



# Spring 2025 Capstone Symposium, Day 2

WEDNESDAY, JUNE 4 | FISHERIES LOBBY & AUDITORIUM

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

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

**Layla Airola: From Brain Drain to Brain Gain: Preserving Institutional Knowledge in Student-Run Environmental Research Organizations.** *Host Organization: UW School of Oceanography. Site Supervisor: Sasha Seroy. UW Advisor: Philip Bruner, Foster School of Business*

**Sarah Doolittle: The Hidden Health Risk Next Door: Tackling Urban Noise with Resonator-Enhanced Barriers.** *Host Organization: Illimited Lab. Site Supervisor: Lauren Kuehne. UW Advisor: Yen-Chu Weng, Program on the Environment*

**Genuario: Underwater Real Estate: Analyzing Policy Frameworks for Effective Eelgrass Restoration on the U.S. West Coast.** *Host Organization: NOAA Fisheries. Site Supervisor: Annie Birnie. UW Advisor: Francisca Santana, School of Environmental and Forestry Sciences*

**Roy Jen: Fighting Fire with Fire: Integrating Salmonid Resilience and Forest Management.** *Host Organization: The Nature Conservancy. Site Supervisor: Ailene Ettinger & Michele Buonanduci. UW Advisor: Ernesto Alvarado, School of Environmental and Forestry Sciences*

**Olivia Knutson: Strengthening Material Reuse in King County: Barriers, Solutions, and Circular Potential.** *Host Organization: King County. Site Supervisor: Kelsie Blanthron. UW Advisor: Yen-Chu Weng, Program on the Environment*

**Hope Kuchan: Oral History, TEK, and Trust: Multiple Ways of Knowing in the Climate Crisis.** *Host Organization: NOAA Fisheries. Site Supervisors: Sophia Wassermann & Emily Markowitz. UW Advisor: Lubna Alzaroo, Program on the Environment*

**Sadie McGee: The Problem with Stuff: Barriers and Solutions to a Free Store.** *Host Organization: UW Recycling. Site Supervisor: Liz Gignilliat. UW Advisor: Lauren Brohawn, Buerk Center for Entrepreneurship*

**Olivia Michaels: Strategic Recovery: Incorporating Regional Dynamics Into Abalone Conservation.** *Host Organization: NOAA Fisheries. Site Supervisor: Susan Wang. UW Advisor: Mark Scheuerell, School of Aquatic and Fishery Sciences*

**Dylon Ongwiseth: Protecting the Puget Sound: How Green Stormwater Infrastructure can Save our Waters.** *Host Organization: Sustainable Ballard. Site Supervisor: Jenny Heins. UW Advisor: Erin Gilbert, Department of English*

**Molly Rabus: Reshaping Climate Change Education for Elementary Students.** *Host Organization: Sound Salmon Solutions. Site Supervisor: Brittany Ahmann. UW Advisor: Tim Billo, Program on the Environment*



5:10 – 5:20PM ..... Break

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

**5:25 Kendra Pearson: Raising the Curtain to Husbandry in Aquariums.** *Host Organization: MaST Center Aquarium. Site Supervisor: Emily Bjornsgard. UW Advisor: Chris Mantegna, School of Aquatic and Fishery Sciences*

**5:35 Jacob Williams: Climate Solution or Ecological Gamble? Understanding the Tradeoffs of Ocean Alkalinity Enhancement.** *Host Organization: NOAA Fisheries. Site Supervisor: Paul McElhany. UW Advisor: Christopher Murray, Woods Hole Oceanographic Institution*

**5:45 Chloe Jazvic: Before We Engineer the Ocean: Reimagining Community Engagement in Marine Carbon Dioxide Removal.** *Host Organization: NOAA Fisheries. Site Supervisor: Paul McElhany. UW Advisor: Scott Montgomery, Jackson School of International Studies*

**5:55 Jacob Jones: Why Ecoforestry?** *Host Organization: Northwest Natural Resource Group. Site Supervisor: Jaal Mann. UW Advisor: L. Monika Moskal, School of Environmental and Forest Sciences and Program on the Environment*

**6:05 CJ Applegate: Fueling Future Farmers: The Future is Regenerative.** *Host Organization: The Organic Farm School. Site Supervisors: Walt Blackford and Judy Feldman. UW Advisor: Eli Wheat, Program on the Environment*

**6:15 Eliza Weyman: Mother Earth: Feminizing the Environment and its Implications on Natural Resource Mangement.** *Host Organization: Braided River. Site Supervisor: Helen Cherullo. UW Advisor: Lubna Alzaroo, Program on the Environment*

**6:25 Emma Freeman: Art as a Bridge: Connecting Relationship to Nature through Environmental Restoration & Immigration Stories.** *Host Organization: Partner in Employment. Site Supervisors: Emilene Castillo and Claire Igwa. UW Advisor: Lubna Alzaroo, Program on the Environment*

6:35 – 6:45PM ..... Intermission

**6:45 Alex Johnson: Lengthening Linen Longevity: How the Barriers to Hotel Textile Recycling can be Overcome.** *Host Organization: Washington State University Textile Team. Site Supervisor: Patricia Townsend. UW Advisor: Eli Wheat, Program on the Environment*

**6:55 Jenna Williamson: Funding a Sustainable Future: Tool Libraries and Circular Economy Nonprofits.** *Host Organization: Seattle REconomy. Site Supervisor: Josh Epstein. UW Advisor: Kristi Straus, Program on the Environment*

**7:05 Chancellor Hoppenrath: Tools for Curiosity: Hands on Sustainability and the Fight Against Perceived Obsolescence.** *Host Organization: Transition Fidalgo. Site Supervisor: Eric Shen & Katrina White. UW Advisor: Hanjie Wang, Department of Political Science*

**7:15 Sean Carey: LEED-ing Green Futures: Understanding the Challenges of Widespread LEED Certification.** *Host Organization: King County Executive Climate Office. Site Supervisor: Carrie Lee & Timothy Randazzo. UW Advisor: Danya Al-Saleh, Jackson School of International Studies*



**7:25 Shannon Cosgrove: The Language of Justice: Participation, Knowledge, and Power in Environmental Policy.** *Host Organization: Agency for Toxic Substances and Disease Registry, Region 10. Site Supervisor: Rhonda Kaetzel. UW Advisor: Todd Wildermuth, School of Law*

**7:35 Megan Hassi: Clean Air Action: How Community-Driven Solutions Can Tackle Environmental Injustice in Policy Implementation.** *Host Organization: US EPA Region 10. Site Supervisor: Sandra Brozusky. UW Advisor: Gretchen Sneegas, Department of Geography*

**7:45 Benjamin Blatt: Blue State, Purple Policy: Lessons for Bipartisan Environmental Policy in the Puget Sound.** *Host Organization: Puget Sound Partnership. Site Supervisor: Don Gourlie. UW Advisor: Karen Litfin, Department of Political Science*

7:55 – 8:00PM ..... Closing Remarks

8:00 – 8:30PM ..... Symposium Celebration

THANK YOU

We are grateful to all 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!

