

# Sponsored Awards

Society/Organization	Award	Name	Gr.	School	Project Title
AASHP - Akron Area Society of Health-System Pharmacists	\$75 1st Place Best Medication-Related Project	Vibhuti Krishna	11	Solon HS	Evaluation of Low-dose PGE1 for Management of Ductus-dependent Congenital Heart Disease
AASHP - Akron Area Society of Health-System Pharmacists	\$50 2nd Place Best Medication-Related Project	Vanessa Cea	7	St. Joseph School	Does age connect with the Placebo Effect?
AASHP - Akron Area Society of Health-System Pharmacists	\$25 3rd Place Best Medication-Related Project	John Frindt	6	Notre Dame Elem	Digital Pill Dispensor
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (1 of 30)	Iulia Barbur	8	Hudson MS	Smart and Safe Around the House - A comparison Study of Protective Gloves vs Common Household Chemicals
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (2 of 30)	Harison Bhanoo	6	Notre Dame Elem	The E-Z Shelf
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (3 of 30)	Samuel Fasula	7	Perry MS	Antacid Neutralization
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (4 of 30)	John Friess	11	St. Vincent - St. Mary HS	Electrospinning Block Copolymers for Biomedical Applications
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (5 of 30)	John Frindt	6	Notre Dame Elem	Digital Pill Dispensor
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (6 of 30)	Brina Jeffries	7	Miller South	Bacteria Everywhere
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (7 of 30)	Alexis Hacking	7	Perry MS	What Common Drink Causes the Most Damage to Teeth
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (8 of 30)	Oliver Hildebrandt	12	St. Vincent - St. Mary HS	Using Peptides to Grow Gold Nanoparticles
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (9 of 30)	Sarah Hocevar	12	Beaumont HS	Perfluorooctanoic Acid Exposure Activates Mouse Pancreatic Acinar Cells
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (10 of 30)	Mairin Jerse	10	Beaumont HS	Nicotene and Cell Growth
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (11 of 30)	Megan Jones	10	Beaumont HS	The Effect of Temperature and pH on the Dissolution Times of Medicines and Dietary Supplements
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (12 of 30)	Sekaran Kanithra	9	Solon HS	Which food source, legumes or Pseudo-cereals, contains the greatest amount of proteins and lipid contents, is a good source of unsaturated fat that reduces obesity?
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (13 of 30) Shared between 2 winners)	Donghan Kim	7	Hudson MS	T.A.P.E. (Tape Adhesion Peeling Experiment)
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (13 of 30) Shared between 2 winners)	Kyunghan Kim	7	Hudson MS	T.A.P.E. (Tape Adhesion Peeling Experiment)
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (14 of 30)	Sasha Kovalchick	11	St. Vincent - St. Mary HS	Block Copolymer Ionomers Containing Zinc Stearate
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (15 of 30)	Vibhuti Krishna	11	Solon HS	Evaluation of Low-dose PGE1 for Management of Ductus-dependent Congenital Heart Disease
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (16 of 30)	Vinayak Kurup	6	Birchwood School	BMI, Heart Rate, Blood Pressure, and Exercise: Possible Correlates to Cardiovascular Health?
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (17 of 30)	Patrick Morley	12	St. Vincent - St. Mary HS	Tracking Elderly Patients in the Home
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (18 of 30)	Trent Navran	12	Solon HS	EGFR-targateded Gold Nanoparticle Constructs for Cancer Nanomedicine
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (19 of 30)	Nicholas Neill	10	St. Vincent - St. Mary HS	Creating a wound applicant from esterified citrus pectin and polyethyleneglycol diacrylate.
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (20 of 30)	Caroline Nhok	10	Beaumont HS	Blood Detector: The Chemiluminescence of Luminol
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (21 of 30)	Leat Perez	11	Beaumont HS	Killer Immunoglobulin-like Receptors (KIR) Gene Polymorphism and BKV Infection in Post-transplant Kidney and Kidney/Pancreas Recipients
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (22 of 30)	Alex Pianalto	11	St. Vincent - St. Mary HS	Fluorescence in Quantum Dot Nanocrystals
ABIA - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (23 of 30)	William Qu	11	Solon HS	Effects of Enhanced Physical Exercise on Hematopoietic Stem Cell Aging

