Rutgers University and Oak Ridge Associated Universities (ORAU) invite applications for at least one postdoctoral opening in the Center of Excellence for Radioactive Ion Beam Studies for Stewardship Science. This Center is a consortium of nuclear scientists focusing on experimental studies at Oak Ridge National Laboratory’s Holifield Radioactive Ion Beam Facility (HRIBF). The Center focuses on experimental studies utilizing light ion transfer reactions to provide information on nuclear cross sections. Charged-particle transfer reactions with radioactive ion beams available at the HRIBF is the primary tool utilized. New techniques, detectors, and beams are being developed which will enable the measurements of properties of nuclei inaccessible by current techniques.

One position is open immediately and the successful candidates will become part of the team of scientists using light-ion transfer reactions to study properties of neutron-rich nuclei of interest to both nuclear structure and astrophysics. As part of these activities, a new array of silicon detectors is being constructed and commissioned for these experiments.

The successful candidate would be a key member of a team formed by Professor Cizewski, Rutgers University and researchers from the U.S. universities in the UNIRIB consortium, and the HRIBF. This position provides an excellent opportunity for an early career scientist to develop a research program as part of a new Center of Excellence. The candidate will be stationed full time at HRIBF, Oak Ridge National Laboratory, Oak Ridge, Tennessee.

Application materials can be downloaded from [http://www.orau.gov/orise/edu/needs/unirib.htm](http://www.orau.gov/orise/edu/needs/unirib.htm)

A complete application file includes: a completed application form, résumé, publication list, three references, and written verification of doctoral degree award. These materials may be submitted electronically to helds@orau.gov or by fax to (865) 576-0287, or mailed to: UNIRIB Stewardship Science Program, Oak Ridge Institute for Science and Education, Science and Engineering Education Unit, MS 36, 1299 Bethel Valley Rd., Oak Ridge, Tennessee 37830, attn: Sam Held. Applications will be evaluated on a continuing basis and competitive salaries and benefits are offered. Please reference the position title and number (UNIRIB-03-02) when corresponding about this position.

Questions concerning the positions should be directed to either:

Professor Jolie A. Cizewski:  (cizewski@physics.rutgers.edu)
Dr. H. K. Carter          (carterk@orau.gov)

These appointments are offered through the UNIRIB Stewardship Science Program and are administered by the Oak Ridge Institute for Science in Education (ORISE). The program is open to all qualified U.S. and non-U.S. citizens without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.