



Autumn 2023 Day 2 Capstone Symposium

FISHERIES LOBBY & AUDITORIUM, WEDNESDAY, DECEMBER 6th

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

4:40-5:10 PM.....Poster Highlights & Refreshments

Amelie Gahagan: GOING WITH THE FLOW: HARNESSING SOCIAL NORMS FOR REUSABLE WATER BOTTLE ADOPTION. *Site Supervisor & Host Organization: Liesel Hans, Alliance for Water Efficiency. UW Advisor: Sergey Rabotyagov, School of Environmental and Forest Sciences, UW*

Patrick Harper: ROOTS OF CHANGE: ACTIONS PLANT CONSERVATORIES & BOTANICAL GARDENS CAN TAKE TO SHARE PLANT KNOWLEDGE IN MORE CULTURALLY INCLUSIVE WAYS. *Site Supervisor & Host Organization: KL Bentrup and Lauren Moore, Friends of the Conservatory. UW Advisor: Brittany Johnson, School of Environmental and Forest Sciences, UW*

Niki Kirihaara: O, SOIL! WHAT O HORIZON THICKNESS CAN TELL US ABOUT SUMMER SOIL MOISTURE IN PACIFIC NORTHWEST FORESTS AMIDST GLOBAL WARMING. *Site Supervisor & Host Organization: Rowan Braybrook, Northwest Natural Resource Group. UW Advisor: Tim Billo, Program on the Environment, UW*

Matthew Mason: USING REBATES TO PROTECT OUR WATERS: INCREASING EQUITABLE UTILIZATION IN THE RAINWISE REBATE PROGRAM FOR DISADVANTAGED COMMUNITIES. *Site Supervisor & Host Organization: Jenny Heins, Sustainable Ballard. UW Advisor: Sergey Rabotyagov, School of Environmental and Forest Sciences, UW*

Caitlin Naqvi: ENVIRONMENTAL EDUCATION: EXPANDING ACCESS HERE, THERE, AND EVERYWHERE. *Site Supervisor & Host Organization: Julia Glassy, Fiddleheads Forest School. UW Advisor: Tim Billo, Program on the Environment, UW*

Erin Schobbe: CONVENTIONS, CARBON, AND CENTRALITY: METHODS FOR REDUCING EMISSIONS FROM TRAVEL IN THE EVENT AND CONVENTION INDUSTRY. *Site Supervisor & Host Organization: Robert Gottschalk, AQ Green TeC. UW Advisor: Caitlin Ainsley, Department of Political Science, UW*

Rhea Shinde: THE ROLE OF SOCIAL NORMS IN WATER CONSERVATION BEHAVIOR INTERVENTIONS. *Site Supervisor & Host Organization: Liesel Hans, Alliance for Water Efficiency. Salar Jahedi, Affiliate Professor, Economics, UW and Principal Economist, Amazon*

Charlotte Till: BEAVERS: AGRICULTURE'S FOE TURNED FRIEND. *Site Supervisor & Host Organization: Linda Lyshall, Snohomish Conservation District. UW Advisor: Clare Ryan, Environmental and Forest Science, College of the Environment, UW*

Maysen Westling: BE A GOOD SPORT, DON'T FORGET TO SORT: BEST PRACTICES FOR WASTE DIVERSION PROGRAMS IN SPORTS STADIUMS. *Site Supervisor & Host Organization: Karen Baebler, University of Washington Athletics. UW Advisor: Kristi Straus, Program on the Environment, UW*

Anna Marie Wing: THE THREE C'S OF MARKETING TO UNDERSERVED COMMUNITIES: CONNECTION, COMMUNICATION, AND CULTURE. *Site Supervisor & Host Organization: Josh Epstein, NE Seattle Tool Library. UW Advisor: Rebakah Daro Minarchek, Integrated Social Sciences, International Studies, UW*

5:20-5:25 PM..... Introduction for **Lightning Talks**

5:25 PM Keya Roy: MYCO-FILTRATION FOR CLIMATE RESILIENCE AND CIRCULARITY. *Site Supervisor & Host Organization: Tatiana Brown, University of Washington Campus Sustainability Fund. UW Advisor: Ken Yocom, Landscape Architecture, UW*

