



UNIVERSITY OF OREGON COMMENCEMENT

EARTH SCIENCES

SUNDAY, JUNE 15, 2025

COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF EARTH SCIENCES

COMMENCEMENT CEREMONY

SUNDAY, JUNE 15, 2025 · 4:00 P.M.

156 STRAUB HALL

Welcome and Opening Remarks

Samantha Hopkins

Professor and Department Head

Student Address

Emma Giometti

Class of 2025

Keynote Speaker

Thomas Giachetti

Associate Professor

Presentation of Candidates

Marli Miller

Teaching Professor

Adjournment and Reception

DEGREE CANDIDATES

Note: Not an official degree list. Students listed are eligible to participate in the commencement ceremony at the time this program was printed.

Baccalaureate Candidates

Kali Shanice Bissanti
Sonya Helena Calendar
Josefina Ellen Cruz
Danielle Gayle Feagan
Shona M. Flake
Emma Dewitt Giometti
Ally Simone Ikehara
Bryce William Immke
Izzy Lim Kaplan
Karen Irene Keeley
Mackenzie Bailey Kohler
Tatum R. Mayo

Erin Louise Medler
Kaitlyn Skye Paulisich
Grace Trinity Payne
Ava R. Quinn
Ellie Erin Rietveld
Samuel Boucher Shapiro
Katherine G. Springer ⁶
Violet Love Turner
Sarah Ann Weber ^{1 4 5}
Ozma Van Ofen
Joshua Stuart Willson

¹ summa cum laude ² magna cum laude ³ cum laude ⁴ Phi Beta Kappa ⁵ Oregon Six ⁶ department honors

Master's Candidates

MaKayla Jahnja Etheredge

“Gas Mobility Patterns in Crystal Mush Analog Experiments”

Advisor: Josef Dufek, Gwen and Charles Lillis Chair and Professor, Earth Sciences

Margery Price

“High Surface Area of Small Pumice Heightens Filtration Efficacy: Successful Experimental Applications of Pumice as Column Filter Media for Synthetic Graywater”

Advisor: Thomas Giachetti, Associate Professor, Earth Sciences

Cascade Courtyard



Doctoral Candidates

Gui Guenther Aksit

“The Life Magmatic at Summer Coon”

Advisor: Meredith Townsend, Assistant Professor, Earth Sciences,
and Kathy Cashman, Research Professor, Earth Sciences

Monse Cascante

“Characteristics of Volcanic Ash and Its Relationship with Changes in
Fragmentation and Eruption Dynamics”

Advisor: Thomas Giachetti, Associate Professor, Earth Sciences

Lissie Connors

“Microanalytical Investigations of Magma Sources, Evolution, Storage, and Ascent
at Nyiragongo and Nyamulagira”

Advisor: Paul Wallace, Professor, Earth Sciences

Helena de Bastos Cruz Machado

“Understanding Paleospecies: Case Studies on an Oregon Oreodont and
Californian Horses”

Advisor: Edward Davis, Condon Fossil Collection Curator and Associate Professor,
Earth Sciences

Annika Elizabeth Dechert

“An Interdisciplinary Study of an Active Magma System: Integrating Geochemical
and Geophysical Datasets at the Three Sisters Volcanic Complex, OR, USA”

Advisor: Josef Dufek, Gwen and Charles Lillis Chair and Professor, Earth Sciences

Kevin Kortum Gardner

“Geometric Classification of Tidal and Fluvial Channel Planforms, and the
Paleopedology, Sedimentology, and Ichnology of the Pliocene San Regis Beds,
Central Baja California Peninsula, Mexico”

Advisor: Becky Dorsey, Professor, Earth Sciences

Kathryn Joyce Scholz

“Magmatic Processes Throughout the Crust: Deep Long-Period Earthquakes, Magma Chamber Evolution, and Topographic Influences on Shallow Dike Transport”

Advisor: Amanda Thomas, Professor, Earth Sciences,
and Meredith Townsend, Assistant Professor, Earth Sciences

Margarita M. Solares-Colón

“Modeling Moderate to Large Earthquakes: Applications in Source Characterization and Early Warning Systems”

Advisor: Diego Melgar, Ann and Lew Williams Chair and Associate Professor,
Earth Sciences

P.J. Hale Zrelak

“A First Principles Approach to Understanding Geophysical Flows”

Advisor: Josef Dufek, Gwen and Charles Lillis Chair and Professor, Earth Sciences

UNIVERSITY OF OREGON

John Karl Scholz, President

Christopher P. Long, Provost and Senior Vice President

Chris Poulsen, Tykeson Dean of Arts and Sciences

ALUMNI ASSOCIATION

To learn more about the UO Alumni Association,
visit **alumni.uoregon.edu**

HONORING NATIVE PEOPLES AND LANDS

The University of Oregon is located on Kalapuya Ilihi, the traditional indigenous homeland of the Kalapuya people. Following treaties between 1851 and 1855, Kalapuya people were dispossessed of their indigenous homeland by the United States government and forcibly removed to the Coast Reservation in Western Oregon. Today, descendants are citizens of the Confederated Tribes of the Grand Ronde Community of Oregon and the Confederated Tribes of the Siletz Indians of Oregon, and continue to make important contributions in their communities, at UO, and across the land we now refer to as Oregon.

We express our respect for all federally recognized tribal nations of Oregon. This includes the Burns Paiute Tribe; the Confederated Tribes of the Coos, Lower Umpqua and Siuslaw Indians; the Confederated Tribes of the Grand Ronde Community of Oregon; the Confederated Tribes of Siletz Indians of Oregon; the Confederated Tribes of the Umatilla Indian Reservation; the Confederated Tribes of Warm Springs; the Coquille Indian Tribe; the Cow Creek Band of Umpqua Tribe of Indians; and the Klamath Tribes. We also express our respect for all other displaced Indigenous peoples who call Oregon home.

