

First Name	Last Name	Session	Poster#	Project Title
Mia	A	1	3	See and Respond: AI-Driven Gesture Control with Multi-Camera Streaming for Spot
Jack	B	1	112	Comparing Deep Learning Architectures for Soybean Canopy LAI Prediction Using UAV-Derived Point Clouds
Collin	C	1	4	Wave Velocities.of Anisotropic Steel Materials
Olivia	F	1	5	Narrative Form and Female Self-Invention in Elif Batuman's <i>The Idiot</i>
LiangJun	H	1	1	Monte Carlo Comparison of Tb-161 and Lu-177
Jacob	H	1	53	Characterization of ASAT Enzymes in the Solanaceae Family
Samuel	H	1	2	Chrono Cards: An Application of Interactive Multiplayer Game Design
Jasper	H	1	2	Chrono Cards: An Application of Interactive Multiplayer Game Design
Isaac	L	1	49	Perceptions of Diversity in University Marketing
Mary	M	1	47	Marketing Mental Health Services to Low SES College Students
Megan	R	1	69	Wild Genes, Key Traits: Genetic Mapping of Seed Protein and Oil QTL in Glycine soja
Elisa	S	1	77	Polyhydroxyalkanoates as Biodegradable Plastics from Food-Waste Derived Carbon Streams
Jose	T	1	66	Campus Tour Guide of the Future: Combining Waypoint Navigation and Large Language Models
ibrahim	T	1	67	to automate circuit generation
Faith	W	1	126	How do we raise adult vaccination rates in MO?
Borui	Z	1	68	MuSite: A deep-learning framework for protein post-translational modification site prediction

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Madina	B	2	66	The Relativism of Absolute Judgments
Samantha	B	2	117	Downbeat to Dance Floor: A Custom Motion Framework for Humanoid Robot Musical Performance
Brinley	B	2	51	Understanding Sexual Consent and Intimacy in Individuals with Dementia
Landon	C	2	95	Assessment of RANS Transition Models for Hypersonic Boundary-Layer Transition
Bryce	C	2	5	The Nation of Islam and Their Views on Black Empowerment Movements of the 1960s-70s
Grace	C	2	1	Synbiotic Development for Improved Stability and Targeted Delivery
Alondra	C	2	105	Colonel Corn: Creating a Robotics Planter for Geneticists
Carter	C	2	121	Energy Efficiency Improvement of HVAC Systems Through Subcritical Cooling Using Radiative Cooling
Michaela	D	2	119	EMS-driven mutagenesis and growth optimization of UTEX 3222 Cyanobacteria as an engineerable chassis
Aidan	E	2	64	Laser Induced Graphene 3D Printing Optimization
Jackson	E	2	2	Geometry-induced heat transfer enhancement in two-phase microchannels
Julian	F	2	111	Shortest Path Planning Under Turn-Radius Constraints
Joseph	F	2	3	From Prompts to Prognosis: Investigating LLMs in Cancer Survival Analysis
Jonas	F	2	79	A Non-invasive Approach to Blood Pressure Monitoring for Horses and Humans
Jose	G	2	67	Epidemiological Transitional In Sanatoriums and Statewide Institutions

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Parker	G	2	123	Enhanced Compressible RANS Turbulence Modeling for Hypersonic Flows: Implementation and Validation in OpenFOAM
Daniel	H	2	4	Combining Eye-Tracking and Facial Expression Analysis to Assess Human Cognitive State
Josef	H	2	77	3D Printing of Low-Cost Encapsulated Probiotics Products with Enhanced Bioavailability and Functionality
Em	H	2	113	Soft Bioionic Transistors for Real Time Monitoring of Cellular Ionic Activities and Stress Responses
Sophie	H	2	107	The Sound of Stress: Environmental Decline and Group Signaling in <i>Tylopelta gibbera</i>
Akbarjon	K	2	126	Reasoning-Centered AI: Exploring and Advancing Solvers for the ARC Benchmark
Mitchell	K	2	68	Effects of social evaluation stress on creativity in younger adults with anxiety
Madeline	K	2	99	Blood pressure diagram changes for patients with various grades of hypertension and obesity
Emma	K	2	47	Connections to Coastal Landscapes: Cultural Ecosystem Services Reported by Volunteers in an Estuarine Reserve
Maddy	L	2	97	Automatic Oxygen Control Device for Premature Infants
Harper	L	2	87	Advancing Energy-Efficient CO <sub>2</sub> Vapor Compression Cooling Systems
Kenechukwu	M	2	93	Architecting Trust: The Feasibility of Fine-Tuned LLMs in Critical Software Security
Ava	O	2	49	Literature Review: Chamber Music in Schools
Jillian	O	2	53	Essential Amino Acid Dependency in HUVEC Inflammation
Michael	P	2	115	Depth Estimation of Subsurface Objects

