Canada Research Chair - Tier 1 Positions in the Faculty of Engineering

Date of online posting: July 26, 2019

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. In keeping with its Statement on Building an Inclusive Community with a Shared Purpose, McMaster University has a vision to achieve creativity, innovation and excellence in teaching, research and service by engaging a diverse and highly talented educational community and embodying the values of integrity, respect and collaboration.

The Faculty of Engineering at McMaster University has a reputation for innovative programs, cutting-edge research, leading faculty, and aspiring students. It has earned a strong reputation as a centre for academic excellence and innovation. The Faculty has over 180 faculty members, along with approximately 5,000 undergraduate and 1,000 graduate students. The Faculty of Engineering promotes a nurturing and inclusive environment where supportive resources are made accessible to assist with on-boarding and opportunities are made available for continuous personal and professional growth.

The Faculty of Engineering seeks to attract an active, culturally and academically diverse faculty member of the highest caliber and welcomes applications from highly qualified candidates with skills and abilities that will contribute to the values of equity, diversity and inclusion in research, teaching, and the workplace. Evidence of leadership skills, excellence in service, and a demonstrated ability to work effectively with individuals from diverse communities and cultures is also required.

Position Description:

The Faculty of Engineering invites applications for an open competition for at least two Canada Research Chair (CRC) Tier 1 positions in the fields of micro-nano technology, smart systems and/or bio-innovation. The Chair will be a full-time appointment at the rank of Professor. Applicants at the rank of Associate Professor are eligible and must be in a position to be promoted to the rank of Professor within one or two years of nomination. **Individuals who have a firm offer of employment in one of these categories to the University are also eligible.**

The Canada Research Chair (CRC) Program supports outstanding researchers in areas that will further the institution’s strategic research plan. To meet the criteria of the program, nominees must be outstanding and innovative world-class researchers who accomplishments have made a major impact in their fields; be recognized internationally as leaders in their fields; have superior records of attracting and supervising graduate students and postdoctoral fellows and, as chairholders, be expected to attract, develop and retain excellent trainees, students and future researchers; and be proposing an original, innovative research program of the highest quality.
Nominees for Tier 1 positions must be full professor or associate professors who are expected to be promoted to the rank of full professor within one or two years of nomination. All nominations for CRCs are subject to review and final approval by the CRC Secretariat.

Please consult the CRC website for full program information, including further details on eligibility criteria.

Selection Criteria:

The successful applicant must demonstrate a compelling vision for both continuing and further developing McMaster Engineering’s longstanding strengths in research in the fields of micro-nano technology, smart systems, and bio-innovation and graduate training as well as carrying on and enhancing McMaster University’s Strategic Research mission. The candidate must have completed a Ph.D. in a related engineering discipline.

The Chair will be expected to maintain an outstanding program of research, to teach at the undergraduate and graduate levels, to supervise and cultivate an intellectual community of graduate students working in one of these areas, to help sustain the collegial atmosphere within the Faculty, and to help realize the Faculty’s and University’s commitment to the goals of equity, diversity, and inclusivity.

Commitment to Inclusive Excellence: Equity, Diversity and Inclusion Statement

The diversity of our community and our workforce is integral to and at the core of our innovation and creativity and strengthens our research, teaching and service excellence, as well as our broader learning environment. To achieve this vision of inclusive excellence, McMaster is committed to principles of equity and inclusion. McMaster invites applications from all qualified candidates and particularly welcomes applications from self-identified Indigenous (First Nations, Métis and Inuit) peoples, members of racialized communities (“visible minorities”), persons with disabilities, women and LGBTQ+ persons of marginalized sexual orientation and gender identities.

How to apply:

Applicants should submit a letter of application together with a curriculum vitae, a sample of publications, evidence of teaching effectiveness, a research program summary proposal (3 pages maximum), a summary proposal of plans for the further development in one of the following areas: micro-nano technology, smart systems, and bio-innovation, contact information for at least four potential referees from who confidential letters of assessment can be obtained, and a statement describing any contributions that the applicant may have made to advancing equity, diversity and inclusion in teaching, learning, research or service within post-secondary, community-based and other professional settings (2 pages maximum).

McMaster University recognizes the potential impact that career interruptions and personal circumstances (e.g. pregnancy, early childcare, eldercare, illness, etc.) can have on an applicant’s record of research achievement. We encourage applicants to explain in their applications the impact that career interruptions, or other issues may have had under “Career Interruptions” at CRCs Guidelines for ensuring a fair and transparent recruitment and nomination process. Further detail may be found under Guidelines for Assessing the Productivity of Nominees.
All applicants must also complete this brief Diversity Survey as part of the application process, which will take approximately two minutes to complete. The questions are voluntary. 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.

Job applications requiring accommodation to participate in the hiring process should contact the Human Resources Service Centre at 905-525-9140 ext. 222-HR (22247) to communicate accommodation needs. Complete applications must be submitted via the University’s electronic portal by August 30, 2019 to ensure full consideration: http://www.workingatmcmaster.ca/careers/ (Faculty Postings, Job #28038). All applicants will receive an on-line confirmation of receipt of their application; however, only short-listed applicants will be contacted for interviews.

Queries should be addressed to Dr. John Preston, Associate Dean, Research and External Relations at engadr@mcmaster.ca.

All qualified candidates are encouraged to apply; however, Canadian and Permanent Residents will be given priority. Job applicants requiring accommodations to participate in the hiring process should contact the Human Resources Service Centre at 905-525-9140 ext. 222-HR (22247) to communicate accommodation needs.

To comply with the Government of Canada’s reporting requirements, the University is obliged to gather information about applicants’ status as either Permanent Residents 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