

## 2015 ORMATYC Conference Program

Thursday	Balboa (1 <sup>st</sup> floor)	Cortez (1 <sup>st</sup> floor)	El Toro III (4 <sup>th</sup> floor)	Suite 620 (6 <sup>th</sup> floor)	Suite 621 (6 <sup>th</sup> floor)
6:00–7:15pm	Registration – El Toro I				
7:30–8:30pm	<b>Opening Speaker</b> <b>Gary Rockswold</b> <b>Minnesota State University, Mankato</b> <b><i>Math in Pop Culture</i></b>				
8:30–11:00pm				Hosted Social <i>Brittney Merriman</i> <i>Cengage Learning</i> <i>Maureen Rachford</i> <i>Pearson Education</i>	
<b>Friday</b>					
7:30–8:45am	Breakfast Buffet – Dining Room (10 <sup>th</sup> floor) Registration – El Toro I				
9:00–10:00am	<u><i>Math Literacy: A New Pathway for Non-STEM Majors</i></u> Kathleen Almy Rock Valley College	<u><i>Teaching Intro Stats Using Randomization</i></u> Robert Hauss MHCC	<u><i>Precalculus for the Modern Age</i></u> Mike Price University of Oregon	<u><i>Analytical Assets in Mechanical Engineering: Lagrange's Equations of Motion</i></u> Jeffrey Hayen OIT	<u><i>AMATYC Project ACCESS</i></u> Jessica Bernards and Stephanie Yurasits PCC
10:00–10:30am	Break – Hosted refreshments, sponsored by John Wiley & Sons Joanna Dingle — El Toro I				
10:30–11:30am	<u><i>Continuing the non-STEM Track With Quantitative Reasoning</i></u> Dave Sobecki Miami University Hamilton	<u><i>How do you know your parabola is parabola? Physics and Parabolas</i></u> Ahmad Rajabzadeh Lane Community College	<u><i>Regression Analysis: Theory and modern application</i></u> Joseph Reid OIT	<u><i>Hanging out with scientists and engineers: What I am learning about mathematics</i></u> Ann Sitomer Oregon State University	<u><i>Math Clubs Discussion</i></u> Jessica Giglio Central Oregon Community College
Noon–1:30pm	Lunch Buffet—El Toro				
1:30–2:30pm	<u><i>A mathematically rich alternative to Math 95: come see how RCC's spring pilot math 98 course is working.</i></u> Doug Gardner Rogue CC	<u><i>Using Simulation to Develop Understanding in Introductory Statistics</i></u> George Woodbury College of the Sequoias	<u><i>Crafting tactile visual aids for undergraduate mathematics</i></u> David Hammond OIT Wilsonville	<u><i>Open Source Mathematics Textbooks</i></u> Robert Beezer University of Puget Sound and Alex Jordan PCC	<u><i>What Can Non-Math Disciplines Teach Us about Essential Math Skills?</i></u> Lisa Reynolds CCWD, Karen Sprague University of Oregon, Kathie Hledik Lane Community College
2:30–3:00pm	Break				
3:00–4:00pm	<u><i>Mathematics and the Human Experience</i></u> Gary Rockswold Minnesota State University, Mankato	<u><i>Math 98 Roundtable: How are the Pilot Projects Going?</i></u> Ben Hill Lane Community College	<u><i>The History of some numbers</i></u> Jim Ballard OIT	Leave blank Set up for social	<u><i>Looking for math reform options that are not emporium?</i></u> Dawn Draus and Terri Skeie Lower Columbia College
4:00–6:30pm				Hosted Social <i>Dan Ly</i> <i>McGraw-Hill Education</i> <i>Robyn Burnett</i> <i>WH Freeman</i>	

<b>Saturday</b>	<b>Balboa (1<sup>st</sup> floor)</b>	<b>Cortez (1<sup>st</sup> floor)</b>	<b>El Toro III (4<sup>th</sup> floor)</b>	<b>Suite 620 (6<sup>th</sup> floor)</b>	<b>Suite 621 (6<sup>th</sup> floor)</b>
7:30–8:50am	Breakfast Buffet – El Toro ORMATYC General Business Meeting: 8:00am – El Toro				
9:00–10:00am	<u>Teaching a Path-to-Stats Course: Propelling Non-STEM Students Forward</u> Jay Lehmann College of San Mateo	<u>PASS: Placement Advising for Student Success</u> Carrie Kyser Clackamas Community College	<u>Math Literacy Demo</u> Jeff Lacks, Jon Wherry and Sonya Redmond PCC	<u>Computational Exercises and Technical Reports in Undergraduate Mathematics</u> Tiernan Fogarty OIT	<u>If Experimental Design is So Easy, Why Did It Take So Long?</u> Terri Torres – OIT
10:00–10:30am	Break – Hosted Refreshments sponsored by Hawkes Learning Systems, Jennifer Moore and Cade Shelley – El Toro I				
10:30–11:30am	<u>Building a Better Test</u> George Harpham Klamath Community College	<u>Effective Classroom Use of Online Open Source Materials</u> Rachel Webb Portland State University	<u>The Challenges of Math Literacy</u> Virginia Somes, Marie Carver and Emiliano Vega PCC	<u>Ways to make Linear Algebra interesting in the classroom: A look at various applications of Linear Algebra.</u> Dibyayoti Deb OIT	<u>Utilizing Magic Squares to Study Algebraic Structure</u> Bret Rickman PCC
Noon–2:00pm	<b>Lunch Buffet and Keynote Speaker – El Toro</b> <b>Deborah Hughes Hallett</b> <b>University of Arizona</b> <u><b>Globalization: Where in the World Are We?</b></u>				