



**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 | | |
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| | 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 |
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| 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!