



SIMON FRASER
UNIVERSITY

Kieran D. Cox

Liber Ero and NSERC Postdoctoral Fellow

Simon Fraser University

Curriculum Vitae

Updated: March 2023



Education

| | |
|---|-----------|
| • Ph.D. in Biology University of Victoria | 2015-2021 |
| • B.Sc. Biology University of Victoria | 2011-2014 |
| • General Biology Okanagan College, University Transfer | 2008-2011 |

Professional Experience

| | |
|--|--------------|
| • Liber Ero and NSERC Postdoctoral Fellow Simon Fraser University, Dr. Isabelle M. Côté | 2022-present |
| • Research Associate Fisheries and Oceans Canada, Dr. Sarah Dudas | 2020 |
| • Link Fellow The Smithsonian Institute and Link Foundation, Drs. Valerie Paul and Emmet Duffy | 2018-2019 |
| • Research Associate University of Victoria, Dr. Natalie Ban | 2015 |
| • Research Assistant, NSERC USRA University of Victoria, Dr. Francis Juanes | 2015 |
| • Research Assistant, Scientific Diver, Lead Diver University of Victoria, Dr. Julia Baum | 2014-2015 |

Research Grants and Funding: \$1,165,250 CAD

| | | |
|---|-----------|-----------|
| • Fisheries and Oceans Canada, Ocean Management Fund FishSounds Educate Francis Juanes, Kieran Cox , Sarah Vela, Amalis Riera, Audrey Looby, Charles Martin, Laura Reynold | \$218,500 | 2022-2024 |
| • Fisheries and Oceans Canada, Ecosystem and Science Framework Sound Management: Integrating Marine Bioacoustics into Spatial Planning. *Isabelle Côté, * Kieran Cox , Natalie Ban, Hussein Alidina, Francis Juanes, Aaron Rice. *Co-Principal Investigator | \$201,250 | 2022-2025 |
| • The Natural Sciences and Engineering Research Council Supplement for Research in the Field of Impact Assessment | \$10,000 | 2022-2023 |
| • Liber Ero Foundation Liber Ero Postdoctoral Fellowship | \$170,000 | 2022-2024 |

| | | |
|--|-----------|-----------|
| • The Natural Sciences and Engineering Research Council Banting Postdoctoral Fellowship (Declined) | \$140,000 | 2022-2024 |
| • The Natural Sciences and Engineering Research Council NSERC Postdoctoral Fellowship | \$90,000 | 2022-2024 |
| • University of Victoria Montalbano Scholars Fellowship | \$30,000 | 2018-2021 |
| • Fisheries and Oceans Canada, National Contaminants Advisory Group Trophic Transfer of Microplastic Within Coastal Environments Francis Juanes, Kieran Cox , Garth Covernton, Sarah Dudas | \$130,000 | 2018-2020 |
| • Link Smithsonian Fellowship The Relationship Between Habitat Complexity and Marine Biodiversity Kieran Cox , Valarie Paul, Emmett Duffy | \$8,500 | 2018-2019 |
| • The Natural Sciences and Engineering Research Council Postgraduate Scholarship-Doctoral (PGS D) | \$63,000 | 2017-2020 |
| • The PADI Foundation Marine Ecosystems Responses to First Nation Clam Gardens | \$4,000 | 2017 |
| • The Hakai Institute, Soft-Sediment Biodiversity Scholarship and Research Funding Sarah Dudas, Kieran Cox | \$100,000 | 2016-17 |

Awards and Honours: \$50,900 CAD

| | | |
|---|----------|-----------|
| •UVic President's Research Scholarship | \$16,000 | 2017-2020 |
| •UVic President's Fellowship Research-Enriched Teaching | \$5,000 | 2020 |
| •The Randy Baker Memorial Scholarship | \$450 | 2020 |
| •Aquaculture Association of Canadian, Student Scholarship | \$1,000 | 2016 |
| •UVic Graduate Award | \$15,000 | 2015-2017 |
| •Natural Sciences and Engineering Research Council, USRA | \$6,000 | 2015 |
| •Dr. Michael Bigg Memorial Bursary | \$450 | 2013 |
| •Irving K Barber, Transfer Scholarship | \$5,000 | 2011 |
| •Ruther Sutherlands Memorial Award | \$1,000 | 2010-2011 |
| •South Okanagan Environmental Award | \$1,000 | 2009-2011 |

