

## POST-DOCTORAL POSITION IN NUCLEAR THEORY AT OHIO UNIVERSITY

The Nuclear Theory Group at Ohio University anticipates hiring a post-doctoral research associate to take up a position starting in the Fall of 2021. Applicants must have a Ph.D. in physics (or anticipate having a Ph.D. in hand by September 2021). The research interests of the group cover a broad range of topics. These include nuclear and electromagnetic reactions in light systems, as well as reactions involving nuclei near the neutron- and proton-drip lines with particular emphasis on halo nuclei and direct reactions. Research topics in nuclear astrophysics include core-collapse supernovae, the structure and evolution of young and old neutron stars, binary mergers of compact objects, and the interpretation of signals from multi-messenger astronomy. We attack these problems using a variety of forefront techniques including effective field theory, Faddeev techniques, Bayesian uncertainty quantification, and many-body theory at zero and finite-temperature. Preference will be given to expertise in nuclear astrophysics, but we expect the successful candidate to contribute to the efforts of the group as a whole. Thus applicants should have a strong research record and display significant initiative to complement their research skills. The appointment will initially be for one year. Renewal for a second year is highly probable, but is contingent on funding and job performance.

Interested candidates are requested to submit a curriculum vitae, and a statement of research interests which should include a complete list of publications to:

<https://www.ohiouniversityjobs.com/35456>

Only submissions via this method will be accepted. When you submit your application you will be asked to provide the names of three people willing to write a reference letter on your behalf. Those individuals will then be contacted by email and asked to upload a letter to our system.

Questions about the position should be addressed to Prof. Charlotte Elster, [elster@ohio.edu](mailto:elster@ohio.edu). Review of applications will begin December 10, 2020.

Ohio University is committed to creating a respectful and inclusive educational and workplace environment. Ohio University is an equal access/equal opportunity and affirmative action employer with a strong commitment to building and maintaining a diverse workforce. Women, persons of color, persons with disabilities, and veterans are encouraged to apply.