



Postdoctoral Position in Experimental Nuclear Physics

The Heavy Element Nuclear and Radiochemistry Group in the Nuclear Science Division at Lawrence Berkeley National Laboratory seeks an outstanding postdoctoral scientists to conduct research exploring the nuclear and chemical properties of the heaviest elements. Up to two positions will be available beginning in summer 2016 in ion trapping and/or decay spectroscopy.

A successful ion trapping candidate will lead the LBNL effort to commission, operate and perform experiments with the LBNL gas catcher and RFQ traps and design/construct a new high precision mass analyzer. An applicant is expected to have demonstrated experience with ion trapping, ion optics simulations, computer programming and data analysis.

A successful spectroscopy candidate will lead the LBNL effort to design, construct and commission a new focal plane detector for the FIONA mass analyzer and to perform superheavy element spectroscopy experiments at FIONA. An applicant is expected to have demonstrated experience with computer programming, data analysis, Geant4 simulations and decay spectroscopy experiments.

Formal applications must be made online at:

<https://lbl.taleo.net/careersection/2/jobdetail.ftl?lang=en&job=82259>

Applicants are expected to hold a recent Ph.D. in Experimental Nuclear Physics, Chemistry, Engineering or a related field.

This is a one-year postdoctoral appointment with the possibility of renewal based upon satisfactory job performance, continuing availability of funds and ongoing operational needs. You must have less than four years paid postdoctoral experience. Salary for Postdoctoral positions depends on years of experience post-degree.

Informal enquiries may be sent to:

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