

Greenhouse Gas Fluxes in Croplands, Grasslands, and/or Forest Ecosystems

PROJECT DESCRIPTION

Increased greenhouse gas (GHG) emissions from terrestrial ecosystems are causing global climate change to progressively occur. This environmental concern substantiates our research work. Our research group focuses on understanding the processes leading to increase GHG emission and also on finding effective solutions to mitigate this environmental problem. Increased GHG emission also impacts the efficiency, sustainability and license to operate of production systems such as croplands, grasslands and forests. This position will involve quantification and interpretation of GHG fluxes under a range of management practices and biophysical conditions.

The intern will work on experiments in fields and laboratory as well as data analyses and presentation.

The intern will be introduced to sophisticated methods, and this work will be conducted in collaboration with other members of our team. Numerical, computational and communicational skills are highly desirable. Proactive, flexible, dedicated, well-centered, and responsible are other expected assets.

FACULTY-DEPARTMENT

Agriculture, Life and Environmental Sciences - Renewable Resources

DESIRED FIELD OF (STUDENT) STUDY

Soil Sciences, Environmental Sciences, Biology, Chemistry

INTERNSHIP LOCATION

University of Alberta Main Campus - Edmonton

NUMBER OF INTERNSHIP POSITIONS

2

INTERNSHIP START DATE

July 4 2018

INTERNSHIP END DATE

3 months after start date

Contact: Brendan Cavanagh, Internship Coordinator (Inbound)
University of Alberta International
intern@ualberta.ca

ARE THE DATES FLEXIBLE?

Yes, I am flexible regarding the internship dates. Selected students can contact me to request a date change.