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Biochemical Genetics Fellowship

Dept. of Pathology and Laboratory Medicine, BC Children's and Women's Hospitals

Fellowship Training Opportunity Vancouver, BC

The Biochemical Genetics laboratory (BGL), within the Department of Pathology and Laboratory Medicine, is seeking a Ph.D. or Post Doctoral fellow for a 3 year training program in Biochemical Genetics (see www.ccmg-cgdm.org/training.html for details). This program is designed to develop the core skills required to lead a clinical biochemical genetics diagnostic laboratory.

The BGL is the Provincial reference laboratory for the investigation, diagnosis and monitoring of children and adults with Inborn errors of Metabolism. This is a comprehensive BGL that offers a wide range of screening and diagnostic tests on a variety of platforms (LC-MS/MS, GCMS, UPLC, ion exchange chromatography, enzymology, isoelectric focusing etc).

Through our affiliation with UBC, we are an accredited centre for training in Biochemical Genetics through the Canadian College of Medical Geneticists (CCMG).

As a Biochemical Genetics fellow, you will learn how to interpret specialized test results for the investigation of inborn errors of metabolism, work with health care providers to organize appropriate investigations, acquire skill in test development, test implementation and trouble shooting of existing methods. The fellowship training will also provide an opportunity to learn about laboratory management and quality assurance.

Assuming satisfactory completion of the training program, the candidate will be eligible to sit the CCMG examination in Biochemical Genetics.

Familiarity with tandem mass spectrometry is required as is an organized approach to data collection, interpretation and presentation. This is a hands on fellowship position that should prove to be both challenging and rewarding, as the work directly affects patient care.

Qualifications:

- PhD in chemistry, biochemistry, genetics or relevant biological science
- Postdoctoral experience strongly preferred in one or more of the following areas: metabolic disease, genetics, biochemistry, molecular biology, analytical, organic or clinical chemistry.

To apply, please send a letter expressing your interest, your curriculum vitae in confidence by February 15, 2012.

Dr. Hilary Vallance
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Children's & Women's Health Centre of BC
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BC Women's Hospital & Health Centre (BCW) is the only facility in British Columbia devoted primarily to the health of women, newborns and families. It provides a broad range of specialized women's health services that address the health needs of women of all ages and backgrounds. BC Women's is one of the largest maternity facilities in Canada, with over 7,500 births in 2005/6, and is both the major primary and secondary maternity services provider in the Lower Mainland and the cornerstone of the provincial tertiary care system. As an academic health centre BCW's mandate includes providing strong leadership in research and the education and professional development of health care professionals in areas related to the health of the populations we serve.

BC Children's Hospital (BCCH) cares for the province's most acutely ill or injured children and youth, provides developmental and rehabilitation services to children and youth throughout BC, and offers a broad range of health services. **Sunny Hill Health Centre for Children (SHHC)**, a leading provincial facility offering specialized services to children and youth with developmental disabilities from birth to age 19, works collaboratively with BCCH. SHHC focuses on the child and their family while supporting health care professionals in their community. BCCH also operates a wide number of specialized health programs, is a leading acute care teaching facility, and conducts research to advance health and care through the Child and Family Research Institute and in partnership with the University of British Columbia.

BCW and BCCH are agencies of the **Provincial Health Services Authority (PHSA)** which plans, manages and evaluates specialty and province-wide health care services across BC. PHSA embodies values that reflect a commitment to excellence. These include: *Patients first • Best value • Results matter • Excellence through knowledge • Open to possibilities.*

Discover more about BC Children's and Women's Hospitals and all we have to offer by visiting us at www.bcchildrens.ca and www.bcwomens.ca

For more information on all that the PHSA has to offer, please visit: <http://careers.phsa.ca>

The PHSA is committed to employment equity and hires on the basis of merit. We encourage applications from all qualified individuals, including Aboriginal peoples, persons with disabilities and members of visible minorities.



www.bcwomens.ca

www.bcchildrens.ca

www.phsa.ca