



TEXAS A&M UNIVERSITY

Department of Materials  
Science and Engineering

## Seeking: Tenured/Tenure Track Faculty Members in Polymers

*Applications Due Oct. 15, 2022*

The Department of Materials Science and Engineering in the College of Engineering at Texas A&M University invites applications for two (2) open-rank tenure or tenure-track faculty positions with a nine-month academic appointment and the possibility of an additional summer appointment contingent upon the need and availability of funds, beginning Aug. 16, 2023.

The successful applicants will specifically focus on polymeric materials and demonstrate excellence in mechanical and nanostructural polymeric material characterization. Faculty candidates must have an earned doctorate in materials science and engineering or a closely related engineering discipline.

As new faculty members in our department, the successful candidates will be integral contributors to growing the discipline of materials science and engineering, driving new research directions and building a distinctive environment of excellence in scholarship, teaching and service.

Created in 2013, the materials science and engineering department at Texas A&M began with five faculty members and is now home to 20.

### 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: <http://apply.interfolio.com/110085>

## RANKINGS

**#17**

Graduate Program  
Ranked No. 17 (Public)  
*U.S. News & World Report, 2023*

## NEWLY RANKED

**#13**

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

## ENROLLMENT (FALL 2021)

**180** Undergraduates

**205** Graduate

## Faculty Features



**Dr. Ned Thomas** is the Erle Nye '59 Chair Professor in the department and a member of the National Academy of Engineering. He is

known for developing novel photonic materials, designing and determining the morphology of block copolymers and developing the Laser Induced Projectile Impact Test method. His group recently discovered a helicoidal-shaped defect in layered polymers, uncovering how solvents can rapidly diffuse through layers and produce color changes.



**Dr. Svetlana Sukhishvili**, a professor in the department, has created a whole family of synthetic materials that range from

ultra-soft to extremely rigid and are 3D-printable, self-healing, recyclable and naturally adherent to each other in air or underwater.



**Dr. Emily Pentzer** is an associate professor in the department and a Presidential Impact Fellow. She has received a 2021 Rising

Star Award by the American Chemical Society's Woman Chemists Committee. She received the honor for her contributions to the field of polymer and materials science, her education of students and her service to the scientific community.

More Information: <https://engineering.tamu.edu/materials/>