



**Tier 1 Canada Research Chair in Ubiquitous Connectivity  
Faculty of Engineering and Applied Science  
Memorial University of Newfoundland**

Date posted online: January 12, 2022

Closing date: February 14, 2022

The Faculty of Engineering and Applied Science at Memorial University of Newfoundland and Labrador invites applications for a Tier 1 Canada Research Chair in Ubiquitous Connectivity in the Department of Electrical and Computer Engineering. This is a tenure-track faculty position at the full or associate professor level. Salary and academic rank will be commensurate with qualifications and experience.

The Canada Research Chairs Program was established by the Government of Canada to foster research excellence (<http://www.chairs-chaires.gc.ca/>). Tier 1 Chairs, tenable for seven years and renewable once, are for outstanding researchers acknowledged by their peers as world leaders in their fields. Nominees should be full professors or associate professors who are expected to be promoted to full professor within one or two years of the nomination date. Please visit the Canada Research Chairs website for detailed information, including eligibility criteria:

[https://www.chairs-chaires.gc.ca/program-programme/nomination-mise\\_en\\_candidature-eng.aspx#s](https://www.chairs-chaires.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx#s)

Our vision for the Canada Research Chair in Ubiquitous Connectivity is to develop innovative solutions for the unparalleled demand for ubiquitous and massive connectivity. This will be achieved by exploiting and integrating emerging satellite, terrestrial, aerial and underwater communications, with applications to various industries and sectors to satisfy global needs as well as those of Canada and the Province of Newfoundland and Labrador.

Applicants must hold a PhD in electrical and computer engineering or a related field, and have relevant expertise and experience in one or more of the following areas: adaptive and data-aware networks, massive device connectivity, intelligent Internet of Things (IoT) systems, artificial intelligence in communications, optical communications, underwater communications, cognitive radio systems and communications in harsh environments. The successful candidate should possess strong capabilities and experience in integrating theoretical and practical approaches to develop innovative strategies for the information and communications technology (ICT) sector, enabling IoT and enhanced broadband communications for urban and remote communities. The Chair will be expected to build upon existing institutional research strengths, and to lead an actively funded research program at Memorial University.

The Faculty of Engineering and Applied Science offers accredited undergraduate programs in civil engineering, computer engineering, electrical engineering, mechanical engineering, ocean and naval architectural engineering, and process engineering, following a fully integrated co-operative education model. For more information, please visit <http://www.mun.ca/engineering>.

Perched on Canada's North Atlantic coast, Memorial University of Newfoundland is a destination for discovery. A beacon for the 21st-century explorer, Newfoundland and Labrador's university is a unique learning community founded in 1925 as a living memorial to those who lost their lives in the First World War – "that in freedom of learning their cause and sacrifice might not be forgotten." Today more than 18,000 students from nearly 110 countries come together to discover. From the classics to advanced technology, the comprehensive university offers certificate, diploma, undergraduate, graduate and postgraduate programs across five campuses, numerous locations and online. A global network of almost 95,000 accomplished alumni throughout the world strengthens Memorial University's capacity and reputation for leadership in world-class research, teaching and public engagement. To take a closer look, visit [www.mun.ca](http://www.mun.ca).

The successful candidate should be eligible for registration as a professional engineer in the province of Newfoundland and Labrador.

The deadline to apply is February 14, 2022. Applications should be sent as a single PDF file containing a cover letter (1-2 pages), current curriculum vitae, research interests and plan (1-4 pages), teaching philosophy and plan (1-2 pages), copies of three relevant technical publications, and names and contact information of three referees to:

**Dr. Cheng Li, Department Head  
Electrical and Computer Engineering  
Faculty of Engineering and Applied Science  
Memorial University  
St. John's, Newfoundland, Canada, A1B 3X5  
E-mail: [enr.ece@mun.ca](mailto:enr.ece@mun.ca)  
REFERENCE: F98803-2021-58**

Applicants are encouraged to explain any gaps in their career history and such explanations will be taken into consideration when assessing applications.

All qualified candidates are encouraged to apply; however, citizens and permanent residents of Canada will be given priority. Memorial University is committed to employment equity and diversity and encourages applications from all qualified candidates, including women; people of any sexual orientation, gender identity, or gender expression; Indigenous peoples; visible minorities and racialized people; and people with disabilities.

As part of Memorial University's commitment to employment equity, all applicants are invited to identify themselves as a member of a target group(s) (women; Indigenous peoples; racialized people; and people with disabilities) as appropriate. Applicants cannot be considered as a member of a target group(s) unless they complete an employment equity survey. If you do not receive a survey or have any questions, please contact [equity@mun.ca](mailto:equity@mun.ca).

Memorial is committed to providing an inclusive learning and work environment. If there is anything we can do to ensure your full participation during the application process, please contact [equity@mun.ca](mailto:equity@mun.ca) directly, and we will work with you to make appropriate arrangements.