



Place Prize (\$) Category	Student / School / Project Title	Project	Grade	Division Gender
1 300 Life Science	Schall, Benjamin Saginaw Arts And Sciences Academy DNA Damage Induced By Cell Phone Rf Radiation	253	12	Senior Male
2 250 Physical/Engineering	Shepich, Nicholas Saginaw Arts And Sciences Academy Traffic Signal Color Detection Using The Pixy2 Camera	665	10	Senior Male
3 250 Physical/Engineering	Wagner, Andrew Saginaw Arts And Sciences Academy Engineering A Superior Bumper Reinforcement System With A Piezoelectric Force Sensor In High Energy Collisions	172	9	Senior Male
4 250 Physical/Engineering	Lal, Sinan Port Huron Northern Development Of An Artificial Neural Network For Semantic Segmentation Of Nuclei And Mitochondria In Transmission Electron Microscopy (Tem) And Serial Block Face Scanning Electron Microscopy (Sem) Of Human Cells	75	10	Senior Male
5 200 Life Science	Bandla, Akshanth Saginaw Arts And Sciences Academy The Disaggregation Properties Of Epigallocatechin Gallate On Amyloid Fibrils Formed From Beta- Lactoglobulin Aggregation And The Effects Of Epigallocatechin Gallate On Caenorhabditis Elegans	135	11	Senior Male



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5 200 Life Science	Amin, Malhar Saginaw Arts And Sciences Academy Accelerating Enzymatic Reactions In E. Coli Encoded With The Lux Operon To Increase Luminosity	45	11	Senior Male
5 200 Life Science	Patel, Pratham Saginaw Arts And Sciences Academy Effects Of Dopamine On Regeneration Rates Of Planaria	258	11	Senior Male
5 66.67 Physical/Engineering	Bremmer, Grace Herbert Henry Dow High School Fabrications Of Scaffolds For Bone Repair And Regeneration	118	12	Senior Female
5 66.67 Physical/Engineering	Joffre, Therese Midland High School Fabrications Of Scaffolds For Bone Repair And Regeneration	118	12	Senior Female
5 66.67 Physical/Engineering	Mcnamara, Logan Herbert Henry Dow High School Fabrications Of Scaffolds For Bone Repair And Regeneration	118	12	Senior Male
5 200 Physical/Engineering	Maliskey, Shiloh Saginaw Arts And Sciences Academy Using Gypsum To Reduce The Urban Heat Island Effect	244	11	Senior Female



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5 200 Physical/Engineering	Collins, Mariah Saginaw Arts And Sciences Academy Fabricating Bone Scaffolds Using Peek Incorporated With Hydroxyapatite And Carbon To Enhance Mechanical Properties	138	11	Senior Female
5 200 Life Science	Szejbach, Ian Saginaw Arts And Sciences Academy Developing Resistance To Silver Nanoparticles In Pseudomonas Fluorescens	43	12	Senior Male
6 50 Life Science	Nair, Arohi Okemos High School Identifying Chest Radiographs With No Pathology Using A Convolutional Neural Network	649	9	Senior Female
6 50 Physical/Engineering	Nair, Ayan Okemos High School A Smart Aid For The Visually Impaired To Detect Approaching Objects With Varying Speeds	651	9	Senior Male
6 50 Life Science	Mamillapalli, Bhanu Teja Saginaw Arts And Sciences Academy Preventing Skin Cancer With Precise Photochromic Indicators	42	11	Senior Male
6 50 Earth/Chemical	Hales, Isaac Valley Lutheran High School Up Cycling Paves The Way To Better Infrastructure	146	12	Senior Male



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6 50 Life Science	Mahajan, Armaan Saginaw Arts And Sciences Academy An In Vitro Evaluation Of The Effects Of Resveratrol And Amygdalin On Cell Division Of Lytechinus Variegatus Zygotes	80	9	Senior Male
6 50 Life Science	Burkhard, Vanessa Saginaw Arts And Sciences Academy The Effects Of Polymer Degradation On Stentor Coeruleus	274	9	Senior Female
6 50 Life Science	Ahmad, Serena Saginaw Arts And Sciences Academy The Physiological Effects Of High-Fructose Corn Syrup 55 On Vanessa Cardui	119	11	Senior Female
6 50 Physical/Engineering	Howald, Gabe Saginaw Arts And Sciences Academy A Study Of Language Efficiency	49	10	Senior Male
6 50 Physical/Engineering	Crachiola, Joseph Saginaw Arts And Sciences Academy Determining The Ability Of An Algorithm To Imitate Human Musical Composition	61	9	Senior Male
6 50 Physical/Engineering	Wang, David Herbert Henry Dow High School Quantum Computing	242	12	Senior Male



