

2023-Professional Awards by Student

CertificateName	Title	Teacher	School
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Aaqib Farhad with Gebriel Alexander	Cilantro: Cheaper ways to Filter Water		
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David Egan	Larson Middle School
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Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement

1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
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Aarush Lingala	Catabolism of Color		
	David Lurie	Plymouth Scholars Middle School	

Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Aasiya Haque	Electromagnetic Train		
	Wajida Taj	Tawheed Center School	

Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

CertificateName	Title	Teacher	School
Abdullah Algazzaly with Abdulah Aljohaim and Ali Alnhari	Fuel Cell	Jason Bodson	Oakland International Academy HS
Place Code	Organization Name	Organization Description	
1 LTU-WS	LTU Summer Workshop	Participation in the LTU Summer Workshop program	
Abigail Eilertson	Creation of a Smart-Sock to Reduce the Risk of Amputation in Diabetic Patients	Rebecca Joyce	Kalamazoo Area Math and Science Center
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
HM SWE	Society of Women Engineers - Detroit	Honorable Mentions	
Abigail Jones	Organic Polymers	Maureen Wickenheiser	St. Patrick Elementary-Carleton, MI - 6-8
Place Code	Organization Name	Organization Description	
2JR ASMDET	ASM - Detroit Chapter	Certificate of accomplishment and complementary admission to/recognition at chapter dinner meeting.	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
1J SIGXI	Sigma Xi-Univ of Mich Chapter	Certificate of award and cash award in the Junior Division	
Abigail Rohde	Snailtrap: Investigating Eco-friendly Methods for Freshwater Snail Capture	Theresa Stager	Saline High School
Place Code	Organization Name	Organization Description	
1 AWG	Association of Women GeoScientists	Awards Certificate	
1ST NGS	National Geographic Society	\$100 award and a certificate	

CertificateName	Title	Teacher	School	
1S SIGXI	Sigma Xi-Univ of Mich Chapter			Certificate of award and cash award in the Senior Division
1 SIWI	Stockholm Junior Water Prize (Stockholm)			Regional Award and recommendation to compete nationally
5 STATE	MSEF			Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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Adam Elkosh	Kernel me Crazy	Zehra Beg	Huda Upper School	
Place	Code	Organization Name		Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge		Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
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Adam Fodil	Chirality debunked	Wajida Taj	Tawheed Center School	
Place	Code	Organization Name		Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge		Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
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Adam Zaki	How Microbes eat our trash	Talath Ansari	Crescent Academy International	
Place	Code	Organization Name		Organization Description
1	EPA	Environmental Protection Agency		Congratulatory Letter of encouragement
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Adan Gandarilla	Oxidation of Apples	Carol Smuk	Academy of the Americas-Middle School	
Place	Code	Organization Name		Organization Description
1	EPA	Environmental Protection Agency		Congratulatory Letter of encouragement

CertificateName	Title	Teacher	School
Aditya Gopu	An Investigation Into Removing Micro-Plastics From Water a Through Ferrofluids	David Egan	Larson Middle School
Place	Code	Organization Name	Organization Description
1-JR	AIRWAS	Air Waste Management Association	Certificate and \$200 first place award
1JR	ASMDET	ASM - Detroit Chapter	Certificate of accomplishment and complementary admission to/recognition at chapter dinner meeting.
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
1JR	USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate
Akshaj Sharma	Turbulent Jet Flow to Induce Entrainment for Atmospheric Rocket Flight	Jackie Toepel	International Academy-East Campus
Place	Code	Organization Name	Organization Description
2	ASA	American Statistical Association (ASA), Michigan Chapters	\$50 Award of Merit
6	ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE
1	FPC	Fino Plane Co	Orientation/instructional flight down the Detroit River, over the Ambassador Bridge, and back to Pontiac
1	ISEF	ISEF	SEFMD ISEF Finalist for 2022, May 8-13, 2022
1SR	SPACEX	SpaceX	Awarded to a high quality project with application to SpaceX or aerospace more generally. Student demonstrates enthusiasm for the subject.
2	STATE	MSEF	Second Place Award of \$100 Cash Award
1-ST	USMA	US Metric Association Award	Certificate
1SR	USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate, and \$50 gift card

CertificateName	Title	Teacher	School	
Akshar Cowlagi	Refining Radiative Transfer Models of Clouds via Analyses of Deep Networks	Andrew Collins	Huron HS	
Place	Code	Organization Name	Organization Description	
1-ST	AMS	American Meteorological Society	Certificate of outstanding achievement	
HM	ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition	
1-ST	NASA	NASA Earth System Science	Certificate of Recognition-MSEF	
1	NOAA	United States Department of Commerce Oceans and Atmosphere	Certificate of Recognition	
4	STATE	MSEF	Fourth Place Award of \$50 Cash Award	
Alayna Scanlon	Effect of Fertilizer on Plant Growth	Pamela Clark	Oakland Christian School-MS	
Place	Code	Organization Name	Organization Description	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
Alexa Sanchez	Can Copper Foil Snails?	Pamela Clark	Oakland Christian School-MS	
Place	Code	Organization Name	Organization Description	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
1JR	USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate	
Alexander Pugh	Sound Waves Protecting the Great Lakes from Asian Carp	David Egan	Larson Middle School	
Place	Code	Organization Name	Organization Description	

CertificateName	Title	Teacher	School	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Alexia Phillips	Music Memory	Pamela Clark	Oakland Christian School-MS	
Place	Code	Organization Name	Organization Description	
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Allen Beachem	Sporty Drink Sensation	Yolonda Massey	Pasteur Middle School	
Place	Code	Organization Name	Organization Description	
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

Alyson Dai	How Can We Make PLA Home Compostable?	Patricia Hanlan	Detroit Country Day Upper	
Place	Code	Organization Name	Organization Description	
1SR	ASMDET	ASM - Detroit Chapter	Certificate of accomplishment and complementary admission to/recognition at chapter dinner meeting.	
1-ST	AWG	Association of Women GeoScientists	Awards Certificate for MSEF	
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
3	SWE	Society of Women Engineers - Detroit	Certificate of recognition, gift basket, invitation to SWE Detroit banquet	
1SR	USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate, and \$50 gift card	

CertificateName	Title	Teacher	School
Amaya Ruiz	What candles burn quicker, colored or white?	Carol Smuk	Academy of the Americas-Middle School

Place	Code	Organization Name	Organization Description
3JR	SHPE	Society of Hispanic Professional Engineers	Certificate of Recognition & Small Gift

Ameer Soofi The weight of a bowling balls effect on performance

Talath Ansari Crescent Academy International

Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Ammarah Khan Problematic Pactolian Pendulums

Talath Ansari Crescent Academy International

Place	Code	Organization Name	Organization Description
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1JR	SHPE	Society of Hispanic Professional Engineers	Certificate of Recognition & Small Gift

Andrew Wagner with Olivia Wagner Hydrogen and Oxygen Production from a Dry Cell to Start a Sustainable Engine

Clare Wagner MSEF-Nouvel Catholic Central

Place	Code	Organization Name	Organization Description
1	ASA	American Statistical Association (ASA), Michigan Chapters	\$200 Award of Excellence
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement
3	STATE	MSEF	Third Place Award of \$75 Cash Award

CertificateName	Title	Teacher	School
Andrew Xi with Edward Sun and Meichun Zhang	Manipulating Mosquito Sex-Specific Development to Produce Incompatible Males	David Chapman	MSEF-Okemos High School
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	

Angel Testa	The Pothole Problem!	Dr. George Goff	Harms Elementary School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	

Anirudh Venkat	Applications of Quantum Randomness in Healthcare Informatics	Andrew Collins	Huron HS
Place Code	Organization Name	Organization Description	
4 ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE	
1 ISEF	ISEF	SEFMD ISEF Finalist for 2022, May 8-13, 2022	
1S SIGXI	Sigma Xi-Univ of Mich Chapter	Certificate of award and cash award in the Senior Division	
4 STATE	MSEF	Fourth Place Award of \$50 Cash Award	

