

M.S. Assistantship: Population genomics of Pacific herring in the Bering Sea, Alaska

We are seeking a candidate for a Master of Science assistantship in Fisheries at the University of Alaska Fairbanks, College of Fisheries and Ocean Sciences. The student will develop genomic (RADseq and potentially whole-genome) datasets for Pacific herring (*Clupea pallasii*) and help conduct a fine-scale analysis of genomic variability and population genomic structure in the eastern Bering Sea. The successful candidate will work with samples from diverse sources and will have opportunities to work closely with the Alaska Department of Fish and Game's Gene Conservation Lab and NOAA's Alaska Fisheries Science Center. The vision of this project is to inform state and federal fisheries management in the North Pacific; thus a candidate with interests in genomics, conservation genetics and/or fisheries is desired.

Start Date: August 2022

Salary and Benefits: \$30,448 per year (1.5 years) will be paid through Research Assistantship. Tuition, fees and health insurance will be covered by the project. There are opportunities to serve as a TA for additional semesters.

Qualifications: Bachelor's degree in biology, evolution, fisheries, genetics, or other relevant discipline. Experience with molecular biology techniques and coding in R is desirable, but not necessary. A willingness to learn, attention to detail, and a strong work ethic are essential.

Contact: For more information about the project, please email **Andrés López** (jalopez2@alaska.edu) or **Jessica Glass** (jessica.glass@alaska.edu). To apply, please send the following to the email addresses above: 1) 1-page cover letter describing your interest in the position, skills, and goals 2) CV or resume, 3) unofficial transcripts, and 4) contact information for 3 references. UAF values equity, diversity and inclusion and we especially encourage applicants from underrepresented or historically excluded groups to apply. **Applications will be accepted until March 4th.**



**COLLEGE OF FISHERIES
AND OCEAN SCIENCES**

University of Alaska Fairbanks