



Position: Aquatic Ecologist

Duration: April or May through September, with the possibility of year-round work. Full time, salaried position. Work days may include Saturdays and Sundays.

Location: Talkeetna, Alaska

Description of Organization: The Aquatic Restoration and Research Institute (ARRI) is a non-profit corporation located in Talkeetna, Alaska. ARRI conducts water quality and fish habitat research funded by state and federal agencies. Current projects include investigating fish use and water quality in glacial rivers; the investigation of the influence of stream temperatures on salmonid production; the effects of stormwater on fish habitat and water quality; juvenile salmonid use of estuary habitats; the influence of motor boats on hydrocarbon concentrations, turbidity, and the biological community; juvenile salmon distribution and growth rates; stream habitat classification and fish habitat relationships; and the evaluation of the proposed Susitna-Watana Hydroelectric dam project. We are seeking a candidate that is pursuing a career in aquatic ecology or fisheries.

Duties: Conduct field measures of water quality, juvenile fish abundance, and macroinvertebrates; enter field data into Excel spreadsheets; conduct statistical analyses; conduct literature reviews; and report writing. Assist field crews consisting of 1 or 2 field technicians, interns and/or graduate students in the collection, recording and processing of water quality and fish habitat data. Activities will include collecting samples of juvenile salmon and macroinvertebrates; calibrating and deploying temperature and turbidity data loggers; obtaining measures of stream discharge, slopes, substrate, and channel morphometry; measuring basic water chemistry; collecting water samples for nutrient, hydrocarbon and metals analyses; macroinvertebrate sample sorting and identification; organize, calibrate, and maintain field sampling equipment; data entry and analysis. Traveling by 4WD truck, boat and/or 4-wheeler will be typical.

Minimum Qualifications: Master's Degree in Aquatic Ecology, Fisheries Biology, Environmental Science or closely related field. Must have experience in field sampling methods and the ability to work in semi-remote locations with minimal supervision. A significant amount of the field work will be conducted by walking and bushwhacking up small streams with abundant wildlife. Applicants must be in reasonable physical condition and have some degree of tolerance for these conditions. Should have some experience with ArcGIS, R, Excel and Word. Must have a valid driver's license and good driving record.

Starting salary: \$3,000 to \$3,600/month; DOE.

How to Apply: Please send resume, transcripts and three professional references to [arri@arrialaska.org](mailto:arri@arrialaska.org) by March 9, 2015. Questions can be emailed to same address.