Anita Gaenko	Gold 'hedgehog' nanoparticles: synthesis and graph theoretical analysis	Andrew Collins	Huron HS
Place Code	Organization Name	Organization Description	
3 ASEIO	American Society of Engineers of Indian Origin	Certificate, \$20 Gift card, Invitation to enter ASEI National YTE	
1S SIGXI	Sigma Xi-Univ of Mich Chapter	Certificate of award and cash award in the Senior Division	

Anjika Dutta-choudhary	Does the color of the clothing affect how much heat it absorbs?	Song Song	Boulan Park Middle School
Place Code	Organization Name	Organization Description	
3JR ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers	Book and Certificate	

CertificateName	Title	Teacher	School	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
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Anna Stuntz	Do Common Household Electronics Work After Exposure to the Moon Environment?	Wendy Mayer	Roeper Middle School	
Place Code	Organization Name	Organization Description		
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02		
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Anna Wang	Rapid SARS-CoV-2 Detection with "FALCON" based on type I CRISPR-Cas system	Stephanie Kokoszka	Cranbrook Kingswood Upper School	
Place Code	Organization Name	Organization Description		
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.		
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Anthony Daoud	Assessing Microplastics and Genotoxicity of Rivers in the Great Lakes Bay Area	Matthew Miller	MSEF-Saginaw Arts and Sciences	
Place Code	Organization Name	Organization Description		
1-ST AMS	American Meteorological Society	Certificate of outstanding achievement		
1 LTU-S	LTU STEM Scholarship	Scholarship to LTU in the annual amount of \$19,650, renewable up to \$78,600 over 8 semesters, good for any undergrad major		
2 STATE	MSEF	Second Place Award of \$100 Cash Award		
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Anthony Yang	Mathematical Formula to Predict The COVID Infection Probability	Steve Armstrong	Pioneer HS	
Place Code	Organization Name	Organization Description		
1SR ASHRAE	Americian Society of Heating, Refrigerating and Air Conditioning Engineers	Book and Certificate		

CertificateName	Title	Teacher	School	
5 STATE	MSEF			Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
1-ST USNAVY	United States Navy			Letter of Congratulations, ONR Medallion, Naval Science Award Certificate, and \$75 gift card
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Armaan Dev	Restraint Optimization for Frontal Impact Occupant Crash Protection	Patricia Hanlan	Detroit Country Day Upper	
Place	Code	Organization Name		Organization Description
5	STATE	MSEF		Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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Armaan Mahajan	Assessing the Assimilation of Heavy Metals in Margaritifera margaritifera as a	Matthew Miller	MSEF-Saginaw Arts and Sciences	
Place	Code	Organization Name		Organization Description
5	STATE	MSEF		Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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Armita Marpu with Sathwika Uttaradi	Reduction of Co2 Levels by Olivine Paint	Jackie Toepel	International Academy-East Campus	
Place	Code	Organization Name		Organization Description
3SR	ASHRAE	Amercian Society of Heating, Refrigerating and Air Conditioning Engineers		Book and Certificate
2SR	ASMDET	ASM - Detroit Chapter		Certificate of accomplishment and complementary admission to/recognition at chapter dinner meeting.
1	NASA	NASA Earth System Science		Certificate of Recognition
5	STATE	MSEF		Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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Arnav Nikam	Is It Red? AI Powered Traffic Control Sensor	David Egan	Larson Middle School	
Place	Code	Organization Name		Organization Description

CertificateName	Title	Teacher	School	
1ST DOD	DOD-STEM award from Society for Science			DOD STEM Leadership Prize certificate, voucher for \$100
2	IEEE Southeastern Michigan Section			Frameable Certificate
1	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
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Aryasai Radhakrishnan	What am I crying	Laura Luckins	Detroit Country Day Upper	
Place Code	Organization Name			Organization Description
1SR USNAVY	United States Navy			Letter of Congratulations, ONR Medallion, Naval Science Award Certificate, and \$50 gift card
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Ashika Gullapalli with Fayyaz Razi	Survey and DNA Barcoding of Invasive Plant Species in Southwest Michigan	Rebecca Joyce	Kalamazoo Area Math and Science Center	
Place Code	Organization Name			Organization Description
HM ASA	American Statistical Association (ASA), Michigan Chapters			Certificate of Recognition
1	EPA Environmental Protection Agency			Congratulatory Letter of encouragement
4	STATE MSEF			Fourth Place Award of \$50 Cash Award
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Ashritha Reddy	Differential Gene Expression Analysis of Autism Spectrum Disorder	Karen Lamb	Detroit Country Day Upper	
Place Code	Organization Name			Organization Description
6 ASEIO	American Society of Engineers of Indian Origin			Certificate, \$15 Gift card, Invitation to enter ASEI National YTE
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Ashwin Mahendran	Novel Machine Learning Solution for EEG Research	Jonathan Jones	Dakota High School	
Place Code	Organization Name			Organization Description
1 ISEF	ISEF			SEFMD ISEF Finalist for 2022, May 8-13, 2022

CertificateName	Title	Teacher	School	
1	LTU-S	LTU STEM Scholarship		Scholarship to LTU in the annual amount of \$19,650, renewable up to \$78,600 over 8 semesters, good for any undergrad major
3	STATE	MSEF		Third Place Award of \$75 Cash Award
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Austin Feng		Pattern of IRG1/Acod1 expression in the tumor microenvironment		
		Stephanie Kokoszka	Cranbrook Kingswood Upper School	
Place	Code	Organization Name	Organization Description	
HM	ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition	
1	ISEF	ISEF	SEFMD ISEF Finalist for 2022, May 8-13, 2022	
4	STATE	MSEF	Fourth Place Award of \$50 Cash Award	
2	WEIZ	American Committee for the Weizmann Institute of Science	Alternate for all expense paid trip to the Weizmann Institute of Science in Rehovot, Israel from July 4-27, 2023	
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Ava White		Oxidation: A Study of Rusting Nails		
		Audrey Richardson	Renaissance High School	
Place	Code	Organization Name	Organization Description	
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
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Aya Alomari with Sabrina Shehadi		Optimizing Sustainability Plans for US States		
		Renee Zacks	Detroit Country Day Upper	
Place	Code	Organization Name	Organization Description	
2-SR	AIRWAS	Air Waste Management Association	Certificate and \$200 second place award	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
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Aydin Khan		Caffeine Hurts		
		Zehra Beg	Huda Upper School	
Place	Code	Organization Name	Organization Description	

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1JR USNAVY	United States Navy			Letter of Congratulations, ONR Medallion, Naval Science Award Certificate
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Ayesha Bhutta	The C in Vitamins	Wajida Taj	Tawheed Center School	
Place	Code	Organization Name		Organization Description
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Ayesha Rahman	Lets get loud with speakers	Talath Ansari	Crescent Academy International	
Place	Code	Organization Name		Organization Description
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Ayesha Syeda	Water Filters	Suzanne Thebert	Michigan Math and Science Academy-MS	
Place	Code	Organization Name		Organization Description
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1JR	USNAVY	United States Navy		Letter of Congratulations, ONR Medallion, Naval Science Award Certificate

CertificateName	Title	Teacher	School	
Ayleen Zarate- Huichan	Candle carousel	William Tucker	Holy Redeemer Catholic Grade School	
Place	Code	Organization Name	Organization Description	
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Brandon Holmon	The effects of water quality on the color of aquatic plants	Leanne Peebles	Foreign Language Immersion and Cultural Studies	
Place	Code	Organization Name	Organization Description	
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Brian Zhang	Towards Early Detection of Autism Spectrum Disorder	Gabriel Pak	Northville High School	
Place	Code	Organization Name	Organization Description	
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
1SR	USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate, and \$50 gift card	

