

TEXAS BIOTECHNOLOGY INDUSTRY

Baylor College of Medicine
Houston, Texas

Texas Economic Development & Tourism | Office of Governor Greg Abbott

Texas is a leading hub for biotechnology and life sciences due to our world-class institutions and professional talent. The Lone Star State is home to top Fortune 500 companies including, Kimberly-Clark, Celanese, Tenet Healthcare and McKesson. Global industry leaders such as Galderma, Novartis, Abbott, Allergan, Lonza, Johnson & Johnson and Merck also have significant operations in the state. In total, more than 5,500 life science and research firms and workforce of 98,000 make up this robust sector of the Texas economy.

For decades, Texas has been a center for groundbreaking medical research, with a robust network of academic and research institutions, including seven of the nation's top 100 medical schools and \$5.6 billion in annual research and development expenditures. Texas is home to the Texas Medical Center (TMC)—the largest medical complex in the world. Already a research mega-site, TMC is partnering with three state universities to develop a state-of-the-art research collaborative campus called TMC3, which will help keep Texas on the cutting edge of discovery and innovation in medicine.

World-class institutions and a premier environment for scientific innovation have made Texas a leader in pharmaceuticals, animal and agricultural biotech, medical device manufacturing, cancer research, biomedicine and more. Texas' emphasis on cutting-edge innovation and collaboration have created a climate where biotech and life science firms can flourish in the future.



EXCEPTIONAL TALENT POOL: Texas has the fifth-largest biotech and life science workforce in the country and is home to one of the largest clusters of life science professionals in the country. Texas can readily supply life science companies with a highly-skilled pool of talent—more than 18,000 industry-related graduates annually and a current industry workforce of more than 98,000.



EXPANDING MEDICAL SCHOOL SYSTEMS: Texas is already home to 15 medical universities, seven of which rank among the nation's top 100 medical schools, and the state's higher education network continues to expand.



TOP-TIER FOR BIOTECH-RELATED DOCTORATES: Our state's higher education institutions continue to produce some of the nation's top scientists. Texas is #1 in the country for agricultural sciences doctorates, #2 for health sciences doctorates, #3 for life science doctorates, #3 for all doctorates awarded and #3 for biological/biomedical sciences.



ATTRACTING PROMINENT RESEARCHERS: The Governor's University Research Initiative (GURI) was created by the State of Texas to bring the best and brightest researchers in the world to the state. The grant program assists eligible institutions of higher education in recruiting Nobel Laureates and other distinguished researchers to their campus in the fields of science, technology, engineering, mathematics or medicine.



RESEARCH & DEVELOPMENT HUB: Research & Development (R&D) is the lifeblood of the biotech industry in Texas. The state has more than 1,200 biotechnology-related manufacturing and R&D firms, and ranks #1 nationally for the number of clinical trials underway—more than 30,000 in 2020.

TEXAS' TOP RANKINGS FOR BIOTECH WORKERS

#1	Chemical Engineers
#1	Ophthalmic Medical Technicians
#1	Veterinary Technologists & Technicians
#2	Animal Scientists
#2	Clinical Laboratory Technologists and Technicians
#2	Biological Technicians



The Texas Medical Center is the world's largest medical complex.



THERE ARE MORE THAN 13,600 HIGHLY-SKILLED WORKERS IN THE MEDICAL DEVICE SECTOR.



MD ANDERSON IS CONSIDERED THE #1 FACILITY FOR CANCER CARE IN THE NATION.



THE TEXAS MEDICAL CENTER CONDUCTS MORE CLINICAL TRIALS THAN ANY OTHER SINGLE SITE IN THE WORLD.



TEXAS IS THE #3 STATE IN THE NATION FOR MEDICAL & DIAGNOSTIC LABS.

RACING TOWARDS A CURE FOR CANCER:

The State of Texas is leading an unprecedented fight against cancer. Texans voted in 2007 to create the Cancer Prevention Research Institute of Texas (CPRIT), which is the largest taxpayer-funded cancer research organization in the country, with more than \$6 billion dedicated to research grants. There are also four NCI-Designated Cancer Centers in Texas, including the University of Texas MD Anderson Cancer Center, which ranks #1 for cancer care in the nation.

SOLVING GLOBAL CRISES:

Texas is stepping up to the challenge when it comes to battling the ongoing global health crisis. The University of Texas' Austin Technology Incubator is leading a new consortium of more than 50 health care organizations from around the state, working to combat COVID-19 and prepare for future widespread disease outbreaks. Additionally, the Texas A&M University System and its subcontractor, Fujifilm Diosynth Biotechnologies, were tagged by the U.S. government to mass-produce a COVID-19 vaccine. This team has already trained more than 200 employees to manufacture the two vaccines produced in College Station.

CONTACT US



OFFICE OF THE GOVERNOR TEXAS ECONOMIC DEVELOPMENT & TOURISM

The Texas Economic Development and Tourism Office (EDT) serves as the state's leading economic development organization marketing Texas as the world's premier business investment destination. The division pursues business expansion and relocation prospects, with the goal of developing job creation and export opportunities for the Texas business community.

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