



Ts'udé Niljné Tuyeta Indigenous Protected Area

Looking for Northern Indigenous Students

Assessing wildlife community dynamics in a changing climate across the Northwest Territories, Canada

The Government of the Northwest Territories (GNWT), Government of Canada (Canadian Wildlife Service, CWS), [Wildlife Coexistence Lab](#) (WildCo) at the [University of British Columbia](#) (UBC), [Wildlife Integration for Land use Decisions Lab](#) (WILDlab) at [Wilfrid Laurier University](#) (WLU), and [Bioacoustic Unit](#) (BU) at the [University of Alberta](#) (UofA) are seeking northern Indigenous students to study wildlife community dynamics in the Northwest Territories. The research will be pursued under the guidance of Profs. Cole Burton (UBC), Frances Stewart (WLU), and Erin Bayne (UofA) with support from multi-agency collaborators, including Claudia Haas (GNWT), Brad Woodworth (GNWT), Samuel Haché (CWS), Christopher Beirne (UBC), and Indigenous partners from the K'ahsho Got'ı̨ę Foundation, Dehcho First Nations, Łutsel K'e Dene First Nation, North Slave Métis Alliance, Tłı̨chǫ Government, as well as additional Indigenous governments.

The key motivation for these positions is to work with local partners to develop an effective long-term biodiversity monitoring approach for tracking changing wildlife populations and range shifts, and ultimately provide recommendations for wildlife and conservation area management, including Indigenous Protected Areas. Successful applicants will help design, implement and analyze data from wildlife surveys using remote cameras (camera traps) and acoustic recording units (ARUs).

Indigenous students from the Northwest Territories at various stages of their academic journey are encouraged to apply, including those looking for a postsecondary program, postgraduate degree, or summer employment. The research team will look at various options and work with successful applicants to find their best fit.

Basic Requirements

Applicants must be an Indigenous student from the Northwest Territories at any stage of their academic career. Applicants should be thinking of or currently pursuing a BSc in biology, ecology, or statistics (or related field), with a keen interest in applying knowledge of wildlife biology, boreal ecology, quantitative methods, Indigenous knowledge, and conservation science to inform wildlife and conservation area management in the north. We particularly seek candidates with the following experience and skills: remote fieldwork in northern environments, collaborating with Indigenous communities, wildlife surveys including camera trapping and/or audio recording, Geographic Information Systems (e.g., ArcGIS, QGIS), and

statistical analysis (e.g., using R software).

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, and/or age.

The position(s) will be shared between a University campus and field sites in the Northwest Territories (based in Yellowknife). Funding is available to support these positions, but successful candidates will also be encouraged to seek personal scholarship support. For example see:

- https://www.nserc-crsng.gc.ca/Students-Etudiants/index_eng.asp
- <https://forestry.ubc.ca/students/graduate/financial-support/>
- <https://students.wlu.ca/registration-and-finances/tuition-and-fees/assets/resources/financial-support-for-students.html>
- <https://www.ualberta.ca/registrar/scholarships-awards-financial-support/index.html>
- <https://isteam-pathways.ualberta.ca/>

Interested applicants should send an email by **March 31st 2022** to claudia_haas@gov.nt.ca with the Subject: “Student Application for Biodiversity Monitoring in NWT: *Your Name*” and include the following details: a) brief statement of interest, b) Curriculum Vitae and (c) any applicable unofficial academic transcript(s). The research team will reach out to successful candidates to discuss additional deadlines for university application and/or scholarships.



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THE UNIVERSITY OF BRITISH COLUMBIA
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