



### **Invitation for Applications for the Year 2025- 2026**

**Overview:** The University of Alberta's Department of Pediatrics and Postgraduate Medical Education is accepting applications for the Neonatal Hemodynamics and Targeted Neonatal Echocardiography (NHTNE) Fellowship, starting July 1, 2025. Affiliated with the Stollery Children's Hospital, a recognized center of excellence in Neonatology and Pediatric Cardiology, this program leads to an Area of Focused Competence (AFC) Diploma. Trainees will receive comprehensive training in neonatal hemodynamics, cardiology and echocardiography from experienced specialists.

**Accreditation Status:** We are excited to announce that the University of Alberta's NHTNE Fellowship Program has been accredited by the Royal College of Physicians and Surgeons of Canada (RCPSC) as an AFC program, starting in May 2024. This makes it only the second accredited NHTNE program in Canada.

**Fellowship:** The fellowship position lasts a minimum of one year and offers an annual remuneration of \$81,584, plus 16.32% in benefits. During this journey, fellows will participate in at least three months of hands-on experience in the pediatric echocardiography laboratory under the guidance of pediatric cardiologists. The training includes essential core rotations in a Level 3 tertiary care NICU (High-Risk Perinatology) and a Level 4 NICU (Neonatal Cardiac and Surgical). There will also be opportunities for External Electives at NHTNE centres, practical workshops in Echocardiography, participation in NHTNE Research, and the opportunity to present at international conferences, while protecting a minimum of four weeks of annual vacation.

**Curriculum:** The course curriculum will meet the standards set by the RCPSC for the AFC Diploma in NHTNE. After successful completion, graduates will be competent NHTNE specialists, capable of advanced practice. Trainees will learn the theoretical foundations and relevant research of Neonatal-Perinatal Medicine and Hemodynamics.

**Competence:** NHTNE competence includes 1) Performance of Neonatal echocardiography 2) Treatment recommendations integrating NHTNE findings with clinical assessment 3) Consultation to the tertiary care NICU 4) Management of the NHTNE service 5) Advancement of the NHTNE discipline through Academic scholarship an Advanced education.

**Eligibility criteria:** Royal College certification in Neonatal-Perinatal Medicine OR Eligibility for the Royal College examination in Neonatal-Perinatal Medicine OR Registration in a Royal College-accredited residency program in Neonatal-Perinatal Medicine, or equivalent.

**Application process:** Please submit the following documents 1. Completed NHTNE Application form\* 2. Letter of intent [1000 words] 2. Academic Resume 3. Names of Three confidential referees [one of them must be a current program director].

**Last date:** NHTNE program details may be obtained by sending an inquiry to program administrator Ms. Allison Spry at [nhtne@ualberta.ca](mailto:nhtne@ualberta.ca) or for more clarifications please contact NHTNE Program Director, Dr Abbas Hyderi [[hyderi@ualberta.ca](mailto:hyderi@ualberta.ca)]. All Completed Application packages must be received by email [[nhtne@ualberta.ca](mailto:nhtne@ualberta.ca)] on or before December 2<sup>nd</sup>, 2024, at 1600 [MST]

**Note:** \*Please email [nhtne@ualberta.ca](mailto:nhtne@ualberta.ca) to ask for a NHTNE -AFC application form [2025-2026 AY]