

MSc Student Position in Implementation Science and Neonatal Care

UBC is committed to creating a diverse and inclusive workplace to foster excellence in research, innovation, and learning, and to ensure fairness, as detailed in the official [UBC EDI language guidelines](#).

Dr. Stephanie Glegg and Dr. Sandesh Shivananda are recruiting a highly motivated student for a funded MSc position beginning in January 2027 in The University of British Columbia's Rehabilitation Sciences Graduate Program.

The position will be co-supervised by Dr. Stephanie Glegg, OT, PhD, Assistant Professor and implementation scientist, and Dr. Sandesh Shivananda, Associate Professor and neonatologist at BC Women's Hospital.

Start date: January 2027

Duration: Two years

Funding: This position offers a funded package combining grant funds and research assistant work, potential teaching assistantships; and the student will also be expected to apply for relevant scholarships.

Location: UBC and BC Women's Hospital, Vancouver, British Columbia

Working arrangement: This is a hybrid position. The student will be required to attend classes in person at UBC and participate in research activities at BC Women's Hospital. Some research activities may be completed remotely, depending on project needs. Additional research-related work in the lab will augment the student's exposure to diverse methodologies.

Application deadline: September 15, 2026

Project Overview

The student will join an ongoing implementation science project focused on improving the use of evidence-informed best practices for the prevention and management of bronchopulmonary dysplasia (BPD) in the neonatal intensive care unit (NICU) at BC Women's Hospital.

The broader project brings together implementation scientists, neonatal clinicians, research staff, families, and other partners to support the uptake and sustained use of BPD best practices in clinical care.

The MSc student will lead a defined component of this work focused on the implementation and evaluation of a series of new clinical guidelines within the NICU. Their work will involve applying implementation science theory and principles to support the adoption of the guidelines, to examine how they are used in practice, and their impact on health outcomes.

The student's activities are expected to include:

- Using implementation science best practices, developing implementation plans for the selected BPD guidelines
- Supporting the selection, tailoring, and delivery of implementation strategies
- Collaborating with clinicians and project partners throughout implementation
- Tracking implementation activities, adaptations, and contextual factors
- Supporting the planning of additional guideline implementation activities
- Refining, administering, and analyzing a clinician follow-up survey
- Contributing to interpretation and developing presentations, reports, and manuscripts

The final thesis scope will be developed with the successful applicant and supervisory team.

Training Environment

The student will work within a collaborative and interdisciplinary research environment spanning UBC and BC Women's Hospital.

They will gain applied experience in:

- Implementation science theories, frameworks, and methods
- Implementation planning and strategy development
- Clinician and interested party engagement
- Mixed-methods evaluation
- Survey development and analysis
- Tracking adaptations and contextual influences
- Knowledge mobilization and academic dissemination

The student will have opportunities to learn from implementation scientists, neonatologists, nurses, respiratory therapists, allied health professionals, research staff, and families, while gaining practical experience in evaluating and integrating practice changes, including health technologies, within a dynamic NICU setting.

Applicant Profile

We are seeking a student who has:

- An undergraduate degree in rehabilitation sciences, health sciences, physical therapy, psychology, public health, kinesiology, or another relevant discipline.
- An interest in implementation science and applied health research
- An interest in neonatal care, evidence-informed practice, or implementing change in healthcare
- The ability to organize and coordinate multiple activities and maintain accurate documentation
- The ability to take initiative while seeking guidance when needed
- Clear written and verbal communication skills
- The ability to work independently and build respectful relationships within interdisciplinary teams
- A willingness to consider and learn from perspectives that differ from their own
- A commitment to ongoing learning related to equity, diversity, inclusion, anti-racism, and Truth and Reconciliation

Relevant preparation may have been gained through academic research, employment, volunteer roles, lived experience, community involvement, or other experiences. Applicants do not need to have previous experience in every area described in this posting.

Equity, Diversity, and Inclusion

UBC is committed to creating an inclusive environment that supports excellence in research, learning, and innovation. The project team values diverse perspectives, experiences, and ways of knowing and recognizes that these strengthen the relevance and quality of implementation research.

The successful applicant will be expected to contribute to respectful and inclusive relationships with clinicians, families, researchers, and other partners from diverse professional, cultural, and personal backgrounds.

Accommodations are available throughout the application and selection process. Applicants requiring an accommodation may contact the [Centre for Accessibility](#).

Eligibility and Application

Applicants must meet the admission requirements for the [UBC Rehabilitation Sciences Graduate Program](#).

To apply, please submit:

- A curriculum vitae
- A brief statement of interest
- Unofficial academic transcripts

Applications should be sent to:

Contact: Dr. Stephanie Glegg

Email: stephanie.glegg@ubc.ca

Subject line: BPD Masters Student Interest

Applications will be reviewed beginning August 1 and will continue until candidate selection.