

5009 CHAPEL SQUARE, ST. FRANCIS XAVIER UNIVERSITY, ANTIGONISH, NS, CANADA, B2G 2W5

FluxLab at St. Francis Xavier University is seeking an **Environmental Instrumentation Engineer** to help advance methane measurement research and development projects. This **Antigonish-based position** will fulfill Engineer in Training requirements and is a full-time, 1-year position. The pay scale will reflect the Engineers NS salary survey for experience.

FluxLab is a leading center of expertise for research on greenhouse gas emissions. Our work is diverse and involves natural landscapes, industrial sources, and issues in regulation and economics. Our team of ~25 students and professional researchers is cohesive, and the work environment is highly collaborative and fast paced. Instrumentation is an important part of what we do. We design and build instrumentation for greenhouse gas measurement, work with companies and government labs on instrumentation research and development, and we apply instrumentation in large-scale field studies in Canada and internationally – deploying instruments on towers, trucks, drones, and aircraft. Learn more about us at www.fluxlab.ca

This position will involve design and implementation of instrumentation, instrumentation systems, and procedures and processes for measurement projects across Canada. Familiarity with R&D environments is an asset, as is experience in project-based and or field work.

Core requirements of applicants

- Knowledge of both electronics and electricians
- Fabrication and design skills
- Machine programming experience or experience with any computer language
- Strong communication and organizational skills
- Ambition and initiative
- Bachelor of Engineering, OR a graduate from an Engineering technology-related program who can demonstrate good fit with the job requirements

Work conditions will be in a **hybrid environment** blending remote, field and office-based settings. **Schedules and vacation time are flexible in our employee-centric work environment.** Further employment opportunities beyond this contract may be possible, depending on fit, performance, and availability of further funding. The position will begin as soon as possible.

CV should be sent directly to Chelsie Hall (chall@stfx.ca). Candidates must include a well-written cover letter along with their CV, bundled as a single pdf, that demonstrates a fit with the requirements outlined above. The position will remain open until filled, and only leading candidates will be interviewed.