Brooklyn Martin	Having Fun with Mathematics!	Dr. George Goff	Harms Elementary School	
Place	Code	Organization Name	Organization Description	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	

CertificateName	Title	Teacher	School
Brooks Donaldson with Nathan Le	Keep it in the Foam-ly	Jamie Hilliard	Macomb Mathematics Science Technology Center
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
1 USMA	US Metric Association Award	Certificate	
Cale Jones	In Quarry	Maureen Wickenheiser	St. Patrick Elementary-Carleton, MI - 6-8
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1J SIGXI	Sigma Xi-Univ of Mich Chapter	Certificate of award and cash award in the Junior Division	
Caleb Lalik	Maximizing the Efficiency of Wind Turbines	David Egan	Larson Middle School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
Carlos Barragan	Magnetic Levitation and How It Works	William Tucker	Holy Redeemer Catholic Grade School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Cash Papuga	To beet or not to beet?	Gail Golem	St Joan of Arc Catholic School-Elementary
Place Code	Organization Name	Organization Description	

CertificateName	Title	Teacher	School
1 EPA	Environmental Protection Agency		Congratulatory Letter of encouragement

Charlie Chen	Exoplanet Discovery	Patricia Hanlan	Detroit Country Day Upper
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Place	Code	Organization Name	Organization Description
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1	AMS	American Meteorological Society	Certificate of outstanding achievement
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HM	ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition
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5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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Charlie Tarasiewicz	Sanitizer or Soap?	Cynthia Schmitz	St. Patrick Elementary-Whitelake
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Charlotte Behr	Scent-sory Testing	Cynthia Schmitz	St. Patrick Elementary-Whitelake
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Chelsea Snyder	Plants In Different Growth Mediums	Sharon Holloway	Davis Aerospace Technical High School
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Place	Code	Organization Name	Organization Description
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5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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CertificateName	Title	Teacher	School
Chloe Shunia	How effective are various disinfectants on eliminating bacteria?	Cynthia Schmitz	St. Patrick Elementary-Whitelake
Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
Chris Androff	Does the type of liquid affect the strength of paper towel?	Cynthia Schmitz	St. Patrick Elementary-Whitelake
Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
Christopher Bragg	How Long Will it Burn	Jenna Livingston	Michigan Math and Science Academy-HS
Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement
Christopher Vargas	Basketball Bouncing Physics	William Tucker	Holy Redeemer Catholic Grade School
Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

CertificateName	Title	Teacher	School
Clifford Washington	How Different Coffee Brands Effect Daphnia Heart Rate	Sharon Holloway	Davis Aerospace Technical High School
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
Connor Kalkanis	Innovative Combination Therapy for Treating Brain Tumors	Lara Mcmillan	Detroit Country Day Upper
Place Code	Organization Name	Organization Description	
HM ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition	
1-ST BIOMED	Regeneron BioMedical Award	Award Certificate, special recognition, and \$500 award	
1-ST INVITR	Society for In Vitro Biology	Certificate of Achievement	
1-ST ISEF	ISEF	MSEF ISEF Finalist for 2022, May 8-13, 2022	
3SR SHPE	Society of Hispanic Professional Engineers	Certificate of Recognition & Small Gift	
0 STATE	MSEF	Grand Award - MSEF Student is invited to participate in the International Science & Engineering Fair, plus \$250 Cash Award	
Daisy Jurado	Which moisturizer moisturizes the best?	Carol Smuk	Academy of the Americas-Middle School
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Daniel Burke	Effect of Lead Uptake on Growth and Tissue Composition of Plants	Claudia Foerg	University of Detroit Jesuit High School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	

CertificateName	Title	Teacher	School	
5	STATE	MSEF		Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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Daniela Zavala- Jungo		How many hours of sun does a plant need?		
		Carol Smuk	Academy of the Americas-Middle School	
Place	Code	Organization Name	Organization Description	
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
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Darsh Mahendrakar		Go Go ... Trash Me Bot		
		Heather Lechner	Plymouth Scholars Middle School	
Place	Code	Organization Name	Organization Description	
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
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David Prakah-asante		Intracranial Hemorrhage Location System with Deep Learning Networks		
		Stephanie Kokoszka	Cranbrook Kingswood Upper School	
Place	Code	Organization Name	Organization Description	
1SR	GLCHPS	Great Lakes Chapter Health Physics Society	SR 1st Place Award recognizing outstanding contributions by students in grades 9–12 to the understanding of the applications of radiation and its impact on the environment and health.	
1-SR	NSBE	National Society of Black Engineers: Detroit Professionals	Senior Division: Certificate of recognition, \$100 stipend and NSBE Jr. Membership	
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David Roush with Alisha Gentz		Optimizing the Efficiency of Turbines in Micro Hydropower Systems		
		Jamie Hilliard	Macomb Mathematics Science Technology Center	
Place	Code	Organization Name	Organization Description	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	

CertificateName	Title	Teacher	School	
1	SIWI	Stockholm Junior Water Prize (Stockholm)		Regional Award and recommendation to compete nationally
5	STATE	MSEF		Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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Delaila Solis-anaya		Which liquid makes a plant grow best?		
		Carol Smuk	Academy of the Americas-Middle School	
Place	Code	Organization Name	Organization Description	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
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Delilah Testa		The Big Three!		
		Dr. George Goff	Harms Elementary School	
Place	Code	Organization Name	Organization Description	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
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Deshana Betala with Maia Lintner and Kennedy Smucker		Effects of Various Plant Extracts on the Viability of Prostate Cancer Cells		
		Rebecca Joyce	Kalamazoo Area Math and Science Center	
Place	Code	Organization Name	Organization Description	
HM	ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition	
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Devarshi Dalal		Use of Artificial Intelligence for Obtaining Optimal Wrist X-Rays		
		Rebecca Brewer	Troy High School	
Place	Code	Organization Name	Organization Description	
2	ASA	American Statistical Association (ASA), Michigan Chapters	\$50 Award of Merit	
6	ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE	
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	

CertificateName	Title	Teacher	School
Devin Forney with Tylar Taylor	The Liver Challenge	Sonya Mckenney	Gompers Elementary-Middle School
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Diego Vargas	Bigger and Smaller pieces, Which react faster?	William Tucker	Holy Redeemer Catholic Grade School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
Diya Gehlaut	Effect of Alcohol on Fetal Brain mTOR System	Jackie Toepel	International Academy-East Campus
Place Code	Organization Name	Organization Description	
HM ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition	
6 ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE	
1 INVITR	Society for In Vitro Biology	Certificate of Achievement	
1SR SHPE	Society of Hispanic Professional Engineers	Certificate of Recognition & Small Gift	
3 STATE	MSEF	Third Place Award of \$75 Cash Award	
1-ST USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate, and \$75 gift card	
Eesa Abdrabboh	How the athlete changes with stress	Talath Ansari	Crescent Academy International
Place Code	Organization Name	Organization Description	

CertificateName	Title	Teacher	School	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Elena Srour	Shapes Are Strong	Talath Ansari	Crescent Academy International	
Place Code	Organization Name	Organization Description		
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02		

Elijah Egbert	How Exercise Affects Anxiety and Depression	Cynthia Schmitz	St. Patrick Elementary-Whitelake	
Place Code	Organization Name	Organization Description		
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02		

Emma Kato	Effects of Biopolymers on Planaria Regeneration	David Allan	MSEF-Saginaw Arts and Sciences	
Place Code	Organization Name	Organization Description		
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.		

