

Post-Doctoral Scientist

POSITION: The Department of Pathology and Laboratory Medicine at the University of British Columbia, in partnership with the BCCDC Public Health Microbiology and Reference Laboratory, is seeking a post-doctoral scientist with experience in microbial genomics or bioinformatics. The successful applicant will perform metagenomics on environmental water samples in order to identify novel indicators for water quality and microbial source tracking. These genetic targets will be validated and developed into commercializable molecular assays in the latter half of the project. The successful applicant will generate and analyze metagenomic data from environmental water samples in order to identify novel indicators for water quality and microbial source tracking. Duties may include field sampling, wet-bench work, and computational and statistical analysis of next-generation sequencing data.

QUALIFICATIONS: Applicants must have a PhD in molecular biology, microbiology, or a related scientific discipline and must have experience with microbial genomics or bioinformatics. Preference will be given to applicants with 1) experience in aquatic microbial ecology; 2) strong computational skills, including proficiency with one or more scientific programming languages (such as PERL or PYTHON), geographical information systems (GIS) and bioinformatics; and 3) a strong publication record.

DURATION: According to UBC guidelines, this appointment is renewed annually based on satisfactory performance. This full-time position is funded for two years with an opportunity for extension to the third year dependent on availability of funding.

APPLICATION: To apply, candidates should send an e-mail to catherine.mok@bccdc.ca with a cover letter, curriculum vitae, and the names and contact information of three references.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. UBC is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, persons of any sexual orientation or gender identity, and others who may contribute to the further diversification of ideas. Canadians and permanent residents of Canada will be given priority.