

Summer Field Technician position: Carbon flux in response to arctic climate change

Project description: The focus of our research program is to understand the effects of climate change on carbon cycling in tundra ecosystems. The field site borders Denali National Park in Healy, AK. Find more information about the research at: (<https://www2.nau.edu/schuurlab-p/research.html>).

Position duration: March 25th until October 2021 with some flexibility

Job description: Fieldwork will include the operation of technical sensors and data loggers, maintenance of experimental plots, measurements of ecosystem-level carbon exchange and ancillary environmental variables. The technician will work closely with a field manager, other technicians, graduate and undergraduate students to collect data and maintain field equipment. Other responsibilities will include data entry, preliminary data processing, and data quality control.

The technician will work and live in a shared rustic cabin with an outhouse, on the outskirts of Healy, a small town in interior Alaska near Denali Nat'l Park. Travel to and from the field site is via ATV or car. Applicants should be prepared to work long hours, sometimes in cold and adverse weather conditions.

Required qualifications: B.S in biology/ecology or other related fields. Must be eligible to work in the US (Canadian or Mexican with TN visa eligibility is OK too). Must have valid drivers license. Ability to lift and carry 50 lbs, attention to detail, ability to work independently as well as part of a research team, desire to live and work in remote settings, ability to spend long hours outside, and willingness to learn to operate technical sensors and data loggers.

Desired qualifications: Prior experience with scientific fieldwork, carbon flux or ecosystem function measurements is beneficial, but not necessary.

To apply: Please send a cover letter detailing your preparedness for the position, CV or resume, and list of 3 references to Justin Ledman (justin.ledman@gmail.com) by March 1st 2021. Applications will be reviewed after the closing date, and you will be contacted for an interview.