

Post-Doctoral Position, Strengthening Healthy Ecosystems and Northern Communities

Duration: 1 year

Start date: September 1, 2025

The Bieler School of the Environment and the Faculty of Engineering at McGill University are accepting applications for a Post-Doctoral Position in Strengthening Healthy Ecosystems and Northern Communities.

Job Description:

The Bieler School of the Environment and the Faculty of Engineering are seeking qualified applications for the position of Postdoctoral Position in Strengthening Healthy Ecosystems and Northern Communities. This is a full-time position with the option to work in-person, or hybrid (or a combination of both) for up to 1 year with a preferred start date in August 2025. The ideal candidate would have field experience, educational background and research interests related to the intersection of ecosystem health, human health and well-being, Indigenous food systems, resource development and climate change. The individual would work under the direction of **Dr. Brenda Parlee** (Department of Natural Resource Sciences | Bieler School of the Environment), and **Dr. Viviane Yargeau** (Dean, Faculty of Engineering), **McGill University**. The position would build on long-term research collaborations between Parlee and Indigenous organizations in the western Canadian Arctic. The successful candidate would contribute to addressing questions and research priorities expressed by Inuvialuit, Inuit, and/or Dene communities.

The successful candidate will possess expertise in assessing the bioaccumulation of contaminants in freshwater, marine or terrestrial ecosystems and related experience in risk communication. The candidate would be expected to co-lead a research program in collaboration with the northern Indigenous communities and governments, provide field-based training and mentorship opportunities for local youth and future leaders, and produce policy-relevant and scholarly and policy-related outcomes related to sustainable resource development in the Arctic.

The work would be supported by a network of researchers at McGill University, including those in the Faculty of Engineering and the Bieler School of the Environment, the Department of Natural Resource Sciences. The work would be knitted together with other related and ongoing work by Arctic organizations as well as by major global research projects including those co-led by Dr. Brenda Parlee.

Qualifications:

The ideal candidate should have previous research experience in the Canadian Arctic, hold a PhD in public health, nutrition, natural resource sciences, environmental science, wildlife biology, environmental sociology, chemical engineering and/or Indigenous Studies. Interested applicants should submit a CV and cover letter by July 31, 2025, to brenda.parlee@mcgill.ca