

# **Academic Professional Track (Non-Tenure): Instructional-Open Rank**

## **Texas A&M University: School of Engineering Medicine: Engineering Medicine**

### **Location**

Houston, TX

### **Open Date**

May 03, 2022

### **Description**

The School of Engineering Medicine at Texas A&M University invites applications for a full-time, non-tenure track faculty position at the instructional assistant, associate, or professor level.

EnMed is the School of Engineering Medicine's innovative medical education program, developed in a partnership with the Texas A&M College of Engineering, Texas A&M College of Medicine, and Houston Methodist Hospital, to educate "physicianeers," a new kind of physician who will create transformational technology to solve health care's greatest challenges. The EnMed medical education program offers a blended engineering and medicine curriculum with a focus on innovation and entrepreneurship. EnMed is the nation's only program that allows graduates to receive both the Master of Engineering and Doctor of Medicine degrees in four years. ENMED is located in Houston's Texas Medical Center (TMC).

ENMED's pre-clerkship curriculum utilizes evidence-based and student-centered strategies such as active learning, flipped-classroom, case-based and team-based learning. Candidates will participate in developing and delivering the pre-clerkship curriculum and working with other members of the ENMED faculty to integrate medical training with instruction in applying engineering principles toward advancing medical innovation and improving clinical medicine. Experience in development and/or oversight of a pre-clinical medical school curriculum, with preference for a flipped-classroom, active-learning approach, such as case and/or team-based learning, is preferred. In addition to instructional responsibilities, candidates will be expected to contribute to curricular development and development of innovative instructional methods, and fostering collaboration among the three ENMED partners.

### **Qualifications**

Applicants considered will have experience teaching in the healthcare related curriculum. Candidates must possess either a medical degree or a doctorate in a closely related

discipline. Specific expertise is required in one or more core pre-clerkship curricular topics, including: gross anatomy, pharmacology, integrative physiology, renal/genitourinary, histology, cardiovascular, metabolism/gastrointestinal/nutrition, biostatistics, and integument/musculoskeletal. An engineering background is a plus.

Candidates should demonstrate a commitment to education that is synergistically aligned with the goals of ENMED.

All positions are security sensitive. Applicants are subject to a criminal history investigation, and employment is contingent on verification of credentials and/or other information required information, including the completion of the criminal history check.

### **Application Instructions**

Interested applicants must apply through the Texas A&M University faculty job board hosted by Interfolio at <http://apply.interfolio.com/106419> and upload the following: 1) Cover Letter, 2) Curriculum Vitae, and 3) any other relevant documentation. For further questions about this position, please contact Dr. Leslie Day, [lday@tamu.edu](mailto:lday@tamu.edu).

### **Equal Employment Opportunity Statement**

Texas A&M University is committed to enriching the learning and working environment for all visitors, students, faculty, and staff by promoting a culture that embraces inclusion, diversity, equity, and accountability. Diverse perspectives, talents, and identities are vital to accomplishing our **mission** and living our **core values**.

Equal Opportunity/Affirmative Action/Veterans/Disability Employer committed to diversity.