

Category Awards by Place

Award	CertificateName School	Grade	Title	Teacher
Grand Award				
	Claire Wang Detroit Country Day Upper	11	An Analysis of Proton Permeation in Liposomes Using Standard Phospholipids and	Marc Fazio
	Ashi Arora Novi Senior High School	12	Interaction Between CD47 and EGF Receptors in Breast Cancer Stem Cells	James Didio
First Place				
	James Wegienka Detroit Catholic Central High	10	Developing a Smartphone Application to Measure the Condition of a Gravel Road	Steve Lemieux
	Anuush Vejalla Detroit Country Day Upper	11	A Novel Method to Alleviate Neurodegenerative Diseases with Stem Cells	John Dougherty
Second Place				
	Mahati Vavilala Novi Senior High School	12	Engineering Biodegradable Orthopedic Implants	James Didio
	Isabel Hsu Crestwood Senior High School	12	Effect of cucumber fruit peel extracts on inhibition of Phytophthora capsici	Diana Johns
	Medha Krishen Port Huron Northern High School	11	The Heart Speaks: Analysis of Sounds to Characterize the Heart Muscle	Mrs. Sparling Jamison
	Rosalie Gagnon Gagnon Family Homeschool	10	Astronomical Spectroscopy Using a Home Built Spectroscope	Thomas Gagnon
Third Place				
	Shreya Menon Skyline High School	11	The Effect of Antioxidant Supplements in Human Cancers	Casey Warner
	Naveen Jasti Detroit Country Day Upper	12	An Investigation of MDM2 in the Invertebrate Species Tribolium castaneum	Marc Fazio

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	Carol Wu Detroit Country Day Upper	11	Astrocytic Proliferation in Auditory Regions after Traumatic Brain Injury	Marc Fazio
	Martin Deegan Ann Arbor Pioneer	11	Exploding CDs	Dr. Cinda-Sue Davis
	Aishah Ahmed Port Huron Northern High School	11	Physiological and Behavioral Impacts of a Neonicotinoid and its Metabolite	Arlene Grabbitt
	Kiana Sadri Detroit Country Day Upper	10	The Effect of Green and Black Tea on Baker's Yeast	Marc Fazio
	Ella Lawson Divine Child High School	10	Here Comes the Sun: Dye-Sensitized Titanium Dioxide Solar Cell	Natalie Karl
	Mason Brudzinski Michigan Math and Science Academy	11	Development of a Low-Cost Aggregate Imaging System	Huseyin Yagci
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Fourth Place				
	Jennie Yang Troy High School	11	Accelerated Sintering and Retarded Grain Growth of 3Y-TZP Ceramic under AC	Rebecca Brewer
	Jason Wu Cranbrook Kingswood Upper School	10	Identification of DDR2 as a Critical Molecule in Breast Cancer Stem Cells	Greg Miller
	Jeremy D'Silva Father Gabriel Richard High School	11	Ebola Epidemic in West Africa: A Transmission Model to Compare Interventions	Dr. Marisa Eisenberg (Univ. of Michigan)
	Ayesha Khanam Cass Technical High School	12	Material Properties of Chitosan-Based Fibers and Fiber Embedded Scaffolds	Nathaniel Lewis
	Amy Ensing Skyline High School	10	Which Antioxidant is Most Effective When Countering an Oxidant in Daphnia?	Jeffrey Bradley
	Clara Wagner Saginaw Arts and Sciences Academy	10	Investigating External Interventions Applied to Football Headgear to decrease	Dr. David Allan
	Katie Sesi Ann Arbor Huron	9	A Key To Understanding Learning and Memory: Spatial Cognition in Goldfish	David Russell
	Malini Mukherji Indus Center for Academic Excellence -HS	9	Solving minimality problems using soap bubbles	Rahul Mital