
AMY MARIE VAN CISE

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EMPLOYMENT

School of Aquatic and Fishery Sciences University of Washington <i>Assistant Professor</i>	Seattle, WA 2022 - present
Northwest Fisheries Science Center, NOAA <i>Research Associate</i>	Seattle, WA 2020 - 2022
North Gulf Oceanic Society <i>Research Associate</i>	Homer, AK 2020 – 2022
Cascadia Research Collective <i>Research Biologist</i>	Olympia, WA 2019 – 2020
Woods Hole Oceanographic Institution <i>Postdoctoral Scholar</i>	Woods Hole, MA 2018 – 2019
Scripps Institution of Oceanography University of California San Diego <i>Ph.D. Candidate</i>	La Jolla, CA 2011 - 2017

EDUCATION

Scripps Institution of Oceanography <i>Ph.D. Biological Oceanography</i> <i>M.S. Marine Biology</i>	La Jolla, CA 2011- 2017
University of New Hampshire <i>B.S. Biology – Marine and Freshwater, Magna cum Laude, Presidential Scholar</i> <i>B.A. English/Journalism, Magna cum Laude, Presidential Scholar</i>	Durham, NH 2000 - 2004

PUBLICATIONS IN PREPARATION

- 2 **AM Van Cise**, EK Jacobson, M Shaffer, P Brandao, D Miller, R Kelly, B Semmens, KM Parsons. *In prep.* Species-specific behavior and ecology drive depth distribution of rare species eDNA in pelagic marine environments. *In prep for submission to Nature Ecology and Evolution.*
- 1 **AM Van Cise**, S Garrote, PA Morin. *In prep.* Mutation rate evolution in cetacean genomes: understanding drivers of variability and observation bias in estimates of genomic mutation rate. *In prep for submission to Nature Ecology and Evolution.* <https://uw-wade-lab.github.io/Mutation-rate-variability-in-cetaceans/>

PUBLICATIONS IN REVIEW

- 5 Brewer, AM, **AM Van Cise**, M Castellote, C Garner, A Gilstad, SJ Converse, KT Goetz, AM Berdahl. *In Review.* Social context, behavior, and tidal state drive calling in beluga whales. *Behavioral Ecology and Sociobiology: In Review.* <https://doi.org/10.21203/rs.3.rs-7707399/v1>

- 4 Patin, N; EK Jacobson, Z Gold, J Dinasquet, **AM Van Cise**, B Ellman, R Lampe, A Schulberg, N Bowlin, R Freedman, E Satterthwaite, A Allen, B Semmens. *In Review*. A framework for maximizing detections of rare eDNA targets: a case study of delphinids. *Methods in Ecology and Evolution: In Review*.
- 3 **Van Cise, AM**, LR Rodriguez, C Goudey, Mollie Ball, Gretchen Grebe, Loretta Roberson. *In Review*. Toward sustainable seaweed aquaculture: delphinid occurrence at macroalgae farms in the Caribbean Sea. *Aquaculture: In Review*. <https://uw-wade-lab.github.io/MM-interactions-with-seaweed-farming/>
- 2 Valdivia-Carrillo, T, MR Shaffer, KM Parsons, EK Jacobson, AO Shelton, A Im, RP Kelly, **AM Van Cise**. *In Review*. A GAM approach for describing eDNA-spatial distribution using metabarcoding occurrence data. *Environmental DNA: In Review*.
- 1 Mastick, NC, **AM Van Cise**, KM Parsons, E Ashe, R Williams, J Childress, J Durban, H Fearnbach, A Nguyen, H Fearnbach, J Durban, C Emmons, D Olsen, CL Wood. 2024. Widespread parasite infections in living resident killer whales in the Northeast Pacific Ocean. *bioRxiv*. (doi:10.1101/2024.07.10.602791)

