

**FULL ADVERTISEMENT
CANADA RESEARCH CHAIR (TIER 2) IN TUMOR BIOLOGY
ASSISTANT PROFESSOR, DEPARTMENT OF HUMAN ANATOMY AND CELL SCIENCE
RADY FACULTY OF HEALTH SCIENCES, UNIVERSITY OF MANITOBA
Position Number #CRC #23717 Professorial#23718**

The Rady Faculty of Health Sciences, University of Manitoba is seeking applications to be nominated for a Tier 2 Canada Research Chair (CRC) in cellular aspects of tumorigenesis in the Department of Human Anatomy and Cell Science.

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 Professor, beginning April 2018 or as soon as possible thereafter.

This full-time tenure track CRC position is at the rank of Assistant Professor. The successful candidate will have an MD and/or PhD, several years of postdoctoral experience, has demonstrated creativity, excellence, and 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 will develop a natural science research program with a strong track record in all cellular aspects of tumorigenesis. This research may include cellular crosstalk/ signaling in cancer (stem) cells, mechanisms of genomic stability, tumor immunology and/or metastasis. Preference will be given to candidates with a particular research emphasis on tumors of the brain and breast. Examples of suitable research areas include, but are not limited to, understanding molecular signaling circuitry, strategies to identify the role of protein-DNA/RNA and protein-protein interactions for cellular differentiation and intercellular crosstalk, characterizing tumor-specific secretomes, and delineating the impact of the crosstalk between different cell populations within the tumor microenvironment on tumor progression and tissue invasion.

The candidate is expected to develop a rigorous, independently funded and internationally recognized research program. The prospective candidate will have the unique opportunity to integrate into active tumor research groups with recognized expertise in brain and breast cancer, DNA repair, genomic stability, and cell death mechanisms. The incumbent will have access to extensive in-house tumor patient cell/ tissue resources with associated clinical data bank and participate as an active member in the interdisciplinary brain and/or breast tumor groups composed of cancer researchers at the University of Manitoba and CancerCare Manitoba. Both groups are also part of the Terry Fox Research Institute Prairies network in cancer research. The incumbent will have access to state-of-the-art laboratory, 3D imaging, super-resolution imaging, transmission electron microscopy, animal imaging, and human/animal PET and MRI, and histomorphology 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 final 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-chaire.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 August 11, 2017 or until the position has been filled.

Applications are to be sent by email and include a letter of application, curriculum vitae (including details of history of mentorship of trainees), statement of research interests, supportive information regarding teaching experience and competency, 5 year research plan and the names and contact information of three referees specifying **Position Numbers 23717/23718** to:

Dr. Thomas Klonisch, Chair of the Search Committee
Department of Human Anatomy and Cell Science
Room 130 Basic Medical Sciences 745 Bannatyne Avenue
Winnipeg, Manitoba R3E 0J9 CANADA
c/o Ms. Jacki Armstrong: Jacki.armstrong@umanitoba.ca

Application materials, including letters of reference, will be handled in accordance with the protection of privacy provisions of "*The Freedom of Information and Protection of Privacy*" (Manitoba). Please note that curriculum vitae will be provided to participating members of the search process.