

**Aileen M. Nimick**  
[animick@alaskapacific.edu](mailto:animick@alaskapacific.edu)

### Education

**M.Sc. Environmental Science**, 08/14 – present, Alaska Pacific University (APU), Anchorage, AK, GPA: 4.00  
Working Title: “Modeling fishing gear to address ‘more than minimal and not temporary’ fishing impacts to essential fish habitat” (**Advisor: Dr. Bradley P. Harris**)

**B.Sc. Biology (Marine)**, *magna cum laude*, 2013, Humboldt State University (HSU), Arcata, CA, GPA: 3.73

**B.Sc. Fisheries Biology (Marine)**, *magna cum laude*, 2013, HSU, Arcata, CA, GPA: 3.80

**Minor Certificate Scientific Scuba Diving**, 2013, HSU, Arcata, CA, GPA: 4.00

**Semester study abroad**, 02/11 – 06/11, University of Cape Town (UCT), Cape Town, South Africa

### Relevant Coursework

**APU:** Environmental Law, Environmental Ethics, Human Impacts in Marine Systems, Intro to Geographic Information Systems (GIS), Quantitative Methods for Environmental Science, Research Methods

**HSU:** Principles of Fishery Management, U.S. & World Fisheries, Fishery Science Communication, General Bacteriology, Ecology of Marine Fishes, Invertebrate Zoology, Intertidal Ecology, Phycology

### Publications

**Nimick A.M.**, and Harris B.P. 2016. Essential Fish Habitat Regulation in the United States: Lessons for High Latitudes. *The Yearbook of Polar Law Vol. 8*.

Kaiser M.J., Hilborn R., Jennings S., Amaroso R., Andersen M., Balliet K., Barratt E., Bergstad O.A., Bishop S., Bostrom J.L., Boyd C., Bruce E.A., Burden M., Carey C., Clermont J., Collie J.S., Delahunty A., Dixon J., Eayrs S., Edwards N., Fujita R., Gauvin J., Gleason M., Harris B.P., He P., Hiddink J.G., Hughes K.M., Inostroza M., Kenny A., Kritzer J., Kuntzsch V., Lasta M., Lopez I., Loveridge C., Lynch D., Masters J., Mazor T., McConnaughey R.A., Moenne M., Neat F., **Nimick A.M.**, Olsen A., Parker D., Parma A., Penney C., Pierce D., Pitcher R., Pol M., Richardson E., Rijnsdorp A.D., Rilatt S., Rodmell D.P., Rose C., Sethi S.A., Short K., Suuronen P., Taylor E., Wallace S., Webb L., Wickham E., Wilding S.R., Wilson A., Winger P., & Sutherland W.J. 2015. Prioritisation of knowledge needs to achieve best practices for bottom-trawling in relation to seabed habitats. *Fish and Fisheries*. doi: 10.1111/faf.12134

### Presentations

**Nimick, A.M.**, Harris, B.P., Rose, C.S., Smeltz, T.S. 2017. Adapting a fishing impacts model to simulate fishing gear modifications. Alaskan Marine Science Symposium (AMSS), Anchorage, AK (oral).

Harris, B.P., Rose, C.S., Sethi, S.A., Hammond, C.F., Zagorski, S., **Nimick, A.M.**, and Gauvin, J.R. 2016. Implementing change in the North Pacific bottom trawl groundfish fishery: sweep modifications success. Topic Group on Change Management at the International Council for the Exploration of the Sea (ICES) / Food and Agriculture Organization (FAO) Working Group on Fishing Technology and Fish Behaviour Meeting, Merida, Mexico.

**Nimick, A.M.** and Harris, B.P. 2016. Interpretation of essential fish habitat regulations in the United States. AMSS, Anchorage, AK (poster).

**Nimick, A.M.** and Harris, B.P. 2015. Interpretation of essential fish habitat regulations in the United States. Alaska Chapter American Fisheries Society (AFS) Annual Meeting, Homer, AK (poster).

**Nimick, A.M.** and Harris, B.P. 2015. Interpretation of essential fish habitat regulations in the United States. Eighth Polar Law Symposium, Fairbanks and Anchorage, AK (oral and poster).

### Research Experience

**Research Assistant:** APU, Anchorage, AK (08/14 – present) [also qualifies as Relevant Employment]

- Researching differences between fisheries management council’s regulatory interpretations of

adverse fishing effects to essential fish habitat.

- Developing a generic three-dimensional model for characterizing interactions between benthic features and fishing gear components.

**Senior Project:** HSU, Arcata, CA (08/12 – 05/13)

- Examined the feeding ecology of adult kelp greenling, cabezon, and lingcod from Saint George Reef, Del Norte County, CA, using stomach content analysis.

**Research Intern:** Oceans Research, Mossel Bay, South Africa (01/11)

- Studied white shark, whale, and seal behavior from boat and land and researched tonic sleep on small shark species.

### Teaching Experience

**Teaching Assistant:** Quantitative Methods / Advanced Statistics, APU, Anchorage, AK (02/16 – 04/16)

**Tutor:** Introductory Statistics, Pre-calculus, Calculus 1 & 2, HSU, Arcata, CA (08/10 – 12/10)

### Relevant Experience

**Assistant Program Manager:** APU Fisheries, Aquatic Science & Technology (FAST) Laboratory, Anchorage, AK (08/16 – present)

- Provide support to the Program Manager, Director, Principal Researcher, and fellow graduate students of the FAST Lab.

**Fish & Wildlife Technician II:** Sport Fisheries, Alaska Department of Fish & Game, Homer, AK (05/16 – 08/16)

- Identified and counted adult salmon using DIDSON, video, and live handling. Collected biological samples and floy tagged adult king salmon.

**Contractor:** FishNext Research, Anchorage, AK, (05/15 – 07/15)

- Analyzed video to determine if there is a relationship between sea whips and Pacific Ocean perch.

**Catalina Sea Camp Instructor:** Catalina Island Marine Institute, Toyon Bay, CA (05/13 – 08/13, 05/14 – 08/14)

- Assisted in teaching scuba diving courses as a National Association of Underwater Instructors (NAUI) Divemaster. Guided groups of children ages 8 – 12 on snorkel tours.

**Technical Intern:** Sandia National Laboratories, Albuquerque, NM (05/10 – 08/10, 06/11 – 08/11, 05/12 – 08/12)

- Managed records, assisted field biologists in bird and small mammal monitoring programs, and assisted in literature review.

### Additional Relevant Experience

Professional Association of Diving Instructors (PADI) Divemaster: Albuquerque, NM, and Anchorage, AK, (04/14 – 12/15)

American Academy of Underwater Sciences (AAUS) Certification: HSU, Arcata, CA (12/12 – 12/13)

### Professional Memberships

American Fisheries Society (2015 - present)

Fisheries Society of the British Isles (2017 – present)

### Volunteer Activity

Presenter at Science, Technology, Engineering, and Math (STEM) Career Day, Anchorage, AK (02/17)

Assistant Coach for Girls on the Run International, Anchorage, AK (09/16 – present)