

## Graduate Student Health Sciences or Biochemistry

### Description

Graduate student (MSc or PhD) in neural development and aging. My lab investigates the cellular and molecular mechanisms that underlie the myelination of axons in the central nervous system. We use both *in vitro* and *in vivo* models to study oligodendrocyte proliferation, differentiation and myelination. There are potential graduate student opportunities to work the following projects:

- i) Transcriptional epigenetic regulation of oligodendrocyte differentiation
- ii) Cell-cell signaling in myelination
- iii) Impact of diet on neural protection and repair

For more information on graduate programs at UNBC, please visit <https://www.unbc.ca/graduate-programs>

For more information on living in Northern BC, visit <https://moveupprincegeorge.ca/>

### Qualifications

**Education:** Completion of a BSc or MSc at time of appointment.

**Experience:** Relevant laboratory experience. A working knowledge of research methods in neuroscience, cell biology, molecular biology and/or biochemistry is required. A demonstrated skill in histology will be considered an asset.

**Skills:** The candidate should have effective interpersonal, communication and organizational skills; critical thinking and creative problem solving; an openness and willingness to learn; and a commitment to a respectful and diverse working environment.

### Salary

The stipend for this position will commensurate with education and experience. Students will be expected to apply for internal and external Scholarships and/or Teaching Assistantships.

### To Apply

Applicants from diverse backgrounds are encouraged to apply. Please email a cover letter stating your interest in the position, curriculum vitae, copy of unofficial transcripts and contact information for three references to:

Dr. Kendra Furber  
Assistant Professor  
Northern Medical Program  
University of Northern British Columbia  
3333 University Way, Prince George, BC, V2N 4Z9

Email submissions: [Kendra.Furber@unbc.ca](mailto:Kendra.Furber@unbc.ca)

**Applications will be review until position is filled.**

*All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Northern British Columbia is committed to employment equity and encourages applications from women, aboriginal peoples, persons with disabilities and members of visible minorities.*