

**2017 Flint Regional Science Fair  
Finalist and Special Award Winners**

Div	Cat	Fin	Rank	NFAW d	Prize	ISEF	Special Awards	First Name	Last Name	Project Title	Grd	School
S	Phys/ Engr	F	1		\$500	ISEF	- City of Flint/Office of the Mayor - Matthew Bauerle Mathematics Award - McLaren Health Care Corporation (Medicine & Health Service) - MU Alpha Theta - U.S. Air Force - U.S. Navy Office of Naval Research	Clara	Wagner	Investigating Tuned Magneto-Rheological Reservoirs, Compression Systems, And Shear Thickening Fluids To Improve Mean Peak Acceleration As Measured By High-G Accelerometers In Hockey Headgear	12	Saginaw Arts and Sciences Acad
S	Life	F	2		\$500	ISEF	- Genesee County Medical Society	Neehal	Tumma	Elucidating The Mechanism Of Virulence In E.coli O104:H4: Identification Of The Role Of Biofilms In Stx-phage Induction	10	Port Huron Northern High
S	Phys/ Engr	F	3		\$500	ISEF	- Dr Michael Farney Award - FIRST Robotics Kettering University - Intel Computer Award - Kettering University (Computer Engineering) - NASA Earth Science Award - Stockholm Junior Water Prize - U.S. Air Force - Yale Science & Engineering Association	Samuel	Maher	Coding A 3D Printed Turbidity Meter Using C++	11	Arthur Hill High
S	Life	F	4		\$400		- Society for In Vitro Biology - McLaren Health Care Corporation (Cellular & Molecular Biology)	Zaid	Haque	Testing The Geometrical And Chemical Structure Of Methylbutenol Synthase: Finding A New Method For Rubber Production	11	Saginaw Arts and Sciences Acad
S	Earth/ Chem	F	4		\$400		- City of Flint Water Treatment Plant & Facilities - iSweep - McLaren Health Care Corporation (Biochemistry) - Ricoh Sustainable Award - Stockholm Junior Water Prize - U.S. Air Force	Grace	Macomber	Making Extrudable Plastic Out Of Chitin Extracted From The Shells Of Gulf Shrimp	12	Saginaw Arts and Sciences Acad
S	Phys/ Engr	F	5		\$250		- City of Flint Water Treatment Plant & Facilities - Flint River Watershed Coalition - MIDHHS Explore Lab Science Program-Gold - Stockholm Junior Water Prize - U.S. Air Force - U.S. Navy Office of Naval Research	Jarrold	Griffus	Water Purification System	11	Saginaw Arts and Sciences Acad

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S	Phys/ Engr	F	5		\$250		- ASM Materials Education Foundation	Alex	Kleinfeld	The Effect Of Cooling Rate On The Level And Depth Of Hardness Of Various Carbon And Alloy Composition Steels	11	Saginaw Arts and Sciences Acad
S	Earth/ Chem	F	5		\$250		- Association for Women Geoscientists - City of Flint Water Treatment Plant & Facilities - Flint River Watershed Coalition - MI-AHMP Michigan Association of Hazardous Material Professionals - Stockholm Junior Water Prize	Aarzo	Mahajan	The Effects Of Metal Pollution On Diverse Aquatic Organisms	12	Saginaw Arts and Sciences Acad
S	Life	F	5		\$250	Observer	- Genesys Regional Health Center (Medicine & Health Services)	Darla	Martinez	Biocompatibility Of 3-D Printed Plastics With Staphalycocys Epidermis In Hyaluronic Acid Solution	10	Saginaw Arts and Sciences Acad
S	Earth/ Chem	F	6		\$150			Mesk	Abdulhay	The Effect Of Radiation On Water	9	Grand Blanc Community High
S	Earth/ Chem	F	6		\$150	Observer	- Genesys Regional Health Center (Biochemistry, Earth and Environmental)	Brandon	Davis	Reducing Carbon Emission From A Coal Burning Plant	10	Saginaw Arts and Sciences Acad
S	Life	F	6		\$150		- Hurley Medical Center	Henna	Haque	Using Polymer Hydrogels For Drug Delivery	10	Saginaw Arts and Sciences Acad
S	Life	F	6		\$150			Mika	Hill	Bacterial Transformation Efficiency	11	Saginaw Arts and Sciences Acad
S	Earth/ Chem	F	6		\$150			Nikhil	Korrapati	Biodiesel: Which Vegetable Oil Has the Best Fuel Economy?	11	Saginaw Arts and Sciences Acad
S	Life	F	6		\$150		- Genesys Regional Health Center (Microbiology)	Mahah	Naveed	Comparing The Electricity Output In Microbial Fuel Cells By Different Bacteria	11	Saginaw Arts and Sciences Acad
S	Life	F	6		\$150			Celine	Rajoulh	The Effect Of Aerobic Exercise On Semantic Memory	11	Saginaw Arts and Sciences Acad
S	Earth/ Chem	F	6		\$150			Rachel	Stockman	A Woolly Situation	12	Saginaw Arts and Sciences Acad