5:35 PM Ezra Thomason: FROM FIELDS TO TABLES: THE POWER OF FOOD PRESERVATION IN GLEANING ORGANIZATIONS. *Site Supervisor & Host Organization: Bennett Walkes, City Fruit. UW Advisor: Yona Sipos, Department of Environmental and Occupational Health Sciences, UW*

5:45 PM Arianna Fardad: SMALL BUT MIGHTY: FORAGE FISH SIGNAL THE NEED FOR SHORELINE RESTORATION IN THE PUGET SOUND. *Site Supervisor & Host Organization: Bianca Perla, Vashon Nature Center. UW Advisor: Jason Toft, Principle Research Scientist, Wetland Ecosystem Team, School of Aquatic and Fishery Sciences, UW*

5:55 PM Jordan Priest: INTEGRATED IS BEST: HOW LIGHT RAIL AND BUSES WORKING IN CONJUNCTION WILL INCREASE THE USABILITY OF SEATTLE’S TRANSIT SYSTEM. *Site Supervisor & Host Organization: Arthur Bachus, Seattle Subway Foundation. UW Advisor: Lyle Bicknell, UW*

6:05 PM Aliyah Recasner: TRANSIT-ORIENTED-DEVELOPMENT (TOD): A BLESSING OR ROADMAP TO GENTRIFICATION?. *Site Supervisor & Host Organization: Arthur Bachus, Seattle Subway Foundation. UW Advisor: Kessie Alexandre, Department of Geography, UW*

6:15 PM Lucy Toner: FROM THE GROUND UP: HOW TO INCORPORATE COMMUNITY VOICES ON ENVIRONMENTAL JUSTICE INTO THE NATIONAL ENVIRONMENTAL POLICY ACT. *Site Supervisor & Host Organization: Arthur Bachus, Seattle Subway Foundation. UW Advisor: Lawrence Watters, Guest Faculty in Environmental Law, UW*

6:40 PM Lyn Tampi: TO BETTER SERVE OUR COMMUNITIES: INFORMING GOVERNMENT STAFF ON CONNECTIONS BETWEEN CLIMATE CHANGE AND SOCIAL JUSTICE. *Site Supervisor & Host Organization: Vicky Raya, King County Department of Natural Resources and Parks. UW Advisor: Meagan Doll, Department of Communication, UW*

6:50 PM Olivia Johnson: CREATE YOUR OWN PATH: FIVE WAYS TO HELP CHILDREN MAKE BETTER CONNECTIONS WITH THE ENVIRONMENT. *Site Supervisor & Host Organization: Amanda Hipp, Islandwood. UW Advisor: Eli Wheat, Program on the Environment, UW*

7:00 PM Lauren Church: CONSERVE TO PRESERVE: HOW CITIES AND CITIZENS CAN COLLABORATE TO PROTECT WATER RESOURCES. *Site Supervisor & Host Organization: Kirsten Harma, Chehalis Basin Partnership. UW Advisor: Kristi Straus, Program on the Environment, UW*

7:10 PM Isabella Garrido: CO-PRODUCING HOPE: EXPLORING THE BENEFITS AND CHALLENGES OF COMMUNITY-ENGAGED LEARNING IN UNIVERSITIES TO ENHANCE CLIMATE RESILIENCE. *Site Supervisor & Host Organization: Zackery Thill, Climate Impacts Group, University of Washington. UW Advisor: Megan Ybarra, Department of Geography, UW*

7:20 PM Tiffany Shin: SAVING THE ENDANGERED BLACK ABALONE: RECOMMENDATIONS FOR TRANSLOCATIONS AND CHARACTERIZING JUVENILE RECRUITMENT HABITAT. *Site Supervisor & Host Organization: Susan Wang, National Marine Fisheries Service, West Coast Region. UW Advisor: Lawrence Watters, Guest Faculty in Environmental Law, UW*

7:30 PM Riley Ramirez: TACKLING TRASH: UNDERSTANDING HUMAN WASTE BEHAVIOR IN HUSKY STADIUM. *Site Supervisor & Host Organization: Karen Baebler, UW Athletics. UW Advisor: Christian Primack Metcalfe, Foster School of Business, University of Washington*

7:40 PM – 8:30 PM Conclusion of Symposium & **Celebration Continues in Lobby**

THANK YOU! We are grateful to 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!