

M.S. Opportunity

Modeling contaminants in Kootenai River and Fishes



March 12, 2024

Soliciting applications for a M.S. degree program in Natural Resources (Fisheries) at the University of Idaho beginning August 15, 2024.

Position Summary

The incumbent will develop statistical models for existing data on mercury (Hg) and selenium (Se) in the Kootenai River system (Idaho) and associated fishes. Develop spatial predictions of Hg and Se concentrations commensurate with available data. Develop recommendations for future sampling designs and analytical pipelines for future data. The incumbent will develop professional relationships with managers and researchers in diverse fields. Working within the UI's College of Natural Resources under the direction of Dr. Matt Falcy, the incumbent will develop expertise at the intersection of statistics and natural resources management. In addition to working toward a M.S. in Natural Resources, a graduate certificate or M.S. in Statistics may be possible. This project has nexus to tribal lands. Tribal members are highly encouraged to apply. A non-tribal incumbent will be expected to grow appreciation of regional tribal history and contemporary tribal issues.

Minimum Requirements

- Bachelor's degree in Fish and Wildlife Sciences, Ecology, Biology, Environmental Science, Statistics, Computer Science, or related degree.
- Interest in statistical modeling and natural resources.
- Familiarity with R software.
- Ability to cultivate professional relationships with people from diverse backgrounds.

Compensation

- A stipend of approximately \$23,000/year for two and a half years.
- Full tuition waiver.
- Health insurance.

Location

The incumbent must be able to work at the University of Idaho campus in Moscow. Remote work is not possible.

To Apply

Merge the bulleted items below into a single PDF and email to mfalcy@uidaho.edu by **April 15, 2024** using the subject line *Kootenai River M.S. Opportunity*

- Cover letter describing (i) relevant interests, abilities, and experience and (ii) a statement of work ethic/philosophy that you intend to implement in this position to achieve your longer-term goals. Do not exceed two pages.
- CV/resume that includes contact information for three professional references.
- Photocopy of GRE general test scores, if available.
- Unofficial or official transcripts of all coursework.