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S	Life	F	6		\$150		- MIDHHS Explore Lab Science Program-Silver	Alex	Wang	The Effect Of Alcohol On The Survival And Behavior Of Fruit Flies	12	Saginaw Arts and Sciences Acad
S	Phys/ Engr			HM			- FIRST Robotics Kettering University	Philip Even	Bernardino	Intelligent Design	12	Saginaw Arts and Sciences Acad
S	Life			HM			- McLaren Health Care Corporation (Behavioral & Social Science)	Yuvraj	Gill	Secondary Education Recollection And Recognition	12	Saginaw Arts and Sciences Acad
S	Phys/ Engr			HM			- ASU Rob & Melani Walton Sustainability Solutions	Ajaybir	Gill	Do Different Wavelengths Of Light Heat Water At Different Rates	9	Saginaw Arts and Sciences Acad
S	Phys/ Engr			RF			- American Meteorological Society - National Oceanographic & Atmospheric Administration	Ricardo	Martin	Analyzing The Effects Of Climate Change In Saginaw	12	Saginaw Arts and Sciences Acad
S	Earth/ Chem			RF			- ASU Rob & Melani Walton Sustainability Solutions	Treasure	Page	Preserving Bread	9	Hamady Community High
S	Life			RF			- City of Flint Water Treatment Plant & Facilities	Ryan	Peplinski	Testing The Effects Of Grey Water On The Respiration Of Worms	11	Saginaw Arts and Sciences Acad
S	Life			RF			- MIDHHS Explore Lab Science Program-Bronze	Benjamin	Schall	Organic Antiseptics Vs. Gram Negative Bacteria	9	Saginaw Arts and Sciences Acad
S	Phys/ Engr			HM			- City of Flint Water Treatment Plant & Facilities	Mallory	Snyder	Designing A Microbead Filter	11	Saginaw Arts and Sciences Acad
S	Phys/ Engr			RF			- Kettering University (Computer Engineering)	Safi-ur-Rahman	Syed	Simulating The Trajectories Of Three Or More Particles When Influenced By Each Other's Gravitational And Electrical Forces	11	Saginaw Arts and Sciences Acad
S	Life			RF			- Genesys Regional Health Center (Behavioral & Social Science)	Kevin	Yin	Thinking With Portals	11	Saginaw Arts and Sciences Acad
J	Life	F	1		\$500		- Broadcom MASTERS - City of Flint/Office of the Mayor - Genesee County Medical Society - MIDHHS Explore Lab Science Program-Silver - Mid Michigan Ambulatory Physicians	Sinan	Lal	Zapping Zika: A Statistical Evaluation Of Factors Predicting Zika Incidence In The Americas	7	Fort Gratiot Middle