BOOK CHAPTERS

- 2 Brennan, R, M Nery, S Caballero, U Gorter, **AM Van Cise**. *In prep*. 'Omics for marine mammals. In: Kiska, J et al., Eds. *Marine Mammal Research Techniques. In prep*.
- 1 Roberson, LM, ... **AM Van Cise**, T Waters, Z Yang, and C Yarish. 2024. Developing Cultivation Systems and Better Management Practices for Caribbean Tropical Seaweeds in US Waters. Ch 11 In: Critchley, AT et al., Eds. *Tropical Phyconomy Coalition Development: Focus on Eucheumatoid Seaweeds*. Springer Nature, Switzerland <https://doi.org/10.1007/978-3-031-47806-2>

PEER-REVIEWED PUBLICATIONS

- 19 Myers, H, D Olsen, **AM Van Cise**, Kim Parsons, Abigail Wells, Craig Matkin. 2025. The diverse diet of southern Alaska resident killer whales shifts across spatiotemporally distinct foraging hotspots. *Ecosphere. In press*.
- 18 Shaffer, MR, EA Allan, **AM Van Cise**, KM Parsons, AO Shelton, RP Kelly. 2025. Observation bias in metabarcoding. *Molecular Ecology Resources*: 25(7): e14119.
- 17 **Van Cise, AM**, B Hanson, C Matkin, C Emmons, D Olsen, A Wells, KM Parsons. 2024. Spatial and seasonal foraging patterns drive diet differences among North Pacific resident killer whale populations. *Royal Society Open Science* 11: rsos240445.
- 16 **Van Cise, AM**, AD Switzer, A Apprill, CD Champagne, ... KM Parsons. 2024. Best practices for preserving marine mammal biological samples in the 'omics era. *Marine Mammal Science* 2024:e13148.
- 15 Brewer, AM, M Castellote, **AM Van Cise**, T Gage, AM Berdahl. 2023. Communication in Cook Inlet beluga whales: Describing the vocal repertoire and masking of calls by commercial ship noise. *J. Acoust. Soc. Am.* 154:3487–3505.
- 14 Oswald, JN, **AM Van Cise**, A Dassow, T Elliot, M Johnson, A Ravignani, J Podos. 2022. A collection of best practices in the study of systematics, ecology, and behavior using bioacoustic data. *Applied Sciences* 12: 12046.
- 13 Gold, ZJ, AO Shelton, HR Casendino, J Duprey, R Gallego, **AM Van Cise**, ... KM Parsons, RP Kelly. 2023. Distinguishing Signal from Noise: Understanding patterns of non-detections to inform accurate quantitative metabarcoding. *Plos One Biology* 18 (5), e0285674.
- 12 Shelton, AO ZJ Gold, AJ Jensen, E D'Agnese, EA Allan, **AM Van Cise**, R Gallego, A Ramon-Laca, M Garber-Yonts, K Parsons, R Kelly. 2022. Toward quantitative metabarcoding. *Ecology* 104:e3906.

