

Posting #24-001AC

Postdoctoral Fellow in Aquatic Toxicology Geography, Earth and Environmental Sciences Term, Full-time

Purpose

The Postdoctoral Fellow provides a range of services, including assisting with, and conducting research under the lead researchers' direction at the Quesnel River Research Centre in Likely, BC. This includes working on a number of ongoing and possible research projects, including, but not limited to understanding the effects of climate change on salmon ecosystems and the direct effects of increasing water temperatures and wildfire-contaminated spawning habitat on interior Pacific salmon early life stages, and other duties as needed. The position is part of a large, collaborative research project evaluating flood, fire and increasing temperature risks posed to upper Fraser watershed salmon stocks in a rapidly changing climate. The role of the Postdoctoral Fellow will be to determine the effects of increasing water temperatures and wildfire-contaminated spawning habitat on interior Pacific salmon early life stages. The larger project seeks to define the influences of environmental change on sustaining salmonid populations within Quesnel Lake and large lakes in the region using a multidisciplinary approach that links detailed process measurements with integrated hydrometeorological and physical lake models.

Responsibilities

Duties include but are not limited to:

- Literature searches for the project;
- Assisting with experimental design and set up of aquatic toxicology experiments and visual behavior tests;
- Handling and sampling fish;
- Lab work and analysis of gene expression in fish tissues;
- Data entry and analysis; and
- Preparation of presentations and manuscripts for co-authorship of project results for publication in peer-reviewed journals.

Qualifications

The successful candidate will possess the following:

- A doctoral degree in Biology, Environmental Science or a related field;
- Demonstrated experience in fish biology, molecular biology and/or fish ecotoxicology;
- Demonstrated written and verbal communication skills in English;
- The ability to work well independently and as part of a team; and
- Be highly organized and resourceful.

Salary

Salary will be commensurate with education and experience. The anticipated annual salary to be paid is \$60,000.00.

Normal hours of work will be 8:00 am – 4:00 pm Monday – Friday.

Our Commitment to Diversity and Employment Equity

The University of Northern British Columbia is fully committed to creating and maintaining an equitable, diverse, and inclusive environment that is accessible to all. We are devoted to ensuring a welcoming, safe, and inclusive campus free from harassment, bullying, and discrimination. This commitment is woven into our motto and mission. In the Dakelh language, UNBC's motto 'En Cha Huná translates to "they also live" and means respect for all living things. Through the respect for all living things, we are able to grow and learn better together, each bringing our own unique individual differences and contributions to inspire leaders for tomorrow by influencing the world today.

Employment equity requires that we remove barriers and overcome both direct and indirect discrimination. In this way, the pool of excellent candidates increases substantially. All qualified applicants will receive consideration for employment without regard to race, colour, religion, sex, place of origin, age, physical disability, mental disability, sexual orientation, gender identity, and any other prohibited grounds of discrimination as outlined in the BC Human Rights Code.

About the Community

Since its founding in 1990, the University of Northern British Columbia (UNBC) has emerged as one of Canada's best small research-intensive universities, with a passion for teaching, discovery, people, and the North. UNBC's excellence is derived from community-inspired research, hands-on learning, and alumni who are leading change around the world.

Since time immemorial, Indigenous peoples have walked gently on the diverse traditional territories where the University of Northern British Columbia community is grateful to live, work, learn, and play. We are committed to building and nurturing relationships with Indigenous peoples, we acknowledge their traditional lands, and we thank them for their hospitality. UNBC's largest campus in Prince George is located on the traditional unceded territory of the Lheidli T'enneh, in the spectacular landscape near the geographic centre of beautiful British Columbia.

UNBC consistently ranks in the top three in its category in the annual Maclean's university rankings. UNBC also recently placed among the top five per cent of higher education institutions worldwide by the Times Higher Education World University Rankings.

With a diverse student population, the University is friendly, inclusive, and supportive. Prince George is a city of ~80,000 people with impressive cultural, educational, and recreational amenities. For more information about living and working in Prince George, please refer to <http://www.unbc.ca/experience> and <https://moveupprincegeorge.ca>. Make your mark with this leading post-secondary institution.



To Apply

The University of Northern British Columbia is committed to employment equity and encourages applications from the four designated groups (women, Indigenous peoples, persons with disabilities, and members of visible minorities) as well as the LGBTQ2+ communities and individuals with intersectional identities.

Persons with disabilities, who anticipate needing accommodation for any part of the application and hiring process, may contact UNBC Health & Wellbeing at wellbeing@unbc.ca. Any personal information provided will be maintained in confidence.

Please forward your resume and proof of education quoting competition #24-001AC to:

Human Resources, University of Northern British Columbia,
3333 University Way, Prince George, BC, V2N 4Z9

Email submissions: HRecruit@unbc.ca
Inquiries: (250) 960-5521

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. We thank all applicants for their interest in UNBC however, only those applicants selected for further consideration will be contacted.

Applications will be accepted until the position is filled.

