Microfluidics to Study Two Phase Flow Mixing in Porous Media

PROJECT DESCRIPTION

Microfluidic platform will be used to study mixing and mass transport of two-phase flow in porous media under different pressure and temperatures. The experiments involve building the set-up, design and fabrication of the chip, and data acquisition and interpretation.

FACULTY-DEPARTMENT

Engineering- Chemical and Materials Engineering

DESIRED FIELD OF (STUDENT) STUDY

Mechanical Engineering, Chemical Engineering, Chemistry, Petroleum Engineering

INTERNSHIP LOCATION

University of Alberta Main Campus - Edmonton

NUMBER OF INTERNSHIP POSITIONS

2

INTERNSHIP START DATE

July 4, 2017

INTERNSHIP END DATE

3 months after the start date

ARE THE DATES FLEXIBLE?

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

Contact: Brendan Cavanagh, Internship Coordinator (Inbound)
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