

# Geosciences Spring 2021 Capstones - *zoom presentations*

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**Thursday, May 20, 2021 from 4:00 - 6:30 pm**

Time	Presenter	Working title
4:05-4:25 Questions at 4:25-4:30	Will Sanders	Highstand and Drainage History of Pluvial Great Basin Lakes
	Vanessa Lanza	Fossil Preservation at Two Western Washington Localities
	Paloma Giossi	Sedimentation Rates of Ohanapecosh and Greater Mt. Rainier Area
	Sarah Seeman	A Climber's Guide to Hydrothermally Caused Debris Flow Hazard on Mt Rainier
4:30-4:50 Questions 4:50-4:55 Break until 5pm	Cheyenne Lombardi	Determining the relationship between hydrothermally-derived ions and electrical conductivity in the meltwater of Emmons Glacier, Mt. Rainier
	Bryce Flury	Exploring the Effects of Debris Mantles on Mt. Rainier Glaciers
	Henry Williams	Determining the Source of Debris on Emmons Glacier
	Baylee Fontana	What areas are of highest risk for glacial geologic hazard atop Mount Rainier?
5:00-5:20 Questions 5:20-5:25	Connor Kern	Determining which Washington State Cascade Volcano is the most risk for its surrounding population and predicting the best and worst case scenario in the event of a debris flow down one of its major drainages.
	Bryce Cassal	How Different Basaltic Lithologies Affect the Geothermal Gradient of Iceland's Hotspot
	Tyson Creekmur	Ground Movement Post Fire
	Mackenzie Anderson	Assessing Lithologic Susceptibility to Slippage of State Parks and Campgrounds Near and Within Landslide Complexes Along the Columbia River
5:25-5:45 Questions 5:45-5:50	Brian Welch	Orting WA Landslide Assessment
	Jonathan Brewster	Assessment of Landslide Risk Around Lake Crescent, WA
	Kate Tackett	Determining the role of Underlying Geologic Structure in the Evolution of Facets in Areas of Tectonic Contraction
	Emma Mickelson	Sedimentary Processes Comparison of the Nooksack River and Sol Duc River in Western Washington

Followed by celebration!

Celebration ends at 6:30pm