

Faculty Position in Medical Physics Department of Physics, Carleton University

Applications are invited for a tenure-track faculty position in medical physics at the rank of Assistant Professor in the Department of Physics at Carleton University, commencing January 1, 2006. An appointment at the Associate Professor level will be considered in the case of exceptional candidates depending on experience. The Department offers a full spectrum of Bachelor's physics programs, the M.Sc., and the Ph.D. Most of the research activity is in medical physics and particle physics.

The medical physics research group is active in Monte Carlo radiation transport for therapy applications under the direction of a Canada Research Chair, research in ultrasound thermal therapy for brain tumours, and research in x-ray imaging with focus on scatter imaging. The Carleton Magnetic Resonance Facility comprises a 1.9 T small-animal imager and associated facilities. A network of medical physicists has been established across the region via the Ottawa Medical Physics Institute (OMPI) (www.physics.carleton.ca/ompi), comprising physicists at the Ottawa Hospital imaging and cancer services, the Ottawa Heart Institute, Health Canada, the NRC, AECL Chalk River, and other organizations. Adjunct professors from these institutions play a central role in graduate teaching and research project supervision.

The ideal candidate for this position will hold a Ph.D., preferably in medical physics, will have clinical experience, and will have established a research track record in medical physics. Applicants must be committed to effective teaching at both the undergraduate and graduate levels, and will be expected to play a leading role in OMPI, to develop a strong externally-funded research program, and to contribute to graduate and undergraduate research supervision.

For further information on the position please contact Prof. Paul Johns, Chair, Department of Physics, Tel: (613) 520-2600 x4317, Email: johns@physics.carleton.ca

This position is subject to final budgetary approval. Consideration of applications will commence August 26, 2005; however, applications will continue to be accepted **until the position is filled**. Candidates should send their curriculum vitae and a statement of their research and teaching interests, and should arrange for letters from three referees to be sent to:

Marilyn Stock
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All qualified candidates are encouraged to apply; however, Canadian citizens and Permanent Residents will be given priority. Carleton University is committed to equality of employment for women, Aboriginal peoples, visible minorities, and people with disabilities. Persons from these groups are encouraged to apply.