



**Postdoctoral Position
In
Experimental Nuclear Physics
Decay Spectroscopy**

Oak Ridge Associated Universities (ORAU) invites applications for one postdoctoral position in the University Radioactive Ion Beam Consortium. The UNIRIB Consortium is a collaboration of a number of universities which work together to perform nuclear decay spectroscopy research. This consortium primarily carries out decay spectroscopy experiments at Oak Ridge National Laboratory's Holifield Radioactive Ion Beam Facility (HRIBF). A wide variety of state-of-art detector systems are used. In addition, the consortium is currently completing an ultra high resolution separator ($M / \Delta M \sim 400,000$) [Oak Ridge Isomer Spectrometer and Separator (ORISS)] allowing the separation and study of any isobar as well as some isomers. In collaboration with the HRIBF, a Modular Total Absorption Spectrometer is being built and will be utilized with ORISS. UNIRIB has an immediate opening for a two-year position as a postdoctoral researcher, to be stationed at the HRIBF, who will perform decay spectroscopy experiments in collaboration with UNIRIB researchers. The successful candidate will carry out research as part of the UNIRIB consortium and will be expected to develop and propose new experiments. A special emphasis will be on designing experiments for the ORISS system that will take advantage of the exceptional resolving power.

The position will remain open until an outstanding candidate is found.

Interested applicants should complete an application found at:
www.ornl.gov/documents/unirib/unirib-application-2010.doc

Questions concerning the positions should be directed to either:

Dr. H. K. Carter (ken.carter@ornl.gov)
Dr. J. A. Winger (j.a.winger@msstate.edu.)