

## Assistant Professor - Bioengineering

### Posting Details

<b>Posting Number</b>	F00396P
<b>Position Title</b>	Assistant Professor - Bioengineering
<b>Functional Title</b>	Assistant Professor
<b>Department</b>	Bioengineering
<b>Salary Range</b>	Negotiable
<b>Pay Basis</b>	Monthly
<b>Position Status</b>	Regular full-time
<b>Location</b>	Richardson
<b>Position End Date (if temporary)</b>	
<b>Posting Open Date</b>	
<b>Posting Close Date</b>	01/31/2021
<b>Open Until Filled</b>	No
<b>Desired Start Date</b>	08/01/2021
<b>Job Summary</b>	<p>The Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for two Assistant Professor positions in Bioengineering and/or Biomedical Engineering. Candidates from related disciplines, such as Electrical Engineering, Mechanical Engineering, Computer Science, Materials Science, Physics, or Mathematics, whose research is relevant to Bio/Biomedical Engineering, may be considered. Candidates must have a PhD or equivalent and demonstrate the potential for excellence in research, teaching, and service. Of particular interest are candidates whose research interests include (1) Biomechanics/Rehabilitation Engineering (specifically Orthotics, Prosthetics, and Robotics), (2) Flexible Bioelectronics (Neural Engineering), (3) Biomaterials, and (4) Systems Biology. Strong candidates with interests and expertise in related fields will also be considered. All candidates are expected to work effectively in a highly collaborative environment to build a world-class department and university. All positions commence Fall 2021.</p> <p>The Department of Bioengineering at UT Dallas celebrates its 10 year anniversary in 2020. According to US News and World Report, the Department is the #3 Bioengineering/Biomedical Engineering program in Texas. The department offers BS, MS, and PhD degrees in Biomedical Engineering. The Bioengineering Department ranked #1 for the percentage of MS degree awarded to female students and the 3rd largest undergraduate program in the US according to ASEE. The close proximity to the UT Southwestern Medical Center at Dallas and our joint graduate program offers outstanding opportunities for collaborative research.</p> <p>UT Dallas is situated in Richardson, TX, one of the most attractive suburbs in the Dallas metropolitan area. The University sits in close proximity to the telecom corridor, home to several hundred high-technology companies that provide opportunities for joint university-industry collaborations.</p> <p>Applicants should submit a letter of interest; current curriculum vitae that includes a complete publication list; research statement; teaching statement; teaching evaluations (if available) and writing sample. Four letters of recommendation are also required.</p> <p>Review of applications will begin immediately and continue until January 31, 2021. All recommendation letters are due March 1, 2021. The Department seeks a diverse applicant pool.</p> <p>For additional information about the department, please visit our website at <a href="http://be.utdallas.edu">be.utdallas.edu</a>. If you have questions, please contact:</p>

	Betsy Willis, Academic Program Officer Betsy.Willis@utdallas.edu 972-883-4848
<b>Minimum Education and Experience</b>	An earned graduate degree appropriate to the academic discipline and a record of productivity and professional achievement.
<b>Preferred Education and Experience</b>	An earned doctorate in Bioengineering, Biomedical Engineering, or related field with research in Bioengineering/Biomedical Engineering areas. Related fields include Mechanical Engineering, Material Science, Electrical Engineering, Computer Science, Mathematics, or Physics. Research focus in Biomechanics/Rehabilitation Engineering, Flexible Bioelectrics (Neural Engineering), Biomaterials, and Systems Biology is preferred.
<b>Essential Duties and Responsibilities</b>	Demonstrate a commitment to teaching excellence Prepare and teach undergraduate and/or graduate classes Contribute assessment information and data as requested Mentor and/or advise undergraduate and/or graduate students Establish and/or continue an independent line of research Continue to expand professional influence in the academic discipline through research and/or publication Engage in service within the academic unit, the university, and the profession as appropriate based on teaching and research constraints
<b>Physical Activities</b>	
<b>Working Conditions</b>	
<b>Additional Information</b>	
<b>Special Instructions Summary</b>	
<b>Important Message</b>	1) All employees serve as a representative of the University and are expected to display respect, civility, professional courtesy, consideration of others and discretion in all interactions with members of the UT Dallas community and the general public.  2) UT Dallas does not discriminate on the basis of race, color, religion, sex (including pregnancy), sexual orientation, gender identity, gender expression, age, national origin, disability, genetic information, or veteran status in its programs and activities, including in admission and enrollment. For inquiries regarding non-discrimination policies, contact the Director of Institutional Equity at InstitutionalEquity@utdallas.edu or the Title IX Coordinator at TitleIXCoordinator@utdallas.edu, or call 972-883-5331.

## Supplemental Questions

Required fields are indicated with an asterisk (\*).

1. \* How did you learn of this employment opportunity?

- Governmental Agency Job Posting
- University's Job Posting
- Agency Referral
- Advertisement in The Chronicle of Higher Education
- Advertisement in a Journal in my Academic Discipline
- Personal Referral
- Another Website
- Other

2. \* Which of the following most accurately describes your highest earned degree?