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Jazmin	R	2	103	Carbon Nanostructure Growth on Metal Substrates for Nanoscale Device Applications
Aydan	R	2	123	Enhanced Compressible RANS Turbulence Modeling for Hypersonic Flows: Implementation and Validation in OpenFOAM
Shaistah	S	2	91	AI-Enhanced Nanopore Sensing for Rapid Salmonella Detection in Food Samples
Matthew	S	2	109	Comparison of Thermal Properties Between Additively Manufactured and Wrought 316L Stainless Steel
Ryan	T	2	81	Acoustic Velocity Analysis of Anisotropic Structural Steels
Kathryn	W	2	69	Exploring Clinical Connection Between Myotonic Dystrophy Type 1 and Primary Hypogonadism Using Mouse Models
Amanda	A	3	33	Developing and Optimizing a Fluorescence Approach to Measure Catecholamines Released from Adrenal Chromaffin Cells
Acadia	B	3	74	Optimization of Oxygen Tension for Primordial Germ Cell In Vitro Culture
Tyler	B	3	89	Leveraging Aqueous-Aqueous Phase Separation for Micro-Domain Control in Embedded 3D Printing Support Baths
Claire	B	3	94	Understanding the Activity of Nucleotide Exchange Factors and J-Domain Proteins in Tau Ubiquitination
Nathan	B	3	93	Maximizing Electrocatalytic Stability using Nanocoatings
Dhanya	B	3	99	Parameter-Efficient Fine-Tuning Workflows for Single-Cell RNA-Seq Analysis
Jennifer	B	3	78	Regulation of $\beta$ -Barrel Outer Membrane Protein Expression in <i>Agrobacterium tumefaciens</i>
Cole	B	3	84	Structural Characterization of IcmSW Binding Sites in <i>Legionella pneumophila</i>
Rogan	C	3	113	Data Analysis for Augmented Reality to Improve Human-Machine Interaction

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Sam	C	3	107	Quantum-Accelerated Stochastic Power Flow Analysis in Modern Power Grid
Rex	C	3	29	Decoding Temporal Host Signals Driving PAO1 Virulence Using Bioreporters
Anna	C	3	98	Aroma Differences in Norton and Noiret Wines: A Comparative Study of Volatile Profiles
Audrey	C	3	90	The Role of IgCAMs SYNCAM and L1CAM in Vertebrate Epithelial Paracellular Barrier Integrity and Permeability
Thomas	C	3	15	Binding of Radiopharmaceutical for Prostate Cancer Diagnostics and Treatment
Cole	C	3	60	Innervation of Pharyngeal Arch Muscles in Zebrafish and Chameleon Embryos
Andrew	C	3	103	Predicting High-Gamma Burst Onsets in Rodent Hippocampal LFP
Max	C	3	45	Evaluating Decline in Post Oak Through Vessel Size Analysis
Abel	C	3	23	Cloning in <i>Pseudomonas</i> and <i>Ralstonia</i>
Audrey	D	3	49	Exploring the Effect of Personality on Maternal Care in <i>Umbonia Crassicornis</i> Treehoppers
Aidan	D	3	80	Seasonal Variation in the Bacterial Microbiome of Questing Ticks in Missouri
Emily	D	3	58	Index of biotic integrity for Missouri streams
Blake	D	3	95	Measuring Physical Demand in Augmented Reality Using Motion Capture
Hannah	E	3	111	Condensed Layer Deposition of Metal Oxide Nanocoatings
Allison	F	3	109	Redox Regulation of Metabolic Activity in <i>Pseudomonas putida</i> and Implications for Bioremediation

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Ava	F	3	51	Fluorescent assessment of calcium fluxes in mouse atrial myocytes
Alaina	F	3	86	The Evolution of Fitness Related Traits under High Temperature in <i>Drosophila melanogaster</i> Populations
Karina	F	3	27	Comparative Infectivity of H3N2 and H1N1: Integrating Plaque Assays and qRT-PCR in MDCK Cells
Meghan	F	3	47	Evaluation of non-canonical proteases for alternative proteomic digestion strategies
Diego	G	3	91	LLM-Enhanced Stock Market Prediction
Olivia	G	3	88	The fish community of Hinkson Creek: Insights from an urban waterway
Tyler	G	3	97	Multi-Class Malware Classification Using Machine Learning Techniques
Olin	G	3	82	Splicing-dependent trafficking of Prosaposin isoforms regulate secretory content
Lihi	H	3	62	Is it Bull?
Genevieve	H	3	117	Wave Interference in Anisotropic Steels
Alyvia	H	3	13	Bacteriophage Effectiveness Against <i>Ralstonia</i> Infection in Crop Plants
Hayden	H	3	96	What Comes Next for Hinkson Woods? Regeneration in an Uncertain Future
Sophie	J	3	25	Co-cultivation of microalgae and white rot fungus for the treatment of wastewater pollutants.
Ryan	J	3	77	Gaze-Based Analysis of Team Dynamics in Trauma Simulation Environments
Isabella	K	3	66	Worth County Missouri's Epidemiological Shifts 1910-1970

