



DEPARTMENT OF PHYSICS

Faculty Position in Theoretical Subatomic Physics

The Department of Physics at the University of Guelph invites applications for a tenure track position at the Assistant Professor level in theoretical subatomic physics. We are specifically looking for candidates who will complement and reinforce our strong experimental research programs in low-energy nuclear physics, which revolve around major Guelph-led gamma-ray spectrometers at TRIUMF's Isotope Separator and Accelerator (ISAC) facility. All areas of theoretical nuclear physics will be considered, but preference will be given to the following areas: nuclear structure, nuclear astrophysics, low-energy fundamental symmetry tests, and theoretical interface with experimental radioactive ion beam physics. In addition to extensive interactions with experimental nuclear physics researchers, it is expected that the successful candidate will interact meaningfully with other research groups within the Department; this requires broad research interests that go beyond the listed topics and reach some of our departmental strengths in gravitational, condensed matter, and soft matter research.

The Department of Physics has 18 faculty members and offers strong educational programs at the undergraduate and graduate levels, up to the Ph.D. level. The graduate and research programs are enhanced by participation in the Guelph-Waterloo Physics Institute (GWPI) and the Biophysics Interdepartmental Group (BIG). Guelph faculty members collaborate with many off-campus research facilities including the Canadian Light Source, Perimeter Institute for Theoretical Physics, and TRIUMF. The successful candidate will also benefit from our established and active involvement with the Shared Hierarchical Academic Research Computing Network (SHARCNET). Experimental and theoretical research areas include biophysics, soft and hard condensed matter, gravitational physics, and subatomic physics. For more information, see the Department's web site at www.physics.uoguelph.ca.

The successful candidate will have a Ph.D. in theoretical nuclear physics or a closely related field, postdoctoral experience, and will have demonstrated exceptional strength in independent research. The candidate will also have proven ability or demonstrated potential for teaching and will take part in the Department's teaching programs at both graduate and undergraduate levels. To apply, submit a letter of application, curriculum vitae, statement of research interests, publications list, and names and addresses of three professional references to:

**Eric Poisson, Chair
Department of Physics
University of Guelph
Guelph, Ontario N1G 2W1**

Consideration of applications will begin on **1 May 2011** but applications will be accepted until the position is filled.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents of Canada will be given priority. The University of Guelph is committed to an Employment Equity Program that includes special measures to achieve diversity among its faculty and staff. We therefore particularly encourage applications from qualified aboriginal Canadians, persons with disabilities and members of visible minorities and women. The appointment is subject to final budgetary approval.