

2025 Student Research Symposium



Poster Presentation 4

Friday, April 25, 1-3pm, OSL Area, Skeen Library

SRS Number:	Project Title:	Presenter(s):
SRS2025-013	Batteries and Battery Storage	Akongnwi Chungong
SRS2025-014	Communication and Teamwork in Virtual Reality	Breana Silvis, Katerina Bonilla, and Rui Ping Wheaton
SRS2025-017	Assessing the Feasibility of Electric Airships on Mars	Yan Pozhanka
SRS2025-034	Exploring Regional Correlations Between Lighting and Climatological Factors in the Americas	Lily Rich
SRS2025-038	Bio-Inspired Deployable Environmental Sensors for Real-Time Awareness: Enhancing Safety and Coordination through Autonomous Path Planning	Skyler Bunning
SRS2025-042	In Situ Heat Treatment of LPBF Printed Recycled AlSi10Mg and Computational Insights	Timothy Nice and Brianne Boyd
SRS2025-043	Neuromorphic Reinforcement Learning in Von Neumann Architecture: Spiking Neural Networks for Continuous Control	Jessica Hunter
SRS2025-045	Bio-Inspired Electrostatic Precision Landing in UAVs	Kofi Adu Mensah
SRS2025-055	Dissimilar Laser Joining of Ti-6Al-4V and Inconel 625 through a Vanadium Interlayer	Annika Bauman and Ethan Hopwood

SRS Number:	Project Title:	Presenter(s):
SRS2025-057	A Linguistic Analysis of Presidential Tweets	Mary Pinnell
SRS2025-068	Teaching STEM Using a Robotic Combat Kit	Benjamin Harrington
SRS2025-069	Flow Cytometric Analysis of Cardiovascular Disease Biomarker, Lipo-protein Phospholipase A2	Mason Broten
SRS2025-074	Analysis of The Socorro Magma Body	Dylan Lovato
SRS2025-081	Planning Follow-Up Asteroid Observations Using the Gauss Algorithm	Charles Keller
SRS2025-111	CO2 Sequestration In A Depleted Gas Reservoir At The Permian Basin	Millicent Okyere Williams
SRS2025-112	Bio-Mimetic Heat Pipe	Matthew Thomason and Hunter Belcher
SRS2025-123	Fluid-Filled Sensor-Activated Biomimetic Composite for Traumatic Brain Injuries	Timothy Junior Amevor
SRS2025-127	Hopf Bifurcations in a Mathematical Model for Economic Growth, Corruption and Unemployment: Computation of Economic Limit Cycles	Ogochukwu Ifeacho
SRS2025-129	Flexural Analysis of a Fluid-Filled Sandwich Core Composite	Gabriel Maestas