

## **Faculty Position in Experimental Atomic, Molecular, and Optical Physics at the University of Oklahoma**

The Homer L. Dodge Department of Physics and Astronomy at the University of Oklahoma (OU) invites applications for a tenure-track Assistant Professor or Associate/Full Professor in experimental quantum physics with a research focus on Atomic, Molecular, and Optical (AMO) physics. This hire is part of an initiative in fundamental research to enable quantum technology centered around the recently established Center for Quantum Research and Technology (CQRT). The CQRT (<https://ou.edu/cqrt>) is hosted in a new state-of-the-art physics building with 18,000 square feet of laboratory space that meets NIST-A specifications on vibrations, temperature, humidity, and electromagnetic interference. Campus resources include cleanroom facilities and supercomputer access.

Applicants should have earned a Ph.D. in physics or a related field and have post Ph.D. experience. Successful candidates are expected to teach effectively at both the undergraduate and graduate levels (one class per semester), maintain an outstanding record of original published research, and develop an internationally recognized, externally funded research program that complements and expands existing research efforts at OU on ultracold atoms, molecules, and gases; microelectronic, photonic, and quantum devices; quantum optics; precision spectroscopy; quantum information and entanglement; scanning probe microscopy; quantum, topological, and strongly-correlated materials. The department is interested in candidates who have demonstrated excellence in teaching, research, or service toward building an equitable and diverse scholarly environment.

Applications consisting of a cover letter, CV (including list of publications), statement of research interests, statement of teaching interests, and a diversity and inclusion statement should be uploaded directly to <http://apply.interfolio.com/95041>. Applicants should arrange for the submission of three letters of reference through Interfolio. Screening of applications will begin November 12, 2021. This position will remain open until filled. Exceptional candidates will be considered for an endowed Chair position. Please contact Alberto Marino ([marino@ou.edu](mailto:marino@ou.edu)) if you have questions regarding this position.

OU is a Carnegie-R1 comprehensive public research university known for excellence in teaching, research, and community engagement, serving the educational, cultural, economic and health-care needs of the state, region, and nation. Additional Information can be found at the following links:

<https://ou.edu/cas/physics-astronomy>

<http://www.ou.edu/content/dam/provost/documents/facultyflipbook.pdf>

The University of Oklahoma is an Affirmative Action/Equal Opportunity Employer. Protected veterans and persons with disabilities are encouraged to apply.