Peer-Reviewed Publications Total: 27 | 1st Author: 7 | Citations: 1580 | h-index: 14

2023

27. Looby, A., Vela, S., **Cox, K.D.**, Riera, A., Bravo, S., Davies, H.L., Rountree, R., Reynolds, L.K., Martin, C.W., Matwin, S. and Juanes, F., 2023. FishSounds Version 1.0: A website for the compilation of fish sound production information and recordings. *Ecological Informatics*, 74:101953.

2022

26. Covernton, G.A., **Cox, K.D.**, Fleming, W., Buirs, B., Dudas, S.E., Juanes, F., and Dower, J.F., 2022. Large size (>100-µm) microplastics are not biomagnifying in coastal marine food webs of British Columbia, Canada. *Ecological Applications*.

25. Looby, A., **Cox, K.D.**, Bravo, S., Rodney, R., Juanes, F., Reynolds, K.L., and Martin, W.C. 2022. A Quantitative Inventory of Global Soniferous Fish Diversity. *Reviews in Fish Biology and Fisheries*. 32: 581-595.

24. Schang, K., **Cox, K.D.**, and J Trant, J.A. 2022. Habitation sites influence tree community assemblages in the Great Bear Rainforest, British Columbia, Canada. *Frontiers in Ecology and Evolution*. 791047

2021

23. **Cox, K.D.**, Woods, M.B., and Reimchen, E.T., 2021. Regional Heterogeneity in Coral Species Richness and Hue Reveals Novel Global Predictors of Reef Fish Intra-Family Diversity. *Scientific Reports*, 11: 18275.

22. Covernton, G.A., Davies, H.L., **Cox, K.D.**, El-Sabaawi, R., Juanes, F., Dudas, S.E. and Dower, J.F., 2021. A Bayesian Analysis of the Factors Determining Microplastics Ingestion in Fishes. *Journal of Hazardous Materials*. 125405.

21. Nikolich, K., Halliday, W.D., Pine, M.K., **Cox, K.**, Black, M., Morris, C. and Juanes, F., 2021. The Sources and Prevalence of Anthropogenic Noise in Rockfish Conservation Areas with Implications for Marine Reserve Planning. *Marine Pollution Bulletin*, 164: 112017.

20. Davies, H.L., Robb, H., **Cox, K.D.**, Covernton, G.A., Eastham, T.M., Alexander, H.J. and Juanes, F., 2021. A Preliminary Analysis of Ingestion and Egestion Of Microplastic Fibres in the Acorn Barnacle *Balanus glandula*. *Journal of Experimental Marine Biology and Ecology*. 151589: 542-543.

2020

19. Whalen A.M., Millard-Martin, R.B., **Cox, K.D.**, Lemay, A.M., and Paulay, G. 2020. Poleward Range Expansion of Invasive Parasite, *Orthione griffenis* Markham 2004, confirmed by Establishment in Central British Columbia, Canada. *BioInvasions Records*. 9.

18. Mouy, X., Black, M., **Cox, K.D.**, Qualley, J., Mireault, C., Dosso, S. and Juanes, F. 2020. Fishcam: A Low-Cost Open Source Autonomous Camera of Aquatic Research. *HardwareX*. E00110.

17. Claar, D.C., Tietjen, K., **Cox, K.D.**, R.D. Gates, and J.K. Baum. 2020. Chronic Disturbance Modulates Symbiont Beta Diversity on Coral Reefs. *Scientific Reports*. 10: 4492.