- Doctor of Philosophy (PhD)
- Doctor of Education (EdD)
- Other Doctoral Degree (DSci, DAud, MD, etc.)
- Specialist's Degree (EdS)
- Professional Degree
- Juris Doctor

- Master's Degree
- Bachelor's Degree
- Associate's Degree
- Certificate

3. \* In which Academic Discipline is your highest earned degree?

(Open Ended Question)

4. \* How many years of relevant work experience do you have in Higher Education, Industry, or Research?

- None
- One year
- 2-3 years
- 4-5 years
- 6-10 years
- Over 10 years

## Applicant Documents

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### Required Documents

1. Cover Letter/Letter of Application
2. Teaching Philosophy
3. Curriculum Vitae
4. Writing Sample
5. Research Statement

### Optional Documents

1. Unofficial Transcripts
2. Other Document
3. Relevant URL
4. Veteran Employment Preference - Form DD-214
5. Teaching Evaluations

## Assistant Professor of Instruction - Bioengineering/Biomedical Engineering

## Posting Details

<b>Posting Number</b>	F00399P
<b>Position Title</b>	Assistant Professor of Instruction - Bioengineering/Biomedical Engineering
<b>Functional Title</b>	Assistant Professor of Instruction
<b>Department</b>	Bioengineering
<b>Salary Range</b>	Negotiable
<b>Pay Basis</b>	Monthly
<b>Position Status</b>	Regular full-time
<b>Location</b>	Richardson
<b>Position End Date (if temporary)</b>	
<b>Posting Open Date</b>	
<b>Posting Close Date</b>	01/31/2021
<b>Open Until Filled</b>	No
<b>Desired Start Date</b>	
<b>Job Summary</b>	<p>The Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for two Assistant Professor of Instruction positions in Bioengineering and/or Biomedical Engineering, one with a focus on teaching bioinstrumentation courses and one with a focus on teaching biomechanics and anatomy &amp; physiology. The majority of instruction will be at the undergraduate level, but a graduate course may be included. Appointments carry no guarantee or expectation of renewal or tenure. Duties include: (1) Prepare and teach undergraduate and/or graduate level lectures and/or undergraduate labs using existing course materials as a guide and template; (2) Teach a diverse student population; (3) Compile and submit assessment data per departmental procedures; (4) Participate in course and instructor evaluations; (5) May work with one or more TAs; (6) Collaborate with other faculty in the department on course materials and instruction; (7) Other service duties as assigned.</p> <p>The Department of Bioengineering at UT Dallas celebrates its 10 year anniversary in 2020. The department offers BS, MS, and PhD degrees in Biomedical Engineering with a total enrollment over 700 students. UT Dallas is situated in Richardson, TX, one of the most attractive suburbs in the Dallas metropolitan area. The university sits in close proximity to the telecom corridor, home to several hundred high-technology companies.</p> <p>A PhD degree in Biomedical Engineering, Bioengineering, or related field with a biomedical engineering focus is required. At least two years of teaching experience at the college or university level in biomedical engineering or related STEM field. Teaching experience in the areas of bioinstrumentation or biomechanics/anatomy &amp; physiology is preferred. Applicants should upload a letter of interest; curriculum vitae; statement of teaching philosophy/experience; teaching evaluations (if available) and the full contact information for at least three academic or professional references.</p>
<b>Minimum Education and Experience</b>	
<b>Preferred Education and Experience</b>	<p>A PhD degree in Biomedical Engineering, Bioengineering, or related field with a biomedical engineering focus is required. At least two years of teaching experience at the college or university level in biomedical engineering or related STEM field.</p> <p>Teaching experience in the areas of bioinstrumentation or biomechanics/anatomy &amp;</p>

	physiology is preferred.
<b>Essential Duties and Responsibilities</b>	Demonstrate a commitment to teaching excellence Prepare and teach undergraduate and/or graduate classes Contribute assessment information and data as requested Engage in service within the academic unit, the university, and the profession as appropriate based on teaching and research constraints
<b>Physical Activities</b>	
<b>Working Conditions</b>	
<b>Additional Information</b>	
<b>Special Instructions Summary</b>	
<b>Important Message</b>	<p>1) All employees serve as a representative of the University and are expected to display respect, civility, professional courtesy, consideration of others and discretion in all interactions with members of the UT Dallas community and the general public.</p> <p>2) UT Dallas does not discriminate on the basis of race, color, religion, sex (including pregnancy), sexual orientation, gender identity, gender expression, age, national origin, disability, genetic information, or veteran status in its programs and activities, including in admission and enrollment. For inquiries regarding non-discrimination policies, contact the Director of Institutional Equity at <a href="mailto:InstitutionalEquity@utdallas.edu">InstitutionalEquity@utdallas.edu</a> or the Title IX Coordinator at <a href="mailto:TitleIXCoordinator@utdallas.edu">TitleIXCoordinator@utdallas.edu</a>, or call 972-883-5331.</p>

## Supplemental Questions

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