

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

Biochemistry, Cellular and Molecular Biology Program

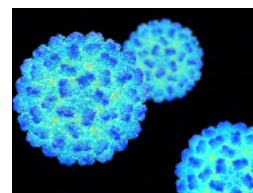
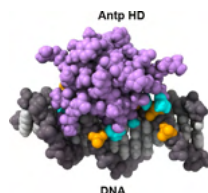
utmb

PhD Graduate School of Biomedical Sciences

The University of Texas Medical Branch (UTMB) is one of the oldest medical schools in the south. It is recognized for its strength in medical research that combines cutting edge basic science and translational research. UTMB is located on sunny Galveston Island, which is known for its beaches, cruise ships, seafood and festive Mardi Gras celebrations. It is only ~1h drive from Houston.



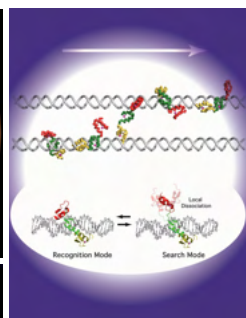
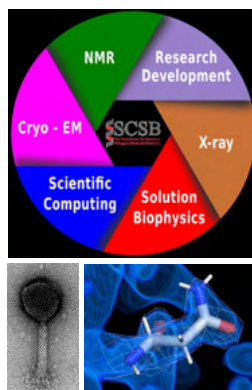
The Biochemistry, Cellular and Molecular Biology (BCMB) Graduate Program offers intellectual training to help you explore modern concepts and biological technologies in structural, computational, cellular, and molecular biology, develop novel therapeutic strategies. For more info, <https://bmb.utmb.edu/graduate-program/graduate-program-info>



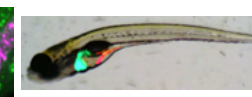
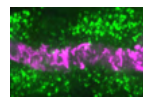
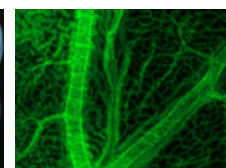
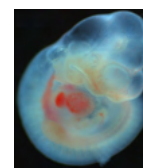
BCMB program has three tracks:

- 1) Structural Biology and Biophysics (SBB):** SBB applies principles of physics, chemistry, and mathematics to cutting edge problems in biomedicine. It offers bioinformatics, computational biology, Cryo-EM, NMR and X-ray crystallography training.
- 2) Cell Biology (CB):** This track offers projects, which focus on molecular, cellular, and whole-animal systems related to human diseases, development, and aging. It also offers training in single cell and single molecule imaging using state-of-the-art microscopes.
- 3) Biochemistry and Molecular Biology (BMB):** BMB track covers a wide range of disciplines from RNA biology, DNA repair, molecular virology, proteomics, cancer, heart diseases and drug development.

- Structural and Computational Biology
- Biophysics
- Molecular Virology
- Cell Biology
- DNA Repair
- Transcription



- RNA biology
- Mechanobiology
- Cancer Biology and Aging
- Molecular Genetics
- Drug Development
- Bioinformatics
- Proteomics and Genomics
- Developmental Biology



BCMB students formed a dynamic Biochemistry Student Organization (BCSO) that sponsors social and educational events and fosters charitable activities. BCSO also organizes the Pioneering Biological Discovery Seminar Series, where students invite and meet speakers who are leaders in their fields. For more info, <https://www.utmb.edu/bcs>

CONTACT

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SBB Track Director, Dr. Marc Morais (mcmorais@utmb.edu)



<https://bmb.utmb.edu/graduate-program/graduate-program-info>



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