



**ENGINEERING A
BETTER WORLD**

CHEMICAL ENGINEERING

Become an expert in your field while studying alongside our innovative and award-winning faculty. UNB's chemical engineering graduate programs allow students to explore diverse research interests while receiving invaluable mentorship and supervision.

Our students have access to many laboratories and research centres, including nanotechnology, materials surface characterization, hydroprocessing, oil recovery and polymer labs, as well as the Limerick Pulp and Paper Centre. Our graduates go on to exciting careers in industry and government.

RESEARCH AREAS

- Recirculation Aquaculture Systems
- Nuclear
- Oil & Gas
- Pulp & Paper
- Adsorption
- Polymer
- Corrosion
- Nanotechnology

DEGREES OFFERED

MScE, MEng, PhD

APPLICATION DEADLINE

Open

STUDY OPTIONS

Coursework,
Thesis

DURATION

1 year (MEng)
2 years (MSc)
4 years (PhD)

ENTRY TERMS

Fall & Winter

APPLICATION REQUIREMENTS

- Applicants interested in research (thesis) must contact faculty prior to applying to secure research supervision.
- Applicants should hold an undergraduate with a minimum GPA 3.0 (B) Average. Applicants to the PhD program normally hold a Master's degree from an accredited university.
- Applicants are required to submit a complete application, a one-page statement describing their research interests.
- International Applicants whose first language is not English will be required to submit language scores minimum (minimum IELTS Band 7.0). International applicants should have a Canadian GPA equivalent of 90% or higher.

FACULTY RESEARCH

- Research projects have included: the production of clean transportation fuels; enhancement of diesel quality, development of new processes to produce biodiesel/green diesel from bio-resources; and value-added products from petro-/bio-resources.
- Research on the development of improved design methodologies for rotary drum filters and scale-up of triple-drain tanks as Aquaculture industries strive to reduce costs
- Improving the pulping and bleaching process, and focusing research on high-yield pulp properties
- Research work has been used to determine diffusivities in gas mixtures as well as composite materials, such as bimodal materials.



APPLY NOW

unb.ca/gradstudies/admissions



CONTACT US

chemeng@unb.ca



VISIT

go.unb.ca/gradprograms



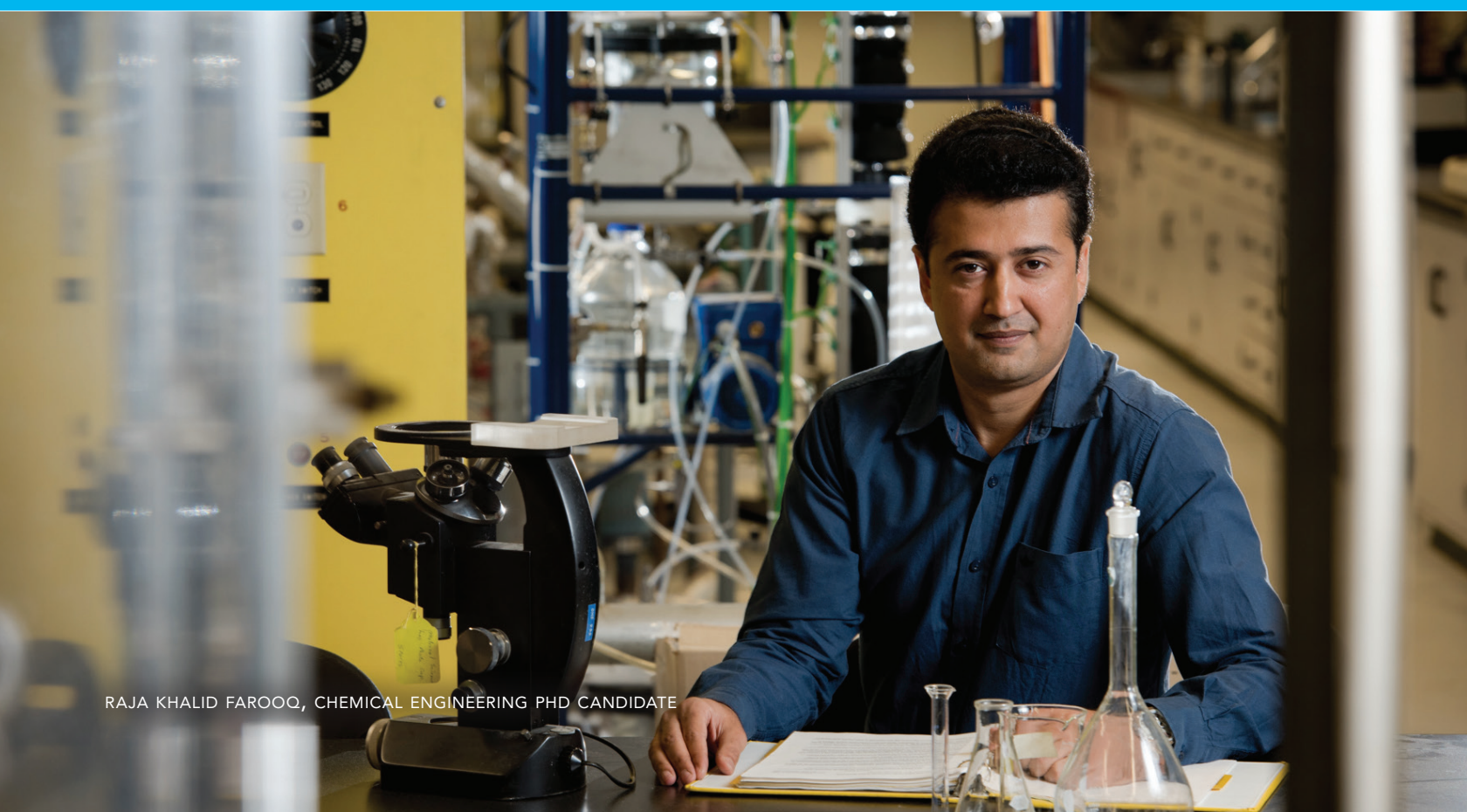
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RAJA KHALID FAROOQ, CHEMICAL ENGINEERING PHD CANDIDATE