



Assistant/Associate Professor Position in Catalysis

The Department of Chemistry at the University of North Texas (UNT) invites applications for a tenure-track faculty position in chemical catalysis. The position is open to applicants at the rank of either Assistant or Associate Professor and has an expected start date of September 1, 2025.



We are seeking individuals who have a record of research accomplishment and compelling ideas for building an independent research program in catalysis, with a strong preference for the broad area of experimental heterogeneous catalysis. This may encompass surface science, electrocatalysis, operando studies of catalysis, biocatalysis, or other topical research areas in fundamental and applied catalysis science. Candidates whose research complements or builds upon existing strengths in the department are especially encouraged to apply. The selected individual will interact with faculty, staff and students within the Chemistry department and in other disciplines, contributing to a strong tradition of interdisciplinary and collaborative research at UNT. Development of a nationally and internationally visible, externally-funded research program is expected. The new faculty member will have access to substantial research support infrastructure in the Chemistry Department, including staffed NMR, X-ray diffraction, and high-performance computing facilities; a stockroom; and a shared instrumentation laboratory that houses a suite of equipment for chromatographic, spectroscopic, mass spectrometric, gravimetric, and microscopic analysis of samples.

The University of North Texas (UNT) is a Carnegie R1 research university and a federally designated Hispanic-Serving Institution and Minority-Serving Institution with over 45,000 students. UNT is located in Denton, [a cultural hot spot](#) on the northern edge of the Dallas-Fort Worth Metroplex, [one of the fastest growing metropolitan areas in the country](#). The [UNT Chemistry Department](#) is currently in a growth phase, with plans to hire up to five additional tenure-track faculty members in the next few years. Our department has a strong culture of interdisciplinary research collaboration, with specific strengths in materials chemistry, computational chemistry, and catalysis. New faculty have opportunities to contribute to these areas, as well as interfacing with growing cross-departmental institutes focused on [multidisciplinary materials research](#) and [chemical biology](#).

Applicants should submit materials by visiting <https://careers.untsystem.edu> and searching on Posting Number 509909, or by [following this link](#). **Minimum Qualifications:** A Ph.D. in Chemistry, Chemical Engineering, or a closely related field, and a record of peer-reviewed publications in chemistry or related fields; postdoctoral experience preferred. A cover letter, curriculum vitae, a research proposal, and a statement of teaching philosophy are requested. In addition, please supply names and contact information for three professional references (UNT will notify applicants before references are contacted). Evaluation of applications will begin on November 15, 2024 and will continue until the position has been filled.

For more information, please visit websites for the UNT College of Science <https://cos.unt.edu/> and the Department of Chemistry <https://chemistry.unt.edu/>.

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