

Poster Session 1

Wednesday, April 17, 10am-12pm, Skeen Library

<u>Registration Number</u>	<u>Author(s):</u>	<u>Project Title:</u>
SRS2024-006	Gabriel Carothers, Shiloh Carter, Jeremiah Alvarez, Nara Scott, Zeb Apachito, Vidhi Shethia	New Mexico Tech and Magdalena Teen Science Café GeoScience Program
SRS2024-037	Lauren Hall	Charge Analysis of New Mexico Thunderstorms
SRS2024-041	Eric Nunez, Ashley Bradshaw, Gage Ellis, Matthew Tyrrell, Adam Mirate	NMT Plant Propagators: Automating a Hydroponic System for Usage in a Lunar Environment
SRS2024-046	Rio Sessions, Sky Sessions	An Investigation of Methane Sources on NMT Campus
SRS2024-049	Brenden Herkenhoff	Drag Reduction, Power Management, and Energy Harvesting Techniques in Nature for Aircraft: A Review
SRS2024-060	Robert Staub	Photo-Nuclear Production of Lutetium-177: A Theranostic in Short Supply
SRS2024-061	Calyssa Huff, Katelyn Green, Heather Graham, Aaron Regberg	Microbial Bioburden on NASA Cleanroom Surfaces: Cell Counting and Fluorescence in situ Hybridization
SRS2024-087	Gwenevere Gatto, Joel Pilli, Claire Putelli	Curcumin and Transition Metal Doped Hydroxyapatite as Antibacterial Biomaterials
SRS2024-093	Abraham Pacheco, Nicklaus Stanaland, Logan Moore	Modular Drone Link System

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SRS2024-098	Sinai Grijalva, Damilola Odumade	Mitochondrial Gene Expression and Function in Polyploid Wheat under Heat Stress
SRS2024-099	Arthur Wietharn, Isabella Gatto	Shape Memory Alloy Perching Mechanisms for Flapping Wing Drones: A Bioinspired Mechanism for Wildlife Monitoring
SRS2024-102	Daniel Hojnowski, Robert Volkmann, Michael Rodriguez, Zachary Goodrich, Susanna Lanucara	WIKEE Telescope
SRS2024-103	Zachary Goodrich, Kaitlyn Leffler, Fabian Caballero Vargas	Design and Experimentation of a Publicly Available Asteroid Detection Program
SRS2024-108	Arthur Wietharn, Kyle Allen, Isabella Gatto, Logan Moore, Matthew Thomason, Amin Weinman	NASA MINDS Shape Memory Alloy Motor for Mars Rover
SRS2024-133	Lily Rich, Nicholas Repinski	Ozone Depletion Over New Mexico: Impacts of Seasonal Change and Global Warming
SRS2024-144	October Barnes, Eva Mueller, Cyndric Mygatt, Samantha Smith	Unraveling the Mysteries of Cottonwood Cave's Microbial Menagerie
SRS2024-147	Damon Aguilar, Anthony Baca, Edgar Montoya	Temperature Fluctuation Using HOBO Sensors