16. Osgood, G.J., Timmer, B., **Cox, K.D.**, Juanes, F., and Baum, J.K. 2020. Fractionation of $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ in the Embryos of the Ovoviviparous Bluntnose Sixgill Shark *Hexanchus griseus*. *Journal of Fish Biology*. 96: 1060-1064.

15. **Cox, K.D.**, Davies, H.L., Davidson, K., Gerwing, T.G., Dudas, S.E., and Juanes, F. 2020. Shellfish Subsidies Along the Pacific Coast of North America. *Ecography*. 43: 668-681.

14. Gerwing, T.G., **Cox, K.D.**, Allen Gerwing, A.M., Campbell, L., MacDonald, T., Dudas, S.E., and Juanes, F. 2020. Varying Intertidal Invertebrate Taxonomic Resolution Does Not Influence Ecological Findings. *Estuarine, Coastal and Shelf Science*. 232:106516.

2019

13. Covernton, G., and **Cox, K.D.**, Commentary on: Abundance and Distribution of Microplastics Within Surface Sediments of a Key Shellfish Growing Region of Canada. 2019. *Plos One*. 14: e0225945. *Authors contributed equally*.

12. **Cox, K.D.**, Gerwing, T.G., MacDonald, T., Hessing-Lewis, M., Millard-Martin, B., Command, J.R., Juanes, F., and Dudas, S.E. 2019. Infaunal Communities Responses to Ancient Clam Gardens. *ICES Journal of Marine Science*. 76: 2362-2373.

11. **Cox, K.D.**, Covernton, G., Davies, H.L., Dower, J., Juanes, F., and Dudas, S.E. Human Consumption of Microplastics. 2019. *Environmental Science and Technology*. 53: 7068-7074. *Altmetric Score ~2500, F1000 Recommended, highly cited research designation*.

10. Holden, J., Collicutt, B., Covernton, G., **Cox, K.D.**, Lancaster, D., Dudas, S.E., Ban, N., and Jacob, A. 2019. Synergies on the Coast: Challenges Facing Shellfish Aquaculture Development on the Central and North Coast of British Columbia. *Marine Policy*. 101: 108-117.

2018

9. Gerwing, T.G., Campbell, L., Allen Gerwing, A.M., Allen, S., **Cox, K.D.**, Rogers, M., Gray, O., Drewes, M., and Juanes, F., 2018. Impact of Logging on Intertidal Infaunal Communities within the Kitimat River Estuary. *Journal of Natural History*. 52: 2833-2855.
8. Gerwing, T.G., Allen Gerwing, A.M., MacDonald, T., **Cox, K.D.**, Juanes, F., and Dudas, S.E. 2018. Assessing the Relationship between Community Dispersion and Disturbance in a Soft-Sediment Ecosystem. *Marine Ecology*. 39: e12505.
7. **Cox, K.D.**, Brennan, L., Gerwing, T.G., Dudas, S.E., and Juanes, F. 2018. Sound the alarm: A Meta-Analysis on the Effect of Aquatic Noise on Fish Behavior and Physiology. *Global Change Biology*. 24: 3105-3116.

2017

6. **Cox, K.D.**, Black, M., Filip, N., Miller, M., Mohns, K., Mortimor, J., Ricardo, T., Greiter Loerzer, R., Gerwing, T.G., Juanes, F., and Dudas, S.E. 2017. Community Assessment Techniques and the Implications for Rarefaction and Extrapolation with Hill Numbers. *Ecology and Evolution*. 7: 11213-11226.
5. Gerwing, T.G., **Cox, K.D.**, Allen-Gerwing, A.M., Carr-Harris, C.N., Dudas, S.E., and Juanes, F. 2017. Depth to The Apparent Redox Potential Discontinuity (Arpd) As A Parameter of Interest in Marine Benthic Habitat Quality Models. *International Journal of Sediment Research*. 33: 149-156.
4. Gerwing, T.G., Allen Gerwing, A.M., **Cox, K.D.**, Dudas, S.E., and Juanes, F. 2017. Relationship Between Apparent Redox Potential Discontinuity (Arpd) Depth and Environmental Variables in Soft-Sediment Habitats. *International Journal of Sediment Research*. 32: 472-480.
3. Gerwing, T.G., Allen Gerwing, A.M., MacDonald, T., **Cox, K.D.**, Juanes, F., and Dudas, S.E. 2017. Intertidal Soft-Sediment Community Does Not Respond to Disturbance as Postulated by the Intermediate Disturbance Hypothesis. *Journal of Sea Research*. 129: 22-28.
2. Gerwing, T.G., and **Cox, K.D.** 2017. Erosion of Trust in Government Consultation will Impede the Creation of Environmental Policy. *Marine Policy*. 83: 126-127.

