

**Mohajerani Lab**  
**Canadian Centre for Behavioural Neuroscience**  
**The University of Lethbridge**  
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**Lethbridge, AB T1K 3M4**  
**Canada**

The Mohajerani lab at the Canadian Centre for Behavioural Neuroscience (CCBN) at the University of Lethbridge is currently looking for a qualified postdoctoral researcher.

My goal is to understand cellular and brain system mechanisms of memory and cognitive processing in animal models of healthy brain and memory disorders associated with aging and Alzheimer's disease. My research focusses on information coding, neural dynamics and system level neural interactions among diverse brain regions (e.g., hippocampus, prefrontal, and anterior cingulate cortices). This research will be supported by state-of-the-art facilities including advanced two-photon imaging, microendoscope imaging, wide-field voltage and calcium imaging, and high-density multi-unit electrophysiological recording and optogenetic techniques.

Successful candidates will join the highly collaborative and interdisciplinary CCBN (<http://www.uleth.ca/artsci/neuroscience/our-faculty>) and Brain Dynamics group (<http://lethbridgebraindynamics.com/>), which has outstanding research strengths in the areas of learning and memory, decision making and neuronal information coding. Salary scales will be competitive with NIH standards for postdoctoral researchers. The position will be for 3 years.

Lethbridge is located two hours from Calgary, 90 minutes from the Canadian Rockies (<http://www.watertonpark.com/>; [http://www.pc.gc.ca/pn-np/ab/banff/index\\_e.asp](http://www.pc.gc.ca/pn-np/ab/banff/index_e.asp)) and is a safe, family friendly environment.

**Qualifications:** Applicants should have one of the following skillsets: (1) in vivo or in vitro imaging techniques and two-photon imaging; (2) high density in vivo electrophysiological recording and (3) expert in neural data analysis. Applicants should have programming (e.g., Matlab) and quantitative background.

**How to apply:** Interested applicants should send an email to Dr. Mohajerani ([mohajerani@uleth.ca](mailto:mohajerani@uleth.ca)) and include a cover letter, curriculum vitae, a brief statement of research interests, and contact information of three references.