



Graduate Student Positions in Canada

are available in the Dynamic Spintronics Group of the Department of Physics and Astronomy at University of Manitoba to pursue frontier condensed matter physics research in the field of **Cavity Spintronics**. This is an emerging 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 new field can be found at our group website:

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

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

Initial application should include **a cover letter, a detailed resume, and a copy of the 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. It provides a high quality of life at modest expense and 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 programs in the field magnetism. From this graduate program came brilliant Ph. D graduates such as [Michael Coey](#) and [George Sawatzky](#) who have been making seminal contributions to the field of condensed matter physics.

