

Call for Applications for the Year 2025-2026

Introduction:

On behalf of the Division of Neonatology at the University of British Columbia, we are excited to announce the opening of applications for the Neonatal Hemodynamics and Targeted Neonatal Echocardiography (NHTNE) Subspecialty Fellowship training program at BC Women's Hospital & Health Centre (BCWH). This prestigious program, commencing in January 2025, is designed for clinicians dedicated to advancing their expertise in neonatal cardiovascular medicine. BCWH, as one of Canada's largest maternity facilities, manages approximately 7,200 births annually and serves as the cornerstone of the provincial tertiary care system in British Columbia. In collaboration with the Division of Pediatric Cardiology, this program has been designed in accordance with the training requirements set forth by the Royal College of Physicians and Surgeons of Canada (RCPSC) Area of Focused Competence (AFC) in Neonatal Hemodynamics and Targeted Neonatal Echocardiography.

Program Specifications:

The NHTNE fellowship is a comprehensive one-year program, fully funded at the clinical fellow level. Fellows will engage in clinical responsibilities at the BCWH Neonatal Intensive Care Unit (NICU) throughout the fellowship, while also benefiting from 3 months of protected elective time. The fellowship includes:

- **3 months** of dedicated training in the Pediatric Echocardiography Lab with the Pediatric Cardiology team
- **9 months** of hands-on experience at the BCWH NICU under the guidance of a designated NHTNE director.

***Please note** that the above timelines may be modified based on demonstration of relevant competencies as outlined in the Competency Training Requirement (CTR) guidelines for the RCPSC Area of Focused Competence (AFC) in Neonatal Hemodynamics and Targeted Neonatal Echocardiography.

Fellows can expect to achieve the following objectives in accordance with the Royal College NHTNE AFC CTR:

- a) Acquire both basic and advanced skills in performing Targeted Neonatal Echocardiography
- b) Gain in-depth training in cardiopulmonary physiology and epidemiology
- c) Integrate clinical information to manage common acute and chronic cardiopulmonary conditions in a tertiary neonatal setting
- d) Develop experience running a hemodynamic consultation clinical service
- e) Complete at least one primary research project focused on neonatal cardiovascular medicine

Eligibility Criteria:

Candidates must meet the following requirements upon the start of the NHTNE fellowship:

1. Completion of a clinical fellowship in neonatal-perinatal medicine from an accredited Canadian program or equivalent.

2. Eligibility for licensure with the College of Physicians and Surgeons of British Columbia (CPSBC).

Preference will be given to candidates with foundational training in the performance of neonatal cardiac ultrasound.

Application Guidelines:

Interested applicants must submit the following documents:

- a) A letter of intent (maximum 2 pages) outlining their suitability for training and career aspirations
- b) An abbreviated curriculum vitae (maximum 5 pages) detailing relevant clinical and research experience
- c) A letter of support (maximum 1 page) from a current or previous program director or primary supervisor, addressing the candidate's clinical and academic performance as well as their fit for the NHTNE training.

All documents should be formatted using a 12-point font and 1-inch minimum margins.

Deadline:

Please submit your application package as a single PDF file to Ms. Lisa-Marie Candeias at lcandeias@phsa.ca by **September 30th, 2024, at 0900 PST**. Applications not adhering to the specified format may not be considered.

We look forward to welcoming exceptional candidates to the NHTNE fellowship program and to advancing the field of neonatal hemodynamics at BC Women's Hospital & Health Centre!

Dr Michael Castaldo MD, FRCPC

Dr Souvik Mitra MD, PhD, FRCPC

Program Co-Directors

Neonatal Hemodynamics and Targeted Neonatal Echocardiography (NHTNE) Subspecialty Fellowship Program

BC Women's Hospital + Health Centre & the University of British Columbia

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