



**Welcome to the University Research Committee's  
5<sup>th</sup> Annual Faculty and Staff Research Symposium**

Date: Friday, June 5<sup>th</sup>, 2026

Time: 1:00–4:00 PM

Location: Klamath Falls (Boivin Hall), Portland Metro (124),  
and Virtually via ZOOM

<b>Oral Presentation Sessions #1 &amp; #2 Run Concurrently 1:00–2:00 PM</b>		
	<b>College of ETM Presentations</b>	<b>College of HAS Presentations</b>
Time	<b>Session #1</b> Klamath Falls: Boivin Room 101 Portland Metro: Use Zoom Link Facilitator: Jintai Wang ZOOM link: <a href="https://oregonteconline.zoom.us/j/2855324778">https://oregonteconline.zoom.us/j/2855324778</a>	<b>Session #2</b> Klamath Falls: Boivin Room 108 Portland Metro: Use Zoom Link Facilitator: Rachel Edwards ZOOM link: <a href="https://oregonteconline.zoom.us/j/97645867918">https://oregonteconline.zoom.us/j/97645867918</a>
1:00	<b>Ganghee Jang (Computer Systems Engineering Technology) &amp; Jherime Kellermann (Natural Science)</b> Image Analysis Methodologies for the Measurement of Climate Change – Air Quality Monitoring and Snow Cover Change Tracking	<b>Darlene Swigart (Dental Hygiene) and Andrea McCracken (Communication)</b> Integrating Social Determinants of Health Screening in Student Dental Hygiene Clinical Practice
1:20	<b>Shawn Duan (Manufacturing &amp; Mechanical Engineering Technology)</b> Study on Good and Bad Whole-Body Vibrations via Multibody Dynamics Approaches	<b>David Grossnickle (Natural Sciences)</b> What is a Mammal? Insights from Recent Fossil Discoveries
1:40	<b>Meng-Lun Lee (Manufacturing &amp; Mechanical Engineering Technology)</b> From Toolbox to Robot Arm: A Collect-and-Build Pathway for Hands-On Learning	<b>Kari Lundgren (Communication)</b> Rhetoric, not AI: How Incorporating Rhetorical Principles into Policy-Writing Empowers Audiences and Communicators

**Klamath Falls (Boivin Hall) Poster Session & Reception Time: 2:00–4:00 PM**

<b>Bing Yuan (Natural Science) and Laurence Yeung</b> Oxygen Isotopes Fractionation during Plant Photosynthesis at Different Light Intensities
<b>Jeannie Bopp (Dental Hygiene)</b> Does Humanitarian Learning Opportunities Impact Understanding of Cultural Competency and Global Health Disparities
<b>Dawn Bailey (Humanities and Social Sciences), Julie Koudys (Brock University), &amp; Amanpreet Randhawa (Brock University)</b> Training Graduate Students & Behavior Technicians to Become PECSperts
<b>Ed Clint (Humanities and Social Sciences)</b> Can Dark Souls Help Treat Depression?
<b>Praveen Kumar Guraja &amp; Manish Nalluri (Applied Computing &amp; Geomatics)</b> The Role of AI-Driven Micro-Credentials in Transforming Higher Education
<b>Su Jin Lee (Applied Computing &amp; Geomatics)</b> Traditional and Machine Learning/AI Classification in UAS Imagery
<b>Tarun Preetham Bulla (Applied Computing &amp; Geomatics)</b> Beyond the Checklist: Rethinking AI-Assisted Assessment in Cybersecurity Education

<p align="center"><b>Keerthi Andukuri (Business Management)</b> Beyond the Grade: Cognitive Profiling in Higher Education</p>
<p align="center"><b>Jintai Wang, CJ Riley, &amp; Ashton Greer (Civil Engineering)</b> Lower-Carbon Concrete with the Use of Mt. Mazama Volcanic Ash</p>
<p align="center"><b>Xin Sheng (Communication)</b> Learning Before it's too Late: An Examination of Uses and Gratifications in the Miami Herald's Newspaper Coverage of the Miami Condominium Collapse</p>
<p align="center"><b>Stacie Neely (Dental Hygiene)</b> Reducing Stress and Burnout among Dental Hygiene Students</p>
<p align="center"><b>Lyuang Xu (Electrical Engineering and Renewable Energy) &amp; Yurui Gao (Vanderbilt)</b> White-Matter BOLD Mediates Time-Varying Cortico-Cortical Functional Connectivity</p>
<p align="center"><b>Kevin C. Garrett (Humanities and Social Sciences) &amp; Rebecca Petersen</b> Community Family Focus Initiative: The Effects of Regular Distraction-free Family Meals</p>
<p align="center"><b>Andrea Fink-Armold (Humanities and Social Sciences)</b> Increasing Student Engagement and Application Through Peer-Generated Concept Examples</p>
<p align="center"><b>Marian Packer (Medical Imaging Technology)</b> Beyond Multiple Choice: AI Dialogue as a Learning Tool in Medical Imaging Education</p>
<p align="center"><b>Rachel Edwards (Natural Science) &amp; Dulce Hernandez</b> Paper-Based Approach to the Detection of Serotonin</p>
<p align="center"><b>Amanda Chastain (Humanities and Social Sciences)</b> Starting Small to Solve Social Problems: Evaluating the Effects of Social Feedback and Social Categorization on Resource Allocation</p>

**Portland Metro (124) Poster Session & Reception Time: 2:00–4:00 PM**

<p align="center"><b>Kamalalalini Nagasundaram (Applied Computing &amp; Geomatics)</b> Free Reliable AI for Every Student: Measuring AI Consistency so Every Student Gets Answers They Can Actually Rely on</p>
<p align="center"><b>Shruti Singh (Electrical Engineering and Renewable Energy)</b> Integrating AI into Engineering Education: Engineering Standards, Ethics, and Professional Practice</p>
<p align="center"><b>Caroline Doty, Laurie Sprauer, &amp; Rachelle Barrett (Medical Laboratory Science)</b> Transgender Health Education Within MLS/MLT Programs in the US: A Pilot Study</p>
<p align="center"><b>Phil Geng &amp; Wangping Sun (Manufacturing, Mechanical Engineering, and Technology)</b> MMET Orientation and Bridge Contest on Portland-Metro Campus</p>

*Reception compliments of President Nagi  
& Interim Provost El-Rewini*

*Thank you for attending!*