- 11 **Van Cise, AM**, RW Baird, AE Harnish, JJ Currie, SH Stack, T Cullins, AM Gorgone. 2021. Mark-recapture estimates reveal declines in abundance of common bottlenose dolphin stocks in the main Hawaiian Islands. *Endangered Species Research* 45:37-53.
- 10 **Van Cise, AM**, PR Wade, CEC Goertz, K Burek-Huntington, KM Parson, R Hobbs, A Apprill. 2020. Skin microbiome of beluga whales: spatial, temporal, and health-related dynamics. *Animal Microbiome*. 2:39.
- 9 Apprill, A, C Miller, **AM Van Cise**, JM U'Ren, MS Leslie, L Weber, RW Baird, J Robbins, S Landry, M Niemeyer, K Rose, A Bogomolni, G Waring. 2020. Host phylogeny shapes marine mammal skin microbiomes. *Royal Society Open Science* 7: 192046.
- 8 **Van Cise, AM**, RW Baird, CS Baker, S Cerchio, D Claridge, R Fielding, BL Hancock-Hanser, J Marrero, KK Martien, A Mignucci, EM Oleson, M Oremus, M Poole, P Rosel, BL Taylor, PA Morin. 2019. Oceanographic barriers, divergence, and admixture: Phylogeography and taxonomy of two putative subspecies of short-finned pilot whale. *Molecular Ecology* 28(11): 2886-2902.
- 7 **Van Cise, AM**, SD Mahaffy, RW Baird, TA Mooney, J Barlow. 2018. Song of my people: Dialect differences among sympatric social groups of Hawaiian short-finned pilot whales. *Behavioral Ecology and Sociobiology* 72:193.
- 6 Hill, MC, AR Bendlin, **AM Van Cise**, A Millete-Winfree, AD Ligon, AC Ü, MH Deakos, EM Oleson. 2018. Short-finned pilot whales (*Globicephala macrorhynchus*) of the Marianas: Individual affiliations, movements, and space use. *Marine Mammal Science* 35(3): 797-824.
- 5 **Van Cise, AM**, KK Martien, SD Mahaffy, RW Baird, DL Webster, JH Fowler, EM Oleson, PA Morin. 2017. Familial social structure and socially driven genetic differentiation in Hawaiian short-finned pilot whales. *Molecular Ecology* 266(23): 6730–6741.
- 4 **Van Cise, AM**, MA Roch, TA Mooney, RW Baird, J Barlow. 2017. Acoustic differentiation of Shiho-and Naisa-type short-finned pilot whales in the Pacific Ocean. *Journal of the Acoustical Society of America* 141(2): 737-748.
- 3 **Van Cise, AM**, PA Morin, RW Baird, AR Lang, KM Robertson, SJ Chivers, RL Brownell, KK Martien. 2016. Redrawing the map: mtDNA provides new insights into the distribution and diversity of short-finned pilot whales in the Pacific Ocean. *Marine Mammal Science* 32:1177-1199.
- 2 Cammen KM, KR Andrews, EL Carroll, AD Foote, E Humble, JI Khudyakov, M Louis, MR McGowan, MT Olsen, **AM Van Cise**. 2016. Genomic methods take the plunge: recent advances in high-throughput sequencing of marine mammals. *Journal of Heredity* 107(6): 481-495.
- 1 Bagulayan, A, JN Bartlett-Roa, AL Carter, BG Inman, EM Keen, EC Orenstein, NV Patin, KNS Sato, EC Sibert, AE Simonis, **AM Van Cise**, and PJS Franks. 2012. Journey to the center of the gyre: the fate of the Tohoku Tsunami debris field. *Oceanography* 25(2):200–207.

TECHNICAL REPORTS

- 6 **Van Cise, AM**, CS Baker, M Oremus, M Poole, P Rosel, R Fielding, RW Baird, EM Oleson, A Mignucci, S Cerchio, J Marrero, KK Martien, PA Morin. 2017. Global mitogenome and nuclear SNP phylogeography of short-finned pilot whales. Prepared for the U.S. Pacific Fleet Environmental Readiness Office. 20 pp.
- 5 **Van Cise, AM**, PA Morin, RW Baird, EM Oleson, KK Martien. 2016. Relatedness and genetic structure in island-associated and pelagic short-finned pilot whales. Appendix in Hill et al. 2016. Cetacean Monitoring in the Mariana Islands Range Complex, 2015. Prepared for the U.S. Pacific Fleet Environmental Readiness Office. PIFSC Data Report DR-16-01.36 pp. + Appendix
- 4 Morin, PA, **AM Van Cise**, KK Martien. 2015. Mitogenome phylogeography of short-finned pilot whales in the North Pacific, with reference to the Mariana Islands. Appendix II in Hill et al. 2015. Cetacean Monitoring in the Mariana Islands Range Complex, 2014. Prepared for the U.S. Pacific Fleet Environmental Readiness Office. PIFSC Data Report DR-15-003. 56 pp. + Appendices.

- 3 Martien, KK, MC Hill, **AM Van Cise**, KM Robertson, SM Woodman, L Dollar, VL Pease, EM Oleson. 2014. Genetic diversity and population structure in four species of cetaceans around the Mariana Islands. NOAA-TM-NMFS-SWFSC-536. La Jolla, CA.
- 2 **Van Cise, AM** (ed.). 2011. AMLR 2009/10 Field Season Report: Objectives, Accomplishments and Tentative Conclusions. NOAA-TM-NMFS-SWFSC-47. La Jolla, CA.
- 1 **Van Cise, AM** (ed.). 2009. AMLR 2008/09 Field Season Report: Objectives, Accomplishments and Tentative Conclusions. NOAA-TM-NMFS-SWFSC-445. La Jolla, CA.

