

**RESEARCH SEISMOLOGIST
OKLAHOMA GEOLOGICAL SURVEY
MEWBOURNE COLLEGE OF EARTH & ENERGY
UNIVERSITY OF OKLAHOMA**

The University of Oklahoma invites applications for a position as a Research Seismologist. The Oklahoma Geological Survey (OGS) operates a statewide seismic network that will be significantly upgraded as EarthScope's USArray migrates across the state by "adopting" at least 5 new broadband stations and conducts research on earthquakes and associated hazards in the Central U. S. and also conducts basic and applied research on the structure and evolution. As part of the Mewbourne College of Earth and Energy, many collaborations are possible with ~10 geophysics faculty and researchers as well as many students.

The ideal candidate would have a demonstrated research and publication record and an interest instrumental seismology and field studies. The Mewbourne College of Earth & Energy possesses extensive commercial software and computing labs that rival those found in independent oil companies. The college hosts two industrial consortia (one on seismic attributes, another in rock physics). The geophysics group in the College has active research efforts on several continents that are funded by NSF, industry, and foreign national institutes. The College maintains a pool of modern, near-surface exploration systems including GPR, seismic, magnetic, and gravity instruments as well as extensive rock physics characterization laboratories. Data analyses are conducted on modern PC and Linux platforms networked to our own Beowulf cluster and to the OU supercomputer center (OSCER). Through collaboration with industry, we have a suite of 3D seismic data volumes that are used for teaching, algorithm calibration, seismic geomorphological analysis, and crustal imaging. We also have a full range of open source software to analyze a variety of data for lithospheric-scale research, and a new faculty member arriving in the fall will be acquiring ~10 portable broad-band instruments in part through OGS support. Additional information about the College, its facilities and the entities that it houses can be found at <http://cee.ou.edu>. A Ph.D. degree is desired for this position, but exceptionally qualified M.S. candidates would be considered. *Salary and benefits will be competitive and commensurate with experience and future potential.*

Review of candidates will begin May 1, 2009 and continue until the position is filled. The anticipated starting date is August 1, 2009. Applicants are requested to submit a complete vita/resume, statement of research interests, and a list of five references who can be contacted, including names, phone numbers, e-mail addresses, and complete mailing addresses. Questions or requests for additional information may be addressed to G. Randy Keller at (405) 325-7968, or grkeller@ou.edu. Applications and nominations should be addressed to G. Randy Keller, University of Oklahoma, Oklahoma Geological Survey, 100 E. Boyd Street, Suite N131, Norman, OK. 73019-1008. Interested applicants must have an OU application on file and can go to ou.edu/hr and fill out one on-line. <https://jobs.ou.edu/applicants/jsp/shared/frameset/frameset.jsp?time=1238602765275>.

The University of Oklahoma is an Affirmative Action, Equal Opportunity Employer. Women and Minorities are encouraged to apply.