



**Physics Faculty Positions  
Department of Physics and Astronomy  
Laurentian University**

The Department of Physics and Astronomy at Laurentian University invites applications for up to three tenure-track appointments at the Assistant or Associate Professor level, effective July 1, 2006.

Applicants should have a Ph.D. in Physics, several years of relevant experience and, preferably, a research background in medical physics or particle astrophysics – the research areas designated by the department for these replacement appointments.

The department has an M.Sc. program and a biomedical physics undergraduate program in addition to general and honours physics degree programs. We also host a B.Sc. program in Radiation Therapy offered in partnership with the Michener Institute for Applied Health Sciences and the Sudbury Regional Hospital Cancer Centre (SRHCC). Research activities are focused in three areas. Medical physics research includes x-ray diffraction imaging for tumor identification, radiation therapy studies in collaboration with SRHCC and dynamic cell imaging. Particle astrophysics studies include neutrino physics and low energy backgrounds at the Sudbury Neutrino Observatory (SNO), SNOLAB facility development, trace radioisotope analysis and the EXO xenon double beta decay experiment. Theoretical condensed matter physics research investigates high- $T_c$  superconductors and strongly-correlated electron systems. For further information, visit the web site of the department at [www.laurentian.ca/physics/](http://www.laurentian.ca/physics/).

Bilingual (English/French) ability is an asset, with passive bilingualism being a condition for the awarding of tenure.

Applications will be accepted until the positions are filled. The positions are subject to budgetary approval. Candidates should send curriculum vitae, and arrange to have three letters of reference sent to:

Ms. Colette Roy  
Department of Physics and Astronomy  
Laurentian University  
Sudbury, Ontario Canada P3E 2C6  
FAX (705) 675-4868  
e-mail: [physics\\_chair@laurentian.ca](mailto:physics_chair@laurentian.ca)

Laurentian University is committed to equity in employment and encourages applications from all qualified persons, including women, aboriginal peoples, members of visible minorities and persons with disabilities. In accordance with Canadian immigration requirements, all qualified candidates are encouraged to apply, however Canadians and permanent residents will be given priority.