

Posted on April 11, 2022

Canada Excellence Research Chair in Physics

[The Faculty of Science at Ryerson University](#), in Toronto, Canada, invites applications to the [Canada Excellence Research Chairs \(CERC\) Program](#) from a recognized leader in any of the following areas: Medical Imaging, Translational Imaging, Ultrasound Molecular Imaging, Lung Imaging, Theranostics and Quantitative Imaging; for a non-renewable period of eight years. The successful applicants to the CERC program will be appointed at the Full Professor or Associate Professor rank with tenure and the salary will be commensurate with qualifications and experience. With recent investments of over \$22M in infrastructure and operation funding by Ryerson University, the successful candidate will join a rapidly growing ecosystem focused on Medical Imaging involving the network of Research Hospitals in Toronto. The successful candidate will be nominated by the University for the Canada Excellence Research Chair (CERC) Program by mid-October 2022, with results expected by the end of March 2023. Awardees will have up to 12 months to commence the position after the notice of award and upon the acceptance being signed by all parties.

The Nominee will be expected to:

- Articulate, develop and advance a world class innovative and productive research program that contributes to Ryerson's [Scholarly, Research and Creative \(SRC\)](#) activities;
- Expand their leadership and influence within their academic discipline through editorships, awards, conference organization and other leadership contributions;
- Demonstrate a commitment to the equitable and inclusive training of diverse highly qualified personnel at all levels of study; and,
- Collaborate effectively within a multi-disciplinary community of researchers with various theoretical and/or experimental orientations and levels of analysis.

This position falls under the jurisdiction of the Ryerson Faculty Association (RFA) (www.rfanet.ca). The RFA collective agreement can be viewed [here](#) and a summary of RFA benefits can be found [here](#).

Nominees to the CERC program must be at the rank of Full Professor, or Associate Professor, and eligible to be promoted to Full Professor within one or two years of the nomination. Alternatively, if they come from outside the academic sector, nominees must possess the qualifications necessary to be appointed at these professoriate ranks. The nominee must hold a full-time academic appointment at the nominating institution as of the start date of the Chair award.

In addition to the above requirements, the successful Nominee will:

- Hold a Ph.D. (or equivalent) in a relevant discipline with documented research contributions;
- Have demonstrated an innovative and an internationally recognized program of research that advances the state of the art in relevant research areas with clear potential for interdisciplinary impact; and,
- Show evidence of a demonstrated commitment to equity, diversity and inclusion in their scholarly research and creative activities and teaching activities.

Nominations are subject to review by the CERC Secretariat and appointment as a Canada Excellence Research Chair is conditional upon their approval.

About Ryerson University

Located in downtown Toronto, one of the world's most diverse and innovative global cities and on the territory of the Anishinaabeg, Haudenosaunee, the Wendat Peoples and the Mississaugas of the Credit, [Ryerson University](#) is Canada's leader in innovative, career-oriented education. Urban, culturally diverse and inclusive, the University is home to more than 47,500 students, including 3,000 master's and PhD students, 4,000 faculty, instructors and staff and nearly 227,428 alumni worldwide. Ryerson researchers are on a trajectory of success and growth across a number of research areas; their long-standing partnerships and collaborations with community, industry, government, and professional practice drive innovation that responds to real-world problems.

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In August 2021, the University announced that it would begin a renaming process to reconcile the legacy of Egerton Ryerson for a more inclusive future. To learn more, please visit: <https://www.ryerson.ca/next-chapter/>.

Canada Excellence Research Chairs (CERC) Program

The CERC program aims to recruit the best global talent to Canada in order to support the next generation of leaders as integral parts of their ambitious core research teams, so they can chart their own paths forward. The social and economic benefits of the program will impact Canadians and others around the world through the commercialization, knowledge translation and mobilization the research generates.

CERC awards are among the most prestigious and generous available globally. The University desires to attract top-tier, internationally-based scholars and researchers to Canada. Following a highly competitive and rigorous selection process involving peer review, CERCs are appointed for a period of eight years, and will have a value of \$1,000,000 per annum over the award period. Chairs will be awarded in alignment with the [Government of Canada's ST&I](#) priority areas for the CERC Program. The ST&I priorities as identified by the Government of Canada are:

- Healthy Canadians
- Innovative and Resilient Communities
- Sustainable Food Systems
- Clean and Resource-Rich Canada
- Technologically Advanced Canada

The objectives of the CERC program are to:

- Strengthen Canada's ability to attract the world's top researchers, in order to be at the leading edge of breakthroughs in ST&I priority areas expected to generate social and economic benefits for Canadians;
- Help Canada build a critical mass of expertise in ST&I priority areas;
- Create a competitive environment to help Canadian institutions; in their pursuit of excellence in their research, attract a cadre of world-leading researchers; and,
- Contribute to branding Canada as a location of choice for world-leading research, science and technology development, alongside other federal programs with similar objectives.

