







Job Posting – Youth Science Outreach Coordinator

Génome Québec is a private, non-profit organization established in 2000, plays a leading role in the genomics research community by financing research projects and providing researchers with guidance to help them build expertise of international caliber. Genomics is a branch of science that focuses on the study of the entire genetic information of a living organism.

FISHES project, led by Louis Bernatchez's team (Université Laval, IBIS) aims to integrate new scientific technology (genomics) and Fisheries Science with Indigenous Knowledge to address critical socio-economic challenges and opportunities related to food security and commercial, recreational and subsistence fisheries. This project is financially supported by Génome Québec and Génome Canada.

Mission eDNA Youth Outreach initiative

Eeyou Marine Region Wildlife Board and Genome Québec staff, and FISHES researchers wish to develop a citizen science pilot project to engage the community, especially youth, in a hands-on project merging science technology and biodiversity monitoring.

Educational goals

- Educate youth about science as well as the potential and challenges of environmental genomics
- Give students and teachers the opportunity to explore biodiversity through genomics
- Stimulate young people's interest in scientific careers
- Highlight the connection between traditional knowledge and scientific knowledge

Scientific goals

- Allow students to live an authentic science experience
- Provide the FISHES project researchers data on wild fish status in streams



<u>Click here</u> to learn more about the Mission eDNA program!

Mandate – Youth Science Outreach Coordinator

We are looking for a person who can help us link the Mission eDNA Youth Outreach project to the concepts of environmental science and scientific investigation in the Cree School Board high school curriculum, while adapting the existing activity to include Cree culture and language. Skills needed include proficiency in English and Cree language (written and verbal) and experience working in education.

Tasks

- · Review existing Mission eDNA guides and identify the appropriate grade level for the activities
- Adapt the existing school activity guide (writing) to bridge the high school science curriculum and the activity
- · Adapt the existing materials and activities for the students
- Act as an advisor to EMRWB and Genome Quebec staff by providing educational, scientific, and cultural information that should be incorporated into the guide
- Integrate Traditional Knowledge and Cree language into the Mission eDNA school activity

Rate of Pay

We will establish together a short-term contract that will clearly define the deliverables for the period from February to May 2022 for a total of 50-75 hours of work. The rate will be between \$25 and \$35 per hour.

Deadline

Several deadlines will be discussed in the timeline (February to May 2022). Our goal is to have the activity concept and documents developed before the summer break of 2022. Dates will be flexible to accommodate goose break.

To apply, send your curriculum vitae (CV) and letter of interest to the contacts below by February 14, 2022.

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