

# **Jean Polfus**

**Postdoctoral Fellow at University of Manitoba**

Tulita, NT, CA

Liber Ero Postdoctoral Fellow working on caribou conservation in the NWT using non-invasive methods, traditional knowledge & sciart.

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## **Biography**

Jean Polfus is a Liber Ero Postdoctoral Fellow. She recently completed her PhD at the University of Manitoba conducting genetic and traditional knowledge studies on caribou populations in partnership with the ?ehdzo Got???ne? Gots?e?? Na?ked? (Sahtu? Renewable Resources Board) and five ?ehdzo Got???ne? (Renewable Resources Council) in the Sahtu? Region, Northwest Territories, Canada. Her project built a comprehensive understanding of the identities and relationships among caribou populations and Dene people in order to inform and prioritize management efforts. She is committed to an approach to conservation that respects the lives and experiences of people that depend on natural resources for their livelihood, facilitates cooperative long-term problem solving, improves the performance of ongoing research, and affirms the value of community caribou stewardship.

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## **Areas of Expertise**

Ecology, Ecology - Animal Movement and Space Use, Conservation Biology, Conservation Genetics, Environmental Science, Wildlife Conservation, Wildlife Ecology, Wildlife Management, Wildlife Photography, Illustration, Photography and Image Making, Field Work, Environmental Policy, Biodiversity, Natural Resource Management, Population Genetics, Environmental Issues, Subarctic Ecology, Sciart, Non-invasive Conservation Methods, Caribou Recovery, Community-based Indigenous research , Traditional Knowledge, Community Based Participatory Research, Community Based Research, Indigenous communities

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## **Affiliations**

Liber Ero Postdoctoral Fellowship

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## **Event Appearances**

**?e?exe? Egha?lets?eda (Learning Together): Advancing sustainable strategies for caribou research through cross-cultural collaboration**

Public Presentation hosted by UAlberta North and Faculty of Native Studies

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## **Education**

**Dartmouth College**

BA Environmental and Evolutionary Biology

**University of Montana**  
MS Wildlife Biology

**University of Manitoba**  
PhD Natural Resources and Environmental Management

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## **Accomplishments**

### **Liber Ero Postdoctoral Fellow**

This fellowship seeks to support early-career scientists to conduct and communicate world-class research that informs conservation and management issues relevant to Canada. Conservation science includes natural, social, and interdisciplinary research pursuits.

### **Wilburforce Fellowship in Conservation Science**

In 2015 Jean was one of 20 conservation professionals to received the Wilburforce Fellowship in Conservation Science. The newly established one-year fellowship included training workshops focused on enhancing science communication skills.

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