

Category Awards by Place

Award	CertificateName School	Grade	Title	Teacher
Grand Award				
	Haley Lemle Jonesville High School	12	Does the use of peanut derived products in broiler feed affect food quality	Kimberly Salsbury
	Omer Siddiqui Detroit Country Day Upper	11	Strong Matching Preclusion for Arrangement Graphs	Ross Arseneau
First Place				
	Rishuv Mehta Detroit Country Day Upper	11	IMU Based Hand Tracking For Drone Control	John Dougherty
	Arushi Arora Novi Senior High School	10	Computational Data Analysis to Identify Tissue Specific Transcription Factors	James Didio
Second Place				
	Hojin Han Ann Arbor Pioneer	11	Wet Scrubbing Process to Clean Flue Gas from Wood Burning	Dr. Cinda-Sue Davis
	Hongxiang Zhao Detroit Country Day Upper	10	Accuracy and Efficiency of TSP Heuristics	Ross Arseneau
	Malini Mukherji Indus Center for Academic Excellence -HS	10	Dye-Sensitized Solar Cells	Rahul Mital
	Neehal Tumma Port Huron Northern High School	9	The Role of Identical and Analogous Signaling Molecules on Gene Expression in	Raymond Gambill
Third Place				
	Kaylie Barton Saginaw Arts and Sciences Academy	10	Building a Prototype to Alleviate Tension Neck Syndrome	David Allan
	Kiana Sadri Detroit Country Day Upper	11	The Effect of Plant-Based Compounds on Baker's Yeast	Marc Fazio

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	Julianne Grenn Divine Child HigAASH School	11	Lamprey - Nocturnal Predators of the Great Lakes	Elizabeth Bloomfield
	Priya Vijayakumar Detroit Country Day Upper	11	The Creation of a Novel Vector that Differentiates iPSCs into Neurons	John Dougherty
	Alden Kane University of Detroit Jesuit High School	12	Wheelchair-Stroller: A Solution to Infant Transportation for Wheelchair Users	Dominic Coccitti-Smith
	Emily Wang Troy High School	11	A Novel Mobile-Based Palm Vein Identification System	Rebecca Brewer
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Fourth Place				
	Thomas Brefeld Divine Child High School	11	Pavlov's Dog Remixed	Kimberly Toloday
	Clara Wagner Saginaw Arts and Sciences Academy	11	Investigating Shear Thickening Fluid Applications to Decrease Linear and Rotat	Dr. Allan
	Shrikant Chand Detroit Country Day Upper	10	Novel Ultrastable Fluorescent PCB-DSPE Encapsulated Quantum Dot Synthesis	Riccardo Di Pasquo
	McKendra Perry Addison Community Schools	9	The Effect of Various Organic Substances on the Breakdown of Flushable Wipes	Aaron Wesche
	Josh Zhe Detroit Country Day Upper	9	Autonomous Raspberry Pi Car	Richard Fitzner
	Alison Choi Skyline High School	11	The Effect of Age on the Duration of Retinal Fatigue	Jeffrey Bradley
	Christopher Gilmer Hill Detroit Country Day Upper	10	Culturing of Algae with Automated Media Recycling	Gillian Vonseeger
	Kevin Begic University of Detroit Jesuit High School	11	MS targeted to D. melanogaster results in temperature phenotypic alterations	Dominic Coccitti-smith