



# Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce Canadian Indigenous Job Seekers to a new approach to job searching. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Canadian Indigenous Peoples with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:

Toll Free Phone: (866) 225-9067

Toll Free Fax: (877) 825-7564

17 – 2595 Main Street

Winnipeg, MB R2V 4W3

Subsidiary Offices:

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# Job Board Posting



Careers.Indigenous.Link

Date Printed: 2021/10/25

## Assistant Professor, Assistive & Rehabilitation Robotics

|                       |                                                                                                                                                   |                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>Job ID</b>         | <b>01-A0-F9-B9-88-89</b>                                                                                                                          |                     |
| <b>Web Address</b>    | <a href="https://careers.indigenous.link/viewjob?jobname=01-A0-F9-B9-88-89">https://careers.indigenous.link/viewjob?jobname=01-A0-F9-B9-88-89</a> |                     |
| <b>Company</b>        | University Of Waterloo                                                                                                                            |                     |
| <b>Location</b>       | Waterloo, Ontario                                                                                                                                 |                     |
| <b>Date Posted</b>    | From: 2021-09-16                                                                                                                                  | To: 2021-11-01      |
| <b>Job</b>            | Type: Full-time                                                                                                                                   | Category: Education |
| <b>Job Start Date</b> | July 1, 2022                                                                                                                                      |                     |
| <b>Job Salary</b>     | \$110,000 To \$164,000                                                                                                                            |                     |
| <b>Languages</b>      | English                                                                                                                                           |                     |

### Description

Faculty Position in Assistive & Rehabilitation Robotics at the University of Waterloo

The Department of Systems Design Engineering in the Faculty of Engineering at the University of Waterloo invites applications from highly qualified individuals for a tenure track position at the rank of Assistant Professor in Assistive & Rehabilitation Robotics with an anticipated start date of July 1, 2022. In the case of an exceptional candidate, an appointment at the rank of Associate Professor will be considered.

The successful candidate must have a PhD in Engineering, or an equivalent discipline, in a robotics topic and demonstrable experience, and preferably postdoctoral training and research experience after PhD. Applicants should have demonstrated research strength in Assistive and Rehabilitation Robotics with a focus on lower limb and whole body movement. Areas of interest include but are not limited to the design and development of exoskeletons, exosuits or other assistive devices, soft robotics, gait training robots, physical therapy robots, actuators for assistive / rehabilitation robots, human-robot interfaces, and functional electrical stimulation. Preferred candidates will have a demonstrated ability to collaborate and work with multi-disciplinary team members, particularly those in the healthcare community. The applicant must be committed to establishing an interdisciplinary internationally recognized research program. Applicants must have excellent communication skills and a dedication to both teaching and research. Duties will also include teaching in the Biomedical Engineering and Systems Design Engineering programs covering core courses as well as electives. They also include advising graduate and undergraduate students as well as administrative services at the university as well as the international research community.

The candidate is expected to collaborate with other faculty in Biomedical Engineering, Robotics and AI, in particular the Canada Excellence Research Chair in Human-Centred Robotics and Machine Intelligence, and other colleagues within the University, and establish strong external research collaborations.

The salary range for this position at the rank of Assistant Professor is \$110,000 to \$164,000 CAD. Applications will be accepted until November 1, 2021.

The successful applicant is expected to have an engineering license for practice in Canada or to apply for a Canadian engineering license within the first year of joining the university and must be registered as a Professional Engineer within 5 years from the start of their appointment.

Systems Design Engineering (SYDE) with more than 1,000 students and 42 dedicated faculty is uniquely positioned to lead the interdisciplinary Biomedical Engineering program, Waterloo's most competitive and in-demand major. Some of UW's most successful entrepreneurs graduate from Systems Design Engineering. Its faculty members develop design- and system-focused curriculum and conduct world-leading research in socio-environmental systems, human factors, as well as mechatronic and physical systems. SYDE also hosts the Centre for Society, Technology and Values (CSTV). Waterloo Engineering has the largest and most active Robotics and Automation research group in Canada, with over 45 faculty members conducting research in this area. The University of Waterloo has 42,000 students and 220,000 alumni in 151 countries. Waterloo is Canada's largest engineering school and ranks among the top 50 engineering schools worldwide. Waterloo Engineering boasts over \$96 million of research funding per year. Waterloo is home to 74 Canada Research Chairs and is well-known for its 100% creator-owned IP policy. Operating

world-renowned cooperative education programs, UW partners with more than 7,000 employers in six countries. The University of Waterloo covers 1,000 acres in the heart of Waterloo, Ontario, Canada (regional population 600,000), an hour west of Toronto, with its global-hub airport.

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is centralized within our Indigenous Initiatives Office.

### **How to Apply**

Click "Apply Now"

To apply, individuals are to complete an online application form that includes loading a single pdf containing:

1. a cover letter,
2. a current curriculum vitae,
3. a research statement including accomplishments goals, and outcomes over 5-years
4. a statement of teaching philosophy and interests,
5. a diversity impact statement that addresses how the candidate's research/teaching program will advance equity, diversity, and inclusion goals (compare e.g., [https://www.nserc-crsng.gc.ca/\\_doc/EDI/Guide\\_for\\_Applicants\\_EN.pdf](https://www.nserc-crsng.gc.ca/_doc/EDI/Guide_for_Applicants_EN.pdf)), and
6. up to three pdfs of journal articles in a related field, and a statement of contributions to each.

The link to apply is here: <https://uwaterloo.ca/engineering/application-syde-assistive-rehab-robotics-opening>

The cover letter is to be addressed to:

Prof. Katja Mombaur

Chair of the Search Committee, Department of Systems Design Engineering, University of Waterloo

If you have any questions regarding the position, the application process, assessment process, eligibility, or a request for accommodation during the hiring process, please contact [katja.mombaur@uwaterloo.ca](mailto:katja.mombaur@uwaterloo.ca)

The University values the diverse and intersectional identities of its students, faculty, and staff. The University regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. The University of Waterloo seeks applicants who embrace our values of equity, anti-racism and inclusion. As such, we encourage applications from candidates who have been historically disadvantaged and marginalized, including applicants who identify as Indigenous peoples (e.g., First Nations, Métis, Inuit/Inuk), Black, racialized, people with disabilities, women and/or 2SLGBTQ+.

The University of Waterloo is committed to accessibility for persons with disabilities. If you have any workplace accommodation requests, please contact Human Resources at [hrhelp@uwaterloo.ca](mailto:hrhelp@uwaterloo.ca) or 519-888-4567, ext. 45935.

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

Three reasons to apply: <https://uwaterloo.ca/faculty-association/why-waterloo>.