How to Apply

Applicants must submit their application online via the [Faculty Recruitment Portal](https://hr.cf.ryerson.ca/ams/faculty/) [https://hr.cf.ryerson.ca/ams/faculty/] by selecting, "Start Application Process". Applications containing the following, must be received by **May 31, 2022**:

- **a letter of application** outlining your interest in the position and what makes you a strong candidate overall as a researcher, educator, and community leader;
- **a current curriculum vitae** providing a clear sense of your scholarly and professional development via your education and your research activities and outcomes, including but not limited to: peer-reviewed and non-peer reviewed publications, conference presentations, public talks, articles reaching specialist and non-specialist audiences, effective use of social media for research impact and networking; as well as your contributions to making your discipline a more equitable and inclusive discipline through committee work, community engagement, social media, and advocacy;
- **a research statement** discussing the significance, originality, and potential impacts of your current and developing research program (up to 3 pages), including your ability to build capacity inclusive of research funding outside the university;
- **a teaching portfolio** (up to 3 pages) and a dossier of syllabi demonstrating how you engage, encourage, and develop the learning capacity of students entering higher education from a diverse array of backgrounds, and how you embed practices and principles of equity, diversity and inclusion in your classroom, your assignments, and your classroom style;

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- **an EDI statement** that includes your record of attracting and mentoring a diverse group of students, trainees and research personnel, and establishing an equitable and inclusive research environment. This should include a plan for establishing and maintaining a diverse core team (at the student, trainee, personnel and early-career researcher levels), and an environment that is safe and inclusive and allows all team members to reach their full research potential (e.g., through the recruitment and outreach strategy, equitable training opportunities, professional development and mentoring); and,
- the names and email contact information of **three academic referees**.

Ryerson recognizes that scholars have varying career paths and that career interruptions can be part of an excellent research record and recognizes the legitimate impact that leaves (e.g., parental leave, leave due to illness) can have on a candidate's record of research achievement. These leaves will be taken into careful consideration during the assessment process. Please consult the [Canada Excellence Research Chairs website](#) for full program information, including further details on [eligibility criteria](#) and application requirements. Search committee members are instructed to give careful consideration to diverse experiences and knowledge, and to be sensitive to the impact of career interruptions in their assessments.

The selection process will be governed by the requirements for recruitment and nomination process of the Canada Research Chairs Program, and comply with the [Canada Research Chairs \(CRC\) Program's Equity, Diversity and Inclusion \(EDI\) Requirements and Practices](#). The selection process will follow the [Ryerson University Canada Research Chair Equity, Diversity and Inclusion Action Plan](#), which commits the University to intentionally pursuing and implementing system-wide equity initiatives to embed diversity and inclusivity in all university structures, programs, policies, and practices.

Subject to the relevant immigration regulations, the CERC program welcomes all nominees regardless of nationality and country of residence. Researchers who hold a full-time academic appointment at a Canadian institution are eligible, but should they be nominated the University will be required to demonstrate the net benefit to Canada in moving the researcher from one Canadian institution to another.

Working at Ryerson

At the intersection of mind and action, Ryerson is on a transformative path to become Canada's leading comprehensive innovation university. At Ryerson, we firmly believe that equity, diversity and inclusion are integral to this path; our current [academic plan](#) outlines each as core values and we work to embed them in all that we do.

Ryerson University welcomes those who have demonstrated a commitment to upholding the values of equity, diversity, and inclusion and will assist us to expand our capacity for diversity in the broadest sense. In addition, to correct the conditions of disadvantage in employment in Canada, we encourage applications from members of groups that have been historically disadvantaged and marginalized, including First Nations, Metis and Inuit peoples, Indigenous peoples of North America, racialized persons, persons with disabilities, and those who identify as women and/or 2SLGBTQ+. Ryerson is committed to both anti-ableism and accessibility for disabled persons. To find out more about legal and policy obligations please visit the [accessibility](#) and [Human Rights](#) websites.

Dedicated to a people first culture, Ryerson is proud to have been selected as one of Canada's Best Diversity Employers and a Greater Toronto Top Employer. We invite you to explore the range of [benefits and supports](#) available to faculty and their families, including access to our diverse [faculty and staff networks](#). Visit us on Twitter: [@RyersonU](#), [@RyersonHR](#), [@RyersonVPFA](#) and [@RyersonECI](#) and our [LinkedIn company page](#).

Contacts

Questions about the CERC program and Ryerson recruiting should be emailed to Dayle Levine (Manager, Institutional Projects, Office of the Vice-President, Research and Innovation, Ryerson University) at

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cerc@ryerson.ca. Specific research related questions in relation to this competition should be sent electronically to [Michael Kolios](mailto:Michael.Kolios@ryerson.ca), Associate Dean, Research, Faculty of Science.

Disabled persons who would like to learn more about working at Ryerson University are welcome to contact Heather Willis, Accessibility Co-ordinator at hwillis@ryerson.ca. For those requiring accommodations during the recruitment process, please contact cerc@ryerson.ca for arrangements.

Indigenous candidates who would like to learn more about working at Ryerson University are welcome to contact Tracey King, Miigis Kwe, the Indigenous Human Resources Lead and the Founding Co-Chair of the First Nations, Métis and Inuit Community Group at t26king@ryerson.ca.

Black identified candidates who wish to learn more about working at Ryerson University are welcome to contact Shurla Charles-Forbes, [Black Faculty & Staff Community Network](mailto:Black.Faculty.&Staff.Community.Network@ryerson.ca) at shurla.charlesforbes@ryerson.ca.