



Assistant/Associate Professor
Canada Research Chair (Tier II) in Bioinformatics for Personalized Medicine
Faculties of Medicine and Science, Memorial University of Newfoundland

VPA # MEDI-2015-003

The Discipline of Genetics (Faculty of Medicine) and the Department of Computer Science (Faculty of Science) at Memorial University invite applications for a tenure track position at the rank of Assistant or Associate Professor in Bioinformatics as it relates to human health. The chosen applicant will be jointly appointed to the Discipline of Genetics (75%) and to the Department of Computer Science (25%). He or she will be required to successfully apply for a Tier II Canada Research Chair in *Bioinformatics for Personalized Medicine*. Rank and salary at Memorial will be commensurate with qualifications and experience.

The successful candidate is expected to lead his/her own original, externally funded research program in the computational aspects of bioinformatics as it relates to genomics, other “omics” datasets and human health. The candidate should have a strong track record of productivity and innovation and a demonstrated ability to obtain external funding. This individual is also expected to lead a bioinformatics team that collaborates extensively with existing interdisciplinary teams within the Discipline of Genetics, the Department of Computer Science and the broader university community. He/she will play a pivotal role in bringing together research teams and knowledge users, and should have the ability to attract outstanding graduate students and to mentor future researchers in the field. The successful candidate will contribute to the Faculty of Medicine’s graduate program in Human Genetics (including teaching and student supervision) as well as to programs offered in Computer Science.

Applicants must possess a PhD in Bioinformatics, Computational Biology, Computer Science or a related field, awarded no earlier than 2006 to comply with requirements for a Tier II CRC. The successful applicant will have excellent programming/scripting skills (e.g. C/C++, JAVA, R, PERL, and/or PYTHON), post-doctoral training in Bioinformatics or Computational Biology/Medicine, and experience with using bioinformatic tools and software packages for the analysis of large-scale datasets.

The application package should include a cover letter highlighting qualifications and interests related to this position, curriculum vitae, names and contact details of three references and one sample of scholarly writing on a relevant topic. In addition a statement of research goals should be included.

Applications should be electronically submitted to: Dr. Cathy Vardy, Vice Dean, Administrative Head, c/o Joan Fillier, Secretary to the Vice Dean, Room M2M318C, Faculty of Medicine, Health Sciences Centre, 300 Prince Philip Drive, St. John’s, NL, Canada, A1B 3V6. Electronic submissions are preferable and can be submitted to joan.fillier@med.mun.ca. Please state reference number VPA-MEDI-2015-003 in your application package.

Closing date for applications is May 1, 2016 or until the position is filled. The appointment is expected to commence September 1, 2016.

The Discipline of Genetics has nine core faculty in addition to joint/cross appointees in the areas of Medicine, Clinical Epidemiology, Mathematics and Computer Science. In 2015, the academic

unit moved into Faculty of Medicine's newly constructed Craig L. Dobbin Research Centre, a unique multidisciplinary setting designed to facilitate rapid progress in genomic and clinical epidemiological research across the province. The Centre was funded by the Canadian Foundation for Innovation (CFI) and the NL provincial government, with a \$50 million investment from IBM as a private sector partner. The Centre houses the largest amount of computational power and storage of any computer facility in the province, and the Chair has a unique opportunity to lead the Centre's informatic team in a way that maximizes the research output of the existing high performance computing platforms.

The Department of Computer Science currently has 22 tenure/tenure-track and 1 regular-term faculty member and supports B.Sc., BA, M.Sc., and PhD programs in Computer Science and collaborative graduate programs with other faculties. For further details, visit www.mun.ca/computerscience

Memorial University is the largest university in Atlantic Canada. As the province's only university, Memorial plays an integral role in the education and cultural life of Newfoundland and Labrador. Offering diverse undergraduate and graduate programs to almost 18,000 students, Memorial provides a distinctive and stimulating environment for learning. St. John's is a safe, friendly city with great historic charm, a vibrant cultural life, and easy access to a wide range of outdoor activities.

Memorial University is committed to employment equity and encourages applications from qualified women and men, visible minorities, aboriginal people, and persons with disabilities. ***All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.***

www.med.mun.ca

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