

Nipissing University
Job Description

Job Title: Postdoctoral Research Fellow, Interprofessional Simulation-Based Education

Faculty: Faculty of Education and Professional Studies

Salary Level: Annual salary range of \$52,900 to \$60,000 CAD plus 4% vacation pay

Co-Supervisors: Dr. Tina Benevides and Dr. Laurie Peachey

Length of Contract: 24 months (2 years)

Proposed Start Date: January 1, 2026

Summary of Functions:

This position is funded by Nipissing University, with additional research funds available to support project activities.

The successful candidate will work collaboratively with faculty from education, nursing, social work, and related disciplines to advance the design, delivery, and evaluation of undergraduate Simulation-Enhanced Interprofessional Education (Sim-IPE). Drawing on the growing body of literature on simulation-based learning, this postdoctoral role will focus on the development of innovative, evidence-informed Sim-IPE curricula that foster interprofessional collaboration, role clarity, communication, and team-based competencies. The postdoctoral fellow will engage in applied research on simulation pedagogy, faculty development, curriculum integration, and learner outcomes, contributing to the scholarship of teaching and learning in interprofessional contexts. This work may also include developing assessment tools, supporting faculty training in simulation delivery, and evaluating the organizational and logistical considerations involved in implementing interprofessional education across programs. The candidate will be encouraged to lead and co-author peer-reviewed publications and to develop their independent research trajectory in a dynamic and interdisciplinary academic environment.

The successful candidate will work from the newly established George and Helen Vari Simulation Centre (GHVSC). The GHVSC offers an immersive and interactive learning environment designed to replicate a variety of real-life situations, procedures, and environments for interprofessional education and collaboration. Using immersive projection technology, two dedicated spaces can be transformed into professional settings such as a classroom, clinic, or hospital and can mimic any home, school, post-secondary institution, or community setting, including disaster scenarios, large group gatherings, and crime scenes. The space can be staged to represent cases, assist with training social workers and home visitors, mimic occupational-therapy and physiotherapy visits, and will soon include a life-like home apartment setting that can simulate a client's home visit and assessment.

Duties & Responsibilities

The successful candidate will be supporting all aspects of the research project over the duration of the project. Specific duties will include:

- Undertake research activities according to the research protocol.
- Conduct literature reviews, including systematic reviews and syntheses.
- Identify and recruit research participants conscious of diverse, equitable, and inclusive recruitment practices.
- Assess capacity for consent for participating research participants.
- Collect and analyze different types of data using a range of qualitative and quantitative methods.
- Undertake service engagements connected to Sim-IPE internally and externally.
- Coordinate intersecting work packages of the research.
- Present research findings at internal and external meetings and scientific conferences.
- Prepare and format data for scientific publications, including statistical analyses.
- Contribute to the preparation and submission of academic articles and research outputs for peer-reviewed journals
- Collaborate with other faculty researchers
- Other duties as they may arise.

Qualifications:

Education:

By the start date of employment, a completed PhD in education, social, or health science, or a related field.

Training, experience, knowledge & skills required:

- Have research activities related to the field of Sim-IPE.
- Demonstrated mobilization of research knowledge for practice.
- Demonstrated ability in collecting and analyzing qualitative and quantitative data.
- Experience with scoping and systematic reviews.
- Commitment to reflective and diversity conscious research practices.
- Experience of secure data tracking and storage.
- Demonstrated experience of using analytical data software (e.g. NVIVO, SPSS, Qualtrics).
- Evidence of research productivity and outputs.
- Demonstrated knowledge of research processes and principles and the mobilization of research knowledge for practice.
- Working knowledge of Microsoft Office Suite (Teams, Word, Excel, PowerPoint).
- Demonstrated commitment to ongoing learning and skill development.
- Evidence of excellent oral and written communication skills.
- An ability to plan and prioritize work to meet deadlines.
- A collaborative ethos and a willingness to work proactively to achieve shared goals.

- Ability to work independently.
- Adheres to ethical research standards, respecting individuals' rights and considering societal and environmental impacts. Successful completion of the TCPS Core-2 certificate is mandatory.

Relationships/Contacts

Supervised by: Dr. Tina Benevides and Dr. Laurie Peachey (co-supervisors)

Internal:

- Faculty researchers
- Research office

External:

- Community collaborators
- Research participants
- General public
- Government agencies

Materials Utilized:

- Simulation Hardware and Software
- Microsoft Office Suite (Teams, Word, Excel, PowerPoint) and specialized database software
- Videoconferencing software (e.g. Zoom, Teams)
- Event management and project management software (e.g. Event Brite)
- Confidential research participant records
- Confidential research data
- Computers, laptops, printers
- Telephone and voicemail
- Scanner, photocopiers, shredder

PHYSICAL/MENTAL DEMANDS & WORKING CONDITIONS

- Ability to work on multiple aspects of research projects in parallel.
- Ability to work under pressure and to timelines.
- Ability to work to deadlines.
- Ability to work on different work activities in parallel.
- High degree of visual attention and mental concentration as required as well as ability to respond to deadlines and work under pressure.
- Occasional evening and/or weekend work may be required to conduct research activities.
- Light to moderate mental demands.
- Audio/visual concentration.
- Little physical effort – some standing, minimal lifting (< 20lbs), sitting, walking.