



**Welcome to the University Research Committee's
4th Annual Faculty and Staff Research Symposium**

Date: Friday, June 6th, 2025

Time: 1:00-4:00pm

Location: Boivin Hall-Klamath Falls

Room 106-Portland Metro
and Virtually via ZOOM

Oral Presentation Sessions #1 & #2 Run Concurrently 1:00-2:15pm		
	College of ETM Presentations	College of HAS Presentations
Time	Session #1 Portland Metro: Room 106 Klamath Falls: Boivin Room 101 Facilitator: Jintai Wang ZOOM link: https://oregontechonline.zoom.us/j/96011908273	Session #2 Portland Metro: Use Zoom Link Klamath Falls: Boivin Room 108 Facilitator: Nate Bickford ZOOM link: https://oregontechonline.zoom.us/j/93632350985
1:00	Phong Nguyen (Computer Systems Engineering Technology) Title: Research Projects Derived from CSET PM Band	Nate Bickford (Natural Science) Title: Prey Avoidance behaviors in warm cute fuzzies
1:15	Meng-Lun Lee (Manufacturing & Mechanical Engineering Technology) Title: Optimizing University Course Scheduling to Minimize Resource Conflicts: An Optimization-Based Approach	David Grossnickle (Natural Science) Title: The Tufts-Love T. rex: from discovery to museum
1:30	Ryan Cherrick (Management) Title: The Distribution of Multiple Intelligence Profiles in Law Enforcement Leadership	Franny Howes (Communication) Title: Yoshihiko Is Real: A Case Study of the Rhetoric of Professional Wrestling
1:45	Ganghee Jang (Computer Systems Engineering Technology) Title: From data collection to algorithms – case studies with Air quality monitoring and Solar panel cleaning system	Ben Bunting (Humanities and Social Sciences) Title: "Circle Thinking" In Research and In The Classroom: A Sabbatical Retrospective
2:00	Stefan Andrei & Ganghee Jang (Computer Systems Engineering Technology) Title: Investigation of protective covers for solar panels and maintenance controller alike resistant to space elements powering satellites and other engine-based systems from the Earth Orbit and beyond	Dawn Bailey (Humanities and Social Sciences) Title: A Pilot Program to Evaluate the Impact of Precision Teaching and Direct Instruction on the Reading and Math Performance of Low-income Students

Poster Session & Reception Time: 2:15-4:00pm

	Poster Presenters
Klamath Falls Reception & Poster Session Boivin Common Area	London Argyle & Keeley Bryant (Humanities and Social Sciences) Title: Analysis of Caseworker Identified Goals for Reunification and Goal Achievement
	Sonja H. Bickford & Ruth Claire Black (Management) Title: Exploring the Preferences for Study Abroad at a Regional Campus
	Trevor Petersen and Keeley Bryant (Humanities and Social Sciences) Application of Positive Psychology Principles in a Department of Human Services Life Skills Coaching Program
	Robyn Wilde (Natural Sciences) Title: Dissociative positronium attachment in halogen gases
	Ken Usher & Kamal Gandhi (Natural Sciences) Title: Analysis of cyanobacteria growth in Upper Klamath Lake over two summers: a RUI project with local impact.
	Alissa Whiteley (Mathematics) Title: Modeling Greening Using an Agent-Based Model
	Yuehai Yang (Natural Sciences) Title: The Role of Representational Gestures in Sensemaking
	Kamalamalini Nagasundaram (Management) Title: MoodSync: An AI-Powered Mental Health Companion for Mood Detection and Well-Being Enhancement
	Kyle Chapman (Humanities and Social Sciences) Title: Mental Health Symptoms, Stressors, and Coping: An Exploration of First Responder Experiences Working in Rural, Suburban, and Urban Areas
	Travis Owen (Natural Sciences) Title: Investigating Water Quality Parameters: Getting a Handle on the State of Water in the Klamath Basin
Portland-Metro Reception Room 120	Ashley Iliff (Physical Therapy) Title: Electrical Dry Needling as an Adjunct to Eccentric Exercise, Stretching and Manual Therapy for Mid-portion Achilles Tendinopathy: A Multicenter Randomized Clinical Trial
	Charles (CJ) Riley (Civil Engineering) & Christopher Syrnyk (Office of the Provost) Title: Exploring Generative AI Assistance for Engineering Lab Report Assessment
	David Grossnickle (Natural Sciences) Title: Did the extinction of dinosaurs trigger the ecological diversification of mammals?
Reception compliments of President Nagi & Interim Provost El-Rewini	Breanne Fletcher-Hardy, Richard Beuttler, Marybeth Grant-Beuttler (Physical Therapy) Title: Examining differences in motor sensory processing between Idiopathic Toe Walkers with and without Developmental Coordination Disorder

Thank you for attending!