

Robert Levine

Ph.D. Candidate

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PROFESSIONAL PREPARATION

University of Washington	Seattle, WA	Biological Oceanography	Ph.D. (expected 2021)
Cornell University	Ithaca, NY	Geological Sciences	M.S., 2014
Cornell University	Ithaca, NY	Environmental Sciences	B.S., 2012

APPOINTMENTS

2016–present **Graduate Research Assistant**, School of Oceanography, University of Washington, Seattle, WA

2014–2016 **Advanced Sampling Technology Contractor**, NOAA AFSC, Seattle, WA

PUBLICATIONS

Relevant Publications

1. **Levine R**, De Robertis A, Grünbaum D, Woodgate R, Mordy C, Franz M, Cokelet E, Lawrence-Slavas N, Tabisola H. (2020). Autonomous vehicle surveys indicate that flow reversals retain juvenile fishes in a highly advective high-latitude ecosystem. *Limnology and Oceanography*. doi:10.1002/lno.11671.
2. **Levine R**, Seroy S, Grünbaum D. (2020). Sound and the Seafloor: Determining bathymetry using student-built acoustic sensors. *Oceanography*. doi:10.5670/oceanog.2020.305.
3. **Levine R**, Fogaren KE, Rudzin JE, Russoniello CJ, Soule DC, Whitaker JM. (2020). Open data, collaborative working platforms, and interdisciplinary collaboration: building an Early Career Scientist community of practice to leverage Ocean Observatories Initiative data to address critical questions in marine science. *Frontiers in Marine Science*. doi:10.3389/fmars.2020.593512.
4. Huntington HP, Danielson SL, Wiese FK, Baker M, Boveng P, Citta JJ, De Robertis A, Dickson DM, Farley E, George JC, Iken K, Kimmel DG, Kuletz K, Ladd C, **Levine R**, Quakenbush L, Stabeno P, Stafford KM, Stockwell D, Wilson C. (2020). Evidence suggests potential transformation of the Pacific Arctic ecosystem is underway. *Nature Climate Change*. doi:10.1038/s41558-020-0695-2.
5. De Robertis A, **Levine R**, Wilson CD. (2018). Can a bottom-moored echo sounder array provide a survey-comparable index of abundance? *Canadian Journal of Fisheries and Aquatic Sciences* 75:629–640. doi:10.1139/cjfas-2017-0013.

PRESENTATIONS

Relevant Conference Abstracts

1. **Levine R**, De Robertis A, Grünbaum D, Woodgate R, Mordy C, Cokelet E, Lawrence-Slavas N, Tabisola H. Summer 2018 repeat autonomous vehicle surveys indicate age-0

Arctic cod are largely retained over the Chukchi Sea shelf. Ocean Sciences, San Diego, CA. 2020.

2. Stopa J, Fogaren K, Kupchik MJ, **Levine R**, Philip BT, Rudzin JE, Russoniello CJ, Whitaker J. The Ocean Observatories Initiative: a catalyst for early-career, interdisciplinary research. OceanObs, Honolulu, HI. 2019.
3. **Levine R**, De Robertis A, Wilson C, Grünbaum D, Mordy C, Meinig C, Tabisola H. Observations of Fishes in the U.S. Continental Shelf Region of the Chukchi Sea from Autonomous Vehicles and Moorings. Alaska Marine Science Symposium, Anchorage, AK. 2019.
4. **Levine R**, De Robertis A, Wilson C, Farley E, Grünbaum D. Field Studies to Investigate the Fate of Juvenile Arctic Cod in the U.S. Continental Shelf Region of the Chukchi Sea. Ecosystem Studies of Subarctic and Arctic Seas Annual Science Meeting, Fairbanks, AK. 2018.
5. **Levine R**, Lawson GL, Wiebe PH, Lavery AC, Greene CH, Copley NJ. Temporal and spatial variability in euphausiid abundance and species composition at the northwest Atlantic shelf break and its canyons. Ocean Sciences, Honolulu, HI. 2014.

SYNERGISTIC ACTIVITIES

1. **Teaching:** Guest lecturer, Foundation of Ocean Sensors, UW (2019); Guest lecturer, Marine Zooplankton Ecology, UW (2019); Teaching assistant, Foundation of Ocean Sensors, UW (2018); Teaching assistant, Introductory Oceanography, Cornell University (2013, 2012); Teaching assistant, Marine Bioacoustics Workshop, Friday Harbor Laboratories (2013); Teaching assistant, Satellite Remote Sensing, Cornell University (2013, 2011)
2. **Awards:** Best Student Poster Presentation, Alaska Marine Science Symposium (2020); Science Communication Fellow, Pacific Science Center (2018); Graduate Conference Grant, Cornell University (2014); Bryan Isaacks Excellence in Teaching Award, Cornell University (2014)
3. **Service:** (*Conferences*) Session Chair Alaska Marine Science Symposium (2019); (*University*) Series organizer, Beyond Academia Speaker Series, UW (2020); Graduate representative, College of the Environment Student Advisory Council, UW (2019-2020); Senator, Graduate and Professional Student Senate, UW (2017-2020); Officer, Academic and Recreational Graduate Oceanographers, UW (2019)
4. **Workshops and Professional Development Programs:** Principles and Methods of Broadband/Wideband Technologies ICES Training Cours (2019); OOI Data Labs Development Workshop (2019); OOI Early Career Scientist Interdisciplinary Workshop (2019); OOI Early Career Biology Data Workshop (2018); UW Cabled Array Hack Week (2018); Friday Harbor Laboratories Bioacoustical Oceanography Workshop (2011)
5. **Outreach:** Instructor/developer, PublicSensors.org (2020); Meet a Polar Scientist, Pacific Science Center (2018–2020); UW College of the Environment Open House (2019); Polar Science Weekend, Pacific Science Center (2018, 2019); Ocean sensor high school program (2017, 2018);