



Pediatric Endocrinology and Metabolism Fellowship Program

**BC Children's Hospital
University of British Columbia
Vancouver, British Columbia, Canada**

Division Head: *Dr. Jean-Pierre Chanoine*
Fellowship Program Director: *Dr. Laura Stewart*
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BC Children's Hospital is offering a 2-year accredited subspecialty resident training program in Pediatric Endocrinology and Metabolism. We strongly encourage candidates to extend their training with a third year dedicated to clinical or basic research. We aim to attract and develop highly motivated, intelligent, and exceptional fellows who will become leaders in the field of Pediatric Endocrinology and Metabolism.

BC Children's Hospital is located in beautiful Vancouver, Canada, one of the most vibrant and active cities in the world. Known for its stunning scenery and landscape, Vancouver provides the perfect backdrop for fellowship training in Pediatric Endocrinology and Metabolism. The

Hospital is the sole tertiary care centre for Pediatric Endocrinology in the Province of British Columbia and serves a pediatric population of approximately 1 million children aged birth to 18 years. Our clinical unit's staff includes six attending endocrinologists, clinical trainees of various levels of training from medical students to fellows, five diabetes nurses, three endocrinology nurses, two dietitians, a social worker and support clerical and administrative staff.

Our fellowship program accepts applications from residents in Canadian pediatric training programs, as well as international applicants who have completed equivalent pediatric residency training. This fully accredited program offers a curriculum which meets and often exceeds Royal College of Physician and Surgeons of Canada standards. Competitive funding is available for both Canadian and foreign graduates.

Clinical rotations are done in Internal Medicine Endocrinology and Laboratory Medicine. Fellows are also given the opportunity to pursue elective experiences, either in Vancouver or at other centers.

Our Diabetes ambulatory care program follows over 800 children with diabetes. There are approximately 80 new patients diagnosed with



diabetes every year. The majority of children with newly diagnosed diabetes are treated and educated on an outpatient basis in the hospital's Diabetes Day Care. There is an established clinic for children with type 2 diabetes and a metabolic syndrome clinic for children with insulin resistance and/or type 2 diabetes associated with mental health conditions and their treatment. The Centre for Healthy Weight's Shapedown BC opened in September 2006 and offers a comprehensive program for the treatment of weight excess and its complications.

The endocrine clinic population reflects the full spectrum of pediatric and adolescent endocrinology and has over 2400 visits yearly. There are excellent facilities for dynamic investigation of complex endocrine disorders on an ambulatory basis and a busy inpatient consultation service to other pediatric disciplines. We have an active program for pamidronate infusions for children with osteogenesis imperfecta and other causes of severe osteoporosis. Our Division actively participates in the monthly meetings of the BC Children's & Women's Gender Assessment Committee; a multidisciplinary group comprised of specialists from Medical Genetics, Cytogenetics, Sexual Medicine, Endocrinology, Gynecology and Urology. These meetings include formal presentations on topics relevant to gender disorders.

We offer a very active research program. Fellows have the opportunity to participate in clinical and basic-science research, based on their interest. Our clinical research focus includes type 1 and type 2 diabetes, as well as childhood obesity. Specific areas of ongoing research include: type 2 diabetes in children with mental health disorders; childhood obesity prevention via community-based participatory research initiatives; epidemiology of type 1 and type 2 diabetes in BC and in Canada; quality-improvement research (with a focus on improving pediatric diabetes health services); and global health in pediatric endocrinology and diabetes (non-communicable diseases, access to medicines, capacity building). There is also the opportunity to engage in focused clinical projects regarding specific endocrinology topics of interest. Laboratory research focuses on investigations into islet cell physiology, beta cell development and regeneration (Verchere, Lynn, Hoffman, Luciani), autoimmunity in type 1 diabetes and islet transplantation (Verchere, Levings), and developmental programming and genetics of obesity and type 2 diabetes (Devlin, Gibson). Opportunities also exist for projects that involve both wet laboratory and clinical research, for example diabetes biomarker discovery and validation. Finally, we are also participating in TrialNet (a study looking and the natural history of the development of type 1 diabetes).



If you would like further information about our program, or would like to apply for fellowship training in Pediatric Endocrinology and Metabolism, please contact Dr L. Stewart (lstewart@cw.bc.ca) or Dr J.P. Chanoine (jchanoine@cw.bc.ca). We are currently accepting applications for a July 1, 2019 start date.



Learn more about our program and the city of Vancouver... you won't be disappointed!

Websites:

- British Columbia's Children's Hospital: www.bcchildrens.ca
- BCCH Endocrinology & Diabetes Unit: endodiab.bcchildrens.ca
- BC Children's Hospital Research Institute: bcchr.ca

Living in Vancouver and BC:

- www.tourismvancouver.com
- www.vancouverscenes.com
- www.whistlerblackcomb.com
- www.vancouvertourist.com
- www.vancouverlookout.com
- www.tourismwhistler.com

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Fellowship Program



An Introduction to Our Program, Our Hospital and Our City