TEXAS TECH UNIVERSITY
Department *of* Chemical Engineering™

# Open Faculty Position

The Department of Chemical Engineering in the Whitacre College of Engineering at Texas Tech University invites applications for a full-time, 9-month Associate Professor position to begin Fall 2025. This position is part of a strategic initiative directed toward agricultural and biological systems engineering science and research. Therefore, there is a strong preference for candidates to lead a research program that seamlessly integrates bioprocess engineering with food engineering, focusing on precision fermentation, functional foods, and the enhancement of nutritional profiles through bioengineering techniques. The position will also investigate and develop new bioprocesses specifically tailored for the scalable production of food-grade products using fermentation technology. Successful candidates will be expected to develop nationally and internationally recognized and externally funded research program, form departmental and multidisciplinary collaborations, foster partnerships within and outside Texas Tech University as well as industry. Teaching duties will focus on core courses for the new BS program in Biological Systems Engineering, such as Biotransport, Bioinstrumentation Laboratory, Engineering Applications to Biosystems, or Capstone Design, as well as supporting the graduate and undergraduate programs in chemical engineering. All faculty are expected to engage in strategic outreach activities and perform internal and professional service.

Candidates are sought who share Whitacre College of Engineering's vision of excelling as a global leader in engineering education and research. The college consists of the Departments of Chemical Engineering; Civil, Environmental and Construction Engineering; Computer Science; Electrical & Computer Engineering; Industrial, Manufacturing and Systems Engineering; Mechanical Engineering; and Petroleum Engineering. The Chemical Engineering Department's undergraduate program has a strong emphasis on hands-on training, the highlights of the program include the newly equipped Valero Laboratory for Unit Operations and the Morrow Energy Pilot Plant. The graduate program of the chemical engineering department consists of 87 graduate students. Current research efforts in the department are focused in the areas of bioengineering and nanomedicine, energy and sustainability, soft matter, computational modeling and data science, and electrochemical engineering.

**SCAN TO APPLY**

Applicants should apply at: http://www.texastech.edu/careers/ ; use 40188BR (Associate Professor - Chemical Engineering).

## Please provide:

1. Detailed CV
2. Cover letter
3. Statement of research interests
4. Statement of teaching interests
5. List of at least three references

Applications will be accepted until:
**March 25, 2025**.

*All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information or status as a protected veteran.*