2016

1. Reimchen, E.T., and **Cox, D.K.** 2016. Differential Temperature Preferences of Vertebral Phenotypes in *Gasterosteus*. *Canadian Journal of Zoology*. 94: 1-5.

Forthcoming Peer-Reviewed Publications

- Mouy, X., Black, M., **Cox, K.D.**, Qualley, J., Dosso, S., and Juanes, F. (*In Revision*). Identification of Fish Sounds in the Wild Using a Set of Portable Audio-Video Arrays. *Methods in Ecology and Evolution*.
- Engleman, A*, **Cox, K.D.***, and Brooke, S. (*In Revision*). 3D Reconstructions Reveal Structural Differences Between Live and Dead Coral: Implications for Reef Ecology. *PeerJ*. *Authors contributed equally.
- **Cox, K.D.**, Looby, A., Davies, H., Murchy, K.A., Spriel, B., Rice, A.N., Juanes, F., and Côté, I.M. (*Submitted*) Military Training in the Canadian Pacific: Taking Aim at Critical Habitat or an Example of Sufficient Risk Mitigation?

Editorial Reviewed Publications

- Looby, A., **Cox, K.D.**, Bravo, S., Rountree, R., Juanes, F., Riera, A., Vela, S., Davies, H.L., Reynolds, L.K., and Martin, C.W. (*In Press*). Fish Sound Production Research: Historical Practices and Ongoing Challenges. *Proceedings of Meetings on Acoustics*
- **Cox, K.D.**, Looby, A., Vela, S., Riera, A., Bravo, S., Davies, H.L., Rountree, R., Spriel, B., Reynolds, L.K., Martin, C.W., Matwin, S. and Juanes, F. (*In Press*). FishSounds Version 1.1: Data Archive, User Experience, and Online Resources. *Proceedings of Meetings on Acoustics*

- Covernton, G.A., **Cox, K.D.**, Fleming, W.L., Buirs, B.M., Davies, H.L., Juanes, F., Dudas, S.E. and Dower, J.F., 2022. Do larger microplastics biomagnify in the digestive tracts of coastal marine animals? *The Bulletin of the Ecological Society of America*. BES22001
- Holmes, K., **Cox, K.D.**, Cline, A., Hatch, M., Black, M., Salomon, A., Lepofsky, D., Nicole, S., and Dudas, S.E. 2020. Ancient Ecology: The Quadra Island Clam Gardens. *Fisheries*. 45: 151-156.
- Murchy, K.A., Davies, H., Shafer, H., **Cox, K.**, Nikolich, K., Juanes, J. 2019. Impacts of Noise on the Behavior and Physiology of Marine Invertebrates: A Meta-Analysis. *Proceedings of Meetings on Acoustics*. 37: 040002
- **Cox, K.D.**, 2017. The Unique Ecology of Lembah Strait, Indonesia. *Fisheries*. 42: 519-525.
- Chalifour, L., Black, M., **Cox, K.D.**, Schroeder, S., Juanes, F. 2017. Review of "Ecology of Salmonids in Estuaries around the World: Adaptations, Habitats, and Conservation" by Colin D. Levings. *Fish and Fisheries*. 18: 790-791.
- **Cox, K.D.** and Bright, J. 2017. Raja Ampat: A Biodiversity Hot Spot and the Future of Marine Conservation. *Fisheries*. 42: 462-467.
- **Cox, D.K.**, Brennan, L., Dudas, S.E., and Juanes, F. 2016. Assessing the Effect of Aquatic Noise on Fish Behavior and Physiology: A Meta-Analysis Approach. *Proceedings of Meetings on Acoustics*. 27: 010024.
- Sopinka, N. and **Cox, K.D.** 2016. Back Page Photo Series: Boundaries. *Fisheries*. 41: 659-660.

