



RYERSON UNIVERSITY
STRATEGIC RESEARCH PLAN
2014-2018
Canada Research Chairs /
Canada Foundation for Innovation

- Developing new applications and assistive tools that promote **accessibility** and supporting people with disabilities.
- Crossing disciplines to explore new methods and applications in **3D printing and advanced manufacturing** in areas such as rapid prototyping and control systems.
- Combining established best practices with cutting-edge **content creation** platforms to advance storytelling innovation and diverse perspectives.

Energy & Sustainability

The health of our planet is a responsibility we all share. To meet the challenges posed by environmental degradation, Canada must develop sustainable institutions, practices, and technologies. There are c o g e n s



Areas of SRC activities in Health & Well Being at Ryerson include but are not limited to:

- Exploring the social determinants of health and proactive approaches to the **prevention** of disease and injury.
- Pioneering new methods and technologies for the **detection and diagnosis** of diseases as well as treatment monitoring.
- Developing new **therapies and treatments** for diseases and disorders as diverse as cancer, arthritis, and post-traumatic stress disorder (PTSD).
- Promoting **accessible, patient-centered systems and services** to meet the needs of diverse groups.

Technological & Industrial Innovation

New technological developments are rapidly being adopted in sectors that include manufacturing, robotics, construction, and more. These developments will be transformative, offering a new level of efficiency, flexibility, and responsiveness. Ryerson's focus on innovation in applied science positions us to make important contributions to t.04 (T) 480754 0130 014 (s)-4.ii2 (.)Tj 0.274 0



C. ALLOCATION OF CRCS BY STRATEGIC RESEARCH AREA

As of the June 2018 allocation process, Ryerson has been awarded a total of eight Tier 1 CRCs and eight Tier 2 CRCs. Over the years, Ryerson has used its “corridor of flexibility” to convert a SSHRC Tier 1 allocation to a CIHR Tier 1 in order to highlight the work of an internationally renowned researcher, and has split three NSERC Tier 1s into six NSERC Tier 2s, making a strategic decision to build capacity by attracting new research talent, supporting the work of promising researchers within the context of a growing research institution.

Deployment of open Chairs for extended timeframe

Research Theme	2017	2018	2019
Digital			



E. ESTIMATE THE NUMBER OF CHAIRS THE UNIVERSITY WILL OFFER TO ITS CURRENT FACULTY IN ORDER TO ENHANCE THEIR OPPORTUNITIES AND KEEP THEM AT THE INSTITUTION

AND

F. ESTIMATE THE NUMBER OF CHAIRS THE UNIVERSITY WILL OFFER TO RESEARCHERS IN CANADA AND, AS APPLICABLE, TO RESEARCHERS OUTSIDE CANADA

Ryerson takes a balanced approach to attracting and retaining, with roughly 50% of CRCs being allocated to retain existing faculty members who show promise as leaders in their fields and 50% to attract new researchers who represent

