2016 Flint Regional Science Fair
Finalists and Special Award Winners

Cat	D	RF/ HM	Fin	Fin Ran	Prize	ISEF	Special Awards	First Name	Last Name	Gend	Grd	Project Title	School
Phy/ Engr	S		Y	1	$1,000	ISEF	ASM International Foundation, City of Flint/Office of the Mayor, Dr Michael Farney Award, MU Alpha Theta, Practical Innovation in Science Award, U.S. Air Force, U.S. Navy Office of Naval Research, Yale Science & Engineering Association	Clara	Wagner	F	11	Investigating Shear Thickening Fluid Applications To Decrease Linear and Rotational Mean Peak Acceleration As Measured By Dual Axis Accelerometers In Hockey Headgear and a Hybrid 3 Head Form	Saginaw Arts And Sciences Academy
Life	S		Y	2	$800	ISEF	Explore Lab Science Program (Silver), Genesys Regional Health Center (Medicine & Health Services), Society for In Vitro Biology	Sophia	Ahmed	F	11	Compounding Effects of Hyperlipidemia and Hyperglycemia In The Exacerbation and Early Detection of Diabetic Retinopathy	Port Huron Northern High School
Phy/ Engr	S		Y	3	$500	ISEF	Explore Lab Science Program (Gold), Kettering University (Computer Engineering), U.S. Air Force	Christopher	Barnes	M	12	Designing An Inexpensive Prosthetic Hand	Saginaw Arts And Sciences Academy
Life	S		Y	4	$400		McLaren Health Care Corporation (Biochemistry), Mehta Family Awards	Raegan	Schultz	F	12	The Effects of Neurotransmitters and Their Blockers On Aerobic Respiration	Saginaw Arts And Sciences Academy
Life	S		Y	4	$400	Observer	ASU Rob & Melani Walton Sustainability Solutions, Hurley Medical Center, McLaren Health Care Corporation (Microbiology), McLaren Health Care Corporation (Cellular & Molecular Biology), Mehta Family Awards	Neehal	Tumma	M	9	Thr Role of Identical and Analogous Signaling Molecules In Gene Expression In Quorum Sensing Pathways In Peudomonas Aeruginosa	Port Huron Northern High School
Eart h/Ch em	S		Y	5	$300	Observer	U.S. Metric Association, St Marys of Saginaw Michigan	Kaylie	Barton	F	10	Construction of a Back Brace To Improve Neck Problems	Saginaw Arts And Sciences Academy
Life	S		Y	5	$300		McLaren Health Care Corporation (Medicine & Health Service)	Aarzoo	Mahajan	F	11	The Effect of Acid Exposure On Dental Amalgam Restorations	Saginaw Arts And Sciences Academy
Phy/ Engr	S		Y	5	$300			Cameron	Terry	M	12	Solving a Maze By Simulating Nature	Saginaw Arts And Sciences Academy
Life	S		Y	5	$300		Genesee County Medical Society, Genesys Regional Health Center (Cellular & Molecular), Intel Computer Award, Ricoh Sustainable Award	Kacher	Velam	M	11	Building An Innovative, New, Portable, Low Cost DNA Sequencer For Single Stranded DNA Sequencing Using First-Principles Linear Response, Nanoelectrodes and Transversal	Ogemaw Heights High School
Phy/ Engr	S		Y	6	$150			Nikhil	Korrapati	M	10	Effect On Temperature On Efficiency of PEM Fuel Cell	Saginaw Arts And Sciences Academy
Phy/ Engr	S		Y	6	$150		U.S. Air Force, U.S. Navy Office of Naval Research	Safi-Ur-Rahman	Syed	M	10	The Effect of Different Factors On The Output of a Generator In Both Voltage and Current	Saginaw Arts And Sciences Academy

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Life	S		Y	6	$150	Alternate Observer	Genesys Regional Health Center (Microbiology)	Sarah	Syeda	F	9	Improving The Efficiency of Bacterial Transformation	Saginaw Arts And Sciences Academy