INVITED PRESENTATIONS

- 10 **NOAA Alaska Fisheries Science Center**. Seminar: Building Bridges: New marine mammal research and collaborative opportunities at UW. March 2025
- 9 **4th Genomics Workshop, 25th Biennial Conference on the Biology of Marine Mammals**. Invited talk: Best practices for preserving marine mammal biological samples in the ‘omics era. November 2024.
- 8 **University of Washington, Biology Department Seminar Series**. Seminar: The role of sociality in ecology, evolution and conservation of marine mammals. Nov 2023.
- 7 **University of Washington MARBIO 301B Seminar Series**. Guest Seminar: Social behaviors in cetaceans. Feb 2023.
- 6 **University of British Columbia, Institute for the Oceans and Fisheries Seminar Series**. Seminar: The role of sociality in ecology, evolution, and conservation. Jan 2023.
- 5 **2nd Workshop on eDNA research in marine mammals, 24th Biennial Conference on the Biology of Marine Mammals**. Invited talk: Beyond the barcode: what can fecal DNA tell us about prey stocks, abundance, and more? A test case in Southern Resident killer whales. 2022.
- 4 **University of Washington, School of Aquatic and Fisheries Sciences Seminar Series**. Seminar: The role of sociality in ecology, evolution, and conservation. 2022.
- 3 **Oregon State University, Department of Fisheries, Wildlife and Conservation Seminar Series**. Seminar: The ‘omics prism: a multi-faceted lens into the evolutionary ecology of cetaceans. 2022.
- 2 **Woods Hole Oceanographic Institution, Biology Department Seminar Series**. Seminar: The role of sociality in ecology, evolution, and conservation. 2020.
- 1 **3rd Workshop on genomic research in marine mammals, 23rd Biennial Conference on the Biology of Marine Mammals**. Invited talk: Through the looking glass: Using microbiomes to peer into cetacean ecology and health. 2019.

CONTRIBUTED PRESENTATIONS (20 first-author, selected shown)

- 13 **Van Cise, AM**, M Galaska, D Baetscher, K Ledger, K Stafford, S Danielson, W Larson, K Iken. Advancing eDNA for the detection of marine mammals in the Arctic. Oral Presentation: Arctic Ecosystems Research Meeting, 2025.
- 12 **Van Cise, AM**, M Galaska, D Baetscher, K Ledger, K Stafford, S Danielson, W Larson, K Iken. Leveraging complementary advanced technologies to improve detection of rare species. Poster Presentation: Alaska Marine Science Symposium, 2025.
- 11 **Van Cise, AM**, B Hanson, C Matkin, C Emmons, D Olsen, A Wells, KM Parsons. Spatial and seasonal foraging patterns drive diet differences among North Pacific resident killer whale populations. Oral Presentation: 25th Biennial Conference on the Biology of Marine Mammals, 2024.
- 10 **Van Cise, AM**, PA Morin. Genomic signatures of divergence and admixture in pilot whales (*Globicephala* spp.). Poster presentation: Society for Molecular Biology and Evolution Satellite Meeting: Molecular Evolution in Small Populations, 2023.

