

Northern Research Links:



NORS



ACUNS



ARCTICNET



AINA



ARCUS



IASSA



SPRI



UAlberta North



UArctic

POLAR DAY AT UNBC

On March 17, the Northern Studies Program will host the annual UNBC Polar Day, featuring two presentations on northern and Arctic research. In the Global Friday Colloquium (12:00-1:30 in the Senate Chambers), Dr. Tatiana Degai, an Assistant Professor in the Department of Anthropology at



the University of Victoria and a member of the Itelman Nation of Kamchatka, Russia, will give a presentation entitled: “Itənmən” – “The One Who Exists”: The Sociolinguistic Life of the Itelmen in Kamchatka, Russia in the Context of Language Loss and Language Revitalization.”

This will be followed by a presentation in the NRESi Colloquium (3:30-4:30 in room 8-164) by Dr. Fabien Mavrot, a Research Associate at the Faculty of Veterinary Medicine at the University of Calgary entitled: “Developing a framework to



integrate Indigenous Knowledge into muskox health and population assessment and strengthen local leadership in monitoring efforts. A case study in Ulukhaktok, an Inuit community in the Canadian Arctic.”

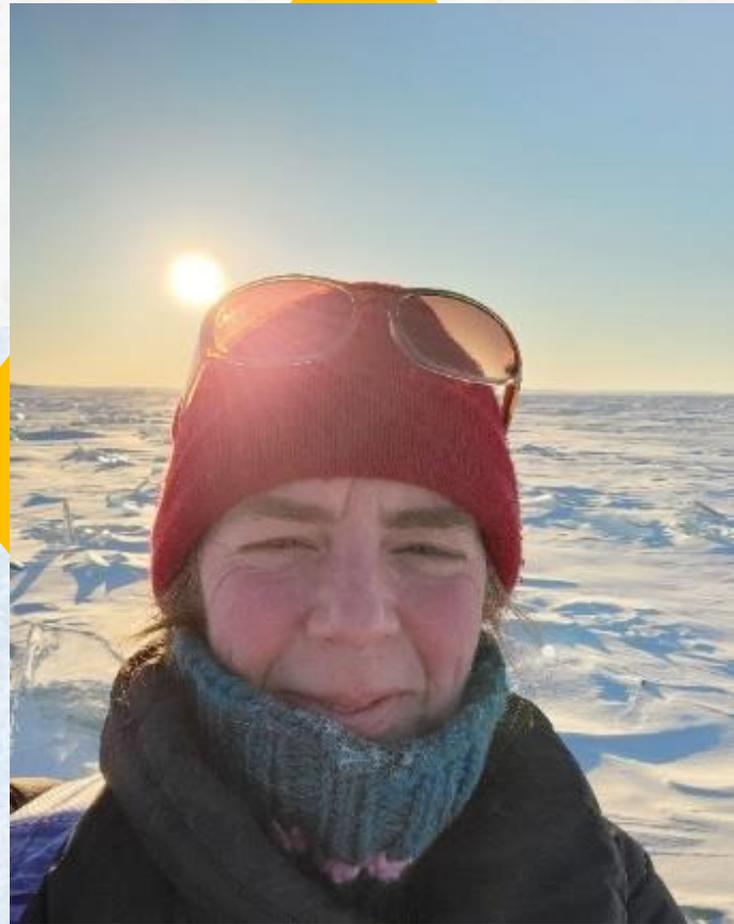
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FACULTY PROFILE

Dr. Rebecca Schiff Dean, Faculty of Human and Health Sciences

I am delighted to join the UNBC northern studies community. Much of my research for the past 10 to 15 years has focused on wellbeing and social-ecological determinants of health in northern and rural Canada. My recent book ([Health and Healthcare in Northern Canada](#)) analyses

health and health care in northern Canada from a perspective that acknowledges the unique strengths, resilience, and innovation of northerners, while also addressing the challenges aggravated by contemporary manifestations of colonialism. I currently lead numerous studies focused on health and social-ecological wellness in the North. This includes the [At Home in the North](#) and [Community Housing Canada](#) SSHRC research partnerships - see: <https://athomeinthenorth.org/> and <https://communityhousingcanada.ca/area-of-inquiry-iv/>. I also lead the team for the [Voluntary Local Review of Progress on the UN Sustainable Development Goals](#) for Thunder Bay ON – see: <https://www.lspc.ca/vlr/> as well as numerous ongoing and new initiatives in Prince George, Northern B.C. and across northern Canada.



Linking Scientific and Traditional Knowledge in the Arctic

Dr. Tristan Pearce is the Canada Research Chair for the Cumulative Impacts of Environmental Change and a member of the Northern Studies Program at UNBC. His research program links scientific and traditional knowledge to study changes in the environment and associated impacts and adaptations. Graduate students are central to the research program.



