

Postdoctoral Fellow in Experimental Nuclear Physics

University of Regina

Regina, April 23, 2019

Applications are invited from exceptional candidates for a fixed-term postdoctoral research position in experimental nuclear physics, who will work in the research group of Dr. Gwen Grinyer in the Department of Physics at the University of Regina.

The successful candidate will be primarily responsible for the development of an array of double-sided silicon strip detectors for measurements of delayed charged particles and is expected to play a leading role in related research projects at TRIUMF using the GRIFFIN γ -ray spectrometer (<https://griffin.triumf.ca/>).

Requirements:

- Ph.D. degree in experimental nuclear physics or closely related field
- Expertise with common analysis software (ROOT) and programming (C++)
- Expertise with γ -ray and charged particle spectroscopy
- Familiarity with silicon detectors for proton and alpha-particle detection
- Experience with mechanical design (CAD) would be an asset
- Experience with data acquisition and electronics (VME) would be an asset
- Excellent track record in data analysis and publishing scientific results

The position is initially offered for two years and may be renewed for a third year. The anticipated start date is September 2019. Salary is commensurate with experience.

Interested applicants should submit their CV, publication list and arrange to have three letters of recommendation sent to Dr. Gwen Grinyer (Gwen.Grinyer@uregina.ca). Review of applications will begin on May 6 and the position will remain open until filled.

For more information about our research group please visit:

<https://www.uregina.ca/science/physics/people/faculty-research/gwen-grinyer/>