



### **Position Title**

Department Head of Biomedical Engineering

### **Department**

Biomedical Engineering

### **Department Overview**

Committed to solving the world's greatest health problems through the exploration of new ideas, integrated research and innovation, the Department of Biomedical Engineering at Texas A&M University is producing the next generation of biomedical engineers, developing new technologies and new jobs, and achieving revolutionary advancements for the future of health care. With its 20 core tenured and tenure-track faculty members, 24 jointly appointed tenured and tenure-track faculty members, three professors of practice, and one professor emeritus, the departmental faculty are internationally recognized for their research efforts and translational and entrepreneurial focus. The faculty are highly interdisciplinary, and their expertise spans from basic, to applied, to translational, to clinical research. The faculty not only conduct innovative research contributing to the global knowledge base, but a unique aspect to our research portfolio is our emphasis and success in entrepreneurial activities resulting in new patents, new companies and new economic activity. With increasing demands for quality medical devices, procedures and improved cost-effectiveness, the department is positioned to lead the way in the development, testing and commercialization of products, systems and technologies. Our multi and interdisciplinary research spans across the areas of biomaterials & tissue engineering, bioinstrumentation & bioimaging, biomolecular & cellular engineering, biomechanics and other biomedical engineering fields. In particular, faculty are engaged in innovative collaborative relationships that span engineering, physical and natural sciences, medicine and veterinary sciences.

The faculty, staff, and students within the Department of Biomedical Engineering at Texas A&M University strive for a synergistic and inclusive environment. The department offers B.S., M.S., Ph.D. and M.D./Ph.D. degrees in biomedical engineering with a dual masters degree in partnership with the Mays Business School. The department has over 120 graduate and 420 undergraduate students with 100% of Ph.D. students funded via assistantships, university fellowships, external grants, and highly competitive and diversity-based fellowships from federal agencies. In the most recent U.S. News & World Report rankings, its graduate program ranks 19<sup>th</sup> among public institutions. Its undergraduate program has held ABET accreditation since 1977.

### **Job Summary**

The Department of Biomedical Engineering at Texas A&M University is seeking an innovative, visionary, community-oriented leader, with strong communication skills and a clear vision for inclusive practices to serve as department head for a top engineering program in the country. We seek candidates with notable accomplishments and experience in research, inspiring academic or industry leadership, and excellent teaching and scholarship, who are interested in enhancing the research and educational missions of the department. Specific duties and responsibilities include: 1) providing intellectual and community leadership of the faculty, staff and students for synergistic academic, research, extension and service programs; 2) managing and coordinating the department's human and fiscal resources; 3) serving as liaison for the department to the College of Engineering and the University System; 4) representing the department to state and federal agencies, private organizations, partners and collaborators, and key industry groups; and 5) providing leadership for continued acquisition of internal and external resources. Applicants are invited to consult the department's website to review our academic and research programs ([engineering.tamu.edu/biomedical](http://engineering.tamu.edu/biomedical)) of our world renowned faculty and researchers.

### **Required Education and Experience**

An earned doctorate in biomedical engineering or a closely related engineering or science discipline. Candidates should possess proven leadership and administrative skills, and an established reputation as a scholar consistent with an appointment to the rank of professor of biomedical engineering with tenure.

### **Texas A&M – College of Engineering**

The College of Engineering — through its affiliation with the Texas A&M Engineering Experiment Station (TEES) and with partnerships with industry and other institutions of higher education — is committed to helping keep our country competitive by conducting practical research to address world problems.

Texas A&M University is located in the twin cities of Bryan and College Station, TX, with a population of more than 255,500, and is conveniently located in a triangle formed by Dallas, Houston and Austin. Texas A&M has more than 64,000 graduate and undergraduate students enrolled. Research expenditures at Texas A&M total more than \$ 866 million annually, ranking in the top tier of universities nationwide. With an endowment valued at more than \$ 9.7 billion, the university ranks second among U.S. public universities and eighth overall. Texas A&M is aware that attracting and retaining exceptional faculty often depends on meeting the needs of two careers and having policies that contribute to work-life balance. For more information we invite you to visit <http://dof.tamu.edu/Faculty-Resources/CURRENT-FACULTY/Faculty-Work-Life>. With over 600 faculty members and more than 16,000 students, the 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 14 departments ranked in the Top 10. The college is also ranked 3<sup>rd</sup> in research expenditures by the American Society for Engineering Education.

### **Other Requirements**

Submit a cover letter, curriculum vitae, teaching statement, research statement, and a list of five references (including postal addresses, phone numbers and email addresses) at

<http://www.tamengineeringjobs.com/postings/7611>. Applicants should also submit a two-page statement summarizing his/her personal vision and goals for the Department of Biomedical Engineering's education and research, as well as his/her philosophy of academic leadership for achieving those goals. Full consideration will be given to applications received by February 1, 2018. Applications received after that date may be considered until the position is filled. It is anticipated the appointment will begin fall 2018.

### **EEOC Statement**

The members of Texas A&M Engineering are all Equal Opportunity/Affirmative/Action/Veterans/Disability employers committed to diversity. It is the policy of these members to recruit, hire, train and promote without regard to race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation or gender identity.