Estrella Jimenez	If it's Red, it's Lead! Dark Chocolate vs. Milk Chocolate	Dr. George Goff	Harms Elementary School	
Place Code	Organization Name	Organization Description		
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement		
3EL SHPE	Society of Hispanic Professional Engineers	Certificate of Recognition & small gift		

CertificateName	Title	Teacher	School
Ethan Duhl	Water Quality based on an Urbanization Gradient in the Rouge River	Jennifer Gorsline	Dearborn Center for Math, Science & Technology
Place Code	Organization Name	Organization Description	
1 AMS	American Meteorological Society	Certificate of outstanding achievement	
1 NOAA	United States Department of Commerce Oceans and Atmosphere	Certificate of Recognition	
1 SIWI	Stockholm Junior Water Prize (Stockholm)	Regional Award and recommendation to compete nationally	
Evie Doyon	How Do Crystalline Substances Affect the Melting Rate of Ice?	Cynthia Schmitz	St. Patrick Elementary-Whitelake
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Fatima Begum	How can food waste be used to make natural dyes?	Anjana Kapoor	Davison Elementary-Middle School
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Fiona Samson	Impacts of DGK Down-Regulation on Longevity during Spaceflight	Rebecca Brewer	Troy High School
Place Code	Organization Name	Organization Description	
1 NASA	NASA Earth System Science	Certificate of Recognition	
1-ST USAF	United States Air Force	Congratulatory Letter and certificate	

CertificateName	Title	Teacher	School
Fuga Takahashi	Machine Learning Prediction of Binding Affinity for In-Silico Drug Discovery	James Didio	Novi Senior High School
Place Code	Organization Name	Organization Description	
HM ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition	
1 ISEF	ISEF	SEFMD ISEF Finalist for 2022, May 8-13, 2022	
2 STATE	MSEF	Second Place Award of \$100 Cash Award	
Genavieve Bylow	Seeds Against Bacteria	Maureen Wickenheiser	St. Patrick Elementary-Carleton, MI - 6-8
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1JR USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate	
Giovanni Torres	Jumping for Geodes: Can you tell the Inside From the Outside	William Tucker	Holy Redeemer Catholic Grade School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
Grace Wang	The effect of methotrexate on MNRR1 as seen through cellular inflammation and	Karen Lamb	Detroit Country Day Upper
Place Code	Organization Name	Organization Description	
1 INVITR	Society for In Vitro Biology	Certificate of Achievement	
Grace Zhang	Selective Attention in Audio-Visual Navigation through Sound Classification	Stephanie Kokoszka	Cranbrook Kingswood Upper School
Place Code	Organization Name	Organization Description	
1 TOYOTA	Toyota R&D Innovation and Mobility	Personalized certificate, invite to a Toyota R&D Meeting, and consideration for internship at Toyota, including \$100 cash award	

CertificateName	Title	Teacher	School
Hadi Beydoun	Quantum-based Hamiltonian Calculation for Complex Molecules	Jennifer Gorsline	Dearborn Center for Math, Science & Technology
Place Code	Organization Name	Organization Description	
4 STATE	MSEF	Fourth Place Award of \$50 Cash Award	
Hadi Sweidan	Can you turn Milk into Plastic?	Rajaa Seblani	Star International Academy-Middle School
Place Code	Organization Name	Organization Description	
3JR ASMDET	ASM - Detroit Chapter	Certificate of accomplishment and complementary admission to/recognition at chapter dinner meeting.	
Hamna Malik	Lets breakdown with pesticides	Talath Ansari	Crescent Academy International
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Harish Narayan	Graphene Sand: Unlocking the potential of Metal Air Batteries	Nirmal Narayan	Home School 1-Canton
Place Code	Organization Name	Organization Description	
2 EMA	Environmental Management Association	Second place scholarship award on behalf of the Environmental Management Association, certificate and an award of \$750. Invitation to the Environmental Achievement Awards event at the Detroit Yacht Club on May 18 to receive their award and discuss + display their projects to industry professionals.	
1 LTU-WS	LTU Summer Workshop	Participation in the LTU Summer Workshop program	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	

CertificateName	Title	Teacher	School
Heera Santhosh	Assessing the Impact of Mechanical Stimulation via LEGO Robotics on Plants	Jackie Toepel	International Academy-East Campus
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	

Helsa Thomas	The Effects of Curcuma longa, Melaleuca alternifolia, and Zingiber officinale	Matthew Miller	MSEF-Saginaw Arts and Sciences
Place Code	Organization Name	Organization Description	
6 ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	

Himani Yarlagadda	Understanding the Impact of Tannic Acid on IgE Antibody Response to Nuts	Laura Luckins	Detroit Country Day Upper
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
1SR USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate, and \$50 gift card	

Isaac Britton	The Greenhouse Effect on the Growth of Desert Plants	Latrisha Burrell	Palmer Park Preparatory Academy
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

Isabella Cook	Art Education and Social-Emotional Learning	John Dougherty	Detroit Country Day Upper
Place Code	Organization Name	Organization Description	

CertificateName	Title	Teacher	School	
1	APA	American Psychological Association		Certificate of accomplishment
5	STATE	MSEF		Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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Isaias Orozco		Keeping You in Suspens(ion)		
		William Tucker	Holy Redeemer Catholic Grade School	
Place	Code	Organization Name	Organization Description	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
2JR	SHPE	Society of Hispanic Professional Engineers	Certificate of Recognition & Small Gift	
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Ishrat Iqbal		Think Twice Before You Double Dip!		
		Anjana Kapoor	Davison Elementary-Middle School	
Place	Code	Organization Name	Organization Description	
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
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Jad Elhinnawi		Sound in the Hydroponic field		
		Jennifer Gorsline	Dearborn Center for Math, Science & Technology	
Place	Code	Organization Name	Organization Description	
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
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Jaden Woods		Plant Life		
		Lashon Clay	Sampson-Webber Leadership Academy-Middle School	
Place	Code	Organization Name	Organization Description	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	

CertificateName	Title	Teacher	School
Jadiei Lopez with Julian Hurtado and Jeriel Crespo, Gustavo Sanchez, Carlos Reyes	Physics of Soccer!	Dr. George Goff	Harms Elementary School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
Janet Torres	How Many Seeds do Different Types of Fruit Produce	William Tucker	Holy Redeemer Catholic Grade School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
Jaylon Johnson	Plants in the Market Place!	Dr. George Goff	Harms Elementary School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
Jeeva Maridass	Nose Cone Optimization for Higher Rocket Apogee: Simulation and Analysis	Jackie Toepel	International Academy-East Campus
Place Code	Organization Name	Organization Description	
1SR USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate, and \$50 gift card	
Jenna Gabr	Which city in Metro Detroit has the safest drinking water?	Zehra Beg	Huda Upper School
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

CertificateName	Title	Teacher	School
Jennyfer Paz	How to grow the best and largest crystals	William Tucker	Holy Redeemer Catholic Grade School

Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement

Jessica Reinhart with Molly Gareau	Fun with Fungicide
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Jamie Hilliard	Macomb Mathematics Science Technology Center
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Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement

John Fontes Iii	Saltwater Pool vs Chlorine Pool which one's faster to swim?
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Cynthia Schmitz	St. Patrick Elementary-Whitelake
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Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Jonathan Calderon	β-Catenin Ability to Form Biomolecular Condensates Correlates with Function
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Stephen Lewis	Battle Creek Area Math & Science Center
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Place	Code	Organization Name	Organization Description
2SR	SHPE	Society of Hispanic Professional Engineers	Certificate of Recognition & Small Gift

5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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Jose Orozco	What is Buoyancy ?
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William Tucker	Holy Redeemer Catholic Grade School
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Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement

CertificateName	Title	Teacher	School
Juan Espinoza	Fruits and Seeds	William Tucker	Holy Redeemer Catholic Grade School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
Juan Zarate	Make the wind work for you!	William Tucker	Holy Redeemer Catholic Grade School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Judy Bai with Daniel Zhou	Characterizing Racial Disparity in Cancers by Predicting Candidate Biomarkers	Julie Smith	Greenhills
Place Code	Organization Name	Organization Description	
1 USAID	US Agency for International Development	Science Champion Award Certificate	
Julian Watson with Candice Gray and Antoine Wright	The Effect of Watershed By-Products Contaminants on Freshwater Aquatic Plants	Devette Brown	Bunche Preparatory Academy-MiddleSchool
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Justin Huang	PlantDoc: A Novel Plant Disease Classification Machine Learning Application	Gabriel Pak	Northville High School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	

