

# Postdoctoral Position in Experimental Nuclear Physics

Guelph – McMaster – Toronto – TRIUMF

Applications are invited for a postdoctoral research position with a Guelph–McMaster–Toronto–TRIUMF collaboration investigating a variety of nuclear structure, nuclear astrophysics, and fundamental interactions topics at TRIUMF's new Isotope Separator and Accelerator (ISAC) radioactive ion-beam facility. Our group operates the  $8\pi$   $\gamma$ -ray Spectrometer and a  $4\pi$   $\beta$  counter/fast tape transport system for high-precision decay studies on two of the low-energy beamlines at ISAC-I, and is a core element of a collaboration developing the TRIUMF-ISAC Gamma-Ray Escape Suppressed Spectrometer (TIGRESS). TIGRESS is a next-generation  $\gamma$ -ray spectrometer for use with the high-energy (4.5 – 6.5 MeV/A) accelerated radioactive beams that will be provided by the ISAC-II upgrade beginning in 2006. We also maintain active high-spin and far-from-stability nuclear structure research programs with large  $\gamma$ -ray spectrometers located at a number of international laboratories. We encourage applications from excellent candidates interested in participating in these projects, as well as leading independent research initiatives. The successful candidate for this position will be based full time at the ISAC facility at TRIUMF, in Vancouver, British Columbia, Canada. Candidates are invited to submit a curriculum vitae and the names and addresses of three professional references to Carl Svensson <[sven@physics.uoguelph.ca](mailto:sven@physics.uoguelph.ca)>. Review of applications will begin immediately, and will continue until the position is filled.