

### **Post-Doctoral Scholar Position in Cerebrovascular Communication**

A two year Post-Doctoral Scholar position in the area of cell-cell communication in the cerebrovasculature is available under the supervision of Dr. Donald Welsh at the Robarts Research Institute, Schulich School of Medicine & Dentistry, Western University. The position may be renewed beyond the initial two year term, subject to funding and university guidelines for Post Doctoral Scholar employees. The position has an adjustable start date of July 1, 2017.

The successful candidate will be responsible for facilitating research projects using live tissue techniques in blood vessels from rodents and human subjects. This includes assistance with data acquisition, data analysis and management, and literature reviews. The candidate will apply for post-doctoral fellowship support and assume responsibility for the preparation and publication of manuscripts. The candidate will have live animal/tissue handling/dissection experience, familiarity with myography, electrophysiology and confocal microscopy.

The successful candidate will possess:

- A Ph.D. degree in medical biophysics, physiology or neuroscience obtained within the past 3 years, with a strong background in live tissue handling;
- Previous research experience within a team environment and working with clinical collaborators;
- A strong understanding of research design, research methodology and data analysis;
- Evidence of experience in preparation and publication of manuscripts;
- Excellent oral communication and technical writing skills;
- Excellent computer skills (Microsoft Office, Reference Manager, CorelDraw, SigmaPlot);
- Ability to take guided initiative and work in an organized fashion within a fast-paced research environment; flexibility in shifting between independent and collaborative work;
- Ability to assist in the training of undergraduate and graduate students; and
- Demonstrated collegiality, professionalism and interpersonal skills.

**Rate of Pay:** Commensurate with experience. Minimum compensation rate set according to the University of Western Ontario. Benefits provided.

Applications will be reviewed as received until the position is filled. Please send a letter of application including a one-page description of research experience and interests, an updated curriculum vitae, and names & contact information of three referees to: [dwelsh@robarts.ca](mailto:dwelsh@robarts.ca).

Positions are subject to funding. Applicants should have fluent written and oral communication skills in English. The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, Aboriginal persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents. Non-Canadian citizens or non-permanent residents will require a valid work visa prior to employment.

**Date Posted: February 8, 2017**