CertificateName	Title	Teacher	School
Keegan Laco	Does the Shape of Ice Affect the Rate at Which It Melts?	Cynthia Schmitz	St. Patrick Elementary-Whitelake

Place	Code	Organization Name	Organization Description
1JR	ASHRAE	Amercian Society of Heating, Refrigerating and Air Conditioning Engineers	Book and Certificate

1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
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Kenneth Braxton	Measuring the Effects of Cleaning Supplies on Algal Populations	Hallie. Jones	East English Village Preparatory Academy
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Place	Code	Organization Name	Organization Description
1	AMS	American Meteorological Society	Certificate of outstanding achievement

Kerrington Brown	What Substance Makes Ice Melt Fastest?	Carol Smuk	Academy of the Americas-Middle School
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Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Khadija Marey with Wafa Alghazali	Electrochemical Water Splitting	Jason Bodson	Oakland International Academy HS
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Place	Code	Organization Name	Organization Description
1	SIWI	Stockholm Junior Water Prize (Stockholm)	Regional Award and recommendation to compete nationally

Kyree Hinkle	Soften Up	Maureen Wickenheiser	St. Patrick Elementary-Carleton, MI - 6-8
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Place	Code	Organization Name	Organization Description
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CertificateName	Title	Teacher	School	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
1J SIGXI	Sigma Xi-Univ of Mich Chapter			Certificate of award and cash award in the Junior Division
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Laura Liu		Effects of ergothioneine in regulating downstream gene expression		
		Eric Lohr	Rochester Adams High School	
Place	Code	Organization Name	Organization Description	
1-ST	APA	American Psychological Association	Certificate of accomplishment	
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Lauren Blase with Faith Aloia		The effect of knob spacing on the rolling resistance of a tire		
		Jamie Hilliard	Macomb Mathematics Science Technology Center	
Place	Code	Organization Name	Organization Description	
2	ASA	American Statistical Association (ASA), Michigan Chapters	\$50 Award of Merit	
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5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
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Lauren Kim		Climate Change: the Effect of Increasing Temperature on Caenorhabditis elegans		
		John Dougherty	Detroit Country Day Upper	
Place	Code	Organization Name	Organization Description	
1	AMS	American Meteorological Society	Certificate of outstanding achievement	
<hr/>				
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
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Layan Rahmani		Pearly Eggs		
		Zehra Beg	Huda Upper School	
Place	Code	Organization Name	Organization Description	

CertificateName	Title	Teacher	School	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Leonel Franco Herмосillo What surfaces cannot pop a bubble?
 William Tucker Holy Redeemer Catholic Grade School

Place	Code	Organization Name	Organization Description
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1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement
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1JR	GLCHPS	Great Lakes Chapter Health Physics Society	JR 1st Place Award recognizing outstanding contributions by students in grades 6–8 to the understanding of the applications of radiation and its impact on the environment and health.
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1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
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Londynn Stroman Processed or Natural?
 Suzanne Thebert Michigan Math and Science Academy-MS

Place	Code	Organization Name	Organization Description
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1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement
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Lucas Weaver 3D Printing Different Shovel Designs
 Cynthia Schmitz St. Patrick Elementary-Whitelake

Place	Code	Organization Name	Organization Description
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1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
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Lucianna Palace How Do Sugary Drinks Affect Your Teeth?
 Cynthia Schmitz St. Patrick Elementary-Whitelake

Place	Code	Organization Name	Organization Description
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CertificateName	Title	Teacher	School	
1-JR NSBE	National Society of Black Engineers: Detroit Professionals			Junior Division: Certificate of recognition, \$100 stipend and NSBE Jr. Membership
Luzmaria Rios	Cooking Pasta	William Tucker	Holy Redeemer Catholic Grade School	
Place Code	Organization Name			Organization Description
1 EPA	Environmental Protection Agency			Congratulatory Letter of encouragement
Madison Richards	May the Force be With You?	Tracy King	Pasteur Elementary	
Place Code	Organization Name			Organization Description
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
1JR USAF	United States Air Force			Congratulatory letter and certificate
Mahd Ali	Public vs Private pH of pools	Talath Ansari	Crescent Academy International	
Place Code	Organization Name			Organization Description
1 EPA	Environmental Protection Agency			Congratulatory Letter of encouragement
Maja Uzieblo with Alishba Qureshi	A Comparison of Mineral Sunscreen Versus Chemical Sunscreen on Plant Growth	Marc Fazio	Detroit Country Day Upper	
Place Code	Organization Name			Organization Description
1 EPA	Environmental Protection Agency			Congratulatory Letter of encouragement
5 STATE	MSEF			Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
Marcelo Torres	Craters and Meteorites	William Tucker	Holy Redeemer Catholic Grade School	
Place Code	Organization Name			Organization Description

CertificateName	Title	Teacher	School	
1 EPA	Environmental Protection Agency			Congratulatory Letter of encouragement
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
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Mariam Zargelin with Yasmina Jarkassi		Sending Solar Power Wirelessly		
		Rajaa Seblani	Star International Academy-Middle School	
Place	Code	Organization Name	Organization Description	
1JR	USAF	United States Air Force	Congratulatory letter and certificate	
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Mariana Villa Araiza		Build a Wind Turbine To Generate Energy		
		William Tucker	Holy Redeemer Catholic Grade School	
Place	Code	Organization Name	Organization Description	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
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Mariel Botello		Greening the Earth		
		William Tucker	Holy Redeemer Catholic Grade School	
Place	Code	Organization Name	Organization Description	
1JR	USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate	
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Maryam Ahmed		Spill No More		
		Wajida Taj	Tawheed Center School	
Place	Code	Organization Name	Organization Description	
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

CertificateName	Title	Teacher	School
1JR USNAVY	United States Navy		Letter of Congratulations, ONR Medallion, Naval Science Award Certificate
Maryam Gharabli	Surface tension on a penny	Wajida Taj	Tawheed Center School
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Maryam Uzhunnan	Producing Biogas	Talath Ansari	Crescent Academy International
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
Matthew Douglas	It's Launch Time	Pamela Clark	Oakland Christian School-MS
Place Code	Organization Name	Organization Description	
1JR SPACEX	SpaceX	Awarded to a high quality project with application to SpaceX or aerospace more generally. Student demonstrates enthusiasm for the subject.	
Matthew Nanez	What Makes Ice Melt Fastest	William Tucker	Holy Redeemer Catholic Grade School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
Max Xiao with Om Joshi and Manav Khosla	SECRNN: Convolutional recurrent network for spatial audio event recognition	Kristy Hessler	International Academy
Place Code	Organization Name	Organization Description	
HM ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition	
3 STATE	MSEF	Third Place Award of \$75 Cash Award	

CertificateName	Title	Teacher	School	
1	USAID	US Agency for International Development		Science Champion Award Certificate
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Maya Hammoud with Lara Hammoud		Gene Hunting: Decoding the Origins of Autism		
		Karen Lamb	Detroit Country Day Upper	
Place	Code	Organization Name	Organization Description	
1	APA	American Psychological Association	Certificate of accomplishment	
1	USAF	United States Air Force	Congratulatory Letter and certificate	
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Merisa Grebovic		The Future of Fashion: Environmental and Ethical Sustainability For Our World		
		David Egan	Larson Middle School	
Place	Code	Organization Name	Organization Description	
2-JR	AIRWAS	Air Waste Management Association	Certificate and \$150 Second place award	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
1JR	USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate	
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Michelle Hua		3D Simulation and Optimization Algorithms of Transcranial Focused Ultrasound		
		Stephanie Kokoszka	Cranbrook Kingswood Upper School	
Place	Code	Organization Name	Organization Description	
HM	ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition	
1	BATTLE	James T Battle Memorial Award	Special certificate and cash award of \$250 from the James T Battle Scholarship Fund	
1-ST	ISEF	ISEF	MSEF ISEF Finalist for 2022, May 8-13, 2022	
0	STATE	MSEF	Grand Award - MSEF Student is invited to participate in the International Science & Engineering Fair, plus \$250 Cash Award	

