

Graduate Program in **MOLECULAR BIOPHYSICS** at **UT Southwestern**



What is Molecular Biophysics?

Molecular Biophysics (MB) seeks to discover the molecular mechanisms of life processes. Labs in our program study signaling, transport, organization, evolution, and more, using an interdisciplinary set of tools including but not limited to structure determination, advanced light microscopy, quantitative biochemistry, and computer simulations.

You do not need to be a physicist! Students from Biology, Biochemistry, Computer Science, and Engineering can and have excelled in MB.

Program highlights

Nationally recognized for excellence - 30+ years of training grant support from the NIH

~40 committed faculty with diverse backgrounds

Supportive and collaborative environment

Rigorous coursework emphasizing modern practice and that is adjusted in response to student feedback

Strong emphasis on critical thinking and communication

Work-in-progress presentations by students (weekly), program hosted seminar series (monthly), symposium with keynote speaker, 100+ attendees (annually).

Why UT Southwestern?

Internationally recognized faculty members

Groundbreaking basic and biomedical research

Culture of collaborative and cross-disciplinary work

Outstanding core facilities that provide access to, and training on, cutting-edge technology

Located in vibrant, something-for-everyone Dallas-Fort Worth metroplex

Competitive stipend, reasonable cost of living

Career outcomes for our graduates

Training in the MB program prepares students to pursue many different career paths. Recent graduates have continued in **academic research** by taking postdoc positions at leading institutions, transitioned to **industrial research** positions in Biotech and Pharma, become **consultants** and/or **venture capitalists**, and more.

More about MB



MB labs, research



Advanced instruments



Virtual campus visit



How to apply

