

Postdoc Fellowship
Department of Watershed Sciences
Utah State University

Description: We are recruiting a talented postdoc to begin in Spring 2024. The prospective scientist will be developing innovative methods for invasive population control of Common Carp *Cyprinus carpio* by conducting feminization experiments of captively reared cohorts. This research is critical for the production of YY individuals (fish that are homozygous for the male-coding chromosome) that can be released into an invasive population, skewing the sex ratio towards all male, and eventually leading to their extirpation. This position requires a diverse skillset in aquaculture and fish physiology/histology. The candidates will be constructing aquaculture systems, conducting spawning methods, developing feminization methods using exogenous hormone treatments, and assessing developmental impacts of hormone treatments. Although primarily a hatchery-based position, there will be field work involving fish sampling for the capture and establishment of captive broodstocks. The selected scientist will obtain mentor experience working with undergraduate research technicians and graduate student researchers. This is a two-year appointment. The partners and sponsors for this project are an excellent consortium of scientists from federal and state agencies. Postdoc will be advised by Dr. Chad Teal (U.S. Geological Survey, Utah State University).



Qualifications: PhD in aquaculture, fisheries, aquatic sciences, natural resource management or other related fields. A good work ethic is mandatory. Hatchery experience or working with captive fish populations is mandatory. Experience and comfortability working with tools and doing light construction is preferred. Writing, organizational, and data management skills are required, as well as the ability to maintain positive working relationships with members of the lab, department, and stakeholder groups. *Utah State University does not discriminate or tolerate discrimination, including harassment, based on race, religion, sex, national origin, age, genetic information, sexual orientation, gender identity or expression, disability, status as a protected veteran, or any other status protected by University policy, Title IX, or any other federal, state, or local law.*

Location: The successful applicant will be based out of the Department of Watershed Sciences at Utah State University in Logan, UT. Logan is a relatively small college town located at the base of the Bear River Range and the Cache National Forest, offering a diversity of outdoor recreation opportunities, as well as being within a short drive of Salt Lake City and its many amenities. For additional information describing the department, faculty, and programs see <http://www.cnr.usu.edu/wats/>.

Support: Starting annual stipend of \$55,016, plus benefits.

Closing date: Until filled. Applicants should submit materials as soon as possible to be considered.

Start date: January 1, 2024.

Contact: Please email a letter of interest, CV, a writing sample, unofficial copies of transcripts, and the names and contact information for three professional references to Dr. Chad Teal, email: chad.teal@usu.edu.