The Department of Chemical Engineering at Texas Tech University invites applications for a tenure track position at the assistant professor level. The position has been identified in the area of Engineering of Living Systems; however outstanding candidates in all fields of Chemical Engineering are invited to apply. Applicants must have a Ph.D. degree in Chemical Engineering or a closely related field. Candidates with expertise in research areas such as bioprocess engineering (bioreaction engineering and bioseparations), cellular engineering, biomedical engineering, and metabolic engineering are especially encouraged to apply. The Department has $2.5 million in annual research expenditures, in four focus areas: Bioengineering and Biotechnology; Polymers, Material Science, and Rheology; Process Control and Optimization; and Computational Methods in Chemical Engineering. The College of Engineering has nearly 3000 undergraduate students and nearly 600 graduate students, with a faculty of over 125 members in eight departments. The research environment at Texas Tech features opportunities to collaborate with other engineering disciplines, a strong Department of Biological Sciences, and a new $37 million Experimental Sciences Building (ESB) to host interdisciplnary research. The ESB houses core facilities for Biotechnology and Genomics, Imaging and Bioinformatics, as well as Plant Growth Chambers, and an animal care facility. The TTU Health Sciences Center, adjacent to the TTU general academic campus, likewise offers collaborative opportunities for biomedical research. Successful candidates will be expected to develop an independent research program, to teach existing graduate and undergraduate courses in chemical and biotechnology, and to develop new courses. Applicants should send a detailed CV, a statement of research and teaching interests, and the names and addresses of at least three references to Chair, Search Committee, Department of Chemical Engineering, Texas Tech University, Box 43121, Lubbock, TX 79449-3121. Review of applications will begin on December 1, 2004, and applications will be accepted until the position is filled. Candidates must be currently eligible to work in the United States. Texas Tech University is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.