

Numerical simulation of unconventional tight/shale reservoirs

PROJECT DESCRIPTION

The student will work alongside a PhD student to simulate and analyze reservoir response due to hydraulic fracturing and presence of secondary (natural/induced) fractures. The findings will be used to infer the relevant fracture characteristics and to optimize production/completion strategies.

FACULTY-DEPARTMENT

Engineering - Civil & Environmental Engineering (School of Mining and Petroleum Engineering)

OPEN TO STUDENTS FROM THE FOLLOWING INSTITUTIONS

Chinese universities participating in the [Double First-Class Initiative](#).

DESIRED FIELD OF STUDENT STUDY

BSc in petroleum, chemical, mechanical and geological engineering

INTERNSHIP LOCATION

Edmonton Campus

NUMBER OF INTERNSHIP POSITIONS

1

INTERNSHIP DATES

Start: July 2, 2019

End: October 2, 2019

ARE THE DATES FLEXIBLE?

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