

## **Research Assistant Opportunity Casual Position**

**Start Date: June 1, 2026**

**End Date: August 28, 2026**

### **Overview:**

### **Specific activities include, but are not limited to:**

This project will investigate functional MRI (fMRI) and/or diffusion MRI (dMRI) changes across the lifespan using open access datasets.

The primary job duties for the field research assistant (**Research Assistant 3**) will include acquiring, processing/cleaning, and inspecting the data, programming code that will manipulate and analyze the data using primarily Python and R with some potential for MATLAB usage, literature review, and (if time allows) drafting of a manuscript.

The successful candidate will work with, and directly report to, Dr. Josh Neudorf at Athabasca University. Dr. Neudorf will provide adequate training for preprocessing and inspecting the data, programming, literature review, and manuscript writing that will be required.

### **Qualifications:**

Undergraduate degree in neuroscience, psychology, or relevant field required. Experience working with fMRI and/or dMRI data, computer programming, and manuscript writing required.

The student will gain unique experience working with open access MRI data, will gain 1-on-1 instruction on how to use programming to manipulate these data, and experience contributing to a research manuscript.

### **How to apply:**

Qualified individuals are encouraged to submit their application by email to Dr. Josh Neudorf at [jneudorf@athabascau.ca](mailto:jneudorf@athabascau.ca). Applications should include (as a single PDF file) a brief cover letter that summarizes your skills, interests and experience; a current resume or curriculum vitae; an unofficial copy of your transcript; and the contact information for 1-2 references.

Evaluation of applications will begin immediately and will continue until a suitable candidate is found. All applicants are thanked for their interest in this position; however, only candidates selected for an interview will be contacted.



Athabasca University and the researchers are committed and seek to support equity in employment and research opportunities. We strongly encourage applications from Indigenous people, people of colour, people with disabilities, 2SLGBTQ+ people, women, and other historically marginalized groups. Applicants are welcome, but not required, to self-identify in their letter of application.

For more information on this Research Assistant Opportunity, please contact Josh Neudorf, PhD at the coordinates below, on or before May 29, 2026.

Hours per week are approximate and may vary based upon activity. This position has a maximum of 12 hours/week starting as soon as June 1 and ending August 28, 2026.

Josh Neudorf

Email: [jneudorf@athabascau.ca](mailto:jneudorf@athabascau.ca)

Phone: 1-306-850-4761