

**Posting
RESEARCH ASSISTANT**

Position Title:	Research Assistant
Hiring Unit:	Physiology
Supervisor:	Dr Claire Brown
Work Location:	Bellini Building Rm137
Hours/Week & Schedule:	34 hours/week (Monday to Friday)
Hourly Wage:	\$28.15
Planned Start Date & End Date:	May 14, 2020
Date of Posting: (post for 5 working days minimum)	May 5, 2020
Deadline to Apply:	May 11, 2020

PRIMARY DUTIES

With a strong focus on interdisciplinary work, the position will involve addressing research questions from diverse fields such as cell biology, cancer biology, biophysics, neuroscience and cellular biomechanics. McGill is ranked among the finest research-intensive universities in the world. The ABIF of McGill University has technical capabilities for live cell imaging, total internal reflection fluorescence (TIRF) microscopy, light sheet imaging, fluorescence lifetime imaging microscopy (FLIM), multi-photon microscopy, laser micro-dissection, fluorescence correlation spectroscopy (FCS), image processing and analysis, spectral imaging and high content screening. The ABIF has developed and run more than 80 workshops and courses, in collaboration with academia and industries including the bi-annual Montreal Light Microscopy Course (MLMC). More information about the ABIF can be found at: <http://www.mcgill.ca/abif>

1. Consultation: Work with researchers to determine appropriate equipment for experiments and to develop experimental designs to address specific research questions. Including consultation on preparing images and data for presentations and publications and the collection of preliminary data for grant applications.
2. Training: Perform basic training for users on routine and advanced microscopy platforms. Develop and modify standard protocols for training sessions.
3. Maintenance: Execute regular maintenance of the facility equipment. Develop and modify maintenance protocols on an ongoing basis. Interpret quality control information and initiate repairs if necessary. Document all equipment service.
4. Policies and Procedures: Ensure all facility users adhere to facility policies and procedures. Ensure appropriate access to equipment for all facility users.

EDUCATION/EXPERIENCE

- **For Research Assistant – minimum requirement: Master’s**

MSc preferred areas including Biophysics, Cell Biology, Cancer Biology, Bioengineering.

OTHER QUALIFYING SKILLS & ABILITIES

Understanding and hands-on experience in optical microscopy and imaging instruments.
Familiarity with advanced light microscopy technologies.

Experience working in a dynamic environment. Must be able to manage a diverse set of obligations on a daily basis with rapidly changing demands and priorities.
Strong interpersonal skills for working with facility users, principle investigators and potential new clients within the research community.
Ability to communicate complex ideas to people new to the field.
Ability to work independently and efficiently but also work well as a part of a team.
Strong verbal and written communication in English.

HOW TO APPLY

Please submit your application to:

Dr Claire Brown at : Claire.brown@mcgill.ca

McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities, and others who may contribute to further diversification.