

Faculty of Science, Department of Physics and Astronomy
University of Victoria

Faculty Position in Medical Physics

The Department of Physics and Astronomy, University of Victoria, invites applications for a tenure track Assistant Professor position in the area of medical physics. The appointment will be effective **July 1, 2015**.

Applicants should have a Ph.D. in physics and possess a strong record of independent research in either radiotherapy or medical/molecular imaging as applied to oncology. Prior experience in teaching and/or graduate supervision is desirable. Applicants should show great promise for future scholarly development, and be committed to education and training in support of the medical physics program. The position includes teaching duties at the undergraduate and graduate level.

The Department of Physics and Astronomy (<http://www.uvic.ca/science/physics/>) consists of 22 faculty members with research interests in particle physics, astronomy and cosmology, condensed matter physics, and ocean physics, in addition to the medical physics group. The department has a vibrant, CAMPEP-accredited medical physics graduate program, offered in close collaboration with the BC Cancer Agency - Vancouver Island Centre (VIC). Current research strengths in medical physics include Monte Carlo-based dose calculation, development and application of intensity-modulated radiation therapies, development of gated therapies, electronic portal imaging dosimetry, 3D dosimetry, x-ray imaging modalities, conformal small animal radiotherapy, and spectroscopic investigations of the effects of ionizing radiation on biological tissues. The medical physics group has recently expanded with the hire of a Canada Research Chair – Tier II, and the successful applicant will join this growing research group within the Department. Interdisciplinary research in the medical biophysics-based projects is conducted in partnership with the Deeley Research Centre of VIC. We also have close ties to the TRIUMF laboratory in Vancouver, which has programs in PET, medical isotope production and proton irradiation therapy. For more information on our medical physics program, see <http://www.uvic.ca/science/physics/medicalphysics/>.

A letter of application, CV, publication list, statement of research interests and confidential letters from three referees should be sent by **December 12, 2014**, to:

Assistant to the Chair
Department of Physics and Astronomy
University of Victoria
phast@uvic.ca

The University of Victoria is an equity employer and encourages applications from women, persons with disabilities, visible minorities, Aboriginal Peoples, people of all sexual orientations and genders, and others who may contribute to the further diversification of the University.

All qualified candidates are encouraged to apply; however, in accordance with Canadian Immigration requirements, Canadians and permanent residents will be given priority.