



TRAINING PROGRAMS

The University of Texas Medical Branch is a leading academic health science center offering a wide array of biomedical science training programs. Our graduate training programs address the full spectrum of basic to translational and clinical research. **Join us to advance the understanding of human disease and its treatment by emerging as a leader in academia, biotech, industry, government service and other related careers.** We offer a variety of innovative training opportunities in:

- **Biochemistry and Molecular Biology** – Molecular Mechanisms of Disease, Molecular Virology, Computational Biology, DNA Repair, RNA biology, Cancer Biology, Molecular Genetics, Drug Development, Proteomics and Genomics, Structural Biology, Biophysics, Molecular Biophysics Training Track
- **Cell Biology** – Cellular and Molecular Mechanisms Mediating Physiological/Pathological Functions of the Body, including Eyes, Gastrointestinal and Reproductive Tracts, Placenta, Brain and Lung
- **Clinical Science** – Clinical Investigation, Health Services Research, Health Informatics
- **Experimental Pathology** – Emerging Diseases/Biodefense/ Vaccines, Cellular Microbiology, Arbovirology, Vectors, Host Response
- **Human Pathophysiology and Translational Medicine** – Multi-disciplinary Translational Research
- **Master of Public Health** – Disease Causation and Prevention, Epidemiology, Biostatistics
- **Medical Humanities** – Interdisciplinary Studies at the Intersections of Biomedicine, Ethics, Humanities, and Social Sciences
- **Microbiology and Immunology** – Molecular, Cellular, Organismal, Molecular Basis of Pathogenesis, Translational Research in Infection, Immunity at all Containment Levels, Microbial Genetics, Antimicrobial Resistance and Microbiome Research
- **Neuroscience** – Addiction, Brain Injury, Neuroplasticity, Neurodegeneration and Neural Stem Cells, Pain
- **Nursing** – Vulnerable Populations, Biobehavioral Research, Teaching Methods and Practice
- **Pharmacology and Toxicology** – Cancer Biochemistry, Addiction, Drug Discovery, Toxicology, Environmental Sciences, Mental Health Research, and Neuropharmacology
- **Population Health Sciences** – Health Outcomes, Health Disparities, Social Epidemiology
- **Rehabilitation Sciences** – Assessment, Development, Restoration, Maintenance of Independent Living

We also offer combined MD/PhD and dual MPH/PhD degrees

BENEFITS

Eligible students can qualify for a package that includes a graduate assistant salary of \$31,000 in addition to comprehensive health insurance coverage. Other benefits include paid tuition and fees, free membership to the campus fitness center, and several others.

ACADEMIC OPPORTUNITIES

Doctoral Degrees

- Research rotations in which the students pursue research projects under the supervision of faculty of their own choosing
- Flexibility in coursework - students encouraged to diversify their programs by taking elective courses across the GSBS (such as physiology, biophysics, pharmacology, anatomy, pathology, biostatistics, epidemiology, art and medicine)
- Completion of the PhD degree usually requires four to five years—well under the national average
- Emphasis on applied learning and internships
- Placement of students in the past five years includes industry, government, academic health science centers, think tanks, and colleges of liberal arts and sciences

Masters of Public Health Degrees

- Customarily, the degree is completed in one to two years

CAREER OPPORTUNITIES

- Emphasis on applied learning and internships
- Placement of students in the past five years includes industry, government, academic health science centers, think tanks, and colleges of liberal arts and sciences

For more information, please contact:

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Tuition and Fees

<https://www.utmb.edu/enrollmentservices/future-students/tuition-and-fees>

Nondiscrimination, Equal Employment Opportunity and Affirmative Action

The University of Texas Medical Branch, in compliance with applicable federal laws and regulations, strives to maintain an environment free from discrimination against individuals on the basis of race, color, national origin sex (including pregnancy), age, religion, disability, sexual orientation, gender identity and expression, genetic information, or veteran status. This includes, but is not limited to, academic program admissions, employment, financial aid, health care services, educational services, and access to UTMB programs, facilities, or services. This applies to all employees and students, and anyone who utilizes UTMB facilities.