- 9 **Van Cise, AM**, B Hanson, C Emmons, KM Parsons. Beyond the barcode: what can fecal DNA tell us about prey stocks, abundance, and more? A test case in Southern Resident killer whales. Oral Presentation: 24th Biennial Conference on the Biology of Marine Mammals, 2022.
- 8 **Van Cise, AM**, C Matkin, D Olsen, KM Parsons. Using genetic prey barcodes to uncover the diet of Alaska resident killer whales from fecal samples. Oral Presentation: Alaska Marine Science Symposium, 2022.
- 7 **Van Cise, AM**, P Wade, ... A Apprill. Skin microbiome of beluga whales: spatial, temporal, and health-related dynamics. Oral Presentation: Alaska Marine Science Symposium, 2021.
- 6 **Van Cise, AM**, P Wade, ... A Apprill. Through the looking glass: Using microbiomes to peer into beluga health. Oral Presentation: Ocean Sciences, 2020.
- 5 **Van Cise, AM**, RW Baird, CS Baker, ... PA Morin. Oceanographic barriers, divergence, and admixture: Phylogeography and taxonomy of two putative subspecies of short-finned pilot whale. Oral Presentation: 23rd Biennial Conference on the Biology of Marine Mammals, 2019.
- 4 **Van Cise, AM**, PA Morin, KK Martien, RW Baird, SD Mahaffy, EM Oleson, TA Mooney, DL Webster, J Barlow. Song of my people: Dialect differences among sympatric socio-genetic groups of Hawaiian short-finned pilot whales. Oral Presentation: 22nd Biennial Conference on the Biology of Marine Mammals, 2017.
- 3 **Van Cise, AM**, KK Martien, RW Baird, SD Mahaffy, EM Oleson, PA Morin. Gene-culture co-diversity: Nuclear SNPs reveal link between social and genetic structure in Hawaiian short-finned pilot whales. Oral Presentation: Global Biodiversity Genomics Conference.
- 2 **Van Cise, AM**, KK Martien, RW Baird, EM Oleson, PA Morin. Family Ties: Nuclear SNPs reveal link between social and genetic structure in Hawaiian short-finned pilot whales. Workshop presentation: 21st Biennial Conference on the Biology of Marine Mammals, 2015.
- 1 **Van Cise, AM**, KK Martien, RW Baird, KM Robertson, SJ Chivers, PA Morin. Piloting the Pacific: Population structure in short-finned pilot whales in the Pacific Ocean. Oral presentation: 20th Biennial Conference on the Biology of Marine Mammals, 2013.

PENDING SUPPORT

2026-2028	North Pacific Research Board	\$470,000
	Principal Investigator	
2026-2028	NSF DEB Evolutionary Processes Cluster	\$652,000
	Principal Investigator	

FUNDED RESEARCH SUPPORT

2026-2030	NOAA/CICOES	\$2.7M
	Principal Investigator	
2025-2026	UW RRF	\$39,500
	Principal Investigator	
2024-2027	NASA/ONR/UAF	\$75,004
	Subaward PI	
2024-2026	NOAA/CICOES	\$320,615
	Principal Investigator	
2024-2026	Alaska Department of Fish and Game	\$200,000
	Principal Investigator, Cooperative Agreement	
2024	Rose Foundation Orca Fund	\$75,000
	Principal Investigator	
2022-2026	ONR Multidisciplinary University Research Initiative	\$4.8M
	Co-author/Co-Investigator	

2021-2023	ONR DEI Initiative Co-author/collaborator	\$255,000
2021-2023	ARPA-E/Marine Biological Laboratory Subaward PI	\$78,197
2019	Marine Alliance for Science and Technology in Scotland Fellowship Fellowship	\$9,937
2018-2019	Woods Hole Oceanographic Institution Postdoctoral Scholar Award Fellowship	\$96,000

