***The* UNIVERSITY *of* WESTERN ONTARIO**

Departments of Computer Science and Statistical & Actuarial Sciences

Tier I CANADA RESEARCH CHAIR
in
Data Analytics

The Departments of Computer Science and Statistical & Actuarial Sciences are pleased to announce a search for a Tier I Canada Research Chair at the Full Professor or Associate Professor level (tenured) in Data Analytics. The starting date will be July 1, 2014.

In accordance with the regulations set for Tier 1 Canada Research Chairs (www.chairs-chaires.gc.ca), the successful candidate will be an outstanding and innovative researcher whose accomplishments have made a major impact in their field; be recognized internationally as a leader in their field; and have a superior record of attracting and supervising graduate students and postdoctoral fellows. The successful candidate will provide leadership in research, promote interdisciplinary scholarship, increase knowledge mobilization and societal benefits, and develop timely graduate and undergraduate programs in Data Analytics.

The candidate must propose an innovative research program of the highest quality that will attract excellent trainees, students, and future researchers. There is particular interest in contributing to Western's expertise in: statistical machine learning, spatial-temporal data mining, stream data mining, and visualization and analysis of high-dimensional data.

Data analytics is a critical component of Western's research activity and development, and its position in addressing global challenges with big data. Our researchers are supported by world-class facilities and infrastructure including the computational capacity in Sharcnet and SOSCIP as well as large scale ecosystem and urban facilities including the Biotron (www.thebiotron.ca) and WINDEEE Dome (www.eng.uwo.ca/windeee/) that generate massive amounts of data from environmental simulations. Importantly, the information sciences are a cornerstone to broad areas of strength at Western including (i) Environment and Sustainability: with large data challenges in climate and ecosystems, seismic and wind hazards, smart and safe cities, and energy and water utilization; (ii) Financial Markets and Risk: with high-frequency data from multiple sources requiring new analytic techniques; and (iii) Health and Neuroscience: MRI and EEG generate many gigabytes of data, much of which is not effectively utilized to make timely diagnosis, while in public health data analytics underlies solutions for efficiencies in delivery and outcomes.

Western ranks as one of Canada's top research-intensive universities and also provides an exceptional employment experience. To learn more about Western and its resources for new faculty, please visit: http://www.uwo.ca/about/work.html and http://uwo.ca/facultyrelations/recruitment_retention/index.html

Candidates should submit a curriculum vitae, a list of publications, and a research plan, and must arrange for at least three letters of reference to be sent to:

Professor Bryan Neff, Associate Dean (Research)
Office of the Dean, Faculty of Science
The University of Western Ontario
London, Ontario N6A 5B7, Canada.

Applications will be considered starting **December 1, 2013.**

This position is subject to budgetary approval. Applicants should have fluent writing and verbal communication skills in English. All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.