

ASSISTANT PROFESSOR, BRIDGE DESIGN & CONSTRUCTION

Department of Civil Engineering
University of Manitoba

The **Department of Civil Engineering** at the **University of Manitoba** invites applications for a **full-time tenure track position** at the **Assistant Professor** level in the area of **bridge design and construction (Position 25654)** with a start date of January 1, 2019.

The successful candidate:

- 1) Must hold undergraduate and doctoral degrees in Civil Engineering or a related area;
- 2) Must be registered or eligible for registration as a member of Engineers Geoscientists Manitoba;
- 3) Will be expected to develop and teach civil engineering courses at the undergraduate and graduate levels;
- 4) Will be expected to establish an externally funded and sustainable research program; and
- 5) Must possess excellent communication and leadership skills.

We are particularly interested in candidates who complement existing expertise in the department and who have a demonstrated record of research and publications in the area of **bridge design and construction**, with related expertise and applications in one or more of the following: **reliability and risk analysis in bridge engineering, steel bridge design and analysis, finite element analysis or bridges, dynamic analysis of bridges**. The Structural Engineering Group of the Civil Engineering Department has established collaborations both within the Department and the Faculty and with external industry. Its funding comes from NSERC, the Province of Manitoba, the City of Winnipeg, and other industries.

The Department of Civil Engineering (www.umanitoba.ca/civil) has twenty one faculty members, thirteen support staff, and approximately three hundred undergraduate and one hundred and fifty graduate students. One third of faculty members and twenty eight percent of students are female at both undergraduate and graduate level.

The University of Manitoba is a research-intensive university. From its two campuses in Winnipeg, the university serves all parts of the province, including inner city and suburban areas, rural and northern communities, and attracts students from all population groups and walks of life.

The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, racialized persons/persons of colour, Indigenous peoples, persons with disabilities, persons of all sexual orientations and genders, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Review of applications will begin **August 1, 2018**, and will continue until the position is filled. Applicants are invited to submit a cover letter, curriculum vitae, a statement of research and teaching interests, three samples of publications, and names and contacts of three references. Applications must be submitted by email to Bridge25654@umanitoba.ca. Please combine all documents in **one Adobe Acrobat (pdf) file** and indicate the position 25654 on all correspondence.

Enquiries about this search should be directed to the Search Committee Chair:

Dagmar Svecova, PhD, P.Eng.
Professor and Head,
Department of Civil Engineering
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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.