

2021 Metropolitan Science and Engineering Fair Special Award Recipients

Award Name	Name	Grade	School Name	Project Title
Air Force Association Award for Aerospace				
Junior 1st place	Ryan D	8	McMillan Magnet Center	Comets
Senior 1st Place	Charlie L	12	Zoo Academy	The Effect of Carbohydrate Consumption on Resistance Exercise Performance Following Endurance Exercise
Armed Forces Communication and Electronics Association-Omaha Chapter Award of Excellence				
	Zareena A	7	McMillan Magnet Center	Cracking the Code
	Audrey B	8	Alice Buffett Magnet Middle School	How Clean is Your Cleansing?
	Giovanna F	8	Bryan Middle School	Is Your Website Vulnerable to an SQL Injection Attack?
	Reema G	9	Millard North High School	COVID-19: In-depth Analysis of Coronavirus Mutations and Their Implications for the Future Outbreaks
	Madison N	8	King Science & Tech Magnet	Population Predictions with Programming
	Lance N	7	King Science & Tech Magnet	Suspension Mirrored or Not Mirrored
	Daniel R	8	McMillan Magnet Center	A Helping Hand
	Tori T	8	Alice Buffett Magnet Middle School	Beads and Bottles
American Chemical Society-Omaha Chapter Outstanding Chemistry Projects				
Junior 1st Place	Naomi L	8	McMillan Magnet Center	Which Fruit Has the Most Vitamin C
Senior 1st Place	Elisha M	12	Omaha Bryan HS/UNMC High School Alliance	Adapting CRISPR/i Technology in Studying Chlamydia Growth and Development.
Junior 2nd Place	Siri D	8	Brownell Talbot School	Beat the Pandemic with DIY Oxygen.
Senior 2nd Place	Reema G	9	Millard North High School	COVID-19: In-depth Analysis of Coronavirus Mutations and Their Implications for the Future Outbreaks
Green Omaha Coalition Sustainability Award				
	Joshua B	8	Alice Buffett Magnet Middle School	Straw Breakdown
	Haley B	11	Zoo Academy	Glycine Max Growth in Relation to the Presence of Disposable Packaging
	Kyra B	11	Omaha Central High School	Effect of Polyculture Agroecosystems on <i>Raphanus sativus</i> Crop Yield
	Adison H	8	King Science & Tech Magnet	Insects vs. Fish Flakes
Lauritzen Gardens Excellence in Plant Sciences				
	Haley B	11	Zoo Academy	Glycine Max Growth in Relation to the Presence of Disposable Packaging
Midwest Labs Outstanding Projects in Agriculture, Animal Nutrition, Food Safety and Innovation				
	Annie F	12	Zoo Academy	The Ring of Fire: The Effects of Prairie Treatments on the Biodiversity of Native Mammals
	Sadie L	7	McMillan Magnet Center	Big Worm Theory
	Esha M P	7	Westside Middle School	The Demonstration of Soil pH: Relative to Nutrient Availability and Native Plants of the Midwest
	Mercedes R	9	Harry A. Burke	Masks Are Precautions to Be Taken: Experiments Representing the Efficiency of Face Coverings Relating to the SARS-CoV-2 Pandemic
	Alyssa W	12	Zoo Academy	The Effect of Coral Choice on <i>Zebbrasoma flavescens</i> Behavior
	Ellis Y	8	McMillan Magnet Center	Will it Vine?

Office of Naval Research "Naval Science" Award

	Zareena A	7	McMillan Magnet Center	Cracking the Code
	Anvitha B	11	Millard North High School	Epigenetic Engineering in Immune Cells Prevents Disease-Causing Mechanisms in Atherosclerosis
	Annika C	12	UNMC High School Alliance	Dissection-Based Investigation of Variations in Major Gross Arterial Supply to the Trigeminal Ganglion
	Siri D	8	Brownell Talbot School	Beat the Pandemic with DIY Oxygen.
	Giovanna F	8	Bryan Middle School	Is Your Website Vulnerable to an SQL Injection Attack?

Omaha North High School Student Ambassadors & HOSA Future Health Professional Awards for Excellence

Excellence in Health Sciences	Blythe K	8	Otte Blair Middle School	Do Concussion Bands Work?
Excellence in Engineering	Lance N	7	King Science & Tech Magnet	Suspension Mirrored or Not Mirrored

Society of Women Engineers-Omaha Chapter Outstanding Engineering Projects

Junior 1st Place	Siri D	8	Brownell Talbot School	Beat the Pandemic with DIY Oxygen.
Senior 1st Place	Lauren S	11	Zoo Academy	The Internal Temperature and Humidity of Beehives in Winter
Junior 2nd Place	Madison P	8	Alice Buffett Magnet Middle School	Earth Quake Sand
Senior 2nd Place	Chloe H	11	Zoo Academy	The Functionality of School Supplies: Biodegradable & Upcycled vs. Non-Green

University of Nebraska Omaha STEM TRAIL Center STEM Award

	Zareena A	7	McMillan Magnet Center	Cracking the Code
	Jackson F	7	King Science & Tech Magnet	Does it Make a Difference
	Adison H	8	King Science & Tech Magnet	Insects vs. Fish Flakes
	Alea K	7	McMillan Magnet Center	Splatter Matters
	Madison N	8	King Science & Tech Magnet	Population Predictions with Programming
	Lance N	7	King Science & Tech Magnet	Suspension Mirrored or Not Mirrored
	Tony N	8	McMillan Magnet Center	Blue Light Filters
	Madison P	8	Alice Buffett Magnet Middle School	Earth Quake Sand
	Daniel R	8	McMillan Magnet Center	A Helping Hand
	Sophia S	8	Alice Buffett Magnet Middle School	Everything Atypical

Omaha's Henry Doorly Zoo and Aquarium Award for Excellence

Junior 1st place	Madison N	8	King Science & Tech Magnet	Population Predictions with Programming
Senior 1st Place	Claire N	12	Zoo Academy	The Effect of Burning, Grazing and Fire Frequency on Prairie Grass



**Metropolitan
SCIENCE &
ENGINEERING FAIR**

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