Fisheries Ecology Internship Description
Trophic Interactions among Pacific Halibut, Arrowtooth Flounder, and Walleye Pollock in the Gulf of Alaska

Fisheries ecology interns gain valuable, hands-on experience for professional development through active participation in field and lab work, data analyses, and project support. More specifically, interns can expect to learn how to use an assortment of scientific tools and techniques for marine-related research (e.g., methods for conducting scientific literature reviews to gain a better understanding of project methods, scope, and relevance, standardized procedures for fish dissection and tissue preservation, how to use dichotomous keys and morphometric data to identify prey species, and how to quantify diet compositions).

Position Description Fisheries ecology interns will aid in lab- and field-based work investigating the trophic interactions among Pacific Halibut (Hippoglossus stenolepis), Arrowtooth Flounder (Atheresthes stomias), and Walleye Pollock (Theragra chalcogramma) in the Gulf of Alaska. Specimens for this project will be collected from May to October, 2015 and 2016. Participating interns will help with scientific literature reviews, outreach efforts to enhance collaboration among resource user groups, fishery-independent and -dependent specimen collections (e.g., fishing from research vessels, gathering samples from fishing lodges and boat launch ramps), fish dissections, prey identification from stomach contents, and/or data recording. Additional tasks may be assigned, as needed.

Intern Qualifications Applicants must be organized, self-motivated, reliable, and detail-oriented. Participants must also be willing and able to properly handle marine fishes, interact with members of the public, and maintain sampling equipment. Fishing experience and/or a background in marine science is preferred. Fisheries ecology interns will be expected to show up on time, closely follow directions, familiarize themselves with relevant background issues, ask questions when unclear about project objectives or protocols, and schedule meetings when potential issues arise.

Additional Information This internship is unpaid and may be used for academic credit. Scheduling will be flexible in order to meet the needs of both the intern and the project. However, because of the amount of investment (e.g., training) involved, a minimum commitment of 20 hours per week for at least three months will be required.

To Apply, please send a completed application and resume to:
Cheryl L. Barnes, PhD Student | Fisheries Ecology Lab, Juneau Fisheries Center
School of Fisheries and Ocean Sciences, University of Alaska Fairbanks
17101 Point Lena Loop Road | Juneau, AK 99801
e: cheryl.barnes@alaska.edu | p: (831) 515-8232 | f: (907) 796-5446