



UM | Department of Mechanical Engineering
Price Faculty of Engineering

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University of Manitoba
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Department of Mechanical Engineering
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University of Manitoba Winnipeg, Manitoba, Canada
Assistant Professor Position # 32619

The **Department of Mechanical Engineering** at the University of Manitoba, located on Treaty 1 land, invites applications for a full-time probationary tenure-track faculty position at the **Assistant Professor** rank in the area of **Thermo- Fluids** with a start date of **July 1, 2023**, or as soon as possible thereafter. Salary will be commensurate with experience and qualifications.

The successful candidate: 1) must hold undergraduate and doctoral degrees in Mechanical Engineering or related field; 2) must be registered or eligible for registration as a professional engineer with Engineers Geoscientists Manitoba; 3) will be expected to develop and teach heat transfer and other related courses in the area of thermo-fluids at the undergraduate and graduate levels; 4) will be expected to establish an externally funded and sustainable research program; 5) must possess excellent communication and leadership skills; 6) preferably has postdoctoral/industry experience and publications in reputable journals or patents; and 7) will be expected to provide professional service to the Department, the Faculty, the University and the community.

The successful candidate will be expected to initiate and lead an outstanding, independent, innovative, externally funded research program of international caliber. We are particularly interested in a candidate who will complement existing computational or experimental thermo-fluids expertise in the department and who has a demonstrated record of research excellence in thermo-fluids and expertise in heat transfer.

The Department of Mechanical Engineering is a research-intensive department that is comprised of 25 academic staff, 16 support staff and over 30 postdoctoral fellows, visiting scholars and adjunct professors. It offers an accredited undergraduate program in Mechanical Engineering with over 500 students. The Department has a strong graduate teaching and research program with over 120 graduate students in its PhD, MSc, and MEng programs. It maintains funded research activities with industrial partners and government research laboratories. Additional information can be found at our website: <https://umanitoba.ca/engineering/mechanical>

The University of Manitoba is a driving force of innovation, discovery, and advancement. Our momentum is propelled by our campus community – UM faculty, staff, and students whose determination and curiosity shape our world for the better. Our teaching, learning and work environment is uniquely strengthened and enriched by Indigenous perspectives. With two main campuses in Winnipeg, satellite campuses throughout Manitoba, and world-wide research, UM's impact is global.

Discover outstanding employee benefits, experience world-class facilities, and join a dynamic



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community that values reconciliation, sustainability, diversity, and inclusion. We are one of Manitoba's Top Employers and one of Canada's Best Diversity Employers. At the University of Manitoba, what inspires you can change everything.

Applicants are requested to submit the following materials, preferably via email as one PDF file referencing **Position Number 32619. Review of applications will commence on December 1, 2022, and will continue until the position is filled.** Application materials will be shared with the members of the search committee. The complete application package must include:

1. Cover letter with a concise summary of qualifications and a personal statement of suitability for the position,
2. Complete curriculum vitae,
3. Research statement highlighting the applicant's most significant contributions and connecting these to the applicant's vision of success in the short-term, medium-term (~5 years) and long-term (career),
4. A sample of three peer-reviewed publications,
5. Statement of teaching philosophy and interests that documents the applicant's experience in, and approach to, training and mentoring diverse students,
6. Statement describing past, present, or planned actions to promote equity, diversity, inclusion and reconciliation in the academic community (maximum one page), and
7. Names and contact information of three (3) referees.

Please submit applications to:

Olanrewaju Ojo, Professor and Head, Department of Mechanical Engineering
C/O Ms. Jill Lautenschlager, Department of Mechanical Engineering,
E2-327 EITC, 75A Chancellors Circle, University of Manitoba,
Winnipeg, Manitoba, Canada R3T 5V6
Email: Jill.Lautenschlager@umanitoba.ca

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

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). All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.



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

For more information on this and other opportunities, please visit: <https://umanitoba.ca/careers/>