Published Photography

- **Cox, K.D.** 2018. *Marine and Coastal Fisheries*, Journal Cover. 10.
- **Cox, K.D.** 2018. *Fisheries*, Journal Cover. 43.
- **Cox, K.D.**, and Bright, J. 2017. *Fisheries*, Journal Cover. 42.

Technical Reports

- Collicutt, B., Covernton, G., **Cox, K.D.**, Holden, J., Dudas, S.E. 2016. British Columbia Shellfish Aquaculture and Ecosystem Services: A Review. 59 pp.
- **Cox, K.D.**, Mohns, K., Dudas, S.E. Intertidal Biodiversity Annual Report 2015 Hakai Institute & Ecological Interaction Research Program. 86 pp.

Invited Seminars

- **Cox, K.D.** Unravelling Ocean Noise: Fish Sounds, Noise pollution, and Managing Soundscapes. Kamloops Naturalist Club. Kamloops, British Columbia, March 10, 2023.
- **Cox, K.D.** Sound Management: Integrating Bioacoustics into the Conservation of Canada's Aquatic Ecosystems. Delta Nature Society. Vancouver, British Columbia, March 7, 2023.
- **Cox, K.D.** Integrating Bioacoustics into the Conservation of Canada's Aquatic Ecosystems. Nature Vancouver. Vancouver, British Columbia, April 14, 2022.
- **Cox, K.D.** Unravelling Ocean Noise: Insights into Fish Sounds, Noise Pollution, and Managing Soundscapes. Simon Fraser University, Les Écologistes. Vancouver, British Columbia, April 7, 2022.
- **Cox, K.D.**, Juanes, F., and Dudas, S.E. Coastal Shellfish: Cultivation, Marine Subsidies, and Implications for Nearshore Biodiversity. Simon Fraser University, Les Écologistes. Vancouver, British Columbia, May 20, 2021.
- **Cox, K.D.**, Covernton, G., Davies, H.L., Dower, J., Juanes, F., and Dudas, S.E. Human Consumption of Microplastics. NOAA Science Seminar Series. September 19, 2019.
- **Cox, K.D.** Integrating 3D Habitat Models into Marine Ecosystem Assessments. Smithsonian Marine Station, Seminar Series. Fort Pierce, Florida, November 13, 2018.

