

FACULTY JOB POSTING

CHEMICAL ENGINEERING | TENURED/TENURE-TRACK: OPEN RANK



TEXAS A&M UNIVERSITY

Artie McFerrin Department of
Chemical Engineering



Mary Kay O'Connor
Process Safety Center

Texas A&M Engineering Experiment Station

POSITION DESCRIPTION

The Artie McFerrin Department of Chemical Engineering, College of Engineering at Texas A&M University invites applications for a full-time, tenure-track (Assistant or Associate professor) position with a 9-month, academic appointment, and the possibility of an additional summer appointment contingent upon need and availability of funds, beginning January 2023. The selected candidates will join the Mary O'Connor Process Safety Center (MKOPSC) within the Chemical Engineering department. The holder of this position will carry out research on process safety and risk management focusing data driven models, safety in process system digitalization, and dynamic risk management from a safety perspective. The successful applicant is expected to have demonstrated command on process safety, data modelling and analysis, and process system theory and applications. Scholarship that integrates the disciplines of process safety and system engineering, and that demonstrates high impact is expected.

The Mary Kay O'Connor Process Safety Center (MKOPSC) is the world's foremost university-based Process Safety Center. The Center serves industry, government, academia, and the public. It is a resource in education and research and provides service to all stakeholders. MKOPSC is guided by a Steering Committee of consortium member companies and a Technical Advisory Committee of industry experts. Over the past 20 years, the body of work created by the Center has led to the inarguable recognition as an unbiased science-based organization focused on creating dialogue and consensus on difficult scientific topics, amongst all stakeholders. MKOPSC is an entity of Texas Engineering Experiment Station (TEES) located in Department of Chemical Engineering. More details are available at: psc.tamu.edu/about-the-center.

The Artie McFerrin Department of Chemical Engineering at Texas A&M has a 205,000-ft² facility in the Jack E. Brown Chemical Engineering building, with another 16,000-ft² facility in the Giesecke Engineering Research Building shared with the Texas A&M Energy Institute. The department has 32 full-time tenure/tenure-track faculty; 7 Professors of Practice; 6 lecturers and senior lecturers; 243 graduate students; and over \$37 million in endowments. The department had over \$19M in total research expenditures during FY21. Among public schools, the department was ranked 16th for its graduate program and 10th for its undergraduate program.



QUALIFICATIONS

Applications are welcome from scholars with a strength in, and evidence of work related to process safety. Applicants must have an earned doctorate in chemical engineering, Process Engineering, or an earned doctorate in another field of engineering, with at least one degree in chemical engineering or process engineering.

APPLICATION INSTRUCTIONS

Applicants should submit a cover letter, curriculum vitae, teaching statement, research statement, diversity statement (optional) and a list of four references (including postal addresses, phone numbers and email addresses) by applying for this specific position at apply.interfolio.com/112993. Full consideration will be given to applications received by December 1, 2022. Applications received after that date may be considered until the position is filled. It is anticipated the appointment will begin Fall 2023.

JOB CONTACT:

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Equal Employment Opportunity Statement

Texas A&M University is committed to enriching the learning and working environment for all visitors, students, faculty, and staff by promoting a culture that embraces inclusion, diversity, equity, and accountability. Diverse perspectives, talents, and identities are vital to accomplishing our mission and living our core values. Equal Opportunity/Affirmative Action/Veterans/Disability Employer committed to diversity.