



DEPARTMENT OF PHYSICS AND APPLIED PHYSICS
One University Avenue
Lowell, MA 01854

Postdoctoral Position in Experimental Nuclear Physics University of Massachusetts Lowell

The Nuclear Physics group at the University of Massachusetts Lowell has an immediate Post-Doctoral opening to help exploit new opportunities in experimental research both at major national user facilities and at our Radiation Laboratory. The current research in the group is in fundamental nuclear structure and nuclear astrophysics, and in detector R&D and applied nuclear science using emerging scintillators and segmented Ge detectors. The Radiation Laboratory on campus has a 1-MW research reactor and a 5.5-MV CN Van de Graaff accelerator. The university is situated in the historic city of Lowell, on the Merrimack river, a half-hour northwest of Boston.

We are looking for recent PhD graduates who want to take challenging roles in our existing programs, but who will also be encouraged to pursue their own research interests. A Ph.D in experimental nuclear physics or a closely related field is required. Experience with state-of-the-art nuclear detectors and techniques, as well as multi-parameter digital data acquisition and analysis of accelerator-based experiments, is desirable.

The successful candidates will be integral members of the group, the faculty of which include Professors Partha Chowdhury, Andrew Rogers and Peter Bender. They will be expected to help mentor graduate and undergraduate students.

The appointments will be for two years contingent on continued external funding.

The application process is fully online (Job No. 493991 at <http://explorejobs.uml.edu>)
Review of applications will begin March 1, 2018 and continue until the position is filled.

The University of Massachusetts Lowell is committed to increasing diversity in its faculty, staff, and student populations, as well as curriculum and support programs, while promoting an inclusive environment. We seek candidates who can contribute to that goal and encourage you to apply and to identify your strengths in this area.

For more information about the opportunities, contact
Prof. Chowdhury (Partha_Chowdhury@uml.edu) or Prof. Rogers (Andrew_Rogers@uml.edu).