CertificateName	Title	Teacher	School
1 WEIZ	American Committee for the Weizmann Institute of Science		All expense trip to attend the Weizmann Institute of Science in Rehovot, Israel from July 4-27, 2023

Miguel Franco Hermsillo Electriss Play-Dough Project
 William Tucker Holy Redeemer Catholic Grade School

Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement

Mikul Saravanan Low-Cost 6-Axis Robot Arm with a Novel Dynamic Soft Gripper
 Stephanie Kokoszka Cranbrook Kingswood Upper School

Place	Code	Organization Name	Organization Description
2	ASEIO	American Society of Engineers of Indian Origin	Certificate, \$25 Gift card, Invitation to enter ASEI National YTE

1	IEEE	IEEE Southeastern Michigan Section	Frameable Certificate, \$100 cash award
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5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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1	USMA	US Metric Association Award	Certificate
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Miles Hall Does Activated Carbon Purify & Neutralize Acidic & Basic Water-Based Solutions
 Cynthia Schmitz St. Patrick Elementary-Whitelake

Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Miriam Haddad Plant Probiotics: A New Paradigm for Plant Growth?
 Matthew Miller MSEF-Saginaw Arts and Sciences

Place	Code	Organization Name	Organization Description
HM	ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition

5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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CertificateName	Title	Teacher	School
Miryam El-saghir	The Direct Correlation Between Socioeconomics and PFAS Contamination Levels	Jennifer Gorsline	Dearborn Center for Math, Science & Technology
Place Code	Organization Name	Organization Description	
1 AWG	Association of Women GeoScientists	Awards Certificate	
1-ST SIWI	Stockholm Junior Water Prize (Stockholm)	Regional Award and recommendation to compete nationally	
Mohamad Sabra	Underwater Microgravity Simulations	Jennifer Gorsline	Dearborn Center for Math, Science & Technology
Place Code	Organization Name	Organization Description	
1 AMS	American Meteorological Society	Certificate of outstanding achievement	
1 NASA	NASA Earth System Science	Certificate of Recognition	
Mounika Katta	Vaginal Bacteria Associated With Clinical Outcomes of Bacterial Vaginosis	Karin Nelson	Northville High School
Place Code	Organization Name	Organization Description	
HM ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition	
6 ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE	
1 INVITR	Society for In Vitro Biology	Certificate of Achievement	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
Nada Peracha	Ready, Set, Grow!	Talath Ansari	Crescent Academy International
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

CertificateName	Title	Teacher	School
Nadir Alam	Slowing the Progression of Parkinson's Disease in Drosophila with Exercise	Stephanie Kokoszka	Cranbrook Kingswood Upper School
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	

Nasr Abdul-mujeeb	Can a bigger plane fly faster than a smaller plane?	Talath Ansari	Crescent Academy International
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

Natalie Jackson	Are Surface temperatures Affected by Atmospheric Conditions?	Connie Atkisson	Thirkell Middle School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

Nathan Ponnudurai	A. Taxiformis and Reduction of Methane Production in Cattle Manure	David Egan	Larson Middle School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

CertificateName	Title	Teacher	School
Nevaeh Caddell with Ava Alcantar and Jazmine Quintana, Victoria Ruiz, Braynli Castaneda	Making It Shipshake: Hull Design and Hydrodynamics	Dr. George Goff	Harms Elementary School

Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement
2EL	SHPE	Society of Hispanic Professional Engineers	Certificate of Recognition & small gift

CertificateName	Title	Teacher	School
Niama Asif	Water Filtration	Wajida Taj	Tawheed Center School

Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

CertificateName	Title	Teacher	School
Nicholas Frieler	The Use of Collision-Induced Dissociation in Differentiating Isomers	Laura Luckins	Detroit Country Day Upper

Place	Code	Organization Name	Organization Description
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
1-ST	USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate, and \$75 gift card

CertificateName	Title	Teacher	School
Nilanjan Roy	Validating an Ischemic Stroke Model on a Neurovascular Unit-on-a-Chip	Rebecca Brewer	Troy High School

Place	Code	Organization Name	Organization Description
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.

CertificateName	Title	Teacher	School
Nishan Inampudi	How your new Electric Car can be hijacked	John Dougherty	Detroit Country Day Upper
Place	Code	Organization Name	Organization Description
6	ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE
2	IEEE	IEEE Southeastern Michigan Section	Frameable Certificate
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
2	TOYOTA	Toyota R&D Innovation and Mobility	Personalized certificate, invite to a Toyota R&D Meeting, and consideration for internship at Toyota, including \$50 cash award

Niveditha Chandrakanth with Sidharth Menon and Siddharth Karthikeyan Investigating the efficacy of experimental compositions of water-absorbent com

Jackie Toepel International Academy-East Campus

Place	Code	Organization Name	Organization Description
3SR	ASMDET	ASM - Detroit Chapter	Certificate of accomplishment and complementary admission to/recognition at chapter dinner meeting.
1	SIWI	Stockholm Junior Water Prize (Stockholm)	Regional Award and recommendation to compete nationally

Noah Cafagna with Jack Stevenson Effect of Wind Angle, Sail Area, and Added Mass on the Velocity of a Sailboat

Jamie Hilliard Macomb Mathematics Science Technology Center

Place	Code	Organization Name	Organization Description
1	USMA	US Metric Association Award	Certificate

Nolan Henige with Kaan Atak and Michael Scavnivky Rotating River Trash Collector and Mycelium Filter

Gabriel Pak Northville High School

Place	Code	Organization Name	Organization Description
1-SR	AIRWAS	Air Waste Management Association	Certificate and \$300 first place award

CertificateName	Title	Teacher	School
5 STATE	MSEF		Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
1 USAID	US Agency for International Development		Science Champion Award Certificate

Noor Fakih

Lets Get Energized!

Talath Ansari

Crescent Academy International

Place Code

Organization Name

Organization Description

1 JIC

Thermo Fisher Scientific-Junior Innovators Challenge

Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: <https://www.societyforscience.org/jic/for-nominees/> and use password of USMI02

Noor Mohassab with
Shahd Alghazali

Using Cabbage to Determine PH

Eman Mohammed Azizi

Michigan Islamic Academy MS

Place Code

Organization Name

Organization Description

1 JIC

Thermo Fisher Scientific-Junior Innovators Challenge

Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: <https://www.societyforscience.org/jic/for-nominees/> and use password of USMI02

Olivia Xu with Anthony Li
and Lillian Jing

A Wearable Sensor for Continuous Heart Sound Monitoring

Rebecca Brewer

Troy High School

Place Code

Organization Name

Organization Description

1 ISEF

ISEF

SEFMD ISEF Finalist for 2022, May 8-13, 2022

2 STATE

MSEF

Second Place Award of \$100 Cash Award

Omar Kutait

Salt, the deadly killer

Zehra Beg

Huda Upper School

Place Code

Organization Name

Organization Description

1JR USNAVY

United States Navy

Letter of Congratulations, ONR Medallion, Naval Science Award Certificate

CertificateName	Title	Teacher	School
Omaree Ishmael	Use Of Aerial Drone Technology To Monitor Air Quality In Urban Communities	Sharon Holloway	Davis Aerospace Technical High School
Place Code	Organization Name	Organization Description	
3-SR AIRWAS	Air Waste Management Association	Certificate and \$100 third place award	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1 ISEF	ISEF	SEFMD ISEF Finalist for 2022, May 8-13, 2022	
1 NGS	National Geographic Society	\$100 award and a certificate	
1 NOAA	United States Department of Commerce Oceans and Atmosphere	Certificate of Recognition	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
Payton Stemmerich with Delaney Martin	Fortifying Teeth Against Dietary Acids	Jamie Hilliard	Macomb Mathematics Science Technology Center
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
Peter Schondorf	Accessible PFAS Testing Device	Jennifer Gorsline	Dearborn Center for Math, Science & Technology
Place Code	Organization Name	Organization Description	
1 SIWI	Stockholm Junior Water Prize (Stockholm)	Regional Award and recommendation to compete nationally	
Pierre Hollins with Zion Young	The Relationship Between Salinity, Temperature and Density of Water	Paula Wiley	Carstens Elementary-Middle School
Place Code	Organization Name	Organization Description	

