Canada Research Chair - Tier 2 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 2 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 Assistant Professor or Associate Professor, or possess the necessary qualifications to be appointed to these levels and must hold a full-time faculty appointment at McMaster University within the Faculty of Engineering. Individuals who have a firm offer of employment in one of these categories to the University are also eligible.

Within the Canada Research Chair (CRC) Program, Tier 2 Chairs, tenable for five years and renewable once, are intended for exceptional emerging researchers (i.e., candidates must have been an active researcher in their field for fewer than 10 years at the time of nomination) and acknowledged by their peers as having the potential to lead in their field. Tier 2 nominees must:

- be excellent emerging world-class researchers who have demonstrated particular research creativity;
- have demonstrated the potential to achieve international recognition in their fields in the next five to ten years;
Candidates who are more than 10 years from having earned their highest degree and who have had career breaks, such as maternity, parental, or extended sick leave, clinical training, etc., may have their eligibility for a Tier 2 Chair assessed through the program’s Tier 2 justification process. Please contact Dr. John Preston, Associate Dean, Research and External Relations at engadr@mcmaster.ca for more information. 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 as described 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.

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 #28039). All applicants will receive an on-line confirmation of receipt of their application; however, only short-listed applicants will be contacted for interviews.

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. 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