

CANADA RESEARCH CHAIR (TIER 2) IN NEUROSCIENCE  
ASSISTANT/ASSOCIATE PROFESSOR, DEPARTMENT OF PHARMACOLOGY AND THERAPEUTICS  
RADY FACULTY OF HEALTH SCIENCES, UNIVERSITY OF MANITOBA  
Position # CRC#23967 Professorial#23966

The Rady Faculty of Health Sciences, University of Manitoba is seeking applicants to be nominated for a Tier 2 Canada Research Chair in the area of central nervous system connectivity in the Department of Pharmacology and Therapeutics. The CRC program enables Canadian universities to foster world-class research excellence. This CRC aligns with the University's strategic research plan. All Chairs are subject to review and final approval by the CRC Secretariat. If successful at obtaining a CRC, this will be a full-time tenure-track position at Assistant or Associate Professor, beginning April 2018 or as soon as possible thereafter.

Faculty in the Department of Pharmacology and Therapeutics maintain well-funded interdisciplinary research programs. Faculty are members of several University of Manitoba and affiliated research institutes, including the Kleysen Institute for Advanced Medicine (KIAM). This is an exceptional opportunity to participate in interdisciplinary and collaborative research in a department with complementary and diverse skills.

The Rady Faculty of Health Sciences is a major center of inter-disciplinary medical education and research, linked to sister institutions throughout Canada and the world. It offers a full range of undergraduate and graduate programs encompassing biomedical sciences, clinical medicine and population health. The Department of Pharmacology and Therapeutics has a rich history of research and education in pharmacology and neuroscience and is committed to providing high quality inter-faculty teaching at the University of Manitoba.

The successful candidate will have an MD and/or PhD, several years of postdoctoral experience, a highly productive track record of academic output, and a record of mentorship of undergraduate, graduate and/or postdoctoral level trainees. The successful applicant will be nominated for a Tier 2 CRC supported by the Natural Sciences and Engineering Research Council and must develop research focused on natural science of nervous system connectivity. Connectivity is broadly defined as connections among molecules, cells, tissues and regions ranging from nanoscale to macroscale. Examples of suitable research areas include, but are not limited to, understanding molecular synaptic diversity, defining anatomical circuits, characterizing functional circuitry associated with complex behaviors and understanding anatomical or functional brain connectivity using advanced neuroimaging. The recruit is expected to teach and develop a rigorous, independently funded research program. They will integrate into the emerging connectomics cluster vision of members in the KIAM. Opened in 2013, the KIAM Neuroscience Research Program is an interdepartmental program with nine full-time faculty and state-of-the-art laboratory, live cell imaging, animal imaging and human PET and MRI facilities.

The selected candidate must compete successfully for the Tier 2 Chair award that supports the position. This requires applicants to be exceptional emerging scholars with *less than 10 years* of experience as an active researcher since obtaining their terminal degree at the time of nomination. Tier 2 Chairs are valued at \$100,000 per year for 5 years with an option to renew once. 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.) will have their eligibility for a Tier 2 Chair assessed through the program's Tier 2 justification process. Please contact the UM's strategic research initiative office for more information (<http://umanitoba.ca/research/ors/>). The Canada Research Chairs website also provides full program information including details on eligibility criteria at: <http://www.chairs->

[chaires.gc.ca/program-programme/nomination-mise\\_en\\_candidature-eng.aspx](http://chaires.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx).

*The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, members of racialized communities, Indigenous persons, persons with disabilities, persons of all sexual orientations and genders, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.*

Note that application materials may be shared with participating members of the search process. All materials, including reference letters, will be handled in accordance with the Freedom of Information and Protection of Privacy Act (Manitoba). Applications will be accepted until October 31st, 2017 or until the position has been filled.

Interested candidates should forward a CV (including details of history of mentorship of trainees), letter of introduction, 5 year research plan and the names of three referees by email to:

Paul Fernyhough  
Chair, CRC Faculty Search Committee  
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