

Women in Chemical Engineering Tenure-Track Faculty
Position
McMaster University

Direct Link: <https://www.AcademicKeys.com/r?job=264329>

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Posted Oct. 23, 2025, set to expire Mar. 7, 2026

Job Title	Women in Chemical Engineering Tenure-Track Faculty Position
Department	Chemical Engineering
Institution	McMaster University Hamilton, Ontario
Date Posted	Oct. 23, 2025
Application Deadline	Nov. 28, 2025
Position Start Date	Jul. 1, 2027
Job Categories	Assistant Professor
Academic Field(s)	Chemical/Petroleum
Job Website	https://hr.mcmaster.ca/careers/current-opportunities/
Apply Online Here	https://hr.mcmaster.ca/careers/current-opportunities/
Apply By Email	
Job Description	

Recognizing the critical role that diversity of identity, background and perspective play in harnessing creativity and innovation, McMaster University's Faculty of Engineering invites applications for a women in engineering tenure-track position in the Department of Chemical Engineering to begin July 1, 2027 or on a mutually agreed date thereafter. The appointment will be at the rank of Assistant Professor.

Ranked among the top engineering schools in Canada and worldwide, McMaster Engineering has a long history of excellence in cutting edge research, student-focused education, innovative programs, leading faculty, and achieving students. We integrate experiential learning into every facet of the

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student journey, offer Canada's largest undergraduate research program, support vibrant co-op opportunities, and more. With 225 faculty members, about 8,000 undergraduate and 1,400 graduate students, we are a world-class centre for academic excellence and innovation.

Founded in 1887, McMaster University is one of only four Canadian universities ranked among the top 80 in the world by the Times Higher Education World University Rankings for 2022 and is home to more than 70 research centres and institutes. Named Canada's most research-intensive university in 2017, 2018, 2019 and 2020 by Research Infosource, McMaster is dedicated to teaching, learning and service. With a total student population of more than 37,000, McMaster welcomes students from 120 countries as well as Canada. Discover more of what McMaster Engineering and the Hamilton area can offer to academic professionals and their families by reviewing the [Information Guide](#) highlighting our research excellence, family-friendly resources and rich local culture. Opportunities for continuous personal and professional growth are also made available through our Faculty's [Fireball Academy](#) and the [MacPherson Institute](#).

Successful Candidate

We seek talented and dynamic women in chemical engineering who will contribute to the department's excellence in research, teaching, and service. We will consider candidates in all areas relevant to the faculty's strategic plan of *engineering a brighter future*. Candidates working in interdisciplinary, crosscutting research areas that address global grand challenges are desirable. Specific research topics of interest include but are not limited to resource recovery techniques; membrane design; catalysis; energy conversion; circular economies; and process intensification.

Applicants are expected to have a PhD in Chemical Engineering or related areas, and must demonstrate an impactful record of research, reflected by publications in relevant high-quality peer-reviewed journals and external grant acquisition (for established researchers). The successful candidate will teach both undergraduate and graduate level courses. They will be expected to establish a strong externally funded research program, supervise graduate students, and foster collaborations within the Department, Faculty, University, and beyond.

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Applicants should also possess outstanding leadership and communication skills, a commitment to excellence in service, and ability to work effectively with individuals from diverse backgrounds. Any evidence demonstrating communication and service excellence in the areas of teaching, research, or service is encouraged but not required. All candidates will be expected to participate in the normal administrative, educational, and professional activities of the Department, Faculty and University. Applicants are expected to have licenses for the practice of engineering in Canada or the ability and eligibility to apply for an engineering license with the Professional Engineers of Ontario within 3 years.

Commitment to Inclusive Excellence

The diversity of our workforce is at the core of our innovation and creativity and strengthens our research and teaching excellence. In keeping with its Statement on Building an Inclusive Community with a Shared Purpose, McMaster University strives to embody the values of respect, collaboration, and diversity, and has a strong commitment to employment equity.

We invite all applicants to complete a brief Diversity Survey as part of the application process. It takes approximately two minutes to complete. All questions are voluntary, with an option to decline to answer. All information collected is confidential and will be used to support efforts to broaden the diversity of the applicant pool and to promote a fair, equitable and inclusive talent acquisition process. Inquiries about the Diversity Survey may be directed to hr.empequity@mcmaster.ca.

Job applicants requiring accommodation to participate in the hiring process should contact the Office of the Dean of Engineering at 905-525-9140 ext. 24900 to communicate accommodation needs.

How to Apply

Please submit the following materials through the University's electronic portal:

<https://hr.mcmaster.ca/careers/current-opportunities/> **Job Opening #72553** by November 28, 2025 to:

Dr. Jake Nease, Associate Professor and Chair

Department of Chemical Engineering

McMaster University, JHE 374

Hamilton, ON Canada L8S 4L8

- letter of application demonstrating how the candidate meets the selection criteria outlined above and describing, if applicable, the impact that career interruptions may have had on research

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productivity (1-2 pages)

- curriculum vitae
- statement on research interests (2-4 pages)
- a selection of recent research publications (3)
- statement on teaching interests and philosophy (1-2 pages) and selected evidence of teaching effectiveness
- statement on contributions to inclusive excellence in teaching, research, and service, including a description of how you will advance the University's commitment to building an inclusive community and to fostering a culture which embraces and promotes the rich diversity of the campus community (1-2 pages)
- the name, title, phone number, and email address for at least three (3) referees who are not in a conflict of interest. Letters of reference are not required at the time of application. The Department will request letters of recommendation from referees at later stages of the search process.

McMaster University recognizes the potential impact that career interruptions and personal circumstances (e.g., pregnancy, early childcare, eldercare, illness, etc.) can have on an applicant's record of research achievement. We encourage applicants to explain in their applications the impact that career interruptions or other issues may have had.

Review of applications will continue until the position is filled. The effective date of appointment is negotiable, but July 1, 2027 is preferred. All applicants will receive an online confirmation of receipt of their application; however, only short-listed applicants will be contacted for interviews. Direct any inquiries about this position to Kristina Trollip at trollip@mcmaster.ca.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. To comply with the Government of Canada's reporting requirements, the University gathers information about applicants' status as either a permanent resident of Canada or Canadian citizens. Applicants need not identify their country of origin or current citizenship; however, all applications must include one of the following statements:

Yes, I am a citizen or permanent resident of Canada

No, I am not a citizen or permanent resident of Canada

Questions regarding the above requirements or any accommodation requests through the recruitment process can be directed to hr.mcmaster@mcmaster.ca.

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EEO/AA Policy

In keeping with its Statement on Building an Inclusive Community with a Shared Purpose, McMaster University strives to embody the values of respect, collaboration and diversity, and has a strong commitment to employment equity. The diversity of our workforce is at the core of our innovation and creativity and strengthens our research and teaching excellence. The University seeks qualified candidates who share our commitment to equity, diversity and inclusion. While all qualified candidates are invited to apply, we particularly welcome applications from women, persons with disabilities, First Nations, Métis and Inuit peoples, members of racialized communities, and 2SLGBTQIA+ persons.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Chair of Search Committee
Chemical Engineering
McMaster University
1280 Main Street
Hamilton, ON
Canada

Contact E-mail trollip@mcmaster.ca