

**POST-DOCTORAL RESEARCH ASSOCIATE**  
**# 17-043**

The Old Dominion University Experimental Nuclear Physics group is seeking a postdoctoral associate to support our experimental program at the nearby Thomas Jefferson National Accelerator Facility (Jefferson Lab). The group (consisting of professors M. Amarian, S. Bueltmann, G. Dodge, C. Hyde, S. Kuhn, and L. Weinstein plus 3 postdocs, 8 graduate students and Jefferson Lab affiliates) is one of the largest research groups at Jefferson Lab. We are leading several experiments with the newly upgraded 12 GeV beam at the lab, including investigations of nucleon structure, nucleon-nucleon correlations in nuclei, hadron spectroscopy and searches for new physics. We are also developing and building detectors and targets for these experiments and are working towards the realization of a future electron-ion collider. We are in particular looking for candidates with extensive experience in the area of detector development, to help us prepare the “BONuS12” experiment with Jefferson Lab’s CLAS12. For more information, see <http://www.odu.edu/physics/research>.

Candidates must possess a Ph.D. in experimental nuclear or particle physics or closely related field (completed by end 2017) and a minimum of three (3) years of experience working on nuclear/high energy physics experiments. Experience with GEANT, ROOT and other scientific software preferred. Additionally, experience with electron scattering experiments and detector development is desired. **To apply**, submit a letter of application, and curriculum vitae to ODU Research Foundation at <http://www.researchfoundation.odu.edu/>. Click on the employment tab and follow the link for the Physics Department position # **17-043**. Please have three letters of reference sent directly to [rharper@odu.edu](mailto:rharper@odu.edu). Screening of applicants will commence immediately and continue until the position is filled.

**AA/EOE/M/F/D/V/DFW**