



Neonatal Hemodynamics and Targeted Neonatal Echocardiography NHTNE AFC Fellowship

Invitation for Applications for the Year 2026-2027

Overview: The Department of Pediatrics and Postgraduate Medical Education at the University of Alberta is pleased to announce that applications are now being accepted for the Neonatal Hemodynamics and Targeted Neonatal Echocardiography (NHTNE) Fellowship, commencing on July 1, 2026. This program is affiliated with the Stollery Children's Hospital, a recognized center of excellence in Neonatology and Pediatric Cardiology. Participants in the fellowship will work towards obtaining an Area of Focused Competence (AFC) Diploma in neonatal hemodynamics, engaging in comprehensive training under the guidance of experienced specialists.

Accreditation: We are excited to inform prospective candidates that the NHTNE Fellowship Program at the University of Alberta has received accreditation from the Royal College of Physicians and Surgeons of Canada (RCPSC) as an AFC program, effective May 2024.

Fellowship: The 12-month fellowship includes a minimum of three months of practical experience in the pediatric echocardiography laboratory, under the mentorship of the pediatric cardiology team. Training encompasses essential core rotations in a Level 3 tertiary care NICU (High-Risk Perinatology) as well as a Level 4 NICU (Neonatal Cardiac and Surgical Intensive Care). Fellows will have numerous opportunities for research involvement, participation in external electives at other institutions, attendance at practical workshops in pediatric echocardiography, and the opportunity to present findings at international conferences, all while maintaining annual vacation time.

Curriculum: The fellowship curriculum is designed to align with the objectives and standards established by the RCPSC for the AFC Diploma in NHTNE. Trainees will acquire a solid foundation in principles and relevant research pertaining to Neonatal-Perinatal Medicine and Hemodynamics. Upon successful completion, fellows will be recognized as Diplomate in AFC for NHTNE.

Competence in NHTNE will be evaluated across several domains, including the execution of neonatal echocardiography, formulation of treatment recommendations that incorporate NHTNE findings into clinical practice, development of comprehensive consultation reports, and effective management of NHTNE services. Additionally, competence will be measured through contributions to the advancement of the NHTNE via academic scholarship and education.

Eligibility Criteria: Applicants must hold Royal College certification in Neonatal-Perinatal Medicine or be eligible for such certification as per RCPSC. [www.royalcollege.ca]

Application Process: Interested candidates are invited to submit the following documents:

1. Completed NHTNE Application Form; 2. Letter of Intent (maximum 1000 words); 3. Academic Resume; 4. Names of three confidential referees (one of whom must be a current director).

Deadline: For further information about the NHTNE program, please reach out to Ms. Allison Spry, Program Administrator, at nhtne@ualberta.ca. For additional clarifications, please contact Dr. Abbas Hyderi, NHTNE Program Director, at hyderi@ualberta.ca. All completed application packages must be submitted via email by August 1st, 2025.