Conference Presentations

- Mouy, X., Black, M., **Cox, K.**, Qualley, J., Dosso, S. and Juanes, F., 2022. Comparison of three portable volumetric arrays to localize and identify fish sounds in the wild. Acoustical Society of America Meeting. Denver, Colorado, May 22-27, 2022
- Looby, A.*, **Cox, K.D.**, Gonzalez Bravo, S., Rountree, R., Juanes, F., Martin, C.W., Reynolds, L.K. The Ecological Importance and Remote Sensing Applications of Fish Sounds. North Florida Marine Science Symposium, St. Augustine, FL. January 24, 2020.
- Looby, A.*, **Cox, K.D.**, Rountree, R., Juanes, F., Martin, C.W., Reynolds, L.K. A global review of tested and reported sound production in fishes. Coastal and Estuarine Research Federation Conference, Mobile, AL. November 4, 2019.
- Mouy, X.*, Black, M., **Cox, K.D.**, Qualley, J., Juanes, F., and Dosso, S. Identifying fish sounds of British Columbia with an autonomous audio and video array. Acoustical Society of America Meeting. San Diego, California, 2–6 December 2019.
- Mouy, X.*, Black, M., **Cox, K.D.**, Qualley, J., Juanes, F., and Dosso, S. Identifying fish sounds of British Columbia with an autonomous audio and video array. Acoustical Society of America. PICES Annual Meeting. Victoria, British Columbia, October 16-27, 2019.
- Murchy, K.*, Davies, H., Shafer, H., **Cox, K.D.**, Nikolich, K., and Juanes, F. Impacts of Noise on The Behavior and Physiology of Marine Invertebrates: A Meta-Analysis. The International Conferences on the Effects of Noise on Aquatic Life. Den Haag, The Netherlands, July 7-12, 2019.
- **Cox, K.D.***, Juanes, F., and Dudas, S.E. Community Assessment Techniques and Implications for Diversity Indices and Species Accumulation Curves. Canadian Society for Ecology & Evolution Meeting 2017. Victoria, British Columbia. May 7 - 11, 2017.
- **Cox, K.D.**, Brennan, L., and Juanes, F.* The Effects of Anthropogenic and Biological Noise on Fish Behaviour and Physiology: a meta-analysis. Canadian Society for Ecology & Evolution Meeting 2017. Victoria, British Columbia. May 7 - 11, 2017.
- MacLennan, E.*, **Cox, K.D.**, Brittain, S., Nameth, B., and Juanes, F. Assessing the Behavioural Response of the Plainfin Midshipman to Anthropogenic Noise, and its Dependence on Habitat Complexity. Pacific Ecology and Evolution Conference, Bamfield, British Columbia, February 24-26, 2017.
- **Cox, K.D.***, Juanes, F., and Dudas, S.E. A Comparison of Substrate Ecosystem Assessment Techniques and the Implications from Commonly Used Biodiversity Metrics. Pacific Ecology and Evolution Conference, Bamfield, British Columbia, February 24-26, 2017.
- **Cox, K.D.**, Brennan, L., MacLennan, E., Dudas, S.E., and Juanes, F.* Assessing the effect of marine noise on fish behaviour and physiology: a case study and meta-analysis approach. The International Conferences on the Effects of Noise on Aquatic Life, Dublin, Ireland, July 10-16, 2016.
- **Cox, K.D.***, Dudas, S.E., and Juanes, F. Assessing the effects of contemporary and traditional shellfish aquaculture on marine biodiversity. The Salish Sea Ecosystem Conference, Vancouver, British Columbia, April 13-15th, 2016.
- **Cox, K.D.***, Dudas, S.E., and Juanes, F. 2016. The effects of shellfish aquaculture and First Nations clam gardens on species diversity and abundance. Pacific Ecology and Evolution Conference, Bamfield, British Columbia, February 24-26, 2016.

*Presenting Author

Media Coverage (selected from 170 total)

- The Globe and Mail. January 24, 2023. How a 'Biological Cacophony' of Fish Sounds Could Help Scientists Understand the Ocean World. Hina Alam