INDIVIDUAL SPECIALIZATION IN THE GREENLAND COD (GADUS OGAC) POPULATION IN THE AMUNDSEN GULF, CANADIAN ARCTIC



Stephanie Chan,
MSc Candidate NRES Biology,
UNBC

Stephanie Chan is a master's student in the Natural Resources and Environmental Studies Program at UNBC. She has a background in marine ecology, with a specific focus on the circumpolar north. Her current research is based in the western Canadian Arctic, studying the feeding ecology of Greenland cod, a marine fish species important for Inuit subsistence. Her research brings together scientific methods and traditional knowledge to fill in knowledge gaps about this species. Her research is supported by ArcticNet 33: Using Co-Produced Knowledge to Understand and Manage Subsistence Marine Harvests in a Changing Climate.

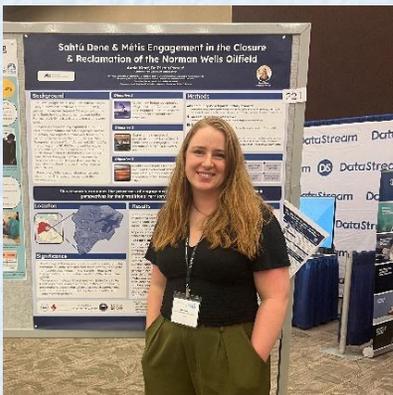
LINKING SCIENTIFIC AND INUIT KNOWLEDGE OF ARCTIC CHAR (*SALVELINUS ALPINUS*) IN THE ARCTIC MARINE ECOSYSTEM

Halena Scanlon's research combines Inuit traditional knowledge and scientific knowledge of Arctic char (*Salvelinus alpinus*) in the western Canadian Arctic to examine movement ecology, feeding patterns, morphology, and health. Data will be collected with Inuit through participatory mapping, interviews, and observation. These data will be co-interpreted alongside scientific data gathered by research partners on the morphology and movement of local Arctic char. The expected findings are intended to provide a more comprehensive understanding of Arctic char in a changing climate. Her research is supported by ArcticNet 33: Using Co-Produced Knowledge to Understand and Manage Subsistence Marine Harvests in a Changing Climate.



Halena Scanlon,
MSc Student NRES
Geography,
UNBC

Sahtú Dene and Métis Community Engagement in the Closure and Reclamation of the Norman Wells Oilfield



Annie King,
MA Candidate, NRES
Geography,
UNBC

After 100 years of operation, the Norman Wells Oilfield in the Northwest Territories is beginning the process of closure. Annie King's research examines how Sahtu people have been engaged in the oilfield project throughout its history and identifies opportunities for their meaningful involvement in the future. Data were collected through semi-structured interviews (n=45) with Sahtu people and key informants, participant observation over two months, and records of past engagement. The expected findings of this research are intended to contribute to the conversation about the oilfield's closure, as well as broader discussions on Indigenous peoples' involvement in reclamation after resource extraction.

Recent Publications by Northern Studies Faculty

Pearce, T., Fawcett, D. and Ford, J. (2023). Changes in the composition of the harvest in three polar bear subpopulations in the western Canadian Arctic after the U.S. listing of the polar bear as a threatened species, *Arctic*, *IN PRESS*.

Ford, J. D., Clark, D. G., Copland, L., **Pearce, T.** (2023). Projected decrease in trail access in the Arctic. *Communications Earth & Environment*, 4(1), 23.

Pearce, T. (ed.) (2021). Research with Arctic Inuit Communities: Graduate Student Experiences, Lessons, and Life Learnings. *Springer Polar Sciences*, p. 121.

Pearce, T. D., & Emanuelsen, K. (2021). “I don't even sew for myself anymore”: The role of sewing in a northern Inuit economy. In Pamela Stern (ed). *The Inuit World* (pp. 257-269). Routledge.

Naylor, A. W., Ford, J. D., **Pearce, T.**, Fawcett, D., Clark, D., & van Alstine, J. (2021). Monitoring the dynamic vulnerability of an Arctic subsistence food system to climate change: The case of Ulukhaktok, NT. *Plos one*, 16(9), e0258048.

Naylor, A. W., **Pearce, T.**, Ford, J. D., Fawcett, D., Collings, P., & Harper, S. L. (2021). Understanding determinants of hunting trip productivity in an Arctic community. *Frontiers in Sustainable Food Systems*, 5, 688350.

Selle, P., & **Wilson, G.N.** (2022). “Economy, Territory, and Identity: A Rokkanian Analysis of Indigenous Self-Determination in Canada and Norway.” *Polar Record*. 58(3): 1-12

Fabbi, N. C., & **Wilson, G. N.** (2022). “Inuit Nunangat: The Development of a Common Inuit Territorial and Policy Space in Canada.” In Pamela Stern (ed). *The Inuit World* (pp. 321-339). Routledge.