



10-203 Donadeo Innovation Centre for Engineering · 9211 116 Street NW, Edmonton, Alberta, Canada T6G 1H9
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PhD/PDF Position – HVAC & Built Environment Mechanical Engineering

How to Apply

Interested candidates may contact **Dr. Lexuan Zhong** by email at lexuan.zhong@ualberta.ca to discuss their qualifications and the project. To apply for this opportunity, please submit a complete application package, including a cover letter detailing your specific interest in this project, resume, and transcripts as soon as possible.

Position

I am inviting applications from highly motivated PhD students and Postdoctoral Fellows to join our research group at the University of Alberta (Canada), supported through the **Canada Impact+ Research Training Awards** — a highly competitive, national-level funding program.

Funding Details

- Doctoral Awards: CAD \$40,000 per year for 3 years
- Postdoctoral Awards: CAD \$70,000 per year for 2 years

Official program page:

<https://sshrcrsh.canada.ca/en/funding/opportunities/canada-impact-plus-research-training-awards.aspx>

Research Areas (HVAC & Built Environment)

Opportunities are available in the following areas:

- Indoor air quality and air purification technologies
- Building energy systems and low-carbon buildings
- Resilient built environments under extreme climate conditions
- HVAC system design, modeling, and optimization
- Healthy and sustainable buildings

EngineeringAtAlberta.ca

Candidate Profile

We welcome applicants with backgrounds in:

- Mechanical Engineering (HVAC)
- Building Science / Built Environment
- Energy Systems / Environmental Engineering
- Minimum GPA: 3.5 (or equivalent).

Strong research motivation and proficiency in English are expected.

Start Date: Fall 2026

Research Website

For more information, please visit: <https://sites.ualberta.ca/~lexuan1/>