

Research Scientist - (Nuclear Structure)

Located on the South Campus of the University of British Columbia, TRIUMF is Canada's national laboratory for particle and nuclear physics. We are currently seeking a Research Scientist who will join the ISAC (ISotope ACcelerator) nuclear physics group. ISAC is the world's most intense ISOL (Isotope Separation OnLine) facility for the production of rare isotope beams. TRIUMF is embarking on an ambitious new program using actinide targets with both photo-fission and spallation drivers. The high beam intensities, coupled with state-of-the-art experimental facilities for both decay spectroscopy and in-beam spectroscopy with existing and planned new spectrometers, provide a superb experimental environment to conduct nuclear structure, nuclear astrophysics, and fundamental symmetries research with radioactive ion beams.

The successful candidate will be expected to assume a leadership role in the TRIUMF nuclear structure program and be able to develop and exploit the science opportunities from a large suite of experimental facilities available at ISAC. This includes playing a significant role in the development of GRIFFIN (Gamma-Ray Infrastructure For Fundamental Investigations of Nuclei), an advanced new \$11.5M gamma-ray spectrometer, for which Canada Foundation for Innovation (CFI) funding was announced in June 2009. The position is equivalent to that of a university assistant professor and is eligible for peer-reviewed funding from the Natural Sciences and Engineering Research Council of Canada (NSERC). This is a tenure-track scientist position leading to a continuing appointment after 5 years.

Full consideration will be given to those applicants with a PhD in nuclear physics or related nuclear science, and who have post-doctoral experience with a strong emphasis on gamma-ray spectroscopy. Additional requirements include strong group and scientific leadership skills, the ability to analyze and interpret data, and excellent communications skills, both oral and written.

TRIUMF is an equal opportunity employer. The position is open to all qualified applicants, and in the case of equal qualifications, preference may be given to a Canadian Citizen or Permanent Resident.

When submitting application as outlined below, please also include a statement of research accomplishments and interests, and a list of publications.

TRIUMF Human Resources (Comp. # 227)
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Closing date is September 30th, 2009