



Seeking: Tenure/Tenure Track Faculty Member in Soft Matter for Electronics

Applications Due January 31, 2022

The Department of Materials Science and Engineering (MSEN), College of Engineering at Texas A&M University invites applications for an open-rank tenured, or tenure-track faculty position with a projected start date of August 16, 2022.

The successful applicant will have demonstrated excellence in either computational or experimental materials science (or a closely related field) and will build a dynamic and internationally recognized research program in the area of multifunctional materials for use in electronics. This may include the following sub-fields but not limited to: multifunctional soft matter, meta-materials and computational materials science to support the overarching area of intelligent materials for electronics.

Faculty candidates must have an earned doctorate in materials science and engineering or a closely related engineering or science disciplines. Applicants are expected to have multidisciplinary backgrounds across several fields, such as electronic materials and devices, polymers, wearable electronics, simulation, modeling, and artificial intelligence.

Created in 2013, the Department of Materials Science and Engineering at Texas A&M began with five faculty and is now home to 20 faculty members. The department will expand further and targets to have more than 25 tenured and tenure track faculty members in the next few years.

Outstanding facilities to support teaching and research:

- [Zachry Engineering Education Complex](#)
- [Soft Matter Facility](#)
- [Materials Characterization Facility](#)
- [Microscopy and Imaging Center](#)
- [AggieFab Nanofabrication Facility](#)

Apply at: apply.interfolio.com/97542

RANKINGS

#14 Graduate Program
Ranked No. 14 (Public)
(U.S. News & World Report, 2022)

NEWLY RANKED

#13 Undergraduate Program
Ranked No. 13 (Public)
(U.S. News & World Report, 2022)

ENROLLMENT (FALL 2021)

181 Undergraduates

205 Graduates

Faculty Features



Dr. Linda Katehi is a professor in the department and a member of the National Academy of Engineering. She has pioneered the methodology to treat 3-D circuits as radiating elements at discontinuities and interconnects thereby allowing the accurate modeling of cross talk and substrate material effects.



Dr. R. Stanley Williams, professor in the department, has discovered a new nanodevice that acts almost identically to a brain cell. His team has shown synthetic brain cells can be joined together to form intricate networks that can then solve problems in a brain-like manner.



Dr. Svetlana Sukhishvili, professor in the department, has created a whole family of synthetic materials that range from ultra-soft to extremely rigid that are 3D printable, self-healing, recyclable and naturally adhere to each other in air or underwater.

