

Postdoctoral Opportunity in Experimental Nuclear Structure, Reactions and Astrophysics

The low energy nuclear physics experimental group at Rutgers University has an immediate opening for a postdoctoral position. The successful candidate would work under the supervision of Professor Jolie Cizewski who has been leading efforts to use radioactive ion beams at U.S. accelerator facilities to measure nuclear reactions to inform nuclear structure and the synthesis of nuclei in the cosmos. She collaborates closely with scientists at Oak Ridge National Laboratory and the University of Tennessee-Knoxville.

The successful candidate will become part of the team of scientists using transfer reactions to study properties of unstable nuclei of interest to both nuclear structure and astrophysics and would be expected to contribute to efforts to develop new hardware and/or software techniques and detector. Rutgers led the development of the ORRUBA array of position-sensitive silicon-strip detectors that is being coupled to arrays of gamma-ray detectors, including Gammasphere, GRETINA and the newly commissioned HAGRiD array of scintillator detectors. The research activities of Professor Cizewski's team are currently focused in Oak Ridge, Tennessee. Experimental measurements are performed at stable and radioactive ion beam facilities including at Michigan State University and Argonne National Laboratory.

This position provides an excellent opportunity for an early career scientist to develop an independent research program as part of an established user group. Applications will be reviewed as of September 1, 2018 and until the position is filled. Interested candidates should submit their curriculum vitae including bibliography of publications. A signed cover letter that includes a statement of accomplishments and interests is required. The candidates should also arrange for three reference letters to be sent to

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To apply go to <https://jobs.rutgers.edu/postings/72343>