

Education

- 2021–Present **PhD in Biological Sciences**
Simon Fraser University, 8888 University Drive, Burnaby, BC V5A 1S6
- 2016–2019 **MSc. in Fisheries**
Graduation, May 2019 University of Alaska Fairbanks, 2150 Koyukuk Drive, 245 O'Neill Building, P.O. Box 757220, Fairbanks, Alaska 99775-7720
Thesis: Linking freshwater growth to size-dependent marine survival of sockeye salmon: interactions between processes of climate, density, and natural selection
- 2011–2015 **BSc. in Integrative Biology**
May 2015 Concordia University of Edmonton, 7128 Ada Boulevard Edmonton, Alberta T5B 4E4

Research Skills/Experience

- June 2021–Present **Newsletter Editor** at Simon Fraser University – *Watershed Futures Initiative*
- May 2021–Present **PhD Candidate** at Simon Fraser University – *From land use to climate change: understanding cumulative effects of human activities on Pacific salmon*
Supervisor: Dr. Jonathan Moore
- Sept. 2019–Mar. 2021 **Research Scientist** at the University of Idaho – *Recovery goals for White Sturgeon in the Sacramento-San Joaquin River system, California*
Supervisor: Dr. Michael C. Quist
- May–Sep. 2019 **Field Technician** at University of Alaska Fairbanks – *Fire and climate change in boreal aquatic ecosystems*
- 2016–2019 **Research Assistant** at University of Alaska Fairbanks in Salmonid Evolutionary Ecology & Conservation Lab – *Linking marine and freshwater ecosystems through growth and survival of Alaska Sockeye Salmon*
Supervisor: Dr. Peter A. H. Westley
- Aug.–Sep. 2018 **Volunteer Remote Field Technician** at University of Alaska Fairbanks – *Ecological interactions of wild and hatchery Pink Salmon in Prince William Sound, Alaska*
- Apr.–Aug. 2018 **Volunteer Diver/Field Technician** at University of Alaska Fairbanks – *Seaweed reproduction and harvest rebound in Kachemak Bay, Alaska*
- Jan.–May 2018 **Teaching Assistant** at University of Alaska Fairbanks – *Fundamentals of Biology I*
- Nov.–Feb. 2015 **Science Presenter** at TELUS World of Science Edmonton
- May–June 2015 **Summer Research Assistant** at Concordia University of Edmonton – *Analysis of Westslope Cutthroat Trout diets in Alberta streams*

2014–2015

Independent Undergraduate Research Project at Concordia University of
Edmonton – *Spatial and temporal variation of benthic macroinvertebrate
communities in three Westslope Cutthroat Trout tributaries in the Rocky Mountains*

Supervisor: Dr. Mariola Janowicz

Publications

- Ulaski, M.E.**, J.L. McCormick, M.C. Quist, and Z.J. Jackson. **Accepted**. Leveraging angler effort to inform fisheries management: using harvest and harvest rate to estimate abundance of White Sturgeon. *Journal of Fish and Wildlife Management*. Submission date: October 5, 2022.
- Ulaski, M.E.**, L. Warkentin, S. Naman, and J.W. Moore. **2023**. Spatially variable effects of streamflow on water temperature and thermal sensitivity within a salmon-bearing watershed in interior British Columbia, Canada. *River Research and Applications*. <https://doi.org/10.1002/rra.4200>
- Quist, M.C., **M.E. Ulaski**, K. Manuell, Z.J. Jackson, and T. Gatewood. **2023**. Precision of structures used to estimate age and growth of Apache Trout from the White Mountains of Arizona. *Journal of Fish and Wildlife Management*. <https://doi.org/10.3996/JFWM-22-021>
- Rosenfeld, J., P. Gonzalez-Espinosa, L. Jarvis, E. Enders, M. Bayly, A. Paul, L. MacPherson, J. Moore, M. Sullivan, **M. Ulaski**, K. Wilson. **2022**. Stressor-response functions as a generalizable model for context dependence. *Trends in Ecology and Evolution*. <https://doi.org/10.1016/j.tree.2022.09.010>
- Ulaski, M.E.**, S.E. Blackburn, Z.J. Jackson, and M.C. Quist. **2022**. Management goals for conserving White Sturgeon in the Sacramento-San Joaquin River basin. *Journal of Fish and Wildlife Management*. <https://doi.org/10.3996/JFWM-21-070>
- Ulaski, M.E.**, H. Finkle, A.H. Beaudreau, and P.A.H. Westley. **2022**. Climate and conspecific density inform phenotypic forecasting of juvenile Pacific salmon body size. *Freshwater Biology*. <https://doi.org/10.1111/fwb.13850>
- Ulaski, M.E.**, and M.C. Quist. **2021**. Filling knowledge gaps for a threatened species: Age and growth of Green Sturgeon of the southern Distinct Population Segment. *Journal of Fish and Wildlife Management*. <https://doi.org/10.3996/JFWM-20-073>
- Ulaski, M.E.**, H. Finkle, and P.A.H. Westley. **2020**. Direction and magnitude of natural selection on body size differ among age-classes of seaward-migrating Pacific salmon. *Evolutionary Applications*. <https://doi.org/10.1111/eva.12957>
- Feddern, M., H.R. Bassett, K.N. McElroy, **M. Ree**¹, M. Gho, and R. Hilborn. **2018**. A novel method for modeling age and length selectivity of sockeye salmon as applied to the Bristol Bay Port Moller test fishery. *Canadian Journal of Fisheries and Aquatic Science*. <https://doi.org/10.1139/cjfas-2018-0018>

