

MSEF 2023  
Special Awards



<b>Special Award &amp; Sponsor</b>	<b>Name</b>		<b>Grade</b>	<b>School Name</b>	<b>Project Title</b>
Excellence in Chemistry (ACS-Omaha Chapter)	Angela		8	Buffett Middle	Egg Dentistry
Excellence in Chemistry (ACS-Omaha Chapter)	Julia		7	St. Cecilia's Cathedral	Think Before You Drink
AFCEA-Greater Omaha Chapter	Mackenzie		8	Buffett Middle Elkhorn Ridge	Does Multitasking Suit You?
AFCEA-Greater Omaha Chapter	Athreya		8	Middle Swanson	Reemergence of Mpx: Bioinformatics Approach
AFCEA-Greater Omaha Chapter	Rex		6	Elementary	Look Out Below!
AFCEA-Greater Omaha Chapter	Ella		8	Buffett Middle	Bridges Holding The World
AFCEA-Greater Omaha Chapter	Gabe		8	Buffett Middle	Robo Lifting
AFCEA-Greater Omaha Chapter	Laney		8	King Science & Tech Middle Elkhorn Valley View	Do Higher Frequencies Produce More Thermal Energy Than Lower Frequencies?
AFCEA-Greater Omaha Chapter	Aishwarya		7	Middle	A Boost of Wi-Fi from Parabolas
AFCEA-Greater Omaha Chapter	Edgar		11	UNMC High School Alliance	
Computer Science/Logistics Award (Mastery Logistics)	Mackenzie		8	Buffett Middle	Does Multitasking Suit You?
Computer Science/Logistics Award (Mastery Logistics)	Matthew	William	7	Saint Margaret Mary Swanson	Maglev Movement
David Dow Award	Rex		6	Elementary	Look Out Below!
David Dow Award	Anuj		10	Millard North High	PYCR2: A Novel Regulator of Metabolic Reprogramming in Cancer Cells
Excellence in Chemistry (ACS-Omaha Chapter)	Rayya		12	Omaha Central High	Lactase and Milk Spoilage
Excellence in Chemistry (ACS-Omaha Chapter)	Azriel		12	Omaha North High	Exploring Metal-Complexes as Colorants for Additively Manufactured Silica Glass
Invention Scouts Award (Boy Scouts of America)	Christian	Diego	8	Bryan Middle	Ripe or Rot?
Lauritzen Gardens Plant Science Award	Lucia		11	Zoo Academy Saint Margaret	Effects of Chemical and Organic Fertilizers on Spirogyra
Lauritzen Gardens Plant Science Award	Liv	Stella	7	Mary	

Midwest Labs Award	Paul		8	King Science & Tech Middle	How Does Hornwort Grow Under White and Blue Light?
Midwest Labs Award	Josette		8	Buffett Middle	Gulp Growth
Midwest Labs Award	Edgar		11	UNMC High School Alliance	
Midwest Labs Award	Stella		11	Zoo Academy	Aquaponics vs. Soil-Based Gardening
Midwest Labs Award	Lucia		11	Zoo Academy	Effects of Chemical and Organic Fertilizers on Spirogyra
Midwest Labs Award	Stella		11	Zoo Academy Saint Margaret	Aquaponics vs. Soil-Based Gardening
Midwest Labs Award	Liv	Stella	7	Mary	
Office of Naval Research	Isabelle		8	Beveridge Middle Omaha Virtual	How Does the Size of Your Feet Affect How You Run?
Office of Naval Research	Manuel		6	School Omaha Virtual	Solar Powered Toy Car
Office of Naval Research	Daniel		6	School Saint Margaret	How Will Angle Affect the Ball Launcher?
Office of Naval Research	Owen	Rory	7	Mary	The Catfish Crisis
Office of Naval Research	Avery		11	Zoo Academy Omaha Central	Teens Daily Activity Affecting Their Well Being
Office of Naval Research	Lyla		9	High Elkhorn Ridge	Effects of Living by the Ocean on Human Quality of Life
Omaha North High Magnet School Special Award for Computer Science & Technology	Athreya		8	Middle	Reemergence of Mpox: Bioinformatics Approach
Omaha North High Magnet School Special Award for Computer Science & Technology	Tom		8	Omaha Virtual School	How Does Pitch Affect the Response of a Voice Controlled Fan?
Omaha North High Magnet School Special Award for Science & Research	Gabe		8	Buffett Middle Saint Margaret	Unpopped
Omaha Henry Doorly Zoo & Aquarium Award	Lucille		7	Mary Omaha Central	Feeling Scent-imental
Omaha Henry Doorly Zoo & Aquarium Award	Aleena		10	High	Effects of Rising CO2 Levels on Shell Development of Lymnaea Stagnalis
Outstanding Female Engineer – 1st place (Society of Women Engineers–Omaha Chapter)	Azriel		12	Omaha North High	Exploring Metal-Complexes as Colorants for Additively Manufactured Silica Glass

Outstanding Female Engineer - 2nd place (Society of Women Engineers-Omaha Chapter)	Emma	Luisa	12	UNMC High School Alliance	Molecular Mechanism of SAP30, a Novel Oncogene in Neuroblastoma (NB)
Outstanding Female Engineer - 2nd place (Society of Women Engineers-Omaha Chapter)	Savannah		12	Omaha Central High	An Abundance of Lactase
Outstanding Female Engineer - 2nd place (Society of Women Engineers-Omaha Chapter)	Aishwarya		7	Elkhorn Valley View Middle	A Boost of Wi-Fi from Parabolas
Outstanding Female Engineer 1st Place; Sustainability Award (Green Omaha Coalition)	Arianna		7	McMillan Middle	Wind Turbine Efficiency
Outstanding Sophomore - South Dakota School of Mines & Technology	Anuj		10	Millard North High Swanson	PYCR2: A Novel Regulator of Metabolic Reprogramming in Cancer Cells
SAC Museum Special Award	Graham		6	Elementary Elkhorn Valley View	Sleep Through Everything
SAC Museum Special Award	Aishwarya		7	Middle	A Boost of Wi-Fi from Parabolas
UNO STEM TRAIL Center	Rebecca		8	Buffett Middle	Switch the Colors!
UNO STEM TRAIL Center	Anya		8	King Science & Tech Middle	Music and Memory
UNO STEM TRAIL Center	Amelie	Lena Giselle	7	Mary	Get the Heart Pumping
UNO STEM TRAIL Center	Gabriela	e	8	Bryan Middle St. Cecilia's	Clothing and the Mind
UNO STEM TRAIL Center	Julia		7	Cathedral Saint Margaret	Think Before You Drink
UNO STEM TRAIL Center	Jonah	Henry	7	Mary	I Have a BURNING Question
UNO STEM TRAIL Center	Clifton		8	King Science & Tech Middle	Cars and Snow
Sustainability Award (Green Omaha Coalition)	Olivia		12	Omaha Central High	The Effect of Eisenia fetida on the Decomposition Rate of Household Waste
Sustainability Award (Green Omaha Coalition)	Lucia		11	Zoo Academy	Effects of Chemical and Organic Fertilizers on Spirogyra

Sustainability Award (Green Omaha  
Coalition)

Liv

Stella

7

Saint Margaret  
Mary

Under the Trees