Life	S	RF	N				Explore Lab Science Program (Bronze)	Henna	Haque	F	9	The Effects of Fertilizers On The Growth of Biota	Saginaw Arts And Sciences Academy
Life	S	RF	N				Matthew Bauerle Mathematics Award	Lauren	Kaylor	F	12	Exploration of Basking Behavior At Forest Hill Nature Center	Saginaw Arts And Sciences Academy
Life	S	RF	N				ASU Rob & Melani Walton Sustainability Solutions, Genesys Regional Health Center (Biochemistry, Earth and Environmental), iSweep, National Aeronautics & Space	Grace	Macomber	F	11	Using Invasive Phragmites As a Soil Amendment and Carbon Offset	Saginaw Arts And Sciences Academy
Life	S	RF	N				Flint River Watershed Coalition, MIAHMP Michigan Association of Hazardous Material Professionals, Stockholm Junior Water Prize	Mahah	Naveed	F	10	A Comparison of Michigan Water	Saginaw Arts And Sciences Academy
Life	S	RF	N				McLaren Health Care Corporation (Behavioral & Social Science), St Marys of Saginaw Michigan	Nikita	Patel	F	12	The Influence of Color On Memory Performances	Saginaw Arts And Sciences Academy
Phy/ Engr	S	RF	N				Kettering University (Computer Engineering)	Michael	Powers	M	12	Stronghold Struggle	Saginaw Arts And Sciences Academy
Life	S	RF	N				American Psychological Association	Gavin	Shrestha	M	12	The Effects of Stress On Eyewitness Memory	Saginaw Arts And Sciences Academy
Life	S	RF	N				Genesys Regional Health Center (Biochemistry, Earth and Environmental)	John	Smith	M	12	A Comparison of The Cloud Points of Biological Oils	Saginaw Arts And Sciences Academy
Phy/ Engr	S	RF	N				U.S. Air Force	Aaron	Streng	M	12	Electrostatic Motor	Saginaw Arts And Sciences Academy
Life	S	RF	N				St Marys of Saginaw Michigan	Samuel	Veverka	M	12	The Effects of Diabetes Medication On Falls In The Elderly	Saginaw Arts And Sciences Academy
Eart h/Ch	J		Y	1G	$1,000		Broadcom MASTERS, City of Flint/Office of the Mayor	Tyler	Barton	M	8	Predicting The Stability of Cubelene. a New Molecular Building Block?	Saginaw Arts And Sciences Academy
Life	J		Y	1	$500		American Meteorological Society, Broadcom MASTERS, City of Flint/Office of the Mayor	Neil	Janwani	M	8	An Invisible Blanket	Saginaw Arts And Sciences Academy
Phy/ Engr	J		Y	1	$500		Broadcom MASTERS, City of Flint/Office of the Mayor	Shradha	Shendge	F	8	Innovation, Conglomeration, and Seperation	Saginaw Arts And Sciences Academy
Life	J		Y	2	$400		Broadcom MASTERS	Affan	Ahmed	M	6	Fertilizer Freakout	Saginaw Arts And Sciences Academy
Eart h/Ch	J		Y	2	$400		Broadcom MASTERS	Abigail	Arnes	F	8	Comparison of Non-Sterile and Sterile Soil In a Microbial Fuel Cell	Davison Middle School

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Phy/ Engr	J		Y	2	$400		Broadcom MASTERS, U.S. Navy Office of Naval Research	Lillian	Gagnon	F	8	Wool Gathering	Homeschool
Phy/ Engr	J		Y	3	$300		Broadcom MASTERS, U.S. Navy Office of Naval Research	Tia	France	F	8	Up On The Rooftops	Davison Middle School
Life	J		Y	3	$300		Broadcom MASTERS, McLaren Health Care Corporation (Behavioral & Social Science), St Marys of Saginaw Michigan	Pahulpree	Kaur	F	6	How Does Music Affect Blood Pressure	Saginaw Arts And Sciences Academy