¹Applicant's last name changed professionally from Ree to Ulaski in 2020

Selected Presentations & Guest Lectures

- Oral Presentation, ***Ulaski, M.E.**, H. Finkle, A. Beaudreau, and P.A.H. Westley. **2022**. What is the potential future of Pacific salmon body size at ocean entry and does it matter? Les Ecologistes at Simon Fraser University, Burnaby, BC November 3, 2022.
- Oral Presentation, ***Ulaski, M.E.**, S.E. Blackburn, Z.J. Jackson, and M.C. Quist. **2022**. Management goals for conserving White Sturgeon in the Sacramento-San Joaquin River basin. American Fisheries Society Annual Conference, Spokane, Washington August 23, 2022.
- Oral Presentation, ***Ulaski, M.E.**, and M.C. Quist. **2020**. Filling knowledge gaps of a threatened species: green sturgeon in the Sacramento River. Idaho Chapter American Fisheries Society Meeting, Coeur d'Alene, Idaho March 13, 2020.
- Guest Lecture, ***Ulaski, M.E.** **2020**. Age and growth of fish. Ichthyology Lab, Moscow, Idaho February 2020.
- Oral Presentation, ***Ree, M.E.**, H. Finkle, A. Beaudreau, and P.A.H. Westley. **2019**. Linking freshwater growth to size-dependent marine survival: interactions between processes of climate, competition, and natural selection. American Fisheries Society and The Wildlife Society Joint Annual Conference, Reno, Nevada October 2, 2020.
- Oral Presentation, **Ree, M.E.**, and *P.A.H. Westley. **2019**. Stock-specific responses of size at ocean entry to temperature and competition in Alaska sockeye salmon *Oncorhynchus nerka* over four decades. Alaska Chapter American Fisheries Society Meeting, Sitka, Alaska March 19, 2019.
- Guest Lecture, ***Ree, M.E.**, and A. Seitz. **2019**. Sharks, skates, and rays. Fish and Fisheries of Alaska, Fairbanks, Alaska January 31, 2019.
- Oral Presentation, ***Ree, M.E.**, and P.A.H. Westley. **2018**. Is bigger always better? Size-selective marine survival of an Alaskan sockeye salmon population. Western Division American Fisheries Society Meeting, Anchorage, Alaska May 22, 2018.
- Oral Presentation, ***Ree, M. E.**, and P.A.H. Westley. **2017**. Does life history diversity influence population productivity at small spatial scales? An examination with Olga Lakes sockeye salmon. Alaska Chapter American Fisheries Society Annual Meeting, Fairbanks, Alaska March 22, 2017.
- Poster Presentation, **Ree, M.E.**, X. Chen, and *M. Janowicz. **2015**. Spatial and temporal variation of benthic macroinvertebrate communities in three westslope cutthroat trout tributaries in the Rocky Mountains. Advances in the Population Ecology of Stream Salmonids IV. Girona, Spain May 27, 2015.
- Poster Presentation, ***Ree, M.E.**, X. Chen, and M. Janowicz. **2015**. Spatial and temporal variation of westslope cutthroat trout habitat in the Rocky Mountains. Undergraduate Research in Science Conference of Alberta. Edmonton, Alberta May 1, 2015.
- Poster and Oral Presentation, ***Ree, M.E.**, X. Chen, and M. Janowicz. **2015**. Spatial and temporal variation of benthic macroinvertebrate communities in three rocky mountain tributaries. Prairie University Biology Symposium. Winnipeg, Manitoba February 20, 2015.

Grants

2018	Cooperative Institute for Alaska Research Grant (US \$9,744)
2017	Northern Gulf of Alaska Applied Research Award (US \$5000)

Awards and Scholarships

2023	Eugene Maughan AFS Scholarship (US \$2,500)
2023	NSERC Supplements for Research in the Field of Impact Assessment (\$10,000)
2021	Graduate Dean's Entrance Scholarship (\$31,000)
2021	NSERC CGSD (\$105,000)
2021	Provost Prize of Distinction (\$15,000)
2019	Best long talk – UAF AFS Student Symposium (US \$100)
2016	Queen Elizabeth II Graduate (Master's) Scholarship (\$10,800; declined)
2015	Ron Floden Flying Scholarship (\$750)
2014	Concordia Academic Award for Biological and Environmental Sciences (\$500)
2013	Louise McKinney Scholarship (\$5000)
2012	Jason Lang Scholarship (\$1000)
2011	Concordia University of Edmonton Entrance Scholarship \$12,000)

Affiliations, Service, and Training

2022–Present	Habitat Scientific Advisory Committee, Pacific Salmon Foundation
2022–Present	Organizer, Stats Beers at Simon Fraser University
2021–Present	Science Team, Watershed Futures Initiative
2017–Present	Member of American Fisheries Society
2022	Canadian Conference for Fisheries Research Symposium Co-chair, Cumulative Effects in Watersheds
2021	BC Workplace Level 1 First Aid (valid for 3 years)
2019	Motorboat Operator Certification Course (valid for 5 years)
2019	Firearms and Bear Safety Training Course (valid for 5 years)
2019	Electrofishing Certification (valid for 5 years)
2018	American Academy of Underwater Sciences (AAUS) – Scientific Diving Certification
2017–2018	University of Alaska, American Fisheries Society Student Subunit President
2016–2019	Cross-country Ski Coach, Fairbanks Junior Nordics
2014–2017	Member of Alberta Society of Professional Biologists (ASPB): Biologist in Training