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Krishna	K	3	101	Smart Irrigation System for Specialty Crop Production at South Farm
Varsha	K	3	43	FASTAptameR 3.0
Jedidiah	L	3	115	Utilizing AI Towards the Development of PCBs
Alexander	L	3	92	AI for Image Data Preprocessing
Pauly	L	3	72	Municipality Regulations and Their Impacts Upon Pollinators
Kate	L	3	17	Blood Lactate Clearance is Positively Associated with Post-Exercise Neurovascular Coupling
Victoria	M	3	2	Mechanical Property Evaluation of 3D Printed PVA-MA Hydrogels
Daniel	M	3	64	Mammal community of Hinkson Woods Conservation Area
Manisha	M	3	9	Behaviors Associated With miRNA as a Potential Mediator in Maternal/Fetal Interaction in Neurodevelopmental Disorders
Delaney	N	3	53	Identification of Genes Essential for Symbiotic Nitrogen Fixation in Glycine max
Drake	O	3	21	Characterizing follicle loss in a Pten mutant murine primary ovarian insufficiency model
Paige	P	3	11	Age modifies the vascular response to $\alpha$ -adrenergic receptor agonism in females
Thomas	P	3	85	Impact of Falling Debris in Structural Collapse Progression
Seth	P	3	5	Worlds of Meaning: Indigenous Ecologies and Radical Displacement in Science Fiction
Cole	P	3	3	Multi-Camera Inspection Automation Using the Boston Dynamics Spot Robot Platform
Nate	R	3	117	Wave interference in anisotropic steels

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Casper	S	3	35	Discovery of Genomic Structural Variation in Canine Epilepsy
Oliver	S	3	4	Building the Structural Database for AI-guided physics based modeling of the ribosome, Ås 30S sub-unit
Amelia	S	3	70	Mining Fungal Diversity for Superior PAH and PCB Bioremediation
Jillian	S	3	55	Identifying Bacteria Associated with Ammonia Levels in Laboratory Mouse Bedding
Jokiah	S	3	85	Impact of Falling Debris in Structural Collapse Progression
Sarah	S	3	39	Effect of High Protein Intake on Endothelial Function
Charlotte	S	3	76	Preliminary Investigation: Are PVC Plastics Safe for Use in Hydroponic Agriculture?
Archer	S	3	31	Defining the Role of Novel Protein SAUSA300_1008 in Staphylococcus aureus
Bradley	T	3	79	GenAI in Nuclear Power Plants
Ajay	T	3	37	Does DHA rescue brain volume enlargements in a prenatal stress-associated ASD mouse model?
Brett	T	3	119	Wearable Bioelectronics for Multiplexed Monitoring and On-demand Treatment of Infected Chronic Wounds
Vy	V	3	7	An exploratory study of healthcare seeking practices and access to healthcare among international students with children under the age of five in Missouri.
Hannah	W	3	41	Eliminating iNOS improved cognitive performance and cerebral blood flow in an Alzheimer mouse model
Sally	W	3	96	What Comes Next for Hinkson Woods? Regeneration in an Uncertain Future
Matthew	W	3	87	CaO Hydration for Thermochemical Energy Storage (TCES) High-Temperature Reactor System

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Derek	Y	3	105	Process Modeling and Sustainability Assessment of an Upscaled Acid Whey with Millet Powder Product
Kyler	Z	3	81	Gene Inference using Machine Learning
Madeline	B	Oral	2:05	Quantifying Applied Behavior Analysis Treatment Interest Surveyed in Families of Down Syndrome Patients in Mid-Missouri
Emily	B	Oral	2:15	Testing Moderated Mediation Model of Work-Family Conflict, Work Satisfaction, Multiple Role Self-Efficacy, & Work Incivility
Andrew	C	Oral	2:55	Development and Evaluation of a Virtual Reality Training Program for Cleanroom Fabrication
Raquel	F	Oral	3:45	Artificial Neural Networks to Mimic Learning and Memory in Primate Brains for Working Memory Task
Owen	F	Oral	2:35	AnalogDSL: An Intent-Centric Intermediate Representation for LLM-Driven Analog Layout
Sophia	I	Oral	4:15	The Transylvanian cat: genomic development of a cat breed indigenous to the Carpathian region
Thomas	K	Oral	4:05	Organic Transistors for Neuromorphic Applications
Riley	P	Oral	2:55	A Mixed-Integer Programming Model for Deterministic Unit Commitment
Varshith	P	Oral	3:55	Trend and Time-frequency analysis of Environmental Time Series using Wavelet Transform Methods