CertificateName	Title	Teacher	School	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Prakash Shekhar with Abdolla Hegazy Developing an Improved Parallel Gibbs Sampling Algorithm for DNA Motif Finding

Rebecca Joyce Kalamazoo Area Math and Science Center

Place	Code	Organization Name	Organization Description
HM	ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition

Pratyush Inturi Track-Your-Pet
David Egan Larson Middle School

Place	Code	Organization Name	Organization Description
1	BCODE	Broadcom Foundation-Coding for Commitment	\$250 Gift Certificate, Raspberry Pi Foundation Official RP400 Personal Computer Kit, Public recognition at Broadcom Foundation sponsored competitions and receipt of a formal certificate from Broadcom Foundation
1	DOD	DOD-STEM award from Society for Science	DOD STEM Leadership Prize certificate, voucher for \$100
1	IEEE	IEEE Southeastern Michigan Section	Frameable Certificate, \$100 cash award
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
1	LEMEL	Lemelson Foundation	First Place Award

Qihao Wang Optimized nucleic acid testing
Patricia Hanlan Detroit Country Day Upper

Place	Code	Organization Name	Organization Description
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.

CertificateName	Title	Teacher	School	
Radee Khan	Garbage Sorter	Eman Mohammed Azizi	Michigan Islamic Academy MS	
Place	Code	Organization Name	Organization Description	
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Rawan Fakh	The Phenomenon between the Vast Difference of Diagnostic Rates of ASD	Jennifer Gorsline	Dearborn Center for Math, Science & Technology	
Place	Code	Organization Name	Organization Description	
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
Ricardo Pastor	Optimizing the Window Method for Shortest Addition Chain with Applications	Matthew Miller	MSEF-Saginaw Arts and Sciences	
Place	Code	Organization Name	Organization Description	
4	STATE	MSEF	Fourth Place Award of \$50 Cash Award	
Rifat Adrianto	The Structure for Speed	Talath Ansari	Crescent Academy International	
Place	Code	Organization Name	Organization Description	
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Rohit Mahesh	ECGenius - A Novel Transformer-Based CVD Diagnostic Tool	Danielle Ramos	Salem High School	
Place	Code	Organization Name	Organization Description	
6	ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE	

CertificateName	Title	Teacher	School
Ruisi Ma	The Correlation between Stress and Procrastination	John Dougherty	Detroit Country Day Upper
Place Code	Organization Name	Organization Description	
1 APA	American Psychological Association	Certificate of accomplishment	

Rumaysa Khan	caff-eine-ful Zebra Fish	Zehra Beg	Huda Upper School
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

Ryan Khan	Best Insulation Material	Wajida Taj	Tawheed Center School
Place Code	Organization Name	Organization Description	
2JR ASHRAE	Amercian Society of Heating, Refrigerating and Air Conditioning Engineers	Book and certificate	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

Saanvisri Karnakanti	Wind Energy vs. Solar Energy	Heather Lechner	Plymouth Scholars Middle School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

CertificateName	Title	Teacher	School
Sahiba Kaur	A Mathematical Comparison of Binary Pool Testing and Single Covid Tests	Diane White	MSEF-Midland HH Dow HS
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
Salena Zhu	Evaluation of Different Methods to Isolate Extracellular Vesicles	Rebecca Joyce	Kalamazoo Area Math and Science Center
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
Sam Roberts	High altitude atmospheric research equipment recovery	Jennifer Gorsline	Dearborn Center for Math, Science & Technology
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
1 USAF	United States Air Force	Congratulatory Letter and certificate	
Samadhi Attanayaka	Design and Application of MXene-Based Cortisol Sweat Sensors	Rebecca Joyce	Kalamazoo Area Math and Science Center
Place Code	Organization Name	Organization Description	
1 STATE	MSEF	First Place Award of \$250 Cash award	
1 SWE	Society of Women Engineers - Detroit	Certificate of recognition, gift basket, invitation to SWE Detroit banquet	
Samanta Galicia	Which toilet paper cleans the best	Carol Smuk	Academy of the Americas-Middle School
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

CertificateName	Title	Teacher	School
Samuel Penn with Holden Rembecki	Don't Let the Plastics Dissolve Away	Jamie Hilliard	Macomb Mathematics Science Technology Center
Place	Code	Organization Name	Organization Description
HM	ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
Sanjana Duttagupta	User-Friendly Defective Solar Cell Detection using Artificial Intelligence	Karin Nelson	Northville High School
Place	Code	Organization Name	Organization Description
2	ASA	American Statistical Association (ASA), Michigan Chapters	\$50 Award of Merit
1	AWG	Association of Women GeoScientists	Awards Certificate
1	EMA	Environmental Management Association	First place scholarship award on behalf of the Environmental Management Association, certificate and an award of \$1500. Invitation to the Environmental Achievement Awards event at the Detroit Yacht Club on May 18 to receive their award and discuss + display their projects to industry professionals.
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
2	SWE	Society of Women Engineers - Detroit	Certificate of recognition, gift basket, invitation to SWE Detroit banquet
Sergio Hermosillo	The Science Behind Hovercrafts	William Tucker	Holy Redeemer Catholic Grade School
Place	Code	Organization Name	Organization Description

CertificateName	Title	Teacher	School	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Shiva Egan
 Low Density Radiation Shielding for Space Exploration
 Jenn Carlson Roeper Elementary

Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement

1	FPC	Fino Plane Co	Orientation/instructional flight down the Detroit River, over the Ambassador Bridge, and back to Pontiac
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1EL	GLCHPS	Great Lakes Chapter Health Physics Society	EL 1st Place Award recognizing outstanding contributions by students in grades 3-5 to the understanding of the applications of radiation and its impact on the environment and health.
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Shubhan Nagarkar
 Maximizing Osteogenesis through Optimization of Biodegradable Polymer Scaffold
 Diane White MSEF-Midland HH Dow HS

Place	Code	Organization Name	Organization Description
HM	ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition

5	ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE
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3	STATE	MSEF	Third Place Award of \$75 Cash Award
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Simran Adnani
 Spoonful of sugar makes health go down: Which drink has the least sugar?
 Jenn Carlson Roeper Elementary

Place	Code	Organization Name	Organization Description
1-EL	NSBE	National Society of Black Engineers: Detroit Professionals	Elementary Division: Certificate of recognition, \$100 stipend and NSBE Jr. Membership

Skye Leta
 Extrinsic Teeth Staining
 Pamela Clark Oakland Christian School-MS

Place	Code	Organization Name	Organization Description
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CertificateName	Title	Teacher	School	Organization Description
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Sreeman Charabuddi with Joe Wiater Development of a Novel Hydrogen Generation and Storage System derived from Wat

Stephanie Kokoszka Cranbrook Kingswood Upper School

Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement

5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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Srivarshiniraj Papisetty Sunshade Backpack: The Prevention Of Heat

David Egan Larson Middle School

Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement

Sruthi Kotaru with Ashley O'donnell and Latifa Salifou Production of Recombinant Glycoproteins as an Alternative to Native Glycoprote

Rebecca Joyce Kalamazoo Area Math and Science Center

Place	Code	Organization Name	Organization Description
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.