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<b>ABIA</b> - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (24 of 30)	Sean Rich	7	NIHF Stem School	Microbe Survivors
<b>ABIA</b> - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (25 of 30)	Paige Rogozinski	7	St. Raphael School	Fast, Slow, High, Low: Antacid Dissolvability and Effectiveness
<b>ABIA</b> - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (26 of 30)	Krish Shah	9	Westlake HS	Electrochemical Detection of Nitric Oxide with a Diamond Electrode
<b>ABIA</b> - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (27 of 30)	Ivy Shi	10	Hudson HS	Non-Small Cell Lung Cancer and Hedgehog Signaling Pathway
<b>ABIA</b> - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (28 of 30)	Sam Smucny	6	Notre Dame Elem	Stair Chair
<b>ABIA</b> - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (29 of 30)	Sam Stroebel	12	Mentor HS	Infrared Spectral Analysis of Erythropoietin
<b>ABIA</b> - Austen BioInnovation Institute in Akron	\$25 Best Medicine Award (30 of 30)	Vincenzo Volpe	10	St. Vincent - St. Mary HS	Mimicking Spider Silk – The Effects of Velocity on the Extraction of Capture Threads in a Polymeric Solution
<b>ACCESS</b> - Akron Council of Engineering & Scientific Societies	\$100 Outstanding project	Leat Perez	11	Beaumont HS	Killer Immunoglobulin-like Receptors (KIR) Gene Polymorphism and BKV Infection in Post-transplant Kidney and Kidney/Pancreas Recipients
<b>ACS</b> - American Chemical Society (Cliff Schrader Award)	\$100 1st Place Chemistry HS	Oliver Hildebrandt	12	St. Vincent - St. Mary HS	Using Peptides to Grow Gold Nanoparticles
<b>ACS</b> - American Chemical Society (Cliff Schrader Award)	\$50 1st Chemistry MS (half of \$100 shared by team)	Donghan Kim	7	Hudson MS	T.A.P.E. (Tape Adhesion Peeling Experiment)
<b>ACS</b> - American Chemical Society (Cliff Schrader Award)	\$50 1st Chemistry MS (half of \$100 shared by team)	Kyunghan Kim	7	Hudson MS	T.A.P.E. (Tape Adhesion Peeling Experiment)
<b>ADSPE</b> - Akron District Society of Professional Engineers	\$50 Best Engineering HS	Vincenzo Volpe	10	St. Vincent - St. Mary HS	Mimicking Spider Silk – The Effects of Velocity on the Extraction of Capture Threads in a Polymeric Solution
<b>ADSPE</b> - Akron District Society of Professional Engineers	\$50 Best Engineering MS	Michael Zele	8	St. Albert the Great	London Bridge is Falling Down
<b>AICHE</b> - American Institute of Chemical Engineers	\$75 Best Chemical Engineering	Jessica Blankenship	11	St. Vincent - St. Mary HS	What is the Best Concentration of Gelator and Ethanol to Convert Both Oils Into a Weak but Functional Gel?
<b>ASCE</b> - American Society of Civil Engineers	\$100 Best Civil Engineering	Mica Brooks	8	Our Lady of the Elms	Stuck on Slump: A Test of Lightweight Concrete's Real Strength?
<b>ASM International</b> - The Materials Information Society	\$100 Best Materials project	Danielle Dejak	10	Beaumont HS	What Type of Liquid Causes Steel Nails to Rust Faster?
<b>ASM International</b> - The Materials Information Society	\$100 Best Materials project	Paul Ekey	8	Incarnate Word Acad	What Metal Wire Acts As The Best Catalyst Necessary For A Hydrogen Fuel Cell To Operate?
<b>ASM International</b> - The Materials Information Society	\$100 Best Materials project	Vincenzo Volpe	10	St. Vincent - St. Mary HS	Mimicking Spider Silk – The Effects of Velocity on the Extraction of Capture Threads in a Polymeric Solution
<b>ASME</b> - American Society of Mechanical Engineers	\$50 Best Mechanical Engineering HS (1 of 2)	William Jack	10	Hudson HS	D+D Nuclear Fusion Reactions in an Inertial Electrostatic Confinement Nuclear Fusion Reactor
<b>ASME</b> - American Society of Mechanical Engineers	\$50 Best Mechanical Engineering HS (2 of 2)	Trent Navran	12	Solon HS	EGFR-targated Gold Nanoparticle Constructs for Cancer Nanomedicine
<b>ASME</b> - American Society of Mechanical Engineers	\$50 Best Mechanical Engineering MS	Harison Bhanoo	6	Notre Dame Elem	The E-Z Shelf
<b>ASQ</b> - American Society for Quality	\$70 Best Use of Statistics	Vinayak Kurup	6	Birchwood School	BMI, Heart Rate, Blood Pressure, and Exercise: Possible Correlates to Cardiovascular Health?
<b>Bridgestone Americas Tire Operations, LLC</b>	\$150 Best Chemistry project	Jane Kim	10	Beaumont HS	Antioxidant Levels in Various Types of Vitamin Waters
<b>Bridgestone Americas Tire Operations, LLC</b>	\$150 Best Engineering project	Vincenzo Volpe	10	St. Vincent - St. Mary HS	Mimicking Spider Silk – The Effects of Velocity on the Extraction of Capture Threads in a Polymeric Solution
<b>Bridgestone Americas Tire Operations, LLC</b>	\$150 Best Physics project	Maximilian Caliguire-Maier	8	Incarnate Word Acad	Wind Turbine Energy
<b>IEEE</b> - Institute of Electrical & Electronics Engineers	\$50 Exceptional Electrical-related project	William Jack	10	Hudson HS	D+D Nuclear Fusion Reactions in an Inertial Electrostatic Confinement Nuclear Fusion Reactor
<b>IEEE</b> - Institute of Electrical & Electronics Engineers	\$25 Exceptional Electrical-related project	Maximilian Caliguire-Maier	8	Incarnate Word Acad	Wind Turbine Energy
<b>IEEE</b> - Institute of Electrical & Electronics Engineers	\$25 Exceptional Electrical-related project	Peter Campanelli	5	East Woods Elem	Can You Boost Your WiFi?
<b>IEEE</b> - Institute of Electrical & Electronics Engineers	\$25 Exceptional Electrical-related project	Michael Girbino	10	West Geauga HS	Power Factor Correction

