

**2 Central New Mexico**  
**0 STEM Research Challenge**  
**2**        
**6**

**JUNIOR DIVISION**  
**GRAND AWARD**  
**WINNERS**

**Top Junior Division - Life Sciences**

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**1<sup>st</sup> Place - \$250**

Project # JMED-H-708

Ashvita Prasankumar ~ Desert Willow Family School

*Project Title: A Change of Heart: Predictive Modeling of Heart Disease Risk*

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**2<sup>nd</sup> Place - \$200**

Project # JPLANT-1001

Jesvitha Pulagura ~ Albuquerque Institute of Math & Science

*Project Title: Can Biodegradable Hydrogels Help Conserve Water in Farming?*

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**3<sup>rd</sup> Place - \$150**

Project # JBEH-103

Max Berger & Balraj Sandhu ~ Albuquerque Academy

*Project Title: Music and Cognitive Performance: Effects on Memory Recall*

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**Top Junior Division - Physical Sciences**

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**1<sup>st</sup> Place - \$250**

Project # JCOMP-301

Sahana Paruchuri ~ Albuquerque Academy

*Project Title: Beyond Accuracy: Brain Tumor AI - A Confidence-Calibrated Multi-Stage CNN for MRI Tumor Detection, Subtype Classification and Glioma Grading*

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**2<sup>nd</sup> Place - \$200**

Project # JENGR-404

Gareth Jones ~ Albuquerque Institute of Math & Science

*Project Title: Making a Generator That Uses Vortex Shedding to Convert Wind Energy Into Electricity*

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**3<sup>rd</sup> Place - \$150**

Project # JCHEM-216

Abdel Rahman El-Emawy ~ Salam Academy

*Project Title: Reaction In Action*