



Instructor (Position 31218)
Department of Biosystems Engineering

Building on the decades of work led by Indigenous Elders, students, scholars and staff to decolonize our institution, the University of Manitoba (UM) is pleased to invite applications from Indigenous scholars for the position of Instructor, Department of Biosystems Engineering.

Job Description:

The Faculty of Agricultural & Food Sciences and Price Faculty of Engineering invite applications from Indigenous (e.g., First Nations, Métis, Inuit) Scholars for a full-time probationary Instructor position at the rank of Instructor I or Instructor II with an anticipated start date of July 1, 2022. The successful candidate will be appointed in the Department of Biosystems Engineering. Salary will be commensurate with experience and qualifications.

Responsibilities:

The successful candidate is expected to: 1) teach in the Department of Biosystems Engineering, and 2) participate in the department's service responsibilities within the UM community.

Teaching: The successful candidate is expected to teach four courses per year, with courses assigned based on their interests and technical expertise. Mentoring by a senior member of the department/faculty will be available to those who may have limited teaching experience and a reduced teaching load will be granted for at least the first year.

Service Responsibilities: All academic staff are expected to contribute to the various committees required for the functioning of the department, faculty and university, and are encouraged to participate in service in their professional community. The candidate is invited to propose and contribute to activities that will enhance Indigenous Knowledge and perspectives in the curriculum and practices of the two Faculties, according to their strengths and interests combined with the needs in the Faculties. In such work, the candidate will have support of senior leadership in both Faculties and engaged colleagues which include existing Indigenous Scholars in both Faculties, the ENGAP Program, and other champions.

Qualifications:

The successful candidate must: 1) hold an undergraduate engineering degree (a post-graduate degree at the Masters or PhD level is desirable, but not required); 2) be registered or be eligible for registration as a Professional Engineer with Engineers Geoscientists Manitoba; and 3) possess the attributes to collaborate effectively in a team environment. Teaching experience at a post-secondary institution (as either course instructor or teaching assistant) is desirable, but not required.

All applicants must self-identify as Indigenous in their cover letter. Because this is a position restricted to self-identified Indigenous candidates, applicant self-identification information will be used for the purposes of screening and consideration. Please note that this information will be securely accessed only by members of a central selection committee and, for nominees selected, for the fulfillment of hiring purpose(s). Consideration will be given to qualified candidates who are Indigenous in their respective countries/territories; however, Canadians and permanent residents will be given priority. The UM is strongly

committed to equity and diversity within its community and especially welcomes applications from women, persons with disabilities, persons of all sexual and genders identities, and others who may contribute to the further diversification of ideas. 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. **All members of the University of Manitoba community are required to submit proof of COVID-19 vaccination. For more information please visit the University of Manitoba COVID website <https://umanitoba.ca/coronavirus>.**

Additional Information:

The UM (<http://www.umanitoba.ca/about>) is the province's largest, most comprehensive and only research-intensive post-secondary educational institution. It is home to a wide range of research centres and institutes. Administratively, the Department of Biosystems Engineering resides in the Faculty of Agricultural & Food Sciences but delivers an undergraduate engineering program whose accreditation and administration is through the Price Faculty of Engineering. Thus, Biosystems Engineering faculty and staff have strong connections and responsibilities to both Faculties. There are currently 13 tenured or tenure-track professors, 3 full-time instructors, and the equivalent of 7.2 support staff (3.2 administrative & 4 technical). Undergraduate enrolment in the Biosystems Engineering program is approximately 150 students, with an additional 50-60 graduate students in the Masters and Ph.D. programs. The undergraduate teaching responsibilities of the department include courses for the accredited B.Sc. in Biosystems Engineering and service courses for the degree and diploma programs in Agricultural & Food Sciences.

The UM campuses are located on original lands of Anishinaabeg, Cree, Oji-Cree, Dakota, and Dene peoples, and on the homeland of the Métis Nation. Manitoba's Indigenous population is young and rapidly growing. Statistics Canada census data suggest that Indigenous peoples will comprise nearly 19 per cent of Manitoba's population by 2026. UM's role in reconciliation, its connections with Indigenous students, partners and communities, and its commitment to Indigenous achievement are central to the kind of future the University seeks to create. Creating Pathways to Indigenous Achievement is a key priority for the University, as identified in its 2015-2020 strategic plan (extended to 2022), *Taking Our Place*. <https://umanitoba.ca/sites/default/files/2021-10/our-shared-future-building-on-our-strategic-plan-final-oct13-2021-.pdf> The UM is home to a vibrant Indigenous community, including 2,600 First Nations, Métis and Inuit students – one of the largest Indigenous student populations in the country, and is working to establish more Indigenous voices throughout its governance systems and organizational structure. Honoured to be chosen as host of the National Centre for Truth and Reconciliation, the UM is dedicated to advancing Indigenous research and scholarship, and to becoming a centre of excellence for this work.

The UM is located in Winnipeg, a prairie city with a population exceeding 700,000. Winnipeg's ethnic diversity is notable and is celebrated through its many annual Festivals. Winnipeg is proud of its world-class arts and entertainment and professional sports teams. Winnipeg boasts a balanced lifestyle with affordability, as the Winnipeg housing market is one of Canada's most favourable. Winnipeg is also close to great outdoor recreational activities with a wide variety of lakes, beaches, and wilderness areas within a quick drive from the City. For more information about the City of Winnipeg, visit: <https://destinationwinnipeg.wordpress.com> and <http://www.winnipeg.ca/interhom/>

The name "Winnipeg" is from a Cree word meaning muddy water. It's been a gathering place for generations, and many Indigenous people consider this place the heart of Turtle Island. Built on Treaty 1 territory, Winnipeg is the birthplace of the Métis Nation, and it's where Louis Riel established Manitoba. (<https://www.cbc.ca/radio/unreserved/unreserved-tour-explores-winnipeg-s-history-from-indigenous-public-art-lens-1.6200508>) The South Point of Winnipeg, the area known collectively as The Forks, is officially named *Niizhoziibeau*, meaning two rivers in Ojibway, to honour Winnipeg's Indigenous heritage where the Red and Assiniboine Rivers bring people from three directions to meet at the confluence (<https://www.theforks.com/blog/253/niizhoziibeau-honouring-our-indigenous-heritage>).

Applicants interested in this position are asked to submit the following:

- cover letter,
- curriculum vitae,
- teaching narrative in which you describe why you are drawn to a career as a university instructor and provide details of any relevant experience,
- names and contact information of three references, and
- Indigenous Canadian self-declaration verification.

Applications will be accepted until February 15, 2022.

Enquiries and applications should be directed to the chair of the Indigenous Scholar Search Committee:

Dr. Danny Mann, P.Eng.

Professor & Head

Department of Biosystems Engineering

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University of Manitoba

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Application materials and letters of reference will be handled in accordance with the protection of privacy provisions of “The Freedom of Information and Protection of Privacy” (Manitoba). Please note that any submitted curriculum vitae will be made available to participating members of the search process.