FIELD WORK

Beaked Whale Population Assessment Survey <i>NOAA Northwest Fisheries Science Center</i> <i>Marine mammal observer</i>	Elbow Cay, The Bahamas 2022 May 31 – June 13
Pacific Marine Assessment Program for Protected Species (PacMAPPS) <i>NOAA Alaska Fisheries Science Center</i> <i>Marine mammal observer and photo identification</i>	Gulf of Alaska 2021 July 19 – Aug 27
Hawaiian Odontocete Survey <i>Cascadia Research Collective</i> <i>Marine mammal observer</i>	Kauai, HI 2020 Feb 6 – 18
Humpback Whale Survey <i>NOAA Pacific Islands Fisheries Science Center</i> <i>Marine mammal observer</i>	Mariana Islands 2019 Jan 5 – 24
Hawaii Island Cetacean Assessment Survey (HICEAS) <i>NOAA Pacific Islands Fisheries Science Center</i> <i>Marine mammal observer and biopsy collection</i>	Hawaiian Islands/NWHI 2017 July 4 – Sep 5
Harbor Porpoise Population Assessment Survey <i>NOAA Marine Mammal Lab</i> <i>Marine mammal observer and eDNA collection</i>	SE Alaska 2016 Sep 6 – 21
Collaborative Large Whale Assessment Survey (CLaWS) NOAA Southwest Fisheries Science Center <i>Marine mammal observer and biopsy collection</i>	California Current 2015 Oct 25 – Nov 9
Hawaiian Odontocete Survey <i>SIO/Independent graduate survey</i> <i>Chief Scientist and marine mammal observer</i>	Kona, HI 2015 June 26 – July 6
California Current Cetacean Ecosystem Assessment Survey (CalCurCEAS) <i>NOAA Southwest Fisheries Science Center</i> <i>Passive acoustic technician</i>	California Current 2014 Sep 24 – Oct 18
Hawaiian Odontocete Survey <i>Cascadia Research Collective</i> <i>Marine mammal observer</i>	Kona, HI 2013 Oct 17 – 30
Hawaiian Odontocete Survey <i>Cascadia Research Collective</i> <i>Marine mammal observer</i>	Kauai, HI 2013 July 25 - Aug 3

Hawaiian Odontocete Survey <i>Cascadia Research Collective</i> <i>Marine mammal observer</i>	Kona, HI 2013 May 9 – 29
Hawaiian Odontocete Survey <i>Cascadia Research Collective</i> <i>Marine mammal observer</i>	Kona, HI 2012 Aug 12 – 19
Behavioral Response Survey (ONR BRS) <i>NOAA Southwest Fisheries Science Center Cascadia Research Collective</i> <i>Marine Mammal Observer</i>	Channel Islands 2012 Jul 25 – Aug 9
Antarctic Marine Living Resources Survey (AMLR) <i>NOAA Southwest Fisheries Science Center</i> <i>Zooplankton, phytoplankton, oceanography, seal scat technician Outreach coordinator</i>	Southern Ocean 2011 Feb – Mar
Antarctic Marine Living Resources Survey (AMLR) <i>NOAA Southwest Fisheries Science Center</i> <i>Zooplankton, phytoplankton and fur seal scat technician</i>	Southern Ocean 2010 Jan – Mar
Antarctic Marine Living Resources Survey (AMLR) <i>NOAA Southwest Fisheries Science Center</i> <i>fur seal scat technician</i>	Southern Ocean 2009 Jan - Feb

MENTORSHIP

Postdoctoral Mentees

Role	Name	Project Title	Start	Completion
Supervisor	Tania Valdivia Carillo	Modelling the spatial distribution of cetaceans using eDNA detections	2023	2024

Graduate Student Mentees

Role	Name	Dissertation Title	Start	Completion
Co-chair PhD	Arial Brewer	Acoustics and genetics in Cook Inlet beluga	2020	Ongoing
Chair	Mollie Ball	Diet and microbiome in marine mammals	2025	Ongoing

Graduate Student Committees

Degree	Committee role	Name	University	Start	Completion
MS	Member	Zach Bengtsson	University of Washington	2021	Ongoing
PhD	Member	Katherine Ladin	University of Washington	2024	Ongoing
MS	Graduate Student Representative	Amanda Rockiky	University of Washington	2024	Ongoing
PhD	Member	Connor Whalen	University of Washington	2023	Ongoing
PhD	Member	Kristina Randrup	University of Washington	2023	Ongoing

Undergraduate Mentees

Sofia Kaiaua, UW LSAMP Undergraduate intern and independent research project | **Mollie Ball**, UW Undergraduate work study student | **Sophia Garrote**, UW LSAMP Undergraduate intern and independent research project | **Elijah Ward**, In FISH! Undergraduate intern | **Adrian Reed**, WHOI PEP student | **Hadley Clark**, WHOI Guest Student **Lianna Montgomery**, WHOI intern | **Shayna Brody**, MAS student mentee, SIO CMBC | **Allison Lee**, MAS student mentee, SIO CMBC | **Tiffany Lowe**, BS intern, UCSD | **Grace Teller**, MS student mentee, SIO | **Alicia Amerson**, MAS student mentee,

