

We are recruiting PhD students and postdocs for a highly interdisciplinary research project that utilizes machine learning and data analytics to model methane emissions from oil/gas operations. A multi-source data integration approach will be adopted, involving satellite, weather, and operational data.

Qualifications:

- Solid educational background in engineering or science.
- Proficiency in computer programming skills. Candidates with high-quality computational research experience are strongly preferred.
- Demonstrated potential for scholarship, including a track record of peer-reviewed journal publications.
- Excellent communication skills, both written and verbal.
- Ability to work effectively as part of a team, with the flexibility to collaborate with colleagues from diverse backgrounds and disciplines.

Start date: anytime between Sept 2023 – January 2024

Funding will be provided to the successful candidate. Interested and qualified individuals should email your CV, transcript, and a cover letter describing your background, motivation, and relevant qualifications/experience to Dr. Juliana Leung (juliana.leung@ualberta.ca).