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6 50 Life Science	Bennett, Nicole Saginaw Arts And Sciences Academy Decomposition Of Polystyrene With Mealworms	264	11	Senior Female
6 50 Earth/Chemical	Mccarthy, Katie Saginaw Arts And Sciences Academy Calculating The Concentrations Of Nonmetals In Water Samples Leading To Harmful Algal Blooms In Previously-Fertilized Areas	137	11	Senior Female
6 50 Physical/Engineering	Zaman, Nabil Saginaw Arts And Sciences Academy Developing A Driver'S Aid Application	202	11	Senior Male
6 50 Physical/Engineering	Masley, August Saginaw Arts And Sciences Academy Determining The Optimum Deceleration For Braking Cars	44	11	Senior Male
6 50 Physical/Engineering	Petelka, Leland Saginaw Arts And Sciences Academy The Effectiveness Of Different Shoulder Pads In Preventing Commotio Cordis-Causing Impacts	26	9	Senior Male
6 50 Physical/Engineering	Asiala, Levi Saginaw Arts And Sciences Academy Using Artificial Intelligence To Read Facial Emotions	53	10	Senior Male



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6 50 Physical/Engineering	Wells, Katrina Birch Run High School It Will All Come Out In The Wash: The Filtration Of Microplastic Fibers In Washing Machine Discharge Through A Valvular Conduit	116	9	Senior Female
6 50 Life Science	Wong, Audrey Saginaw Arts And Sciences Academy Concentration Of Cacl2 On Transforming Bacteria	280	10	Senior Female
6 50 Physical/Engineering	Johri, Saarthak Saginaw Arts And Sciences Academy Wet Gamma Ray Shielding	255	12	Senior Male
6 50 Physical/Engineering	Aouadi, Rayen Saginaw Arts And Sciences Academy Comparing Different Machine Learning Models And Their Effectiveness In Predicting Data	81	9	Senior Male
6 50 Life Science	Parashar, Josh Heritage High School Restricting Weed Growth With Allelopathic Substances Vs Industrial Herbicide	215	11	Senior Male
6 50 Physical/Engineering	Wolf, James Saginaw Arts And Sciences Academy Building An Injection Molding Machine For Low-Temperature Thermoplastics	251	11	Senior Male



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6 50 Life Science	Colon, Jonathan Saginaw Arts And Sciences Academy The Effects Of Electromagnetic Radiation On Escherichia Coli	29	9	Senior Male
6 50 Life Science	Evans, Braydon Saginaw Arts And Sciences Academy The Effects Of Fungi On Varying Bacteria	272	9	Senior Male
6 50 Life Science	Gill, Ajaybir Saginaw Arts And Sciences Academy Measuring The Effect Of Ozone On Nitrogen Fixation	248	12	Senior Male
6 50 Earth/Chemical	Ginjudipalli, Samhith Saginaw Arts And Sciences Academy Nanoclay Synthesis	641	10	Senior Male
6 50 Life Science	Barnes, Julia Saginaw Arts And Sciences Academy Comparison Of Photosynthesis Rates In Cushion Moss And Lawn Grass	91	9	Senior Female
6 50 Life Science	Kinnicuttt, Emily Saginaw Arts And Sciences Academy Microplastics And Tetrahymena Thermophila Reproduction	154	10	Senior Female



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6 50 Earth/Chemical	Malewar, Tanvi Saginaw Arts And Sciences Academy The Effect Of Different Types Of Storage On The Chemical Properties Of Water	82	9	Senior Female
6 50 Life Science	Watson, Nathaniel Saginaw Arts And Sciences Academy Red Vs. Blue: How Clothing Color Affects Perceived Dominance And Assertiveness	23	9	Senior Male
6 50 Physical/Engineering	Dickson, David Powers Catholic High School Blitzball Vs. Wiffle Ball	257	9	Senior Male
6 50 Life Science	Lee, Tara Saginaw Arts And Sciences Academy The Effects Of Vitamins On Cell Growth	90	9	Senior Female
6 50 Life Science	Metcalfe, Reece Saginaw Arts And Sciences Academy The Effect Of Alcoholic Hand Sanitizers Compared To Non Alcoholic Hand Sanitizers	83	9	Senior Male
6 25 Life Science	Flint, Ryan Homeschool "Say Bye To E.Coli"	132	10	Senior Male



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6			Tebo, Jacob	132	10	Senior	
25			Tebo School			Male	
		Life Science	"Say Bye To E.Coli"				