



MEWBOURNE COLLEGE OF EARTH AND ENERGY
SCHOOL OF GEOSCIENCES
The UNIVERSITY of OKLAHOMA

Assistant Professor Structural Geology / Tectonics

Location

Norman, Ok.

Open Date

Aug. 24, 2021

Description

The School of Geosciences at the University of Oklahoma (OU) invites applications for a tenure-track position in Structural Geology / Tectonics at the rank of Assistant Professor. The position will contribute to and expand upon existing interdisciplinary strengths in the department via the study of the 3D architecture and evolution of Earth's surface/crust, associated deformation and deformation processes, and potential use-inspired research. The candidate must hold a Ph.D. in a related field at the time of appointment and exhibit strong research potential. The candidate is expected to establish an innovative, independent, and externally funded research program, build collaborations within and outside the School, and work with colleagues and students toward OU's Diversity, Equity, and Inclusion goals. The candidate must have a demonstrated interest in teaching both undergraduate and graduate courses and mentoring graduate students. Example courses include, but are not limited to, Tectonic Geomorphology, Faulted & Fractured Reservoirs and Subsurface Fluid Storage, Advanced Structural Geology, Geodynamics, and Tectonics & Climate. Salary and start-up funds will be commensurate with experience.

We are looking for a broad-minded colleague whose skills and interests will complement and build upon existing areas of research within the department. The research area is open but can include topics such as field-based studies, landscape evolution and tectonic geomorphology, geologic hazards, the structure and long-term stability of subsurface reservoirs, and tectonics and the carbon cycle. The School of Geosciences, part of the Mewbourne College of Earth and Energy, has a large, vibrant faculty with a broad range of research activities in energy geosciences, paleoclimate and environmental geology, geochemistry, seismicity and earth structure, among others. Current departmental emphases include induced seismicity, fluid-mineral-organic matter interactions, and subsurface reservoir characterization and monitoring. The position supports college initiatives and research priorities in energy geosciences, seismicity, and water. The

position also integrates into university-wide major research initiatives in energy, environmental sustainability, and computer/data science.

Information about School of Geoscience research and teaching facilities can be found at <http://www.ou.edu/mcee/geosciences/Research>. Additional resources include [the Samuel Roberts Noble Microscopy Center](#), [Bartell Field Camp](#), [Kessler Field Station](#), and the [OU Super Computing Center for Education and Research](#).

The University of Oklahoma is committed to achieving a diverse, equitable, and inclusive university community by embracing each person's unique contributions, background, and perspectives. The University of Oklahoma recognizes that fostering an inclusive environment for all, with particular attention to the needs of historically marginalized populations, is vital to the pursuit of excellence in all aspects of our institutional mission. This enhances the OU experience for all students, faculty, and staff and for the communities we engage.

The University of Oklahoma is a Carnegie-R1 comprehensive public research university known for excellence in teaching, research, and community engagement, serving the educational, cultural, economic, and healthcare needs of the state, region, and nation from three campuses: Norman, Health Sciences Center in Oklahoma City, and the Schusterman Center in Tulsa. OU enrolls over 30,000 students and has more than 2700 full-time faculty members in 21 colleges. In Fall 2019, approximately 23% of OU's freshmen were first-generation college students, 33% of all students belonged to a minority race/ethnicity group, and 6% were international.

Norman is a culturally rich and vibrant town located just outside Oklahoma City. With outstanding schools, amenities, and a low cost of living, Norman is a perennial contender on the "Best Places to Live" rankings. Visit <https://www.ou.edu/facultyrecruitment> for more information.

The University of Oklahoma is an Affirmative Action, Equal Opportunity Employer. Individuals from underrepresented groups are encouraged to apply.

Qualifications

The candidate must hold a Ph.D. in a related field at the time of appointment and exhibit strong research potential. Further, the candidate must have a demonstrated interest in teaching both undergraduate and graduate courses, mentoring graduate students, and a dedication to the diversity, equity, and inclusion goals of the University of Oklahoma.

Application Instructions

Applications should be submitted online via ByCommittee at:

<https://apply.interfolio.com/92921>

Review of applications will begin December 1st, 2021, and the search will continue until the position is filled. The anticipated starting date is August 2022.

Applicants are requested to submit the following documents (1-3 pages each): 1) a cover letter describing your interests in, and qualifications for, the position; 2) your current CV including contact information for three references; 3) a teaching statement briefly describing your past instructional and mentorship experiences, your pedagogical philosophy, your plans/goals for both teaching at OU (including existing and proposed courses) and advising a diverse cohort of undergraduate and graduate students; 4) a diversity statement describing your knowledge of and/or experience addressing diversity, equity, and inclusion issues in the geosciences and an outline of plans for contributing to diversity, equity, and inclusion efforts through research, teaching, and service; 5) a research statement describing your research focus, methods, and future trajectory. Questions, information requests, and nominations should be addressed to Dr. Brett M. Carpenter, Chair of Structural Geology / Tectonics Search Committee, University of Oklahoma, Sarkeys Energy Center, 100 E. Boyd Street, Room 710, Norman, OK 73019 or geosciences@ou.edu.

Equal Employment Opportunity Statement

The University of Oklahoma, in compliance with all applicable federal and state laws and regulations does not discriminate on the basis of race, color, national origin, sex, sexual orientation, genetic information, gender identity, gender expression, age, religion, disability, political beliefs, or status as a veteran in any of its policies, practices, or procedures. This includes, but is not limited to: admissions, employment, financial aid, housing, services in educational programs or activities, or health care services that the University operates or provides.