Tier I Canada Research Chair in Bioinformatics
Faculty of Health Sciences and Department of Pathology and Molecular Medicine
Queen's University, Kingston, Ontario, Canada

The Faculty of Health Sciences (https://healthsci.queensu.ca/) and the Department of Pathology and Molecular Medicine at Queen's University are seeking an international leader and innovator in the areas of bioinformatics and health analytics. Applicants should have an established research program focused on precision medicine, particularly in relation to the identification of cancer diagnostic and prognostic markers and potential therapeutic targets. The successful candidate will become the designated nominee for an approved Tier I Canada Research Chair (http://www.chairs-chaires.gc.ca/program-programme/index-eng.aspx). This is a tenured appointment at the level of Professor.

Position Overview
Candidates must hold a PhD or MD/PhD (or equivalent). The main criteria for selection are an established record of global leadership and innovation in bioinformatics, and a track record of mentorship and training of high-quality personnel in various emerging areas in the field. Queen's University is committed to establishing an international reputation in health related informatics, building on existing assets that include: the Centre for Advanced Computing (CAC, https://cac.queensu.ca/), a cluster of computer systems and storage resources shared by five universities and three colleges; the biobank resources and ongoing capabilities of the Canadian Cancer Trials Group (CCTG, https://www.ctg.queensu.ca/), which is a major national and international cooperative oncology clinical trials organization, and the national database of chronic disease management developed by the Canadian Primary Care Sentinel Surveillance Network (http://cpcssn.ca/), a trans-Canadian network of 11 primary care networks. In addition, robust linkages exist between CAC and the CCTG with the informatics programs of the Ontario Brain Institute (http://braininstitute.ca/) and the Ontario Institute for Cancer Research (https://oicr.on.ca/), respectively.

The successful candidate will be expected to play a leadership role in: i) developing and applying modern data analytics concepts, methods and techniques to utilize an ever-growing wealth of biomedical data generated by existing and emerging world-class research programs at Queen's University (http://www.queensu.ca/research/centres), ii) fostering collaborative links between existing researchers involved in health related analytics and informatics across the University, and iii) the recruitment and mentorship of new faculty in the informatics/analytics areas. Salary is commensurate with qualifications and experience.

Application Process
The University invites applications from all qualified individuals. Queen's is committed to diversity and inclusion and has an employment equity program that meets the goals of the CRC program and the requirements of our collective agreement with the Faculty Association. Until such time as we have met our equity targets (http://queensu.ca/vpr/prizes-awards-chairs/canada-research-chairs-program-crcp), preference will be given to members of the Four Designated Groups under the Canada Research Chairs program: "women, Indigenous/Aboriginal peoples, persons with disabilities and racialized persons/visible minorities." All applicants will be invited to self-identify once they have applied; those who wish to be considered under our employment equity provisions are required to self-identify. Self-identification information will be held in confidence by the Equity Office and one member of the selection committee. All qualified candidates are encouraged to apply; however, in accordance with Canadian Immigration requirements, Canadian citizens and Permanent Residents of Canada will be given priority.

To comply with Federal laws, the University is obliged to gather statistical information about how many applicants for each job vacancy are Canadian citizens / permanent residents of Canada. Applicants need not identify their country of origin or citizenship, however, all applications must include one of the following statements: "I am a

Canadian citizen / permanent resident of Canada"; OR, "I am not a Canadian citizen/permanent resident of Canada". Applications that do not include this information will be deemed incomplete.

A complete application consists of: (i) a cover letter (including one of the two statements regarding Canadian citizenship / permanent resident status specified in the previous paragraph), (ii) a full curriculum vitae (including a list of publications, awards and grants received), and (iii) a summary of the proposed plan of research. Please send your application electronically to Dr. Roger Deeley, Chair of the search committee (c/o Ms. Barbara Latimer bal@queensu.ca).

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact: Ms. Barbara Latimer (bal@queensu.ca).

Academic staff at Queen's University are governed by a Collective Agreement between the University and the Queen's University Faculty Association (QUFA), which is posted at http://queensu.ca/facultyrelations/faculty-librarians-and-archivists/collective-agreement and at http://www.qufa.ca.

Appointments are subject to review and final approval by the Principal. Only nominees external to Queen's University will be considered. (Please note that, for the purposes of this competition, Queen's Term Adjuncts and Adjunct-1s will be considered as external nominees.) Review of applications will commence on 22 March 2018 and remain open until a suitable candidate is recruited.