Canada Research Chair, Tier II, Big Data
Department of Computer Science, Faculty of Science, University of Calgary

Applications are sought from emerging leaders in **Big Data** for a Tier II Canada Research Chair (CRC) at the University of Calgary. The Chair will be appointed to a tenure-track position at the Assistant or junior Associate Professor level, with this appointment conditional upon a successful CRC application. The Chair will be housed in the Department of Computer Science. Applicants must possess a PhD in Computer Science (or equivalent) at the time of appointment, and have a stellar research record. Successful applicants must be enthusiastic about contributing to both teaching and research.

"Big Data" refers to an emerging research paradigm in which large volumes of data are transformed into useful knowledge. This paradigm has broad applicability in virtually every public and private sector domain, including digital humanities, energy sciences, environmental monitoring, genomic analysis, health informatics, oil/gas exploration, space sciences, and more.

The Chair holder is expected to establish an extensive independent research program aligned with the University of Calgary's Strategic Research Plan, and to provide high-quality teaching at both the graduate and undergraduate levels. The successful candidate will actively recruit and supervise graduate students, building a dynamic research team including BSc, MSc, PhD, and PDF trainees. Peer-reviewed external funding is expected to be obtained and sustained, and industrial partnerships are strongly encouraged. The Chair will develop collaborations with colleagues both locally and abroad. Particular consideration will be given to candidates who can foster successful inter-disciplinary and/or multi-disciplinary collaborations.

Recently ranked #1 among young universities in Canada, the University of Calgary has significant ongoing research activities in fundamental and applied analytics. Information visualization, human-computer interaction, and software engineering of analytics applications are key current strengths, leading to close interactions with experts from a wide variety of application domains. Cross-disciplinary teams are tackling analytics challenges in energy, health informatics, life sciences, sustainability, and a broad spectrum of other areas. Analytics and visualization have been identified as core platform technologies by the University of Calgary, leading to substantial new investments in these and related research areas.

The Department of Computer Science is one of Canada's leaders, with demonstrated excellence in teaching and research. It has large undergraduate and graduate programs, state-of-the-art computing facilities, and successful multi-disciplinary linkages. Calgary is a multi-cultural city that is the fastest growing city in Canada. Calgary enjoys a moderate climate located beside the natural beauty of the Rocky Mountains. Further information is available at http://www.cpsc.ucalgary.ca .

Interested applicants should send a CV, a concise description of their research, a statement of teaching philosophy, and a list of at least 3 references via email to search@cpsc.ucalgary.ca, or physical mail to:

Dr. Carey Williamson, Head
Department of Computer Science
University of Calgary
2500 University Drive NW
Calgary, Alberta, Canada

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Review of applications will commence **December 15, 2013**, and continue until the position is filled. In conjunction with the University of Calgary, the successful candidate will develop a CRC application for the 2014 competition deadline (April or October), with the goal of joining the University of Calgary in 2015 (January or July).

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Calgary respects, appreciates, and encourages diversity.

To see all University of Calgary academic positions, please visit www.ucalgary.ca/hr/career.