

STEM Fellowship Indigenous Advisory Council Youth Lead Role Description

Purpose:

STEM Fellowship is rapidly growing and expanding our reach to diverse groups across Canada in an effort to engage the next generation of STEM leaders. In order to develop relevant and culturally sensitive programming, we are looking to create an advisory council of Indigenous leaders across Canada. This Indigenous council would advise STEM Fellowship on how to best implement new initiatives as well as shape existing programs with regard for cultural or other considerations. We need an Indigenous youth to help lead the development of this advisory council.

Description:

Broadly, STEM Fellowship is a Canadian registered charity that facilitates student-driven experiential learning in STEM to provide the tools for students to attain their educational and professional goals. Through utilizing a virtual meeting place, students can connect with others across Canada and obtain skills in a range of areas from data science to scholarly writing.

In particular, our STEMpowerment program focuses on connecting high school students typically underrepresented in STEM with STEM opportunities through experiential learning and mentorship. In the past year, STEMpowerment developed STEM Circle, an Indigenous STEM-based mentorship program aimed at connecting Indigenous mentors with Indigenous mentees in Eastern Canada. The virtual nature of our program allowed us to successfully implement our program and curriculum. Moving forward, STEM Fellowship would like to expand our reach to more Indigenous students across Canada and to continue developing our existing program, STEM Circle.

Some ideas for future initiatives include panels, workshops, and research opportunities focused on Indigenous high school students. As well, STEM Fellowship has numerous university branches and high schools chapters from coast to coast and we are interested in establishing branches and chapters in schools with higher populations of Indigenous students.

Expectations:

Indigenous Advisory Council Youth Lead would be expected to:

- Work with the STEMpowerment Outreach Team.
- Help create the agenda for monthly advisory council planning meetings.
- Lead discussions on how to best create an Indigenous Advisory Council and implement it.
- Work on finding members that would make up the Indigenous Advisory Council.
- Suggest ideas for Indigenous initiatives STEM Fellowship can implement.
- Have an interest in seeing an increased presence of Indigenous students pursuing STEM-related academics or careers.

- Be comfortable speaking on Indigenous cultural matters STEM Fellowship should consider when planning its programs.
- Commit to 4-6 hours per week.