Eart h/Ch	J		Y	3	$300		Broadcom MASTERS, Genesys Regional Health Center (Cellular & Molecular)	Amaka	Unobagha	F	8	Yeast Fermentation In Carbohydrates	Saginaw Arts And Sciences Academy
Life	J		Y	4	$200		Broadcom MASTERS, Genesys Regional Health Center (Medicine & Health Services), Hurley Medical Center, Mid Michigan Ambulatory Physicians	Zara	Ahmed	F	6	Bacteria Among Us...	Saginaw Arts And Sciences Academy
Life	J		Y	4	$200		Broadcom MASTERS, Mehta Family Awards	Mason	Allen	M	8	Helping Hydroponics	Davison Middle School
Eart h/Ch	J		Y	4	$200		Broadcom MASTERS	Levi	Asiala	M	6	What Oil Burns The Longest?	Saginaw Arts And Sciences Academy
Phy/ Engr	J		Y	4	$200		Broadcom MASTERS	Carsyn	Bruns	F	8	Which Cleat Will Give You Maximum Traction?	Davison Middle School
Eart h/Ch em	J		Y	4	$200		Broadcom MASTERS, Flint River Watershed Coalition	Alex	Buckel	M	8	Crude Awakening: Investigating Eco-Friendly Cleanup Methods In The Event of An Oil Spill On The Great Lakes	Lakeville Middle School
Eart h/Ch	J		Y	4	$200		Broadcom MASTERS, U.S. Navy Office of Naval Research	Loraine	Gigi	F	7	Antacid Neutralization	Saginaw Arts And Sciences Academy
Eart h/Ch	J		Y	4	$200		Broadcom MASTERS	Jackson	Haw	M	8	Comparison Between Biofuels and Non-Renewable Resources	Davison Middle School
Life	J		Y	4	$200		Broadcom MASTERS, McLaren Health Care Corporation (Biochemistry), Mid Michigan Ambulatory Physicians	Misha	Naveed	F	8	Toxic Heart Beats	Saginaw Arts And Sciences Academy
Phy/ Engr	J		Y	4	$200		Broadcom MASTERS	Libby	Olson	F	8	Windturbines--A Wind-Wind Solution	Davison Middle School
Phy/ Engr	J		Y	4	$200		Broadcom MASTERS, Mehta Family Awards	Robert	Walker	M	8	Is Your Wi-Fi Wacky?	Davison Middle School
Life	J		Y	5	$100		Genesys Regional Health Center (Biochemistry, Earth and Environmental)	Serena	Ahmad	F	7	The Effect of Oil Spills On Aquatic Birds	Saginaw Arts And Sciences Academy
Phy/ Engr	J		Y	5	$100			Syed	Alam	M	6	Eggcellent Helmets	Saginaw Arts And Sciences Academy

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Eart h/Ch	J		Y	5	$100			Saif	Ali	M	7	Will Flint Water Lead It Grow	Homeschool
Phy/ Engr	J		Y	5	$100		Matthew Bauerle Mathematics Award	Malhar	Amin	M	7	Lift Off a Comparison of Lift Between Different Wing Types	Saginaw Arts And Sciences Academy
Eart h/Ch	J		Y	5	$100			Hope	Cantrell	F	8	Wow This Fire Is Hot	Davison Middle School
Phy/ Engr	J		Y	5	$100			Kevin	Cheng	M	8	The Effects of Different Materials On Muon Permeability	Saginaw Arts And Sciences Academy
Eart h/Ch	J		Y	5	$100			Ariana	Dimaggio	F	8	Chemical Oxidation In Apples	Davison Middle School
Eart h/Ch	J		Y	5	$100			Madelynn	Dunn	F	8	Wind-Wind Solution	Davison Middle School
Phy/ Engr	J		Y	5	$100			Brendan	Fox	M	8	Mag Wire	Davison Middle School
Life	J		Y	5	$100			Ally	Fulton	F	8	Thirsty Plants	Holy Family Catholic School
Life	J		Y	5	$100			Rachel	Hall	F	8	Destructive Rain	Davison Middle School
Life	J		Y	5	$100			Lillian	Hathaway	F	8	How Is Cell Phone Bacteria Affected By Ultra-Sound?	Davison Middle School
Life	J		Y	5	$100			Ryley	Hazen	F	8	To Grow or Not To Grow: Effects of Aspartame and Sugar On Plants	Davison Middle School
Life	J		Y	5	$100		McLaren Health Care Corporation (Medicine & Health Service), Mid Michigan Ambulatory Physicians	Mysha	Iqbal	F	6	Blasting Away Bacteria	Saginaw Arts And Sciences Academy
