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0 STEM Research Challenge
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SENIOR DIVISION
GRAND AWARD WINNERS
& ISEF FINALISTS

The following students have been named 2024 International Science & Engineering Fair (ISEF) finalists and are awarded an all-expense paid trip to Los Angeles, CA to compete in May, 2024. All finalists will also receive a \$250 cash award courtesy of Nusenda Credit Union.

Sowmya Sankaran ~ Albuquerque Academy

Project #: SCOMP-1401

Project Title: *Generalization of Object Detection for Multiple Species in Drone Images Using a Fine-Tuned Machine Learning Model*

Akilan Sankaran ~ Albuquerque Academy

Project #: SCHEM-1304

Project Title: *Analyzing Per- and Poly-fluoroalkyl Substances through Atomistic Simulations*

George Privett ~ Rio Rancho High School

Project #: SANI-1104

Project Title: *The Beetles: Examining the Effect of Isolated Supplementation in Cigarette Beetles to Optimize Nutrient and Biomass Transfer via Consumption*

Jiayang Wang ~ Menaul School

Project #: STRAN-1602

Project Title: *A Self-Adjusting Resonating Piezoelectric Vibration Energy Collector Based on a Cantilever Structure*
