

**2 Central New Mexico**  
**0 STEM Research Challenge**  
**2**        
**1**

**SENIOR DIVISION**  
**GRAND AWARD WINNERS**  
**& ISEF FINALISTS**

*The following students have been named 2021 International Science & Engineering Fair (ISEF) Finalists to compete virtually at ISEF in May, 2021. They will also receive a \$250 cash award.*

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**Milidu Jayaweera** ~ La Cueva High School

**Project #: SENG-1303**

**Project Title:** *A Novel AI-based GPS Anti-spoofing System with Subspace Differential Direction of-Arrival Estimation and Deep Learning Against Dynamic Spoofers*

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**McKenna Collins** ~ Albuquerque Institute of Math & Science

**Project #: SENG-1305**

**Project Title:** *Using Hemispheric Sensing with Trajectory Prediction for Satellites to Mechanically Dodge Space Debris*

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**Rakin Faruk** ~ Albuquerque Institute of Math & Science

**Project #: SBEH-1006**

**Project Title:** *Statistical Analysis of Stress Level Differentiation Based on an Individual's Brain Dominant Hemisphere*

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**Isaac Huber** ~ Eldorado High School

**Project #: SCHEM-1106**

**Project Title:** *A Liquid-Liquid Extraction to Purify Magnetite Nanoparticles*

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