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J	Earth/ Chem	F	1		\$750 Grand		- Broadcom MASTERS - City of Flint/Office of the Mayor - City of Flint Water Treatment Plant & Facilities - Flint River Watershed Coalition	Ibraheem	Najjar	Color Your Water Clean: Does The Color Of The PET Bottle Affect The Efficacy Of The SODIS Method?	7	Genesee Acad
J	Phys/ Engr	F	1		\$500		- Broadcom MASTERS - City of Flint/Office of the Mayor - U.S. Navy Office of Naval Research	Nick	Shepich	What Degree Bevel And Grinds Makes The Sharpest Kinfe	7	Saginaw Arts and Sciences Acad
J	Life	F	2		\$400			Serena	Ahmad	The Effect Of Abiotic Factors On Daphnia Magna Heart Rates	8	Saginaw Arts and Sciences Acad
J	Life	F	2		\$400		- Broadcom MASTERS - Genesys Regional Health Center (Microbiology) - Hurley Medical Center	Affan	Ahmed	Port Problems	7	Saginaw Arts and Sciences Acad
J	Phys/ Engr	F	2		\$400		- Broadcom MASTERS - McLaren Health Care Corporation (Medicine & Health Service)	Hamza	Alam	Amalgam Vs Composite	7	Saginaw Arts and Sciences Acad
J	Earth/ Chem	F	2		\$400		- Broadcom MASTERS	Matt	Davidson	These Oils Are Smokin'	8	Davison Middle
J	Earth/ Chem	F	3		\$300		- Broadcom MASTERS	Akshanth	Bandla	Phosphorescence	8	Saginaw Arts and Sciences Acad
J	Phys/ Engr	F	3		\$300		- Broadcom MASTERS	Jack	Banes	Does The Year Really Matter?	8	Davison Middle
J	Life	F	3		\$300		- Broadcom MASTERS - Flint River Watershed Coalition - Genesys Regional Health Center (Biochemistry, Earth and Environmental)	Natalie	Benjamin	Bioremediation: A Slick Solution For A Crude Problem	8	Davison Middle
J	Phys/ Engr	F	3		300		- Matthew Bauerle Mathematics Award Broadcom MASTERS	Steven	Maurer	Skiing And Friction	7	Saginaw Arts and Sciences Acad
J	Life	F	4		\$200		- Broadcom MASTERS - Genesys Regional Health Center (Medicine & Health Services)	Zara	Ahmed	A Day At The Beach	7	Saginaw Arts and Sciences Acad
J	Earth/ Chem	F	4		\$200		- Broadcom MASTERS	Anna	Ehline	Emulsifying Magic	6	Saginaw Arts and Sciences Acad
J	Phys/ Engr	F	4		\$300		- Broadcom MASTERS	Emily	Kinnicutt	Exposing Photographic Film	7	Saginaw Arts and Sciences Acad

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J	Earth/ Chem	F	4		\$200		- Broadcom MASTERS - City of Flint Water Treatment Plant & Facilities - McLaren Health Care Corporation (Biochemistry)	Grayson	Lumsden	Pesticides In Water	8	Davison Middle
J	Life	F	4		\$200		- Broadcom MASTERS	Katie	McCarthy	Acne Medication Vs. The Skin Bacteria, Staphylococcus Epidermidis	8	Saginaw Arts and Sciences Acad
J	Phys/ Engr	F	4		\$200		- Broadcom MASTERS - City of Flint Water Treatment Plant & Facilities - MI-AHMP Michigan Association of Hazardous Material Professionals - MIDHHS Explore Lab Science Program-Gold	Andrew	Meikle	A Comparison Of Water Treatment Methods	8	Davison Middle
J	Phys/ Engr	F	4		\$200		- Broadcom MASTERS	Xavier	Murphy	Hotter Than You Think	8	Davison Middle
J	Life	F	4		\$200		- Broadcom MASTERS - McLaren Health Care Corporation (Microbiology) - McLaren Health Care Corporation (Cellular & Molecular Biology)	Shriya	Reddy	DNA Quantification: The Effect Of Natural Supplements On Gut Bacteria	8	Saginaw Arts and Sciences Acad
J	Phys/ Engr	F	4		\$200		- Broadcom MASTERS	Hayden	Sitko	Physics	8	Davison Middle
J	Earth/ Chem	F	4		\$200		- Broadcom MASTERS	Devlin	Wieszczecin ski	Wood And Wood Products: How Do They Burn	7	Saginaw Arts and Sciences Acad
J	Life	F	5		\$100			Areesha	Ahmed	Wacky Acne	7	Saginaw Arts and Sciences Acad
J	Earth/ Chem	F	5		\$100			Hailey	Croff	Chemical And Natural Cleaners	8	Davison Middle
J	Phys/ Engr	F	5		\$100			Terry	Dean	Hot And Your Cold	8	Davison Middle
J	Earth/ Chem	F	5		\$100			Julianna	Deming	Drink Distilled	8	Davison Middle
J	Life	F	5		\$100			Hannah	Eller	Canine Catastrophe	8	Davison Middle
J	Phys/ Engr	F	5		\$100			Eric	Hunsinger	Heat Retention	8	Davison Middle
J	Phys/ Engr	F	5		\$100			Areeb	Islam	Keepin' It Cool	8	Saginaw Arts and Sciences Acad