# Awards Order Sponsored

<b>IEEE</b> - Institute of Electrical & Electronics Engineers	\$25 Exceptional Electrical-related project	Marc Manolache	8	Solon MS	Electromagnetic Levitation
<b>IEEE</b> - Institute of Electrical & Electronics Engineers	\$25 Exceptional Electrical-related project	Zachariah stone	5	NIHF Stem School	How Does Electricity Flow
<b>Kent Elastomer Products</b>	\$200 Best Environmental Science HS	Trent Navran	12	Solon HS	EGFR-targeted Gold Nanoparticle Constructs for Cancer Nanomedicine
<b>ONA</b> - Ohio Nurses Association	\$50, Dinner at ONA awards ceremony Best Health/Nursing-related Project HS	Vibhuti Krishna	11	Solon HS	Evaluation of Low-dose PGE1 for Management of Ductus-dependent Congenital Heart Disease
<b>ONA</b> - Ohio Nurses Association	\$50, Dinner at ONA awards ceremony Best Health/Nursing-related Project MS	Vinayak Kurup	6	Birchwood School	BMI, Heart Rate, Blood Pressure, and Exercise: Possible Correlates to Cardiovascular Health?
<b>OWEA</b> - Ohio Water Environment Association	\$100 gift card, Congratulations letter and Certificate & Plaque	Olivia Kreft	8	Solon MS	Determining the Best Material to Clean up an Oil Spill
<b>OWEA</b> - Ohio Water Environment Association	\$50 gift card & Congratulations letter	Mitchell Pallaki	7	St. Raphael School	The Best Oil Absorbent Clean-up Analysis
<b>Sigma Theta Tau</b> - Delta Omega Chapter Nurses Honorary (Univ. of Akron)	\$50 Best Nursing/Health-Related Project	Vinayak Kurup	6	Birchwood School	BMI, Heart Rate, Blood Pressure, and Exercise: Possible Correlates to Cardiovascular Health?
<b>SPIE</b> - An international society advancing an interdisciplinary approach to the science and application of light	\$250 for 1st prize	Allison Siragusa	11	Beaumont HS	Absorption of Radiant Energy by Different Colors
<b>SPIE</b> - An international society advancing an interdisciplinary approach to the science and application of light	\$150 for 2nd prize	Kevin Yang	8	Hudson MS	Measuring Sugar Content In Water Using A Laser Pointer