

ASSISTANT PROFESSOR IN GEOPHYSICS
CONOCOPHILLIPS SCHOOL OF GEOLOGY AND GEOPHYSICS
MEWBOURNE COLLEGE OF EARTH & ENERGY
UNIVERSITY OF OKLAHOMA

The University of Oklahoma invites applications for a position in Geophysics at the Assistant Professor level. Departmental interests range from the deep lithosphere, through hydrocarbon exploration, to near surface seismic imaging and interpretation. The ideal candidate would be able to supervise students at several scales of investigation.

The ideal candidate would have a demonstrated research record and an interest in teaching and student mentoring in both lithospheric seismology and exploration geophysics. Salary and benefits will be competitive and commensurate with experience. 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), a research institute focused on passive seismic monitoring, and conducts field courses in both geology and geophysics. The geophysics group 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. 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 required for this position. Salary and benefits will be competitive and commensurate with experience and future potential.

Review of candidates will begin September 1, 2008 and continue until the position is filled. The anticipated starting date is January 1 or August 1, 2009. Applicants are requested to submit a complete vita/resume, statement of research and teaching 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 Chair of the Geophysics Search Committee, at (405) 325-3253, or delmore@ou.edu. Applications and nominations should be addressed to Geophysics Search Committee, University of Oklahoma, Sarkeys Energy Center, 100 E. Boyd Street, Room 810, Norman, OK. 73019-1008.

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