

Kelly Mistry

140 Windward Dr
Bellingham, WA 98229

(206) 432-6166
kelly.r.mistry@gmail.com
Twitter: @TactileAlchemy
www.kellymistry.com

Education

University of Washington, 2022	M.S. in Quantitative Ecology and Resource Management
University of Washington, 2018 - 2019	Certificate in Statistical Analysis with R
University of Alaska Anchorage, 2016 - 2017	80 credits in biology, math, statistics, and chemistry
Marlboro College, 2011	BA in Middle Eastern History & Islam, Minor in Women's Studies
Marlboro Graduate School, 2011	Certificate in Nonprofit Management

Professional Appearances & Awards

Poster presentation: <i>"Collaborative multi-agency decision making for the conservation of endangered Columbia Basin Pygmy Rabbits (CBPR) in Washington"</i>	Society of Decision Professionals Conference, March 2025 Vancouver, BC, Canada
Presented: <i>"Dynamic Monitoring and Management of Brown Treesnakes: Modeling Removal Data to Identify Optimal Eradication Strategies"</i> (presented preliminary results)	Brown Treesnake Technical Working Group Annual Meeting, November 2023 Guam
Presented: <i>"Dynamic Monitoring and Management of Brown Treesnakes: Modeling Removal Data to Identify Optimal Eradication Strategies"</i> (methods focused, did not present results)	Quantitative Seminar, University of Washington School of Fisheries & Aquatic Sciences, March 2023 Seattle, WA
Presented: <i>"Imaginary Fish in Space: Predicting Population Distribution With Underlying Clustering and Movement"</i>	American Fisheries Society Conference, August 2022 Spokane, WA
Presented: <i>"Comparison of existing and spatio-temporal methods to apportion catch limits for subregional"</i>	International Statistical Ecology Conference, June 2022

management of groundfish in the Gulf of Alaska Online

Presented: *“Comparison of existing and spatio-temporal methods to apportion catch limits for subregional management of groundfish in the Gulf of Alaska”* Alaska Marine Science Symposium, January 2022 Online

Science & Policy Panelist ComSciCon PNW 2018
(The Communicating Science Workshop for Graduate Students), March 2018

UAA University Honors College Undergraduate Research Grant (\$2,000, received 2/20/17) University of Alaska Anchorage, Spring 2017
Plant DNA Sequencing: Moose Diet Analysis

Presidential Merit Scholarship Marlboro College, 2007 - 2011

Professional Experience

University of Washington - Quantitative Conservation Lab September 2022 - June 2025

Research Scientist

- *Created simulation study used for dynamic monitoring and management of Brown Treesnakes in Guam* Sept 2022 - June 2024

- *Led structured decision making process for conservation planning of endangered Columbia Basin Pygmy Rabbit* July 2024 - June 2025

Mistry Consulting September 2020 - September 2023
Owner

Offered consulting services for facilitation related to organizational development, strategic planning, fundraising and incorporating diversity, equity and inclusion into organizational processes

University of Washington - Applied Ecology Lab & QERM June 2020 - August 2022

Research Assistant

Advised by Mark Scheuerell

Supervised by principal investigator Cecilia O’Leary with NOAA’s Alaska Fisheries Science Center

University of Washington - QERM September 2019 - June 2020

Research Assistant

University of Washington - Hilborn Lab November 2018 - September 2019
Research Scientist

Duties include updating and creating content for RAM Legacy Stock Assessment Database (www.ramlegacy.org)

University of Washington - Center on Human Development & Disability
Office Assistant October 2017 - June 2018

Alaska Center for FASD
Project Manager/Consultant April 2017 - September 2019

FASDx Services
Data Analyst & Graphic Designer January 2016 - September 2019

Independent Undergraduate Research
(supervised by Dr. Don Spalinger and Dr. Brandon Briggs)
Plant DNA sequencing for use as new methodology for determining moose diet composition from fecal samples
Duties included DNA extraction, sequencing using a Mi-Seq Sequencer, and analyzing sequencing results using relevant programs Spring 2017 Semester

University of Alaska Anchorage
Birds 'n' Bogs Citizen Science Project
(supervised by Dr. Audrey Taylor)
Intern/Volunteer Coordinator
Duties included volunteer coordination, field observations, data entry, data analysis using Excel May 2016 - October 2016

Center for Environmental Law & Policy (CELP)
Development & Outreach Coordinator February 2015 - December 2015

Urban Musers Dog Walking & Pet Care
Owner October 2013 - October 2014

Seattle Aquarium
Data Entry Specialist May 2012 - September 2013

Council on American-Islamic Relations (CAIR)
Development Coordinator September 2011 - January 2012

Alaska Zoo
Education Assistant 2009 to 2010

Service, Volunteer Work & Other Experience

Skookum Kids <i>Volunteer - provide event child-care for kids in foster care</i>	August 2024 - present
Animals as Natural Therapy <i>Volunteer - assist with animal handling at mobile visits, primarily to schools and elder care facilities</i>	September 2023 - present
UAW 4121 College of the Environment Anti-discrimination Working group <i>Member</i>	October 2020 - December 2021
Center for Quantitative Science DEI Committee at University of Washington <i>Graduate student representative Committee co-chair</i>	September 2020 - July 2022
UW College of the Environment Interdisciplinary Peer Mentorship Program <i>Peer mentor to an undergraduate student</i>	September 2020 - June 2021
Basilica Bio <i>Advisory board member - advising about strategic planning & capacity building for start-up community group</i>	August 2020 - August 2021
Hilborn Lab at University of Washington (supervised by Dr. Mike Melnychuk) <i>Volunteer - Duties include creating summary plots in R of fish stock assessment data from RAM Legacy database</i>	June - October 2018
500 Women Scientists <i>Member of Leadership Team for Seattle Chapter Regional Chapter Coordinator for NW Region</i>	September 2017 - January 2021 January 2018 - September 2019
Seattle Aquarium <i>Education & Special Events Volunteer</i>	June 2013 - January 2015
Young Nonprofit Professionals Network (YNPN) - Greater Seattle Chapter <i>Founding Board Member</i>	September 2012 - June 2015

Publications

Mistry, K. (2022). *Fish in space : estimating groundfish population distribution in the Gulf of Alaska for management apportionment by subregion*. [University of Washington Libraries].

Melnychuk, M. C., N. Baker, D. Hively, **K. Mistry**, M. Pons, C. E. Ashbrook, C. Minto, R. Hilborn, Y. Ye. 2020. Global trends in status and management of assessed stocks: achieving sustainable fisheries through effective management. FAO Fisheries and Aquaculture Technical Papers No. 665. doi:10.4060/cb1800en.

Other Skills

Proficient in Microsoft Suite, particularly Excel and Publisher

Experienced with website platforms, including Weebly and Wordpress

Proficient in R programming, experience with Bayesian packages (nimble and jags)