



# Spring 2024 Capstone Symposium, Day 2

TUESDAY, MAY 28 | FISHERIES LOBBY & AUDITORIUM

4:30 – 4:40PM ..... Welcome & Housekeeping

4:40 – 5:10PM ..... **Poster Highlights** & Refreshments

**Errol Funk: Snow Problem: How Forest Adaptation Strategies Can Mitigate the Effects of Warming Winters.** *Host Organization: NOAA Fisheries. Site Supervisor: Rowan Braybrook. UW Advisor: Martha Groom, School of Interdisciplinary Arts & Sciences, UW Bothell*

**Kayla Lay: Compostable Products: Breaking Down Barriers and Building up Solutions.** *Host Organization: Compost Manufacturing Alliance. Site Supervisors: Janet Thoman & Kari Rolnik. UW Advisor: Sally L. Brown, School of Environmental and Forest Sciences*

**Gracia Anderson: Why Should we Consider them a Stakeholder Group? Increasing Youth Engagement with Complex Waste Management Policies.** *Host Organization: Environment Washington. Site Supervisor: Pam Clough. UW Advisor: John Meyer, College of the Environment*

**Emily Muterspaugh: Modernizing Environmental Education: Integrating Telemetry Data into Academic Practices.** *Host Organization: NOAA National Marine Mammal Laboratory. Site Supervisor: Michelle Lander. UW Advisor: Erin Gilbert, Program on the Environment*

**Kitto Davison-Kunhardt: Tracking the Eco-Pulse, Community Environmental Awareness and Light Rail Development.** *Host Organization: Seattle Subway Foundation. Site Supervisor: Arthur Bachus. UW Advisor: Yen-Chu Weng, Program on the Environment*

**Abigayle Cariño: The Complexity of Inequity: Investigating Accessibility to Environmental Education Resources for Underrepresented Students.** *Host Organization: NOAA Fisheries. Site Supervisors: Katie Luxa, Lisa Hiruki-Raring, and Erin Moreland. UW Advisor: Lubna Alzaroo, Program on the Environment*

**Colin MacDonald: How Invasive Blackberry Affects Soil Conditions and the Implication for Ecological Restoration.** *Host Organization: City of Sammamish. Site Supervisor: Sebastian Ritacco. UW Advisor: Eli Wheat, Program on the Environment*

**Jacob Smith: What are We Wasting: A Deep Dive Analysis into Public Waste Receptacles and Waste Characterization.** *Host Organization: City of Renton Public Works Department. Site Supervisor: Meara Heubach. UW Advisor: Clare Ryan, School of Environmental and Forest Sciences*

**Taylor Clementz: Threatened Green Sturgeon: How Video Analysis Can Be Used to Quantify & Reduce Bycatch.** *Host Organization: NOAA Fisheries. Site Supervisor: Susan Wang. UW Advisor: Andre Punt, School of Aquatic and Fishery Sciences*



**Maya Smith: The Power of Purchasing and Partnerships: Government Money Makes Sustainability Go ‘Round.** *Host Organization: Perennial Zero Waste. Site Supervisor: Erica Carlson. UW Advisor: Christian Primack Metcalfe, Foster School of Business*

5:10 – 5:20PM ..... Break

5:20 – 5:25PM ..... **Lightning Talk** Intro

**5:25 Rexford Curtiss: Skyrocketing Social Media for Small Businesses: From Ground Zero to Success.** *Host Organization: Whidbey Island Grow Cooperative. Site Supervisor: Shannon Bly. UW Advisor: Theresa Maloney, Global Business Center, University of Washington*

**5:35 Jillian Evans: Moving Beyond the Like: Crafting Captions for Meaningful Environmental Engagement.** *Host Organization: Program on the Environment. Site Supervisor: P. Sean McDonald. UW Advisor: Francesca Valsesia, Foster School of Business*

**5:45 Sydney Belden: Transportation Transformation: How Seattle Wants the Link Light Rail to be Fixed and Why.** *Host Organization: Seattle Subway Foundation. Site Supervisor: Karl Alex Pauls. UW Advisor: Lubna Alzaroo, Program on the Environment.*

**5:55 Maddie Keating: Exploring Personal Food Sovereignty: The Relationship Between Perception and Action in the Food Justice Movement.** *Host Organization: Whidbey Island Grow Cooperative. Site Supervisor: Shannon Bly. Uw Advisor: Eli Wheat, Program on the Environment*

**6:05 Lizzie Hackett: Who’s Been Touching Your Food? An Analysis of Local Food Systems and their Impact on the Community, Economy, and Environment.** *Host Organization: Carnation Farmers Market. Site Supervisor: Sara Hughes & Lindsay Gilliam. UW Advisor: Carly Sheehan, School of Art*

6:25 – 6:35PM ..... Intermission

**6:35 Kiley Foster: Oysters Gone Wild: Exploring Pacific Oyster Naturalization in the Salish Sea.** *Host Organization: NOAA Fisheries. Site Supervisor: Jordan Hollarsmith, Rebecca Cates, & Henry Fleeneer. UW Advisor: Mark Scheuerell, School of Aquatic and Fishery Sciences*

**6:45 Ruby O’Malley: Playing for Keeps: Multimodal Learning in Outdoor Environmental Education.** *Host Organization: Sound Salmon Solutions. Site Supervisor: Kaelie Spencer. UW Advisor: Lubna Alzaroo, Program on the Environment*

**6:55 Isaac Olson: Wellbeing Over Waste: Engaging Youth on Addressing Plastic Pollution.** *Host Organization: Environment Washington. Site Supervisor: Pam Clough. UW Advisor: Kristi Straus, Program on the Environment*

**7:05 Stephanie Schmidt-Pathmann: Fostering Youth Engagement in Sustainability; Discovering Motivating Factors and Pathways to Action.** *Host Organization: Sustainability Ambassadors. Site Supervisor: Peter Donaldson. UW Advisor: Kristi Straus, Program on the Environment*



**7:15 Midori Sylwester: Carbon, Communication, and Climate: How We Can Reach Net Zero with Less than 1000 Acres.** *Host Organization: Northwest Natural Resource Group. Site Supervisor: Rowan Braybrook. UW Advisor: Erin Gilbert, Program on the Environment*

7:30 – 7:35PM ..... Closing Remarks

7:35 – 8:30PM ..... Symposium Celebration

## THANK YOU

We are grateful to all of the companies, government agencies, and non-profits who have partnered with us to make possible this transformative educational experience. We give special thanks to the site partners and UW faculty advisors who provided key support to our PoE students in the completion of their projects!

