



Tier 2 Canada Research Chair in Ultra High Field MRI
Schulich School of Medicine & Dentistry
Western University



The Schulich School of Medicine & Dentistry at Western University, one of Canada's leading research-intensive universities, is seeking applicants for a Tier 2 Canada Research Chair (CRC) in Ultra High Field MRI. In accordance with the regulations set for Tier 2 CRCs (www.chairs-chaieres.gc.ca), the successful candidate will be an exceptional emerging innovative researcher, with the potential to lead in their field and have a superior record of attracting and supervising graduate students and postdoctoral fellows.

We are seeking an Imaging Scientist with MRI technical expertise in one or more areas including: Ultra-high field MRI, pulse programming, hardware development, diffusion tensor imaging, perfusion imaging, electrical properties mapping, simultaneous multi-slice imaging, or MR fingerprinting – focused on neuroscience applications with unique opportunities to participate in Western's \$66M BrainsCAN CFREF Award (<http://www.uwo.ca/brainscan>).

The candidate must lead and grow an innovative, interdisciplinary, applications oriented research program that would attract excellent trainees, high levels of external research funding, and foster collaborative partnerships. In addition to research leadership, the successful candidate will be expected to contribute to the teaching and service mandate at Western University.

The Schulich School of Medicine and Dentistry fosters an interdisciplinary approach to biomedical research that is enabled by state-of-the-art imaging facilities, technologically advanced core laboratories, and a common mission to innovate, integrate and translate breakthrough medical imaging technology. The school is well known for its strength in basic and clinical neurosciences. The Tier 2 CRC will be expected to pursue an independent, externally-funded research program situated within the Centre for Functional and Metabolic Mapping (CFMM, <http://cfmm.robarts.ca>) at Western's Robarts Research Institute and establish strong links to basic and clinical neuroscience. The CFMM houses Canada's only collection of high-field (3T Siemens Prisma) and ultra-high field (7T Siemens Magnetom and 9.4T Agilent) MR systems. The Centre is dedicated to establishing the anatomical, metabolic and functional characteristics of normal brain development and healthy ageing across the lifespan; as well as establishing the brain basis of developmental, neuropsychiatric and neurodegenerative deficits. The position will also provide excellent opportunities to collaborate with Lawson Health Research Institute and the Brain and Mind Institute, as well as the Department of Medical Biophysics, the Department of Physics & Astronomy, the Department of Medical Imaging, and the Biomedical Engineering and Neuroscience Graduate Programs.

A successful candidate holding a PhD in a relevant field will be appointed in a Probationary (tenure-track) position at the level of Assistant Professor in the Department of Medical Biophysics with the possibility of a joint appointment in another Department at Western University. Consideration will be given for an appointment at the rank of Associate Professor in a Probationary (tenure-track) or Tenured Appointment depending upon qualifications and experience. The candidate will also be appointed as a Scientist at the Robarts Research Institute. Compensation for this position will be commensurate with qualifications and experience.

A successful candidate holding an M.D./PhD will be appointed in a Clinical Academic appointment in a Limited Term position at the level of Assistant Professor in the relevant Clinical Department with the possibility of a joint appointment in the Department of Medical Biophysics. Consideration will be given for an appointment at the rank of Associate Professor in a Limited Term or Continuing Appointment depending upon qualifications and experience. The candidate will also be appointed as a Scientist at the Robarts Research Institute. The successful candidate will also be certified or eligible to be certified as a member of the Royal College of Physicians and Surgeons of Canada and be eligible for licensure in the Province of Ontario. Compensation will be based on qualifications and experience and will be composed primarily of the following sources: fee for service, alternate funding plan and academic support.

With full time enrollment of 32,000, Western graduates students from a range of academic and professional programs. Further information about the Schulich School of Medicine & Dentistry can be found at www.schulich.uwo.ca, the



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Faculty of Science at www.uwo.ca/sci and/or at www.uwo.ca. Western's Recruitment & Retention Office is available to assist in the transition of successful applicants and their families.

The application should include a detailed *curriculum vitae*, brief description of the current research program, accomplishments, at least five representative publications in the last five years, and the names of three references. Please send the complete application to:

Dr. Denise Figlewicz
Vice Dean, Research & Innovation
Schulich School of Medicine & Dentistry
Western University
London, Ontario CANADA N6A 5C1
selection.committee@schulich.uwo.ca

For PhD applicants, please ensure that the form available at the link below is completed and included in your application submission:

<http://www.uwo.ca/facultyrelations/faculty/Application-FullTime-Faculty-Position-Form.pdf>

For MD/PhD applicants, please ensure that the form available at the link below is completed and included in your application submission:

http://uwo.ca/facultyrelations/physicians/Application_FullTime_Clinical.pdf

Tier 2 Chairs are intended for exceptional emerging scholars (i.e., candidates must have less than 10 years of experience as an active researcher in their field at the time of nomination). Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist, such as maternity, parental or extended sick leave, clinical training, etc.) may have their eligibility for a Tier 2 Chair assessed through the program's Tier 2 justification process, please contact the research grants office for more information.

Please consult the Canada Research Chairs website for full program information, including further details on eligibility criteria:

http://www.chairs-chaire.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx#s3

Applications will be accepted until the position is filled. Review of applications will begin after November 30, 2016. The CRC appointment is for a five year period, with the possibility of renewal for one additional term. Anticipated start date is July 1st, 2017 or as negotiated.

Positions are subject to budget approval. 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.

Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please contact Brigitte Neale at Brigitte.Neale@Schulich.uwo.ca phone 519-661-2111 ext. 82698.

Business Addresses:

Western University, 1151 Richmond Street, N., London, Ontario N6A 5B8, www.uwo.ca

London Health Sciences Centre, 800 Commissioners Road E., London Ontario, N6A 5W9, www.lhsc.on.ca

St. Joseph's Health Care London, 268 Grosvenor Street, London Ontario, N6A 4V2, www.sjhc.london.on.ca

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