High school student citizen scientists learn about the environment through research of tree rings.

Old Crow and Whitehorse, YK
With the guidance of a Traditional Knowledge Keeper, students investigated caribou samples from their home to assess the chemical composition of the animal. They found raised levels of iron, zinc and chromium.

Burnaby, BC
Is there any correlation between wine flavours and soil chemistry? Burnaby B.C. students wanted to assess if different soils and climates could change the chemistry of wine.

Sundre, Alberta
Sundre High School students investigated bread mold’s ability to reduce Chromium VI to the less toxic Chromium III in soil that is contaminated with ash from pressure-treated lumber.

Guelph, Ontario
Students investigated how road salt impacts the relative concentrations of manganese, copper and iron in white pine trees found along the roads of Guelph.

Halifax, NS
Hoping to find a better understanding of the potentially lethal disease Nectria Canker, students from Halifax investigated the chemical differences that occur in the external layers of infected hardwood trees.

Students on the Beamlines

U of S first year student experience where students conduct own research and develop future skills.

Teacher professional development on STEM and inquiry-based learning.

Class visit for hands-on activities connecting CLS research to SK curriculum.

Where our students come from