

Ozark Region Missouri Junior Academy of Science – March 7, 2025

Highly Superior		
Robert Sangster	Junior	Distraction's Impact on Driving: A Simulator Study
Tyson McKay	Junior	The Invasion Issue
Ava Hines	Junior	Long Lasting Lactase
Ryan Radlund	Junior	Unblocked: A Novel Approach to Addressing the Cause of Superior Mesenteric Artery Syndrome
Liam McKay	Junior	Extraction
Gavin Kurth	Junior	It's In The Walls
Opal Antoszewski	Senior	Enhancing Livestock Health Through Agronomic Interventions: The Role of GA3 in Reducing Dihydroergotamine Levels in Tall Fescue
Olivia McGruder	Senior	Computational and Experimental Evaluation of 1,4-Dioxo-8-azaspiro[4.5]decane for Alzheimer's Disease: Targeting AB-42 Aggregation and Neurodegeneration
Kasey Hicks	Senior	Mitigating Aluminum Toxicity in <i>Phaseolus vulgaris</i> : Biochar's Role as a Tool for Pollution Remediation
Elizabeth Hauser	Senior	Evolution of Suppression strategies for reducing airborne particulate matter following Structural Demolition Events

Ozark Region Missouri Junior Academy of Science – March 7, 2025

Superior		
Cap Kellenberger	Junior	Iguana Gloves
Luke Patton	Junior	Unblocking the Stars
Addyson Grout	Junior	Does What a Chicken Eats Affect the Eggs?
Moriah Freese	Junior	Melanope
Lyla Naslund	Junior	A Lunch Catastrophe
Bailee Henry	Junior	Do We Need To Drink Milk?
Piper Sorensen	Junior	Natural Fertilizer
Isaias Rodriguez-Canseco	Junior	Symphony in the Soil
Jackson Bruns	Junior	A Glove Above
Larry Quade	Senior	The Power of Citrus: Constructing a Reusable Multi Celled Citric Acid Battery Alternative to Alkaline and Lithium Batteries
Denver Woodruff	Senior	Multigenerational Analysis of Caffeine Susceptibility in <i>Drosophila melanogaster</i>
Lillian Cheever	Senior	The Effect of 2-Arachidonoylglycerol on the Stressed Pulse Rate of <i>Lumbriculus variegatus</i>
Melody Chen	Senior	<i>Lumbricus</i> hemmoraging and healing rates post treatment with <i>Leonurus</i>
Brock Piercy	Senior	Investigating Chitosan's Effect on Bacterial Growth and Duribility in Gore-Tex Implants for Medical Use