Life	J		Y	5	$100			Taylor	Kalfayan	F	8	Saddle Pad Science	Davison Middle School
Life	J		Y	5	$100		St Marys of Saginaw Michigan	Umaiyal	Kogulan	F	7	Attacking e.coli; Natural vs. Pharmaceutical	Saginaw Arts And Sciences Academy
Phy/ Engr	J		Y	5	$100		U.S. Navy Office of Naval Research	Warren	Lehmkuhle	M	6	Buoyancy	St. John Vianney School
Life	J		Y	5	$100			Alyssa	Lince	F	6	How Different Types of Water Affect Plant Growth	St. John Vianney School
Life	J		Y	5	$100			Victoria	Pyrett	F	8	Does Fertilizer Really Make Grass Greener On The Other Side?	Davison Middle School

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Life	J		Y	5	$100		Explore Lab Science Program (Gold), Flint River Watershed Coalition	Chase	Reikowsky	M	7	Water, Water Everwhere....But Is It Safe For Me? A Comparison of Harmful Contaminants In Available and Alternate Water Sources	Lakeville Middle School
Eart h/Ch	J		Y	5	$100			Kyran	Robb	M	7	Mission To The Red Planet	Saginaw Arts And Sciences Academy
Eart h/Ch	J		Y	5	$100		American Meteorological Society, National Oceanographic Atmospheric Administration	Madison	Rose-Myers	F	8	Air Pollution Worse Indoors or Outdoors?	Davison Middle School
Life	J		Y	5	$100			Lucas	Schattenmann	M	7	You Are What You Drink: a Study On Our Drinking Water	Saginaw Arts And Sciences Academy
Life	J		Y	5	$100		Genesee County Medical Society	Annika	Tekumulla	F	8	Death Rays	Fort Gratiot Middle School
Life	J		Y	5	$100		Genesys Regional Health Center (Microbiology), McLaren Health Care Corporation (Microbiology)	Anusha	Tekumulla	F	8	What Is The Effectiveness of Antimicrobial Agents On Bacterial Culture Plates?	Fort Gratiot Middle School
Phy/ Engr	J		Y	5	$100			Maleia	Thompson	F	8	Insulation	Davison Middle School
Life	J		Y	5	$100			Jillian	Tracy	F	8	Aero vs. Hydro, Which Works Better	Davison Middle School
Life	J		Y	5	$100		U.S. Navy Office of Naval Research	Trinity	Waterson	F	8	Winner, Winner, Chicken Dinner	Davison Middle School
Life	J	RF	N				Flint River Watershed Coalition, MIAHMP Michigan Association of Hazardous Material Professionals	Areesha	Ahmed	F	6	Pollution Solution	Saginaw Arts And Sciences Academy
Life	J	RF	N				Genesys Regional Health Center (Behavioral & Social Science)	Jennah	Changezi	F	7	Pay Attention!	Genesee Academy
Life	J	RF	N				Genesys Regional Health Center (Behavioral & Social Science)	Andres (A	Flores	M	6	Memory Battle Pictures vs. Words * What Different Age Groups Would Remember Pictures More Than Words?	Saginaw Arts And Sciences Academy
Life	J	RF	N				Explore Lab Science Program (Silver)	Megan	Parsons	F	8	Is Your Counter Wiped Clean?	Davison Middle School
Life	J	RF	N				Explore Lab Science Program (Bronze)	Dominique	Reeves	M	6	How Stress Affects The Body	St. John Vianney School
Eart h/Ch	J	RF	N				Flint River Watershed Coalition	Gage	Tuttle	M	8	Empty The Algae	Davison Middle School
Life	J	RF	N				Association for Women Geoscientists	Hailey	Vansteenburg	F	8	Water Filtration Comparison	Davison Middle School

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Life	J	RF	N				McLaren Health Care Corporation (Behavioral & Social Science)	Skyler	Wait	F	6	People's Personality	Imlay City Middle School