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J	Phys/ Engr	F	5		\$100		- City of Flint Water Treatment Plant & Facilities	Ember	Martin	Water Wheel Paddles	8	Davison Middle
J	Life	F	5		\$100		- City of Flint Water Treatment Plant & Facilities - U.S. Navy Office of Naval Research - Mid Michigan Ambulatory Physicians	Crystal	Pace	Greywater Could Save The World	8	Davison Middle
J	Phys/ Engr	F	5		\$100			Toby	Powers	Solar Backpack Charger	8	Home
J	Life	F	5		\$100			Safa	Sajid	Affect Of Salt On Blood Sugar	7	Genesee Acad
J	Life	F	5		\$100			Harry	Unger	The Coolest Process	8	Davison Middle
J	Life			HM			- City of Flint Water Treatment Plant & Facilities	Safiya	Alkotob	Does Grey Water Affect Plant Growth?	7	Genesee Acad
J	Life			HM			- Genesys Regional Health Center (Behavioral & Social Science)	Josie	Chandler	Are Eye Witnesses Testimonies Reliable	8	Davison Middle
J	Earth/ Chem			HM			- City of Flint Water Treatment Plant & Facilities	Tyler	Chorley	The Summarization Of The Flint Water	8	Davison Middle
J	Life			RF			- American Psychological Association	Nolan	Close	Focus: Genres & Generations	8	Davison Middle
J	Phys/ Engr			RF			- City of Flint Water Treatment Plant & Facilities	Jordanne	Dankert	Brita vs. Natural Filters: Which is Cleaner?	8	Davison Middle
J	Life			HM			- U.S. Navy Office of Naval Research	Kaden	Duckworth	How Does Music Affect A Persons Concintration	8	Davison Middle
J	Phys/ Engr			HM			- U.S. Navy Office of Naval Research	Tyler	Gibbard	How Easily Can Your Password Be Hacked?	8	Davison Middle
J	Life			RF			- City of Flint Water Treatment Plant & Facilities	Sydney	Jones	Is Gray Water Good Growing Water?	8	Davison Middle
J	Earth/ Chem			RF			- City of Flint Water Treatment Plant & Facilities	Alivia	Katrinic	Hair Strength	8	Davison Middle
J	Life			RF			- MIDHHS Explore Lab Science Program-Bronze	Pahulpreet	Kaur	Which Natural Pesticide Kills The Most Mosquito Larvae?	7	Saginaw Arts and Sciences Acad
J	Earth/ Chem			HM			- City of Flint Water Treatment Plant & Facilities	Molly	Killian	Lead vs. Filters: Which Filters can get Lead Water Down to EPA Acceptable Level?	7	St. John the Evangelist
J	Phys/ Engr			RF			- City of Flint Water Treatment Plant & Facilities	Michael	LaBean	Can I Make Clean H2O Flow?	8	Davison Middle

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J	Phys/ Engr			HM			- City of Flint Water Treatment Plant & Facilities	Andres	Lambaria	Shower Head	8	Davison Middle
J	Earth/ Chem			RF			- U.S. Navy Office of Naval Research	Mara	Lieske	Safely Sleeping	8	Davison Middle
J	Life			HM			- City of Flint Water Treatment Plant & Facilities	Kaitlyn	McMartin	Can We Use Grey Water To Grow Plants.	8	Davison Middle
J	Earth/ Chem			RF			- City of Flint Water Treatment Plant & Facilities	Mallory	Morton	Helping With The Flint Water Crisis	8	Davison Middle
J	Earth/ Chem			HM			- American Meteorological Society	Jessalyn	Peavyhouse	Pollution In Snow	8	Davison Middle
J	Life			RF			- McLaren Health Care Corporation (Behavioral & Social Science)	Tejal	Richardson	Book Smart	7	Saginaw Arts and Sciences Acad
J	Life			RF			- Mid Michigan Ambulatory Physicians	Bailey	Saffron	More Bacteria In Roller Blades Or Ice Skates	8	Davison Middle
J	Phys/ Engr			HM			- City of Flint Water Treatment Plant & Facilities	Lauren	Sayles	Clean Water	8	Davison Middle
J	Phys/ Engr			HM			- City of Flint Water Treatment Plant & Facilities	Makela	Stone	Water Filtration	8	Davison Middle
J	Earth/ Chem			RF			- City of Flint Water Treatment Plant & Facilities	Mia	Telke	Which Metal Corrodes The Least?	8	Davison Middle
J	Phys/ Engr			RF			- FIRST Robotics Kettering University - U.S. Metric Association	Katrina	Wells	The Science Of Super Powers	6	Marshall Greene Middle
J	Phys/ Engr			HM			- FIRST Robotics Kettering University	Elise	Willingham	Pedal Power	8	Davison Middle
E	Life	F	1		\$400		- City of Flint/Office of the Mayor	Saria	Saeed	Antioxidants And Apples	5	Genesee Acad
E	Life	F	2		\$300		- Genesys Regional Health Center (Biochemistry, Earth and Environmental)	Nour	Almounajed	Don't Leaf Me Drowning	5	Genesee Acad
E	Phys/ Engr	F	3		\$200		- Flint Children's Museum	Samuel	Gagnon	Comparing The Effect Of A Change In Current Versus A Change In Coil Number On The Speed Of A Reed Motor	5	Home
E	Life	F	4		\$100		- Flint Children's Museum - Genesys Regional Health Center (Medicine & Health Services) - Mid Michigan Ambulatory Physicians	Yaman	Abdulrazzak	Germes Are Every Where	5	Genesee Acad

