

**\*\*\*Mock job advertisement\*\*\***

**Postdoctoral research associate at Old Dominion University  
Theoretical Nuclear Physics**

The Department of Physics at Old Dominion University invites applications for a postdoctoral research associate position in theoretical nuclear physics beginning in Fall 2016. The successful applicant will work with one of the members of ODU Nuclear Theory Group (Profs. I. Balitsky, A. V. Radyushkin, R. Schiavilla, J. W. Van Orden, R. Briceno, T. Rogers), and their colleagues at Thomas Jefferson National Accelerator Facility on a program of studies in one of the following areas of theoretical nuclear physics: (i) study of perturbative and nonperturbative aspects of interactions described by quantum chromodynamics (QCD), including lattice QCD and effective theories; (ii) application of perturbative or QCD to processes included in the physics program of Jefferson Lab and future EIC collider; (iii) strong and electroweak interaction processes in nuclei; (iv) application of relativistic models and wave equations to electron scattering from the deuteron and triton, and to constituent quark models of mesons.

The applicant must have a PhD or equivalent in theoretical nuclear or high-energy physics and should have PhD experience in one of the areas of theoretical nuclear physics listed above.