

Job Description

Job Title	Research Scientist II
Reference	31527
Location	UWO Main Campus
Faculty/Unit	Schulich School of Medicine and Dentistry
Department	Robarts Research Institute - Imaging
Full/Part Time	Full-Time
Employee Group	PMA - Professional and Managerial Association
Appointment Type	Continuing
Appointment Status	Regular Full-Time

Classification & Regular Hours

Hours per Week: 35 Salary

Grade: R3

About Western

With an international reputation for success, Western ranks as one of Canada's top research-intensive universities. Our research excellence expands knowledge and drives discovery with real-world application. Western also provides an exceptional employment experience, offering competitive salaries, a wide range of employment opportunities and one of Canada's most beautiful campuses.

About Us

The Robarts Research Institute within the Schulich School of Medicine & Dentistry at Western University has made its mission to accelerate medical discovery. Through a powerful integration of basic and clinical research, we are driving major advances that impact on many of today's most devastating diseases.

Dr. Menon's lab is located within the Robarts Research Institute. The mission of Dr. Menon's ("the PI") lab is to create and provide an innovative academic research environment where team members have the best opportunity to pursue research excellence in the area of ultra-high field MRI and its applications in the brain.

Responsibilities

The Research Scientist will provide guidance and consultation related to a variety of research functions through the development of MRI experimental strategies. The role will facilitate research by participating in the design and implementation and providing related guidance on equipment, as well as best approaches for

project development, implementation, and evaluation. The role will be expected to manage the smooth operation of the PI's laboratory in all respects as well as the PI's interaction with the CFMM core, fostering research collaborations and providing guidance to stakeholders to solve research problems or issues that arise. The role will set research goals and objectives, carry out and oversee original and independent research, develop new research initiatives, prepare grant applications, and play a lead role in training and fostering relationships with collaborators, staff, graduate students, undergraduate students and post-doctoral fellows. The Research Scientist will also select and develop methods for data collection, publish and present findings, and develop new and innovative research approaches to achieve desired research outcomes.

Qualifications

Education:

- PhD in Physics, Biophysics, Biomedical Engineering or relevant discipline

Experience:

- 3 years' experience (post PhD) in an academic leadership setting (such as a post-doctoral fellow, research associate, junior faculty position) with demonstrated experience in MRI methods as well as demonstrated training, problem solving and leadership experience
- 2 years' postdoctoral experience including developing independent scientific programs and preparing scientific documents
- 1 year student supervisory and mentoring experience
- Strong publication record including first and last author publications

Knowledge, Skills & Abilities:

- Self-driven, independent thinker who is highly motivated and possesses an intrinsic passion for quality work outcomes and strong productivity with demonstrated project management methodologies
- Ability to perform both standard and complex laboratory procedures with accuracy, precision and reliability
- Professional and effective interpersonal skills to interact with trainees and other university personnel on a daily basis to maximize the research productivity of the lab personnel and core facility
- Knowledge of laboratory safety regulations
- Extensive knowledge of MRI
- Demonstrated knowledge of ethics review board procedures as applicable to human and animal research
- Exceptional organizational skills and the ability to multi-task with targeted goals
- Ability to manage activities on a personal level and for others in an effective manner
- Ability to research and process information with high levels of accuracy
- Ability to collaborate across internal and external boundaries to meet common objectives and support collaborative projects
- Excellent interpersonal skills with the ability to coach lab members and provide mentorship, assisting with solving complex problems
- Strong record of teamwork with the motivation and ability to work independently with no supervision
- Advanced computer skills used to produce and analyze research outcomes (such as Matlab, C or C++, Pulse-programming languages such as IDEA)

Background Checks

Please note, successful applicants may be required to produce a current police information record check from a police service prior to commencing employment.

Western Values Diversity

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, Indigenous persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression.

Accommodations are available for applicants with disabilities throughout the recruitment process. If you

require accommodations for interviews or other meetings, please contact Human Resources at hrhelp@uwo.ca or phone 519-661-2194.

Please Note:

Interested applicants are asked to visit <https://recruit.uwo.ca> for further information and to apply online referencing job #31527 by midnight on September 2nd 2023.

We thank all applicants for their interest; however, only those chosen for an interview will be contacted.