

Postdoctoral Research Fellow Position

Position: Postdoctoral Research Fellow

Project Description:

The University of Northern British Columbia (UNBC) is searching for a Postdoctoral Research Fellow to investigate water security issues in small, rural and remote (SRR) communities. The two-year project is funded by the Natural Sciences and Engineering Research Council of Canada (NSERC). Project tasks include the development of Indigenous knowledge (IK)-based low-cost methods for water treatment, effective community engagement, and the development of water treatment decision support tools, among others. The project involves researchers from three Canadian universities (UNBC, UBC Okanagan, and McMaster University) and a First Nation community in northern BC.

Responsibilities:

- Working with Dr. Jianbing Li in the UNBC Environmental Engineering program
- Development of IK-based water treatment methods
- Community engagement and public education on water security
- Building and maintaining relationships with community members
- Coordinating for the team of researchers at partner universities
- Managing project objectives and activities
- Writing project reports, journal papers and research proposals
- Undertaking other additional tasks assigned by project supervisor

Qualifications:

The applicant will have a PhD degree in environmental engineering or related areas, and be familiar with water treatment and decision analysis. The applicant should be self-motivated and able to work independently and collaboratively, and have strong communication and interpersonal skills. Experience with writing project reports and research proposals is desired. Research experience with First Nation communities is an asset.

Job Details:

The term of the position is one year, ideally beginning May 1, 2022 and is at the rate of \$50,000 per year. The term may be extended until March 2024 subject to satisfactory performance and project funding availability.

How to Apply:

Applications will be accepted immediately and until the position is filled. If you are interested, please send a resume, a list of three references, and a cover letter explaining your interest and how you are qualified for this position to:

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