- The Toronto Star. January 24, 2023. Fish Sounds Could Help Scientists Understand Their Ocean World. Hina Alam
- CBC News. 'Grunts, growls and hums': B.C. Researchers Help Compile Online Database of Fish Sounds. Chad Pawson March 6, 2022.
- All Points West. March 4, 2022. Grunts, squeals, boops, and growls; Discover the undersea soundscape. Robyn Burns.
- North by Northwest. March 12, 2022. FishSounds with Kieran Cox. Sheryl Mackey
- Hakai Magazine. March 5, 2020. How Seashells Feed Trees. Christopher Pollon
- Nature. June 11, 2019. What a bottled-water habit means for intake of 'microplastics'. By Helen Shen
- TIME. June 6, 2019 Americans Eat and Inhale Over 70,000 Plastic Particles Each Year According to a New Analysis. By Mandy Oaklander
- Smithsonian Magazine. June 6, 2019. Americans May Be Ingesting Thousands of Microplastics Every Year. By Brigit Katz
- Science. June 5, 2019. Americans eat more than 50,000 tiny pieces of plastic every year. By David Shultz
- The Guardian. June 5, 2019. People eat at least 50,000 plastic particles a year, study finds. By Damian Carrington
- VICE. June 5, 2019. Microplastic Is Everywhere and It's Sneaking into Our Bodies. By Anne Gaviola
- National Geographic. June 5, 2019. You eat thousands of bits of plastic every year. By Sarah Gibbens.
- Smithsonian's National Museum of Natural History, FacebookLive. October 2, 2018, Behind-the-scenes at our Smithsonian Carrie Bow Cay Field Station. By Maggy Benson (Video)
- Aquaculture North America. June 26, 2018. Noise Pollution Overlooked in Fish Welfare. By Matt Jones
- Hakai Magazine. April 6, 2018. Marine Noise Is Mentally and Physically Disturbing Fish. By Richard Kemeny
- CBC News. March 31, 2018. Underwater Noise Pollution Disturbs Fish. By Greg Rasmussen
- Global News. March 28, 2018. New UVic Study Shows Noise Pollution Affects Marine Life (Video)
- Life at Hakai. January 30, 2017. Racing Tides. By Ami Kingdon

Teaching Experience

| | |
|---|-----------|
| • Animal Behaviour, Lab Instructor University of Victoria, Biology 335 | 2020 |
| • Ichthyology, Lab Instructor University of Victoria, Biology 335 | 2016-2020 |
| • Marine Population Ecology & Dynamics, Lab Instructor Bamfield Marine Science Centre, Marine 437 | 2019 |
| • Ichthyology, Lab Co-Coordinator University of Victoria, Biology 335 | 2019 |
| • Animal Structure & Function, Lab Instructor Bamfield Marine Science Centre, Marine 415 | 2016-2017 |
| • Animal Behaviour, Lab Instructor University of Victoria, Biology 335 | 2015 |

Journals Refereed

- Fish and Fisheries
- Science of the Total Environment
- Journal of Fish Biology
- Journal of Freshwater Biology
- PLOS One
- PeerJ
- Environmental Science and Technology
- Environmental Pollution
- Marine Pollution Bulletin
- Reviews in Fish Biology and Fisheries
- Estuarine, Coastal and Shelf Science

Students Mentored

- | | |
|---|--------------|
| •Hailey Davies, Ph.D. Candidate | 2019-Present |
| •Brittnie Spriel, FishSounds Educate Project Coordinator | 2023-Present |
| •Bridget Maher, Research Technician | 2022-Present |
| •Madeleine Springle, BSc Honours, Juanes Lab, UVic | 2019-2021 |
| •Brian Timmer, NSERC USRA, Juanes Lab, UVic | 2019 |
| •Wendy Fleming, NSERC USRA, Dower Lab, UVic | 2018-2019 |
| •Hailey Davies, NSERC USRA, UVic SURA, Research Assistant, Juanes Lab, UVic | 2016-20 |
| •Hailey Davies, Directed Studies, Juanes Lab, UVic | 2016 |
| •Eva MacLennan, BSc Honours, Juanes Lab, UVic | 2016-2017 |
| •Layla Olefs, Undergraduate Research Project, Vancouver Island University | 2016-2017 |
| •Quinn Bishop, Directed Studies, Juanes Lab, UVic | 2016 |
| •Lawrence Brennan, Directed Studies, Juanes Lab, UVic | 2015 |
| •Rylan Command, Directed Studies, Juanes Lab, UVic | 2015 |

Professional Certifications

- | | |
|---|--|
| •Canadian Association of Underwater Science Level 1 | •Dive Accident Management |
| •Canadian Association of Underwater Science Level 2 | •Marine First Aid CPR/AED Level C |
| •Small Vessel Operator Proficiency (SVOP) | •Restrictor Operators (Maritime Radio) |
| •Oxygen for Scuba Diving Injuries: DAN | •Marine Emergency Duties (MED A3) |
| •PADI Divemaster | •PADI Rescue Diver |