



Engineer-in Residence (EIR) Engineering Education

The Organization

As the premier centre for engineering research and education in the prairies, the University of Manitoba's Price Faculty of Engineering is the oldest engineering school in Western Canada and offers nearly 20 unique programs of study across multiple engineering disciplines.

Recognized as one of Manitoba's Top 25 Employers for nine consecutive years and one of Canada's Best Diversity Employers, University of Manitoba is ready to help you take the next step in your career!

The Opportunity

Engineers-in-Residence (EIRs) bridge the Price Faculty of Engineering with the engineering practice community (engineering industry) to enable educational partnerships. EIRs are individuals with proven track records in their respective industry sector and who bring the expertise of their industry sector directly to students. EIRs are involved in a variety of settings including curriculum development, delivery, and mentoring students, capstone design advising, advising extracurricular student design teams, and building co-op employment connections.

This EIR position is specifically dedicated to developing and delivering the Operational Excellence program in the Price Faculty of Engineering, which is offered twice per calendar year. The total hours are flexible (between 0.3 and 0.5 FTE) and position responsibilities will be adjusted accordingly if the lower end of the range is mutually agreed upon. The position requires ongoing availability to meet with partners and students outside of regular business hours.

Responsibilities include but are not limited to:

- Develop and deliver the Operational Excellence program in the Price Faculty of Engineering. Students address real industry problems provided by industry partners, to methodically apply operational excellence and engineering principles and theory. The incumbent is responsible to design and deliver this program.
- Develop and cultivate a wide network of industry partners and collaborators to support the Operational Excellence program.
 - Industry partners provide projects for students to deliver through the OpEx program. The incumbent will develop the industry networks to secure the appropriate number and type of projects for each offering of the course.
- Advise and mentor capstone design projects in the undergraduate programs and extra-curricular design competition teams
- Support the undergraduate engineering curriculum by bringing sector-specific expertise in design process, quality, project management, and/or manufacturing planning and methods into the curriculum through guest lectures and faculty consultation.
- Represent the Price Faculty of Engineering at sector-specific events, associations, etc. as directed and on an as required basis, to support industry engagement and awareness of the Price Faculty of Engineering within the external community

Selection Criteria:

- **Bachelor's degree** in Mechanical, Manufacturing, Industrial Engineering or closely related discipline required.
- **Master's degree** required (Engineering, MBA, or equivalent)
- **P.Eng.** registration in good standing with Engineers Geoscientists Manitoba required.
- **Lean/Six Sigma Black Belt** certification required.



- A minimum of **10 years' industry experience** in professional engineering, including experience and knowledge in Operational Excellence principles applied to Manitoba industries.
- Strong leadership skills to lead people and projects.
- Strong problem solving skills and trouble shooting skills.
- Strong communication skills (oral + written), with the ability to present to a wide variety of audiences within and outside the University.
- Strong skills in managing teams.
- High level of organizational skills and ability to manage multiple priorities.
- Excellent project and time management skills.
- Demonstrated proficiency with Microsoft Office applications and intermediate-level functionality in a Windows operating environment.
- Demonstrated skill in establishing and sustaining professional networks within the University environment and the broader corporate and education communities.
- Ability to make decisions and plan and control projects.

Apply by July 1, 2026 by emailing Janice Lane, Human Resources Manager, Price Faculty of Engineering at:

Janice.lane@umanitoba.ca

Or alternatively call:

204-474-7129

The University of Manitoba is committed to the principles of equity, diversity & inclusion and to promoting opportunities in hiring, promotion and tenure (where applicable) for systemically marginalized groups who have been excluded from full participation at the University and the larger community including Indigenous Peoples, women, racialized persons, persons with disabilities and those who identify as 2SLGBTQIA+ (Two Spirit, lesbian, gay, bisexual, trans, questioning, intersex, asexual and other diverse sexual identities).

If you require accommodation supports during the recruitment process, please contact UM.Accommodation@umanitoba.ca or 204-474-7195. Please note this contact information is for accommodation reasons only.

Application materials, including letters of reference, will be handled in accordance with the protection of privacy provisions of "The Freedom of Information and Protection of Privacy Act" (Manitoba). Please note that curriculum vitae will be provided to participating members of the search process.