## Category Awards by Place

Award Ce	ertificateName School	Grad	de Title  Teacher
Grand Award			
Clara	Wagner Saginaw Arts & Sciences Academy		Investigating Tuned Magneto-Rheological Reservoirs, Compression Systems, and S Dr. Allan
Katha	nrine Shao Detroit Country Day Upper	11	The Effect of Mechanical Compression on Cancer Cell Proliferation  John Dougherty
First Place			
Arush	ni Arora Novi Senior High School	11	Utilizing the WGCNA package in R to Identify Biomarkers for Infantile Spasms  James Didio
Richa	rd Yang Troy High School	11	Optimization of Electro Pulsing on 3Y-TZP Ceramic Water Filter Sintering  Rebecca Brewer
Second Place			
Aarus	shi Ganguly Greenhills	9	Bayesian probablity technique to estimate Schziophrenia genes  Catherine Renaud
Arsala	an Khan Dearborn Center for Math, Scienc		The Effect of SAP's on Soil Moisture and Plant Height -Solving The Drought Cri Tech Brian Taylor
Aarzo	oo Mahajan Saginaw Arts & Sciences Academy		The Effects of Heavy Metal Contamination on Various Aquatic Organisms  Mr. Matthew Miller
Tina F	Pakko Dearborn Center for Math, Scienc		Wind Noise Reduction Device for the Hearing Impaired Tech Brian Taylor
Third Place			
Samu	iel Maher Arthur Hill High School	11	The construction of a price reduced 3D printed turbidity meter  Mark Hellebucyk
Grace	e Macomber Saginaw Arts & Sciences Academy		Toward Making Extrudable, Water-Soluble Plastic From the Shells of Gulf Shrimp  Matthew Miller

Saturday, April 1, 2017 Page 1 of 2

Awar		Grad	de Title
	School		Teacher
	Madeleine Yang Detroit Country Day Upper	10	High-dimensional Single-cell Cytometry Analysis of Cancer Stemness  Ross Arseneau
	Ajay Arora Novi Senior High School	10	Strong Matching Preclusion of the Generalized Petersen Graph  James Didio
	Darla Martinez Saginaw Arts & Sciences Academy		Biocompatibility of 3-D Printed Plastics with Staphylococcus epidermidis in Hy  Matthew Miller
	Kiana Sadri Detroit Country Day Upper	12	Testing Biodegradable Compounds in Rubber Tire Formulations  Marc Fazio
	Julia Shen Detroit Country Day Upper	10	Eco-Friendly Lithium-ion Battery Reuse via Intelligent Energy Harvesting Rami Baroodi
Fourth	Place		
	Marinos Bernitsas Northville High School	9	Do Fish Hold the Secret to Hydrokinetic Energy Harnessing?  Karin Nelson
	Arundhathy Suresh Pioneer HS	10	Mechanism by Which Holy Basil Protects Human Cells Against Pneumonia.  Dustin Quandt
	Malini Mukherji Notre Dame Prep. High School	11	Determining light-source location using Machine Learning and Solar Cells  Jocelynn Yaroch
	Rohit Mital Indus Center for Academic Excelle		Mat Innovation for Mounting Ceramic Substrates -HS Rahul Mital
	Zaid Haque Saginaw Arts & Sciences Academy		Testing the Geometrical and Chemical Structure of Methylbutenol Synthase: Find Matthew Miller
	Brandon Davis Saginaw Arts & Sciences Academy		Reducing Carbon Emissions From A Coal Burning Plant David Allan
	Georgia Ziegler  Dearborn Center for Math, Science		The Effects of Copper Sulfate on the Health and Growth of Dracena Sanderiana Tech Brian Taylor
	Katherine Garber  Dearborn Center for Math, Science		Electronic Tap Board Tech Deena Alam-parks
	Collin Wang  Detroit Country Day Upper	10	Measuring Expression for Novel Variations in Enhancers using STARR-seq Data Gillian Vonseeger

Saturday, April 1, 2017 Page 2 of 2