

SINEWS

SISTERING INDIGENOUS AND WESTERN SCIENCE

TESTIMONIALS

“[I] found it very empowering to see other women leading in their positions and paving the way for more women to enter fields that used to be male dominated.”

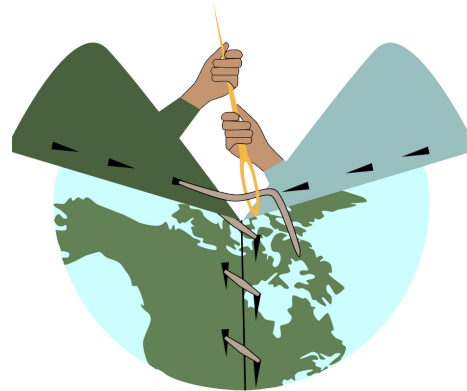
- Andrea Wiebe (former SINEWS participant)

“[The SINEWS] program was used to truly express the importance of Indigenous values; instead of just squeezing Indigenous values into a science-based approach, it used their values as the core or base for which science was applied as a support.”

- Britni Gray (for SINEWS participant)

“[SINEWS] was a chance to bring a very pressing issue to light. Especially being where I’m from, [Fort Vermilion is] a small community and one of the most northern in Alberta. I think we get forgotten about and left out of a lot of conversations.”

- Colby Lizotte (former SINEWS participant)



ARE YOU INTERESTED IN SCIENCE RESEARCH AND HOW IT CAN BE BRAIDED WITH TRADITIONAL INDIGENOUS KNOWLEDGE? SINEWS IS FOR YOU! INDIGENOUS KNOWLEDGE? SINEWS IS FOR YOU!

Women, both Indigenous and non-Indigenous, including cis, trans and non-binary, are under represented in many science fields and disciplines. SINEWS wants to change that by providing early career development experiences to encourage students interested in science, technology, engineering and mathematics (STEM) programs to explore new opportunities in the sciences or increase opportunities for those already enrolled in science programs.

SINEWS is a paid mentorship program that pairs two female identifying post secondary students (one Indigenous and one non-Indigenous) with a researcher from Natural Resources Canada (NRCan). Over the course of eight months, student pairs will develop and implement a research project that falls within NRCan’s mandate and addresses an Indigenous community’s need. The goal of SINEWS is to help female students increase their capacity in the areas of traditional knowledge, Indigenous relations and engagement and provide a solid base for their future career.

FOR FULL PROGRAM DETAILS,
INCLUDING ELIGIBILITY CRITERIA
AND APPLICATION INFORMATION, PLEASE VISIT

OUR WEBSITE





Sistering Indigenous and Western Science Program

Greetings and thank you in advance for taking the time to read about the Sistering Indigenous and Western Science (SINEWS) Program.

The SINEWS program was developed and piloted in 2019 with students from Alberta and the Northwest Territories. The pilot project was supported by Natural Resources Canada (NRCan) with a goal of demonstrating the value of braiding traditional Indigenous knowledge with western sciences, and advancing women and Indigenous science students.

NRCan has relaunched the SINEWS program at a national level as of September 2021. The program has been designed to partner one Indigenous with one non-Indigenous female identifying student enrolled in a post-secondary program to identify, develop and implement small research projects across Canada with the help of mentors. We will be hiring up to 8 pairs of students from across the country who will receive a budget to carry out a research project over the course of 8 months. Each project will focus on combining traditional Indigenous teachings and knowledge with the associated western science and examine how they can function together to the benefit of future partnerships. The program also aims to advance NRCan's mandate in a way that is respectful of the environment, Indigenous peoples and is in the spirit of true reconciliation, and within the framework of advancing women in disciplines of science, technology, engineering and mathematics (STEM).

One of the goals of the program is to help establish positive relationships and communication networks between NRCan and Indigenous communities and help students learn protocols of community engagement for their future careers.

I value feedback you may have regarding the SINEWS program and invite you to contact me if you would like to further discuss this program. If you know of a student within your community who may qualify for the program, please pass along my contact information.

I appreciate your time and any support you are willing to provide on this important initiative. In the event someone in your community requires French translation, please reach out and we will forward you the translated copy of this letter.

Regards,

Jaime Wolfe, Program Manager, SINEWS

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