LIFE SCIENCES IN TEXAS

Texas is one of the leading life science states in the country.

TEXAS: GLOBAL LIFE SCIENCE POWERHOUSE

Home to more than 5,000 life science and research firms, and 100,000 workers in related fields, Texas is one of the leading states for life sciences in the country.

Top Fortune 500 companies such as Kimberly-Clark and Celanase are based in Texas, while top global industry leaders such as McKesson, Galderma, Novartis, Abbott, Allergan, and Johnson & Johnson have major operations in the state.

Texas' highly trained workforce, top-tier research institutions and business-friendly climate strengthen the state's status as a global life science industry leader.

Texas is home to 11 medical universities, and is continuing to expand its network with the addition of two new medical schools. The Dell Medical School at the University of Texas – Austin, which welcomed its inaugural 50-person class in June 2016, is the first MD-training institution in nearly 50 years to be built from the ground up at a top-tier U.S. research university.

Texas' Top 2017 Rankings for Biotech Workers in the U.S

No. 1	Chemical Engineers
No. 1	Ophthalmic Medical Technicians
No. 1	Veterinary Technologists & Technicians
No. 2	Clinical Laboratory Technologist & Technicians
No. 2	Pharmacy Technicians
No. 3	Environmental Scientists
No. 4	Biological Scientists, All Other
No. 5	Animal Scientists
No. 5	Soil & Plant Scientists

Texas is Top Tier for Biotech-Related Doctorates

In 2016, the National Science Foundation ranked Texas among the top 10 U.S. States for number of doctorates awarded in biotech-related fields:

No. 2	for agricultural sciences & natural resources doctorates
No. 3	for health sciences doctorates
No. 3	for all doctorates awarded
No. 3	for biological/biomedical sciences doctorates

No.1
World's Largest Medical Center

No.1
Chemical Engineers & Veterinary Technologists/Technicians

4
NCI-Designated Cancer Centers

6
Medical Schools in Nation's Top 100

$5.3B
Annual Research & Development Expenditures

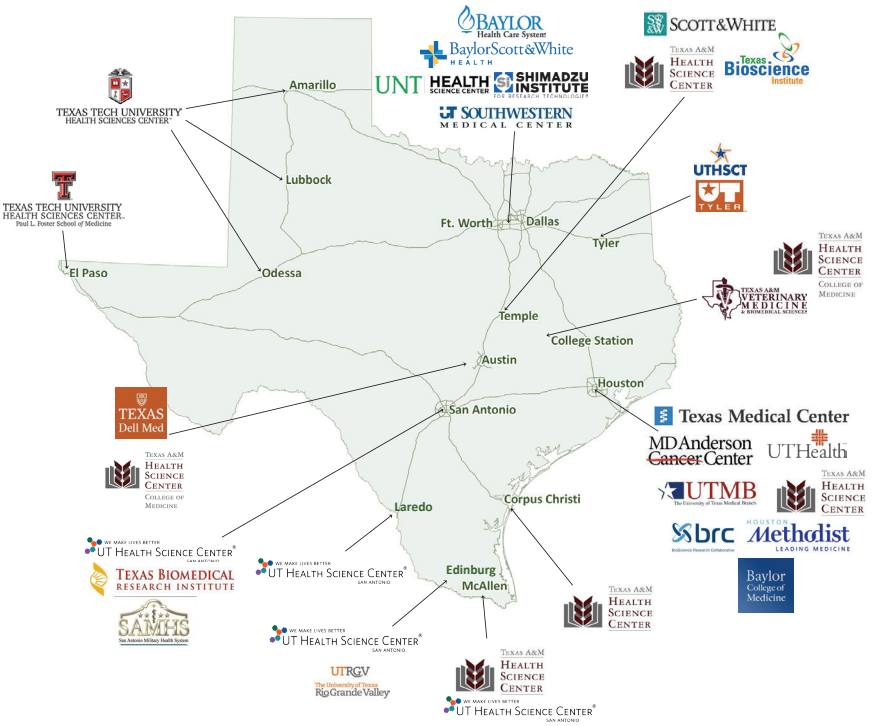
23,899
Clinical Trials Underway (3rd nationally)

RESEARCH INFRASTRUCTURE

Texas' strong life sciences industry stems from a robust academic research infrastructure, including some of the world's most prestigious universities and independent research institutes.

In 2015, the Texas Legislature launched the Governor's University Research Initiative grant program (GURI) with a goal to bring the best and brightest researchers in the world to Texas. To date, the state has awarded $45.5 million to state universities to attract and recruit 14 prominent researchers in fields such as molecular biology and animal genetics.

In 2016, the University of Texas System Board of Regents approved $30 million to recruit outstanding faculty for its health science institutions through its Faculty STARs (Science and Technology Acquisition and Retention) program, doubling the budget from the previous year.



TEXANS CONQUER CANCER

Texas is a national leader in cancer research largely due to its historical commitment of $3 billion to the Cancer Prevention and Research Institute of Texas (CPRIT). The only such state commitment, CPRIT is the second largest publicly funded cancer research organization in the nation. To date, CPRIT has made 1,255 awards totaling $1.98 billion. Of this amount, 71 percent is for academic research, 16.6 percent for product development research and 10.5 percent for prevention. Important award highlights include:

- 92 clinical trials with nearly 14,000 patients
- 150 stellar researcher recruitments leading to nationally recognized centers in immunotherapy and childhood cancers
- Nearly 15,000 cancers and cancer precursors detected throughout Texas
- 29 biotech company awards attracting $1.67 billion in private follow-on funding, a greater than 5-1 return on CPRIT's investment
- Significant factor leading to designation of 3 Texas NCI comprehensive cancer centers—previously only MD Anderson

Texas is also home to 4 NCI-Designated Cancer Centers, including the University of Texas MD Anderson Cancer Center, which ranks No.1 for cancer care by the U.S. News & World Report's annual "Best Hospitals" survey—a distinction it's held for 12 of the past 15 years. Other major institutions include the Scott & White Cancer Institute in Temple, as well as Dallas-based Texas Oncology and the Mary Crowley Cancer Research Centers.

THE TEXAS MEDICAL CENTER

The Texas Medical Center (TMC) is the world's largest medical complex and is also home to the world's largest children's hospital—the Texas Children's Hospital—and the world's largest cancer hospital—MD Anderson Cancer Center, as well as the Texas Medical Center Innovation Institute.

The Texas Medical Center (TMC) Innovation Institute aims to become the global leader in life sciences innovation and commercialization:

The Texas Medical Center Accelerator (TMCx) facilitates development of early-stage digital health and medical device companies. TMCx resources include co-working space and a network of more than 120 advisors including clinical experts, researchers and executives.

The TMCx+ Accelelerator, located adjacent to the TMCx Accelerator, provides essential amenities required by early stage companies including secure office space, conference rooms and a recombinant research environment.

JLABS@TMC – Part of Johnson & Johnson Innovation LLC, JLABS is a network of incubators providing emerging pharmaceutical, medical device and consumer and digital health companies.