

## M.Sc. Biochemistry Position Available

A graduate student position (M.Sc.) is available in the laboratory of Dr. Michael Charette at Brandon University and the Children's Hospital Research Institute of Manitoba (CHRIM). The Charette Lab explores the molecular mechanism of ribosome assembly and its associated diseases and cancers.

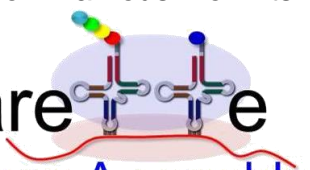
We are seeking a bright, energetic, highly motivated, independent, and interactive MSc. student to join our young and vibrant research group to uncover the molecular pathogenesis of Bowen-Conradi Syndrome, a deadly ribosome assembly disorder in Manitoba children for which there is no cure.

The successful candidate will investigate the fundamental mechanism of ribosome assembly, the molecular pathogenesis of Bowen-Conradi Syndrome, and the development of potential therapeutics. The student will develop world-class expertise in this growing area of research, oral and written communication skills, along with mastering classical and cutting-edge biochemical and molecular approaches. The successful candidate will have the opportunity to present at local, national and international meetings and to develop teaching, leadership, and mentoring skills. The Charette lab houses state-of-the-art equipment in RNA biology and is funded by CHRIM, NSERC, and CFI. The position includes two years of stipend support but the successful candidate will also apply for independent fellowship funding. The Charette Lab emphasizes the training and mentoring of young researchers.

**Qualifications:** Students with a high GPA and a strong background in biochemistry, molecular biology, microbiology, genetics, or cell biology are encouraged to apply. An honours thesis or previous hands-on laboratory experience is preferred, but not essential. Highly motivated, able to work independently and in a team setting, critical thinking, and excellent oral and written communication skills are required. Applicants must be eligible to apply for external funding in Canada.

**Application materials:** A cover letter outlining the reason for their interest in the position, details of previous lab experience, and career goals, a CV, and transcript along with the contact information for two referees to: Charettem (at) Brandonu (dot) ca. Only applicants with the appropriate background and research interests will be considered.

Located in Brandon Manitoba, two and a half hours west of Winnipeg, the Charette lab is part of Brandon University and the Children's Hospital Research Institute of Manitoba (CHRIM). Brandon, known as the Wheat City, is Manitoba's second largest city and a regional hub offering all amenities and excellent outdoor recreation. Brandon University is a Primary Undergraduate Institution famous for its small class sizes and individualized education.



The Chare<sup>e</sup>  
Ribosome Assembly  
and Ribosomopathy Lab