



***TERM ADJUNCT APPOINTMENT  
DEPARTMENT OF PATHOLOGY AND MOLECULAR MEDICINE  
QUEEN'S UNIVERSITY***

Posted: 2 October 2017

The Department of Pathology and Molecular Medicine in the Queen's University Faculty of Health Sciences is recruiting a Term Adjunct appointment.

Pathology and Molecular Medicine

PATH-828 – Bioinformatics for Cancer Research (100% responsibility)

Lectures, student presentation and student-led teaching sessions

PATH 828 is a 0.5 (3U) course and is given in the winter term, January to April. Expected enrolment is 20 students. It is a graduate course that introduces tools and methods to manage and analyze the results obtained in cancer research, focusing on genetic data analysis. Topics include study design, basic statistics for clinical and genetic research, data-mining approaches and alternative methods to statistics for genetic data analysis. The course will cover the appropriate pre-processing and data analysis techniques for various genetic data types such as next generation DNA sequencing, DNA microarrays, tissue microarrays, DNA methylation, NanoString, RNAseq, miRNAseq, proteomics and qRT-PCR. The successful candidate will have responsibility for coordinating this course, which includes presentation of material, inviting guest lectures and supervising a teaching assistant associated with the course.

Candidates must have a PhD and knowledge and experience in data-mining and statistical analyses of various genetic datasets. Strong programming skills and previous teaching experience in a University setting would be an asset. Preference will be given to applicants who can provide evidence of current involvement in and commitment to education through the submission of an educational dossier and the identification of referees who can attest to the applicant's educational expertise.

The University invites applications from all qualified individuals. Queen's University is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, Aboriginal peoples, persons with disabilities and LGBTQ persons. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

This Term Adjunct appointment is subject to funding and/or enrolment criteria. The appointment begins 1 January 2018 and will end 30 April 2018.

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.

Academic staff at Queen's University are governed by a Collective Agreement between the Queen's University Faculty Association (QUFA) and the University, which is posted at <http://qufa.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 Barb Latimer at [bal@queensu.ca](mailto:bal@queensu.ca).

Deadline for receipt of applications is **Friday, October 13, 2017 at 4:00 pm**. Applicants should submit a letter of interest, a current curriculum vitae, any other materials you would like to submit (such as a teaching dossier) and the names and contact information of two referees to:

***Dr. Alexander Boag, Head, Department of Pathology and Molecular Medicine, Queen's University, Kingston, Ontario K7L 3N6 (Tel): (613) 533-2850; (Fax): (613) 533-2907; E-mail: [boaga@kgh.kari.net](mailto:boaga@kgh.kari.net) (electronic submission preferred). URL: [www.path.queensu.ca](http://www.path.queensu.ca)***