



Graduate Student Positions in Canada

are available in the Department of Physics and Astronomy at The [University of Manitoba](http://www.umanitoba.ca) to pursue frontier condensed matter physics research in the field of **Cavity Spintronics**. This is a new field that connects some of the most exciting modern physics, such as quantum information and quantum optics, with one of the oldest sciences on earth, magnetism. Introductory materials and recent publications in this field can be found at the Dynamics Spintronics Group website:

<http://www.physics.umanitoba.ca/~hu/>

Contact:

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The candidate should have a bachelor degree (for MSc. level) and/or a master degree (for Ph. D level) in physics with strong academic performance. A keen interest in research and a strong commitment to academic excellence is essential.

Initial application should include **a cover letter, a detailed resume, and a copy of course transcript**. Received applications will be reviewed immediately. Prospective students are advised to contact Prof. Dr. Can-Ming Hu for more information.

The University of Manitoba, in Winnipeg, Canada, was established in 1877 as the first university in western Canada. Located in the Red River Valley, Winnipeg is a cosmopolitan city known for its rich cultural environment, which provides a high quality of life at modest expense. The place offers access to some of the most beautiful lake country in North America, with ample opportunities for outdoor recreation, such as camping, canoeing, hiking, skiing, and ice fishing.

Historically, the Department of Physics and Astronomy at University of Manitoba has been offering one of Canada's best graduate study programs in the field of magnetism. From this graduate program came many brilliant Ph. D graduates, such as [Michael Coey](#) and [George Sawatzky](#) who have been making seminal contributions to the field of condensed matter physics. The winner of 2019 Nobel Prize in Physics, [James Peebles](#), was also graduated from this department.