3	STATE	MSEF	Third Place Award of \$75 Cash Award
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Sumayya Syed The Truth Behind Mouthwash

Talath Ansari Crescent Academy International

Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

CertificateName	Title	Teacher	School
Supra Kuchibhatla	Impact of Elevated CO2 Levels on the UHI Effect	Jackie Toepel	International Academy-East Campus
Place Code	Organization Name	Organization Description	
1 AMS	American Meteorological Society	Certificate of outstanding achievement	
6 ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1-ST NOAA	United States Department of Commerce Oceans and Atmosphere	Certificate of Recognition	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	

CertificateName	Title	Teacher	School
Susana Bermejo	What's in the Water?	Dr. George Goff	Harms Elementary School
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
1EL SHPE	Society of Hispanic Professional Engineers	Certificate of Recognition & Small Gift	

CertificateName	Title	Teacher	School
Taiwen Feng with Davy Wang	Exploring Potential Applications of Piezoelectricity	Song Song	Boulan Park Middle School
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

CertificateName	Title	Teacher	School
Tanay Panja	Dementia AI: Computer Vision and AI Based Mobile App for Dementia Screening	David Caine	Huron HS
Place Code	Organization Name	Organization Description	
6 ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE	

CertificateName	Title	Teacher	School	
5	STATE	MSEF		Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.
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Tayveon Jackson		A study of the most effective antacid		
		Sharon Holloway	Davis Aerospace Technical High School	
Place	Code	Organization Name	Organization Description	
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
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Thomas Ignaczak		Investigation of filamentous fungi's ability to resist heavy metals based on e		
		David Thomson	Stoney Creek High School	
Place	Code	Organization Name	Organization Description	
2	ASA	American Statistical Association (ASA), Michigan Chapters	\$50 Award of Merit	
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	
5	STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
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Tyler Dingman		The Negative Effects Energy Drinks Have on Teeth		
		Cynthia Schmitz	St. Patrick Elementary-Whitelake	
Place	Code	Organization Name	Organization Description	
1JR	USNAVY	United States Navy	Letter of Congratulations, ONR Medallion, Naval Science Award Certificate	
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Umaamah Suleiman		Fascinating Bombs!		
		Wajida Taj	Tawheed Center School	
Place	Code	Organization Name	Organization Description	
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

CertificateName	Title	Teacher	School
Veda Mantena	The Effect of Bond Strength on the Energy Difference of Molecular Orbitals	Laura Luckins	Detroit Country Day Upper
Place Code	Organization Name	Organization Description	
3SR ASMDET	ASM - Detroit Chapter	Certificate of accomplishment and complementary admission to/recognition at chapter dinner meeting.	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	
Vikram Goddla	Autonomous Navigation of Medical Microbots with Deep Reinforcement Learning	Patricia Hanlan	Detroit Country Day Upper
Place Code	Organization Name	Organization Description	
HM ASA	American Statistical Association (ASA), Michigan Chapters	Certificate of Recognition	
1 ASEIO	American Society of Engineers of Indian Origin	Certificate, \$30 Gift Card, Invitation to enter ASEI National YTE	
1 BIOMED	Regeneron BioMedical Award	Award Certificate, special recognition, and \$500 award	
1 ISEF	ISEF	SEFMD ISEF Finalist for 2022, May 8-13, 2022	
1 STATE	MSEF	First Place Award of \$250 Cash award	
1 USAF	United States Air Force	Congratulatory Letter and certificate	
Wynton Dacres	Which material will create the best geometric shape to hold weight?	Branti Jackson	Burton International Academy-MS
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	
Xavier Cornell	Melt That Ice	Barbara Case	Catherine C. Blackwell Institute-Middle School
Place Code	Organization Name	Organization Description	

CertificateName	Title	Teacher	School	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge			Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Yandel Jarrells Does your throwing pitch affect how far you throw?

Dr. George Goff Harms Elementary School

Place	Code	Organization Name	Organization Description
1	EPA	Environmental Protection Agency	Congratulatory Letter of encouragement

Yanelly Angulo-barraza What Dish Soap Cleans Better?

Carol Smuk Academy of the Americas-Middle School

Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Yash Bingi Using Machine Learning to Classify Fetal Health and Analyze Feature Importance

Danielle Ramos Salem High School

Place	Code	Organization Name	Organization Description
6	ASEIO	American Society of Engineers of Indian Origin	Certificate, \$15 Gift card, Invitation to enter ASEI National YTE
4	STATE	MSEF	Fourth Place Award of \$50 Cash Award
1-ST	USAID	US Agency for International Development	Science Champion Award Certificate

Yenna Park Is too much road salt harmful for the environment?

Stephanie Kokoszka Cranbrook Kingswood Upper School

Place	Code	Organization Name	Organization Description
3	EMA	Environmental Management Association	Third place scholarship award on behalf of the Environmental Management Association, certificate and an award of \$500. Invitation to the Environmental Achievement Awards event at the Detroit Yacht Club on May 18 to receive their award and discuss + display their projects to industry professionals.

CertificateName	Title	Teacher	School
1 SIWI	Stockholm Junior Water Prize (Stockholm)		Regional Award and recommendation to compete nationally

Yifei Cheng Measuring Voltage Threshold for Different Color LEDs

David Lurie Plymouth Scholars Middle School

Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Yomna Kouki Paper Chromatography

Wajida Taj Tawheed Center School

Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Yusuf Almadrahi Does toothpaste protect your teeth from decay.

Talath Ansari Crescent Academy International

Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

Yusuf Ateequi Food Trash to be Gas

Talath Ansari Crescent Academy International

Place	Code	Organization Name	Organization Description
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02

CertificateName	Title	Teacher	School
Za Niya Currie	And the Winner Is.....	Connie Atkisson	Noble Elementary-K to 5
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	

Zahro Muhammadieva	Eww, That's Gross!	Zehra Beg	Huda Upper School
Place Code	Organization Name	Organization Description	
1 JIC	Thermo Fisher Scientific-Junior Innovators Challenge	Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02	

Zai Onna Currie	Better Water = Better Crops: Truth or Fiction?	Connie Atkisson	Noble Elementary-K to 5
Place Code	Organization Name	Organization Description	
1 EPA	Environmental Protection Agency	Congratulatory Letter of encouragement	

Zakariya Alok	Clean Living	Zehra Beg	Huda Upper School
Place Code	Organization Name	Organization Description	
3-JR AIRWAS	Air Waste Management Association	Certificate and \$100 third place award	

Zayan Tariq	How much Ethanol?	Riccardo Di Pasquo	Detroit Country Day Upper
Place Code	Organization Name	Organization Description	
5 STATE	MSEF	Selected for competition into the Michigan Science and Engineering Fair on March 15, 2023.	

Zhongsheng Cheng	Deep learning based denoising of super-resolution images of protein aggregates	Stephanie Kokoszka	Cranbrook Kingswood Upper School
Place Code	Organization Name	Organization Description	

CertificateName	Title	Teacher	School	
2 ASA	American Statistical Association (ASA), Michigan Chapters			\$50 Award of Merit
4 STATE	MSEF			Fourth Place Award of \$50 Cash Award
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Zia Airea Currie	A Drive for Efficiency: Effective Alternative Energy Vehicles-Solar or Hydro P	Connie Atkisson	Noble Elementary-Middle School	
Place	Code	Organization Name		Organization Description
1	EPA	Environmental Protection Agency		Congratulatory Letter of encouragement
1	JIC	Thermo Fisher Scientific-Junior Innovators Challenge		Student is nominated for competition in the Thermo Fisher Scientific-Junior Innovators Challenge. Register online at: https://www.societyforscience.org/jic/for-nominees/ and use password of USMI02
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Zoe Perez Ramirez	What fruits ruin gelatin	William Tucker	Holy Redeemer Catholic Grade School	
Place	Code	Organization Name		Organization Description
1	EPA	Environmental Protection Agency		Congratulatory Letter of encouragement