Event Agenda

ORMATYC 2025

Thu, Apr 24, 2025

1:00 PM - 3:00 PM **Oregon Math Chairs Meeting**
Location: Officer's Mess
Coordinator: Amy Cakebread

4:30 PM - 5:30 PM **ORMATYC Executive Board Meeting**
Location: Georgie's

5:30 PM - 6:55 PM **Conference Registration and Check-In**
Location: Upper Lobby

7:05 PM - 8:00 PM **Data Science for All: Becoming a Better Citizen in a Data-Driven World**
Location: Salon
Speaker: Hunter Glanz

8:00 PM - 9:30 PM **Beach Bonfire and S'mores (Courtesy of Cengage)**
Location: Outside Georgie's

Fri, Apr 25, 2025

6:00 AM - 6:45 AM **Yoga**
Location: Sunset Gallery (Below Georgies)
Speaker: Eric Ziegler

7:15 AM - 8:45 AM **Breakfast**
Location: Salon

8:15 AM - 8:45 AM **Lumen Learning: Powerful tools that empower you and your students**
Location: Officer's Mess
Speaker: Kelly Wainwright

8:15 AM - 8:45 AM **Pearson -- Innovations in Math**
Location: Ward Room
Speaker: Lindsey Lyons

9:00 AM - 9:45 AM **Enhancing Student Mastery of Data Science Through Software Use**
Location: Salon North
Speaker: Hunter Glanz

9:00 AM - 9:45 AM **Exploring Intermediate Algebra Out of Academic Non-Credit**
Location: Salon South
Speakers: Amy Cakebread, Jonathan Wherry

9:00 AM - 9:45 AM **An Alternate Mathematics Pathway for Non-calculus Technical Majors**
Location: Officer's Mess
Speakers: Randall Paul, Ken Davis

9:00 AM - 9:45 AM **What is the Ideal Course Grading Scheme?**
Location: Ward Room
Speaker: Mike Price

9:45 AM - 10:30 AM **Refreshment Break (Courtesy of McGraw-Hill)**
Location: Lower Lobby

10:30 AM - 11:15 AM　　**The Math Behind How Retaining Walls Work … and sometimes don't!**
Location: Salon North
Speaker: Doug Gardner

10:30 AM - 11:15 AM　　**Math 108-Data Science Explorations: A New Course for Oregon**
Location: Salon South
Speakers: Kelly Mercer, Amy Lindahl, Rachel Webb

10:30 AM - 11:15 AM　　**Solving General Cubic and Quartic Equations (with a Connection!)**
Location: Officer's Mess
Speaker: Jeffrey Hayen

10:30 AM - 11:15 AM　　**Digit Permutation Without Apology**
Location: Ward Room
Speaker: Benjamin Holt

11:45 AM - 1:00 PM　　**Lunch**
Location: Salon

1:30 PM - 2:15 PM　　**Enhancing Your Teaching with AI: Tools and Strategies for Educators**
Location: Salon North
Speaker: Jessica Bernards

1:30 PM - 2:15 PM　　**Caught Red-Handed! Tackling Academic Dishonesty Without Losing it**
Location: Salon South
Speakers: Sara Williams, T Boyle

1:30 PM - 2:15 PM　　**Math in Society OER Updates: Tools for Decision Making and Culturally Responsive Features**
Location: Officer's Mess
Speakers: Cara Lee, Jess Brooks

1:30 PM - 2:15 PM　　**From Calculus to Proofs: Making the Leap Less Daunting**
Location: Ward Room
Speaker: Dibyajyoti Deb

2:15 PM - 3:00 PM　　**Refreshment Break**
Location: Lower Lobby

3:00 PM - 3:45 PM　　**Advancing AI in Math Education**
Location: Salon North
Speaker: Bret Rickman

3:00 PM - 3:45 PM　　**Leveraging Gradescope to Promote Engagement, Understanding, and Belonging**
Location: Salon South
Speakers: Samantha McGee, Liz Jones, Roger Roybal, Victory Obieke, Aracele Llarena, Angel Rodriguez

3:00 PM - 3:45 PM　　**Cribbage -- The "Magic 11" and Pegging Traps**
Location: Officer's Mess
Speaker: Jeff Crabill

3:00 PM - 3:45 PM　　**Fractal geometry and Julia sets for Newton's method on cubic polynomials**
Location: Ward Room
Speaker: David Hammond

4:00 PM - 5:00 PM　　**Cribbage Tournament**
Location: Officer's Mess
Organizer: Jeff Crabill

4:00 PM - 4:45 PM　　**Unwind with Mehndi (Henna): Where Math and Art Align**
Location: Ward Room
Henna Artist: Payal Roy

4:15 PM - 5:15 PM　　**Bird (Flu) Walk -- Get Inoculated by Nature!**
Location: Marine Hatfield Science Center
Guide: Garrett Gregor, Virginia Somes

4:15 PM - 4:45 PM	**Getting Beyond the Buzzwords of Textbook Affordability: Cengage Unlimited for Institutions** Location: Salon South Speaker: Jerri Norris

4:15 PM - 4:45 PM	**McGraw Hill -- ALEKS** Location: Salon North Speakers: Eric Ziegler, Tammy Louie

4:30 PM - 6:00 PM	**"Happy Hour" Mixer (Courtesy of Pearson)** Location: Downstairs Lobby

7:00 PM - 9:00 PM	**Board Games -- Bring Your Own** Location: Salon

Sat, Apr 26, 2025

7:30 AM - 8:45 AM	**Breakfast** Location: Salon

8:00 AM - 8:30 AM	**ORMATYC Business Meeting** Location: Salon

9:00 AM - 9:45 AM	**Perplexing P-adics** Location: Salon North Speaker: Karissa Lyda

9:00 AM - 9:45 AM	**Transforming Teaching and Learning: Fostering Departmental Discussions on Active Learning using the Vision and Transformation Catalyst Tool (VTCT)** Location: Salon South Speakers: Scot Pruyn, Ann Sitomer

9:00 AM - 9:45 AM	**Overcoming Challenges to a Quality Math-In-CTE approach** Location: Officer's Mess Speaker: Paula Thonney

9:00 AM - 9:45 AM	**Numpy Vectorization with Applications** Location: Ward Room Speaker: Jason Smith

9:45 AM - 10:30 AM	**Refreshment Break (Courtesy of McGraw-Hill)** Location: Lower Lobby

10:30 AM - 11:15 AM	**Empowering Students Through Math Modeling: Enhancing Engagement and Agency in Precalculus** Location: Salon North Speakers: Krista Hocker, Jay Gray, Connor Veit

10:30 AM - 11:15 AM	**Online & Remote Teaching - Best Practices** Location: Salon South Speaker: Bret Rickman

10:30 AM - 11:15 AM	**The Learning Assistant Model: Enabling Course Transformation to Incorporate Active Learning** Location: Officer's Mess Speaker: Samantha McGee

10:30 AM - 11:15 AM	**How many golf balls can fit into a bus?** Location: Ward Room Speaker: Jason Smith

11:30 AM - 12:30 PM	**Open Discussion -- Developmental Mathematics Policies in Oregon** Location: Salon North Speaker: Mary Middleton

12:00 PM - 1:00 PM   **ORMATYC Executive Board Meeting**
Location: Officer's Mess
Facilitator: Jeff Crabill