

# Welcome to the University Research Committee's 2<sup>nd</sup> Annual Faculty & Staff Research Symposium

## Program Schedule

Event, Location & Time	Presenters and Title of Presentation
<p>2:00-2:50 Title: OER Lightning Talks Facilitator: Kristin Whitman</p> <p>CEET Auditorium Lower Level Room 121</p>	<p><b>Amber Lancaster and Markie Scheidegger</b> Dollars and Sense: Perceptions of OER</p> <p><b>Sharon Beaudry and Vicki Crooks</b> Equity &amp; OER: Beyond Savings Students \$\$</p> <p><b>Chris Hamper (PM)</b> Transforming emergency medical technician education through open resources</p> <p><b>Derrick Speaks (PM)</b> Open textbook adoption projects in mechanical engineering</p> <p><b>Q &amp; A</b></p>
<p>3:00-3:30 Introduction to the Research Centers at Oregon Tech Facilitator: Kyle Chapman</p> <p>CEET Auditorium Lower Level Room 121</p>	<p><b>Arief Budiman:</b> OREC (Oregon Renewable Energy Center)</p> <p><b>Kyle Chapman:</b> AIRE Center (Advancing Interdisciplinary Research on the Environment)</p>
<p>3:30-3:50 Introduction to the Workload Reallocation Process Facilitator: Kyle Chapman</p> <p>CEET Auditorium Lower Level Room 121</p>	<p><b>Kyle Chapman:</b> Review Workload Reallocation Process</p> <p><b>Q &amp; A</b></p>
<b>Sessions 1, 2, &amp; 3 of Oral Presentations Run Concurrently from 4:00-5:30</b>	
<p><b>Session #1</b> Facilitator: Yuehai Yang</p> <p>CEET 224</p>	<p><b>Rebeka Vocum (Civil Engineering)</b> Title: "Investigating the Effect of County-Level, Wealth-Related Indicator Variables on Crash Severity in Pennsylvania"</p>
	<p><b>Marybeth Grant-Beuttler (Physical therapy)</b> Title: "Idiopathic Toe Walking: How Can Physical Therapists Address this Diagnosis"</p>
	<p><b>Ben Bunting (HUM)</b> Title: "Languages of Power, Languages of Protest: Exploring the Rhetorics of Game Maps"</p>
	<p><b>Dawn Bailey &amp; Krista Beaty (HUM &amp; Dental Hygiene)</b> Title: "Increasing Tolerance of Dental Visits for Children with ASD Utilizing Desensitization and Communication Training"</p>
	<p><b>Kevin Brown, Vanessa Bennett, Terri Torres (COM, MIT &amp; MATH)</b> Title: "Masking Communication: An Examination of Masks and Health Care"</p>
<b>Q &amp; A</b>	

<b>Session #2</b> Facilitator: Tim Pasang  CEET 226	<b>Kerry Farris (Natural Sciences)</b> Title: “Moore Park as an Outdoor Laboratory for Undergraduate Research”	
	<b>Nate Bickford (Natural Sciences)</b> Title: “What Greens Give Thumper Long Ears and Big Feet, Understanding the Influence of Vegetation on Space Use of Desert Cottontails”	
	<b>Christy VanRooyen &amp; Terri Torres (Natural Sciences &amp; Math)</b> Title: “Pollinator Research at Oregon Tech”	
	<b>Jintai Wang &amp; Carter Wilson (Civil Engineering)</b> Title: “Undrained Deformation and Liquefaction Potential of Diatomaceous Soil under Cyclic Stresses”	
	<b>Tim Pasang (MMET)</b> Title: “Additive Manufacturing at Oregon Tech”	
	<b>Q &amp; A</b>	
<b>Session #3</b> Facilitator: Sonja Bickford  CEET 250	<b>Sharon Baudry, Kristy Weidman, &amp; Sonja Bickford (Management)</b> Title: “Building, Teaching, and Learning in a Classroom of the Future: How Oregon Tech’s Entrepreneurial Center Drives Innovation”	
	<b>Madhusudan Singh (Management)</b> Title: “Healthcare 4.0: Blockchain Enabled IoT Devices for Medication Management System”	
	<b>Hallie Neupert (Management)</b> Title: “Connecting the Dots: Oregon Tech's I&E Ecosystem”	
	<b>Tariq Masood (EERE), Syed Umer Abdi, and Muhammad Anus Masood</b> Title: “TCSC Prototype Device Design and Configuration Technique to Control and Mitigate Loop Flow, and Bottlenecks in the Complex Power System Network to Prevent Possible Major Blackout”	
	<b>Rishikesh Sahay (Management)</b> Title: “CyberShip-IoT: A Dynamic and Adaptive SDN-based Security Policy Enforcement Framework for Ships”	
	<b>Q &amp; A</b>	
<b>Poster Session &amp; Reception 5:30-7:00</b>		
<b>CEET Upper Common Area</b>  Reception compliments of Dr. Nagi and Dr. Mott	<b>Poster Presenters</b>	
	Sonja Bickford, Nate Bickford, Kristy Weidman	Stacie Neely
	Sonja Bickford, Hallie Neupert, Nate Bickford	Kimberly Pratt
	Arief Budiman	Riley Richards
	Ashley Hansen	Madhusudan Singh
	Jesse Kinder	Zoe Smiley
	Kari Lundgren	Filip Trier, Claire Wilson, William Soriano,
	Tariq Masood	Yuehai Yang
	Lee Mitchell	Robyn Wilde

**Thank you for attending!**