

The Artie McFerrin Department of Chemical Engineering Texas A&M University

The Artie McFerrin Department of Chemical Engineering at Texas A&M University invites applications for multiple tenured or tenure-track faculty positions at the assistant, associate, or professor level with expertise in multi-scale systems engineering for energy and the environment; molecular and bio-systems engineering including computational biology, e.g. De Novo protein design and protein structure prediction; modeling and optimization including global optimization methods, and supply chain and operations management; model-based control and advanced algorithms. For associate professor and professor positions, candidates with proven and sustained funding records and exceptional academic credentials are encouraged to apply. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to teach and mentor undergraduate and graduate students; participate in all aspects of the department's activities; and serve the profession. Strong written and verbal communication skills are required. Applicants should consult the department's website to review our academic and research programs (<http://engineering.tamu.edu/chemical>).

The department has a 205,000-ft² facility, with another 16,000-ft² facility to be available within a year. The department has 28 full-time tenure/tenure-track faculty; 7 lecturers; 150 graduate students; and over \$27 million in endowments. In FY2014, the department was awarded over \$9.4M of new research grants. In the 2014 US News and World Report ranking of the undergraduate programs, the Artie McFerrin Department of Chemical Engineering at Texas A & M University was ranked 11th among the public schools.

Texas A&M is located in the twin cities of Bryan and College Station, with a population of more than 175,000, and is conveniently located in a triangle formed by Dallas, Houston and Austin. Texas A&M has more than 50,000 graduate and undergraduate students enrolled. Research expenditures at Texas A&M total more than \$820 million annually, ranking in the top tier of universities nationwide. With an endowment valued at more than \$5 billion, the university ranks fourth among U.S. public universities and 10th overall. With 380 tenured/tenure-track faculty members and more than 12,000 students, the Dwight Look College of Engineering is one of the largest engineering schools in the country. The college is ranked seventh in graduate studies and eighth in undergraduate programs among public institutions by *U.S. News & World Report*, with seven of the college's 13 departments ranked in the Top 10. The Look College is ranked second in research expenditures by the American Society for Engineering Education.

Candidates applying for these positions must have a PhD, with at least one degree (BS or PhD) in chemical engineering or a closely related field.

Applicants should submit a cover letter, curriculum vitae (including current research funding if appropriate), teaching statement, research statement, and a list of five references (including postal addresses, phone numbers and email addresses) by applying for this specific position at www.tamengineeringjobs.com. Full consideration will be given to applications received by November 1, 2014. Applications received after that date may be considered until positions are filled. It is anticipated the appointment will begin in spring 2015.

The members of Texas A&M Engineering are all Affirmative Action/Equal Employment Opportunity Employers. It is the policy of these members in all aspects of operations each person shall be considered solely on the basis of qualifications, without regard to race, color, sex, religion, national origin, age, disabilities or veteran status.