



*The* UNIVERSITY *of* OKLAHOMA

## **Postdoctoral Research Associate**

### **ATLAS Experiment**

The experimental high-energy physics group at the University of Oklahoma invites applications for a Postdoctoral Research Associate position on the ATLAS experiment at the LHC. The analysis activities of the group are currently focused on studies of the Higgs boson and top quark, as well as searches for BSM and extended Higgs sectors. The group has extensive experience in silicon strip and pixel detector technology and will be participating in the Phase II upgrade of the ATLAS pixel detector. In addition, the university hosts one of the ATLAS tier 2 computing centers.

The successful applicant is expected to contribute to physics analysis as well as contribute to the Phase II pixel detector upgrade and/or detector operations. The initial appointment will be for 3 years, renewable to a total of 5 years, contingent on satisfactory performance and continued availability of funds.

Qualified applicants in all areas of experimental high-energy physics are encouraged to apply, though preference will be given to those with experience on ATLAS or CMS. Applicants must hold a Ph.D. in experimental high-energy physics at the time of appointment. Applications, consisting of a cover letter, CV, list of publications, and statement of research should be submitted electronically (as a single pdf file) to [abbott@ou.edu](mailto:abbott@ou.edu), with the subject "Postdoc position: ATLAS experiment." Applicants should also arrange to have 3 letters of reference sent on their behalf directly to the same address. To receive full consideration, applications should be submitted by May 15, 2023. Review of applications will continue until the position is filled.

The University of Oklahoma is an Equal Opportunity Employer. Protected veterans and individuals with disabilities are encouraged to apply.