

**Subject:** Fisheries geneticist in Oregon

See more at:

<http://www.critfc.org/jobs/fisheries-geneticist>

The Columbia River Inter-Tribal Fish Commission

(CRITFC) is seeking Fisheries Geneticists with experience in population genomics, association mapping, and mixed stock analysis. Positions are part of the Fishery Science Department, but will be located with the genetics group at the Hagerman Fish Culture Experiment Station in Hagerman, ID. This research group is involved in testing conservation, evolution, and ecological theories related to salmonids and other fishes.

The employee will work under the Lead Geneticist, in association with CRITFC geneticists and technicians, as well as staff of the Fishery Science Department in Portland, OR. Efforts will focus on applying empirical genetics/genomics data to address questions related to conservation and recovery of steelhead, Chinook, sockeye, and coho salmon, sturgeon, lamprey, and other fishes of the Columbia River Basin.

#### Position Details

- Closing Date: March 15, 2016
- Starting Salary: Depending on Qualifications

\$57,098 – \$64,711 (CRITFC equivalent to GS 11) with benefits

\$68,437 – \$77,565 (CRITFC equivalent to GS12) with benefits

- Department: Fishery Science, Genetics
- Classification: Full-time, Regular, Exempt
- Location: Hagerman, Idaho

#### Essential Job Functions

Specific duties of this position include, but are not limited to:

1. Conduct laboratory analyses with next-generation sequencing methods.
2. Perform data analysis with heavy emphasis on population genetics.
3. Develop sampling designs and protocols for studies.
4. Execute research in accord with developed proposals.
5. Produce reports and peer reviewed publications of key scientific results.
6. Develop research proposals to attract extramural funding.
7. Participate in inter-agency workgroups, as necessary.
8. Provide technical advice and reviews in the areas of genetics and conservation biology to tribal staff, attorneys and policy.
9. Other duties as assigned and as appropriate to CRITFC goals and purposes.

#### Job Requirements/Qualifications

Minimum Qualifications:

The Fisheries Geneticist are required to have a Ph.D. or M.S. (with three years of experience) in the field of molecular biology, genetics, fishery biology, ecology and/or a related discipline. In addition, the scientist must have demonstrated skills in the following areas.

1. Research experience related to population/conservation genetics.
2. In-depth knowledge and experience with current molecular genomics techniques (e.g., RAD-seq, RNA-seq, GT-seq).
3. Excellent understanding of population genetics theory.
4. Experience in statistical analyses, computer modeling and the relevant software.
5. Proven ability to publish research in peer-reviewed publications.
6. Good writing and oral communication skills.
7. Inter-personal skills, including the ability to develop, guide, and work within inter-disciplinary teams.
8. Strong skills with common computer software for word processing, spreadsheet, database, and statistics use.

The following qualifications, although not required, are desirable:

9. Demonstrated technical competence in fishery biology or a closely related discipline.
10. Database experience and computer programming/coding skills.
11. Knowledge regarding fishes of the Columbia River and western United States.

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