

PhD Training Opportunity in Pharmacogenomics and Pharmacokinetics Modelling with a Focus on Adverse Drug Reactions

PhD Trainee

Departments of Pediatrics and Medical Genetics

Faculty of Medicine

University of British Columbia

Vancouver, Canada

Seeking candidates interested in conducting their PhD training under the supervision of Dr. Bruce Carleton at the University of British Columbia, based at the BC Children's Hospital Research Institute (BCCHRI) and in collaboration with the multi-centre research team of the Canadian Pharmacogenomics Network for Drug Safety (CPNDS).

The successful candidate would be expected to have MSc training in the fields of pharmacology and pharmacokinetics, with an understanding of pharmacogenomics. Projects may involve pharmacokinetic variability of direct oral anticoagulants in an ethnically diverse population of Canada and/or the safety and effectiveness of morphine in pediatrics.

The successful candidate must exhibit excellent communication skills; a demonstrated potential for excellence in research productivity; an MSc or equivalent degree. The successful candidate will seek to share their research findings through publications, presentations, and other knowledge transfer activities. They will collaborate with various parties including internal and external researchers, stakeholders and national and international bodies. In addition, the successful candidate should demonstrate some experience in writing or assisting with the writing of grant applications.

As one of the leading research centers in Canada, trainees will be exposed to both the innovative research at the BC Children's Hospital Research Institute (BCCHRI) and the strong academic environment of the University of British Columbia. In these stimulating and complementary surroundings, trainees will have many opportunities for advancement and interdisciplinary professional development.

If being part of a multi-disciplinary team that pursues excellence in research, bridges clinical practice and leads educational endeavours through innovative strategies sounds appealing to you, this is the place you want to be.

Position is contingent upon acceptance into the Medical Genetics or other appropriate UBC Departmental Graduate Program. Successful candidate will be awarded a student stipend, corresponding student benefits and diverse opportunities for additional support.

Applications, accompanied by a cover letter stating research interests, a detailed curriculum vitae and the names of three potential references, should be directed to admin@popi.ubc.ca with "**PhD candidate – PK & PGx**" listed in the subject line.