Phy/ Engr	E		Y	1	$400		City of Flint/Office of the Mayor, Flint Children's Museum, Matthew Bauerle Mathematics Award	Nathan	Mobley	M	5	Hovercraft	Barhitte Elementary School
Phy/	E		Y	2	$350		Flint Children's Museum	Samuel	Gagnon	M	4	Go With The Flow	Homeschool
Eart h/Ch	E		Y	3	$200		McLaren Health Care Corporation (Biochemistry)	Abigail	Keyes	F	5	A Sticky Situation	Lillian G. Mason Elementary School
Life	E		Y	4	$100		Flint Children's Museum, Mehta Family Awards	Reese	Kulman	F	4	That Feels Weird	Gearing Elementary School
Eart h/Ch	E		Y	4	$100		Mehta Family Awards	Zena	Salman	F	5	Honey, How's Your Acne?	Genesee Academy
Life	E		Y	5	$50		Genesys Regional Health Center (Medicine & Health Services), Hurley Medical Center, St Marys of Saginaw Michigan	Samantha	Emerson	F	4	Horses, Worms?	Gearing Elementary School
Eart h/Ch	E		Y	5	$50			Cooper	Nelden	M	5	Fruit Power	Borland Elementary School
Phy/ Engr	E		Y	5	$50			Carter	Short	M	4	Electromagnetism and Its Application	Linden Charter School
Life	E		Y	5	$50		Flint Children's Museum, Explore Lab Science Program (Bronze), Genesys Regional Health Center (Cellular & Molecular), Mid Michigan Ambulatory Physicians	Abbigail	Sills	F	5	What's Really On Your Hands?	Borland Elementary School
Eart h/Ch	E		Y	6	$25			Kal	Lawrence	M	5	Is It Possible To Live On The Moon?	Lillian G. Mason Elementary School
Phy/ Engr	E		Y	6	$25			Sabastian	Maes	M	5	Muscle Magnets	Borland Elementary School
Life	E		Y	6	$25		Flint Children's Museum, Flint River Watershed Coalition	Jett	Miller	M	4	Herpetology: a Study of Water Conservation	Merrill Elementary School
Life	E		Y	6	$25			Gregory	Pawlaczyk	M	5	Battery Life	Borland Elementary School
Phy/ Engr	E		Y	6	$25			Brooklyn	Ross	F	5	Potato Power	Borland Elementary School
Life	E		Y	6	$25		McLaren Health Care Corporation (Medicine & Health Service), St Marys of Saginaw Michigan	Andrew	Shorkey	M	5	Age and The Affect of Hand-Eye Coordination	Central Elementary School
Phy/ Engr	E		Y	6	$25			Jackson	Smith	M	4	What Is The Fastest Way To Cool a Soda?	Central Elementary School

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Eart h/Ch	E		Y	6	$25		St Marys of Saginaw Michigan	Jacqueline	Towarnicky	F	5	What Cleans Your Teeth The Best?	Lillian G. Mason Elementary School
Eart h/Ch	E		Y	6	$25		Flint Children's Museum	Katrina	Wells	F	5	Dyed in the Wool	Homeschool
Eart h/Ch	E		Y	6	$25			Calvin	Yoas	M	5	Regular Glue vs. Pine Sap Glue	Borland Elementary School
Eart h/Ch	E	RF	N				MIAHMP Michigan Association of Hazardous Material Professionals	Kinana	Abdalla	F	5	Rust In Peace	Genesee Academy
Life	E	HM	N				Explore Lab Science Program (Silver)	Callie	Bock	F	4	Is The 5 Second Rule True?	Leota Fiedler Elementary School
Life	E	RF	N				Genesys Regional Health Center (Behavioral & Social Science)	Liliana	Czapiewski	F	5	Do Cats Favor a Paw?	Borland Elementary School
	E	RF	N				Explore Lab Science Program (Gold), Genesee County Medical Society, McLaren Health Care Corporation (Microbiology), McLaren Health Care Corporation (Cellular & Molecular Biology), Mid Michigan Ambulatory Physicians	Joshua	Downs	M	4	Got a Dirty Mouth	Barhitte Elementary School
Life	E	RF	N				Genesys Regional Health Center (Microbiology)	Spencer	Klanseck	M	4	How Does Color Affect Memory?	Central Elementary School