



**University
of Manitoba**

**Department of Physics and Astronomy
Faculty of Science
University of Manitoba
Winnipeg, Manitoba, Canada**

**Assistant or Associate Professor in Medical Physics
Position # 27779**

The Department of Physics and Astronomy invites applications for a full-time tenured or tenure-track position at the Assistant or Associate Professor level, commencing 1 July, 2020, or on a date mutually agreed upon.

The Department seeks an emerging scholar with a commitment to excellence in teaching and research. Exceptional candidates at any level will also be considered. Outstanding candidates in any area of Medical Physics will be considered, with particular emphasis on candidates who will complement or extend the department's strengths in areas relevant to Medical Physics, Biophysics, Detector Development or Condensed Matter Physics. The successful candidate will have a Ph.D. in Physics, Medical Physics, Engineering or a related field and substantive post-graduate experience in Medical Physics.

Duties will include undergraduate teaching, graduate teaching and supervision, development and delivery of Medical Physics courses, research, including the establishment of an externally funded research program, and service-related activities. The successful candidate will have a track record of high quality scholarly research leading to peer assessed publications; will either have, or demonstrate the potential to establish, an independent, innovative, scholarly, externally fundable research program; will have demonstrated strength in or strong potential for outstanding teaching contributions; and will exhibit evidence of the ability to work in a collaborative environment. Salary and rank will be commensurate with experience and qualifications.

To enhance our department and create role models for a diverse population of students, we particularly invite application from those who can support and enhance our diversity, including women, Indigenous peoples, other visible minorities, and those committed to a diverse environment.

The Department currently has 22 full time tenured and tenure track faculty members and two Instructors, and offers a full range of both undergraduate and graduate programs in Condensed Matter Physics, Subatomic Physics, Astronomy and Astrophysics and Biological and Medical Physics. The Department has well-established and equipped individual research facilities, high-performance Computing facilities with Compute Canada, and is supported by strong research links with other University of Manitoba units including Electrical and Computer Engineering, Biological Sciences, the Manitoba Institute for Materials and the

Research Institute of Oncology and Hematology. The Department also has strong links with CancerCare Manitoba and the Winnipeg Health Sciences Center.

Further information about the Department can be obtained from <https://www.sci.umanitoba.ca/physics-astronomy/>. Winnipeg is the largest city in the Province of Manitoba. The city has a rich cultural environment, including symphony, opera, dance, theatre, and ethnic festivals. The region provides ample opportunities for outdoor recreation in all seasons. Learn more about Winnipeg at <https://www.travelmanitoba.com/> and <https://www.winnipeg.ca/interhom/>.

The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, racialized persons, Indigenous Peoples, persons with disabilities, persons of all sexual orientations and genders, and others who may contribute to the further diversification of ideas. If you require accommodation supports during the recruitment process, please contact U of M's Equity, Diversity and Inclusion Facilitator, Valerie Williams at Valerie.Williams@umanitoba.ca or 204-474-8371. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Applications including a curriculum vitae, a description of teaching philosophy, a summary of research interests, a three-page research plan and contact information for three references should be sent to susan.beshta@umanitoba.ca (PDF files preferred). **Please ensure to specify position number 27779 in the application.**

For further information, contact the Chair of the Search Committee, Prof. Robert Stamps at robert.stamps@umanitoba.ca.

The closing date for receipt of applications is 31 October, 2019. Application materials, including letters of reference, will be handled in accordance with the *Freedom of Information and Protection of Privacy Act*. Please note that curricula vitae may be provided to participating members of the search process.