The University School - College Prep	Anatomical Correlation Between Mitral and Tricuspid Valve Dimensions
\$100 Best Nursing-related Project	Neha	Sangani	7	Hathaway Brown	Effect of Solutes on The Absorbency of Sodium Polyacrylate

**[ Ohio Tuition Trust Authority ]**

<b>Award Info.</b>	<b>First Name</b>	<b>Last Name</b>	<b>Grade</b>	<b>School</b>	<b>Project Title</b>
	Robert	Boyce	8	St. Albert The Great	Sugar Crash
	Sachin	Singh	8	The University School	How does the number of grooves influence a golf shot?
Alternates	Regan	Houser	7	St. Hilary	Viscosity Sinuosity
Alternates	Isabella	Rambler	7	National Inventors Hall of Fame School Center for STEM	Why I Ordered E.coli Off the Internet