

We are looking for an **enthusiastic and motivated Research Associate / Research Coordinator (RA)** to oversee the day-to-day operations as part of the Pediatric Neurosurgery and Neuroscience research program and in our lab (Brain3Dviz) at Children's Hospital and Western University in London, Ontario (Canada).

We carry multidisciplinary research, with projects involving *pediatric neurosurgery, pediatric neurology, pediatric trauma, pediatric oncology and radiology, as well as basic sciences such as psychology, computer software and engineering*. The main focus of the lab is **neuroimaging and its use in pediatric neurosurgery and neuroscience**, as well as **Augmented and Virtual Reality**.

The lab is committed to best practices in equity, diversity and inclusion (EDI).

### **Job Description:**

The Research Associate will be proficient in the scientific techniques used in the lab, and will develop and maintain standard operating procedures (SOPs) and train lab members in their use, as well as develop and maintain Research Ethics Board protocols.

He/she will also spend a proportion of time acquiring data (schedule needs to be flexible to accommodate the participants), coordinating research, and helping to recruit participants.

He/she will help to write abstracts, manuscripts, and scientific reports, and will be expected to play a role in grant writing as well.

The Research Associate will interact with and help to oversee trainees, and will work in collaboration with other lab staff, postdoctoral fellows and students. The successful applicant will enjoy working as part of an interdisciplinary team and will be able to mentor members of the lab.

### **Skills:**

A background in cognitive neuroscience or experimental psychology and expertise in fMRI is necessary. Expertise in DTI, EEG, or neuropsychological patient testing is preferred, but not required. Comfort with computer programming (e.g., Matlab, Python, R) would be helpful.

A Master's degree (or PhD) in Neuroscience, Psychology, Cognitive Science is necessary.

The candidate should have experience working in a medical-research role with patient research participants, and experience preparing ethics submissions. The successful applicant will be able to manage multiple projects simultaneously from conception to completion within tightly prescribed timelines. They will be a self-driven, critical thinker who can solicit input, and suggest remedies and alternative approaches that meet the needs of the situation. Ability to apply creativity, innovation and resourcefulness to daily work is important.

The RA would need to have a natural inclination to develop relationships by interacting with people in a professional, respectful and diplomatic manner, as well

as the ability to ensure confidentiality and privacy is maintained through the appropriate retention and destruction of information.

The candidate requires good communication skills to listen to the complete message, solicit more information as required, and give feedback on the message received. He/she should pay attention to detail and have proofreading abilities with an excellent command of the English language (spoken and written).

**Benefits:**

London is in the heart of Southwestern Ontario. With a population of more than 383,000, London is Canada's 11th largest city and an ideal environment to work, play and live. Close to nature if you like outdoor activities – London is also called the Forest City -, and not too far from Toronto, if you like the big city life. Overall London is a lovely city with a high quality of life.

While the RA will be expected to be working flexible hours to accommodate some patients and research participants (evenings and weekends possibly), the overall work schedule will also be flexible.

The RA would benefit from 4 weeks of vacation. Salary 55,000 CAD.

**The position is to be filled as soon as possible.**

For further details on Dr de Ribaupierre's research, see [Brain3Dviz.com](http://Brain3Dviz.com) or [de Ribaupierre](http://deRibaupierre).

While working out of Children's Hospital, the successful candidate would be immersed in the environment of the University of Western Ontario, The Brain and Mind Institute, and Robarts.

**To apply**, please send until April 30<sup>th</sup>, a **detailed CV and cover letter** explaining why the lab's research interests you and how your skills and abilities are suitable to [sderibau@uwo.ca](mailto:sderibau@uwo.ca) with the subject line "Pediatric Neuroscience RA".

The position is meant to be for multiple years, but will initially be for one year and then renewed afterwards.