SIO CMBC | **Brett Garner**, MAS student mentee, SIO CMBC | **Sarah Urata**, MS intern, UCSD; **Madeline Perez**, intern, High Tech High | **Lisa Valtierra**, intern, High Tech High | **Alaine Ibarreche**, BS intern, University of San Diego

Student Grants, Scholarships, and Awards

- 2024 Mollie Ball, First Place, SACNAS Student Presentation Competition
- 2024 Arial Brewer, UW Graduate School Graduate Student Conference Travel Award (\$1500)
- 2024 Arial Brewer, UW School of Aquatic and Fishery Sciences Student Travel Award (\$500)
- 2024 Arial Brewer, NPRB Graduate Research Fellowship (\$26,000)

TEACHING

Instructor, University of Washington

			Student evaluation scores		
Course Name	Course Number	Quarter	Response rate	Combined median	Adjusted combined median
Evolutionary Ecology of Marine Mammals	FISH 497	Spring 2025	90%	4.9	4.8
Evolutionary Ecology of Marine Mammals	FISH 497	Spring 2024	95%	5.0	4.9
Evolutionary Ecology of Marine Mammals	FISH 497	Spring 2023	57%	4.9	4.5

Recent Guest Lectures

- 2025 FISH 522 Hot Topics in Aquatic and Fishery Science
- 2025 SMEA 591 Marine Science and the Coastal Zone
- 2024 FHL 375 Marine Mammals of the Salish Sea
- 2024 FISH 522 Hot Topics in Aquatic and Fishery Sciences
- 2023 MARBIO 301 Current Topics in Marine Biology
- 2023 FISH 522 Hot Topics in Aquatic and Fishery Sciences

UW SERVICE

- Member, SAFS Seminar Committee, 2025
- Member, SAFS Recruitment, Admissions, and Scholarship Committee, 2022 - present
- Member, Search Committee, Assistant Teaching Professor in Marine Biology, SAFS, 2024-2025
- Chair, SAFS/CoE Hyak Users Group, 2023 - present

OUTREACH

- Moderator/Coordinator**, Experiences of Women in Marine Mammal Science 2022
- Panel to increase visibility around women’s experiences within the Society for Marine Mammalogy
 - Attendance > 600 members

- Panel Member**, Workshop on Women in Marine Mammal Science 2017
- Conference workshop assessing and highlighting the experiences of women in marine mammal science

- Scientific Expert**, Various: ongoing
- NPR’s Living Lab Radio, NPR’s But Why: A Podcast for Kids, KUOW’s Spectacular Specimens, CBC Radio, KOMO 4 News, KPBS News, Scientific American

CURRENT/RECENT SYNERGISTIC ACTIVITIES

SRKW regional research collaboration

Organizer

2025 - present

Undergraduate Research Collective

Mentor

2025 - present

Methods in Ecology and Evolution Special Issue

Guest Editor, Advances in eDNA approaches for rare targets

2025 – 2026

3rd Marine Mammal eDNA Workshop, SMM Biennial Conference

Organizer

December 2024

Northwest Student Chapter of the Society for Marine Mammalogy

Faculty Sponsor

2024 – present

Society for Marine Mammalogy Diversity Committee

Charter Member, Women and Families Subcommittee Chair

2018 – present

Women in Marine Mammal Science (WIMMS)

Member

2018 – present

NOAA Team for Inclusion, Diversity and Equity (TIDE)

Working Group Member

2021 – 2022

Woods Hole Diversity Advisory Committee

Working Group Member

2018 – 2019

Partnership Education Program

Undergraduate Mentor

2018 – 2019

REVIEWER ACTIVITIES

Molecular Ecology | PLOS-One | Marine Ecology | Marine Mammal Science | Journal of the Acoustical Society of America | Aquatic Mammals | Aquatic Conservation | Journal of Heredity | Royal Society Open Science | Molecular Ecology Progress Series | Bioacoustics | Journal of Marine Science | Marine Ecology Progress Series