Teaching-Track Faculty Position

McMaster University, Department of Computing and Software

McMaster University is located on the traditional territories of the Haudenosaunee and Mississauga Nations and, within the lands protected by the Dish with One Spoon wampum agreement.

Position Description

McMaster University's Faculty of Engineering invites applications for two teaching-track faculty positions at the rank of Assistant Professor in the Department of Computing and Software; however, exceptional candidates may be considered at the rank of Associate Professor. The position will be located on the main university campus to begin on July 1, 2024, or shortly thereafter.

The Department seeks to recruit two excellent teachers with interest and experience in experiential learning and innovative ways of teaching computing. We value candidates who will be effective role models for our increasingly diverse student body. Successful candidates will be expected to:

- Teach introductory undergraduate courses in Computer Science and Software Engineering.
- Contribute towards the delivery of the Department's undergraduate programs, e.g., by mentoring Computer Science, Software Engineering, and Mechatronics Engineering students and introducing new teaching techniques.
- Participate in the ongoing development of curricula for our Computer Science B.A.Sc. program, Software Engineering B.Eng. program, and Mechatronics Engineering B.Eng. program.
- Provide leadership for improving teaching effectiveness throughout the Department.
- Develop a pedagogy-related research program in computing.

Registration, or eligibility for registration, by the Professional Engineers of Ontario is required. Salary and rank are commensurate with experience and qualifications.

The successful applicants will hold a PhD in Computer Science, Software Engineering, or a related discipline. Alternatively, applicants will hold a doctorate in education, with a focus on computing. The applicant must also demonstrate a record of excellence in teaching, reflected in outstanding teaching records, and a willingness and ability to contribute to the department's collegial and collaborative intellectual community as well as university-wide inclusive excellence goals and priorities. Applicants are expected to have demonstrated successful pedagogical research, or to show potential for successful pedagogical research.

The Department of Computing and Software is one of the top departments for Computer Science and Software Engineering in Canada. We have 41 faculty members with expertise in computer systems, software engineering, theoretical computer science, security, privacy, machine learning, data analytics, scientific computing, and bioinformatics. The department mentors over 1700 undergraduate students in three programs: computer science, software engineering, and mechatronics engineering. It also mentors more than 180 graduate students in masters and doctoral programs in computer science and software engineering.

McMaster Engineering has a reputation for innovative programs, cutting-edge research, leading faculty, and aspiring students. With over 225 faculty members who mentor approximately 8,000 undergraduate and over 1,400 graduate students, about half of whom are doctoral students, we have earned a strong reputation as a centre for academic excellence and high-impact research and innovation. Discover more of what McMaster Engineering and the Hamilton area have to offer academic professionals and their families by reviewing our 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 the Faculty of Engineering's Fireball Academy and the MacPherson Institute.

Commitment to Inclusive Excellence

The diversity of our workforce is at the core of our innovation and creativity and strengths 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.

The University seeks qualified candidates who share our commitment to equity and inclusion, who will contribute to the diversification of ideas and perspectives, and especially welcomes applications from First Nations, Métis and Inuit peoples, members of racialized communities ("visible minorities"), persons with disabilities, women, and persons who identify as 2SLGBTQ+.

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 an 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://careers.mcmaster.ca/psp/prepprd/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_APP_SCHJOB.GBL?Page=HRS_APP_JBPST&Action=U&SiteId=1000&FOCUS=Applicant&JobOpeningId=60240&PostingSeq=1

Chair

Department of Computing and Software
1280 Main Street West
McMaster University,
Hamilton, ON Canada L8S 4K1

- 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 productivity (1-2 pages)
- curriculum vitae
- statement on teaching interests and philosophy, including evidence of teaching effectiveness
- statement on contributions to inclusive excellence in teaching, research, or service in academic, professional or community contexts, 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 (2 pages)

- the name, title, phone number, and email address of 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.

Complete applications that are received by March 1, 2024 will receive full consideration. Review of applications will continue until the position is filled. The effective date of appointment is negotiable, but July 1, 2024 is preferred. All applicants will receive an online confirmation of receipt of their application; however, only short-listed applicants will be contacted for interviews.

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

Direct any inquiries about this position to chaircas@mcmaster.ca.

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