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E	Life	F	4		\$100		- Genesee County Medical Society - Genesys Regional Health Center (Microbiology) - McLaren Health Care Corporation (Cellular & Molecular Biology) - MIDHHS Explore Lab Science Program-Gold	Alyssa	Armata	The Five Second Rule: Is It A Good Rule To Live By	5	Lillian G. Mason Elem
E	Life	F	4		\$100		- Genesys Regional Health Center (Behavioral & Social Science) - McLaren Health Care Corporation (Medicine & Health Service)	Shayan	Lal	Starbucks Timing Rules Over Our Performance	5	Keewahdin Elem
E	Phys/ Engr	F	4		\$100			Morgan	Vermeesch	Fletching Styles	5	Borland Elem
E	Life	F	4		\$100		- Flint Children's Museum - Matthew Bauerle Mathematics Award - McLaren Health Care Corporation (Behavioral & Social Science)	Elena	Wells	Do You Taste What I Taste?	5	Home
E	Phys/ Engr	F	5		\$50			Sarah	Abdelhay	Light Absorption	5	Genesee Acad
E	Earth/ Chem	F	5		\$50		- Flint Children's Museum - McLaren Health Care Corporation (Biochemistry) - MI-AHMP Michigan Association of Hazardous Material Professionals	Obai	Abdulhay	Waste To Energy Tomorrow Solution	4	City School
E	Earth/ Chem	F	5		\$50		- Delta College Summer Camps	Siena	Asiala	Super Solar Power	5	Handley
E	Earth/ Chem	F	5		\$50		- MIDHHS Explore Lab Science Program-Bronze	Taylor	Fields	Rooftop Gardens, Are They A Good Idea	5	Dye Elem
E	Life	F	5		\$50		- McLaren Health Care Corporation (Microbiology)	Haydn	Kotowski	Effect Of Light On Amoeba	4	Central Elem
E	Life	F	5		\$50			Lily	Makedonsky	Crystallization Of Honey	5	Borland Elem
E	Phys/ Engr	F	6		\$25		- Flint Children's Museum - Hurley Medical Center - MIDHHS Explore Lab Science Program-Silver - Mid Michigan Ambulatory Physicians	Aya	Elbakheet	Does Caffeine Effect Blood Pressure	5	Genesee Acad
E	Phys/ Engr	F	6		\$25			Lexa	Forti	What Keeps Food The Freshest?	5	Borland Elem



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E	Life	F	6		\$25			Mariah	Melton	Can You Grow Plants Without Using Seeds?	4	Colonel Donald McMonagle Elem
E	Earth/ Chem	F	6		\$25		- City of Flint Water Treatment Plant & Facilities - Flint River Watershed Coalition	Ibraheem	Sajid	Stop The Erosions!	5	Genesee Acad
E	Group PE			HM			- FIRST Robotics Kettering University	Ari	Cochran	How Will The EV# React To Different Land	4	Rankin Elem
E	Group PE			RF			- FIRST Robotics Kettering University	Allan	Cummins	How Will The EV3 React To Different Land	4	Rankin Elem
E	Phys/ Engr			RF			- City of Flint Water Treatment Plant & Facilities	Vivian	Graver	Drag Race	5	Borland Elem
E	Earth/ Chem			HM			- City of Flint Water Treatment Plant & Facilities	Taylor	Hill	How Salty Does The Sea Have To Be For An Egg To Float	5	Dye Elem
E	Phys/ Engr			RF			- Flint Children's Museum	Ethan	Hughes	Weight vs. Distance	5	Borland Elem
E	Group EC			HM			- City of Flint Water Treatment Plant & Facilities	Sean	Nickerson	How Much Water Makes A Cactus Thrive	4	Rankin Elem
E	Earth/ Chem			RF			- City of Flint Water Treatment Plant & Facilities - Flint River Watershed Coalition	Andrew	Shorkey	Tick Tock, Drip Drop - Discovering A Method For Daily Water Conservation.	5	Hahn Intermediate
E	Group EC			HM			- City of Flint Water Treatment Plant & Facilities	Sebastian	Wells	How Much Water Makes A Cactus Thrive	4	Rankin Elem