



BIOTECHNOLOGY & HEALTHCARE INDUSTRY ALLIANCE OF NORTH TEXAS

Q3 2024 Progress & Outlook Report



September 2024

Progress in North Texas



PEGASUS PARK

“Pegasus Park is serving as a critical catalyst for the development of life sciences in the Dallas area, the surrounding region, and the state,” said Ray Perryman, President and CEO of The Perryman Group. “Its innovative structure is helping to bring key people and activities together in a way that will also serve to maximize the benefits of new discoveries to society. Texas has long been behind other states in the life sciences area but is now emerging as a growth leader”.

15,182+
\$1.9B

Est. jobs created at full masterplan buildout (est. after 2025)

Est. annual gross product at full masterplan buildout (est. after 2025)

TEXAS RESEARCH QUARTER

The Plano City Council has approved a development agreement to support the TRQ redevelopment project and facilitate catalytic investment in the Plano and North Texas community. The Texas Research Quarter is a 135-acre life sciences innovation district anchored around the former Electronic Data Systems (EDS) campus in Plano, Texas. The multisite project aims to develop over 4 million sq. ft. of life sciences facilities, including cGMP manufacturing and lab/R&D space.



30,000+
\$2.9B

Est. jobs-years created at full master buildout (est. by 2050)

Est. annual gross product at full masterplan buildout (est. by 2050)



(Source: The Perryman Group)

Talent Pipeline

INSTITUTIONAL TRAINING

Collin College

- Level 1 - Biotechnology Certificate
- Level 2 - Advanced Biotechnology Certificate

Dallas College

- Pharmaceutical GMP Foundational Training
- Pharmacy Technician
- Phlebotomy
- Invasive Cardiovascular Technician
- Echocardiogram Technician
- Medical Laboratory Technician
- Sterile Processing Technician
- Vascular Sonographer
- Surgical Technician
- Respiratory Therapist
- Clinical Lab Assistant
- Patient Care Technician
- Medical Office Assistant
- Certified Medical Assistant

University of Texas at Arlington

- Sterile Processing Technician
- Medical Laboratory Assistant
- Medical Assistant
- Bioinformatics

Tarrant County College

- CompTIA A+ for Healthcare Security
- Bioworks for North Texas - Biotechnology Aptitude & Competency
- Central Sterile Processing
- Phlebotomy Tech
- Pharmacy Tech
- Medical Assistant
- Cardiac Electrophysiology

EMPLOYER TRAINING

Hospital and Industry Partners

- Children's Health
- Baylor Scott & White Health
- Medical City Healthcare
- Methodist Health System
- Parkland Health
- Texas Health Resources
- UT Southwestern Medical Center



Career Awareness

Summer 2024 witnessed significant strides in expanding Career Awareness initiatives, particularly in promoting biotechnology and healthcare opportunities to students and young adults. The BHIANT maintains recurring STEM mentorship roles for at-risk, urban high school students with **Launch Bio**.

BHIANT leaders are scheduled to engage middle- and high school students as well as educators across regional school districts including Dallas, Irving, and Fort Worth. These events, intended to create interest and raise awareness of STEM and various career pathways, are designed to give students a first-hand look at careers available today.



The **BioWorks for North Texas** has launched radio and television campaigns promoting biotechnology and healthcare careers, which have been well-received across platforms and continue to play a pivotal role in spreading awareness about career opportunities of the future. Collectively, these Career Awareness initiatives are helping to build a strong, informed talent pipeline, ensuring that North Texas remains a competitive hub for biotechnology and healthcare innovation.

CAMPAIGNS & METRICS

| | | |
|---|--|-----------|
| → | NTX Next (Magazine) Students Reached (est.) | 150,000 + |
| → | Irving ISD Career Fair (est.) | 2,500 + |
| → | Fort Worth ISD Career Days (est.) | 1,500 + |
| → | LaunchBIO STEM Programs (est.) | 500 + |
| → | ACS Industry - Academic Partnerships Presentation (est.) | 250 + |

Investment

INDUSTRY TRENDS

Nationwide, funding remains a critical issue within the sector. While public markets have shown some signs of activity, transactional volume has been lower than anticipated. This is attributed to the Inflation Reduction Act (IRA) and an approaching patent cliff, both of which are expected to impact revenue streams.

(Source: RSM Life Sciences Outlook, July 2024)

U.S. LIFE SCIENCE MARKETS

- Phase I biopharma companies raised a median round of \$76 million in 2024 through Q2, more than double the figure from 2023.
- 40 companies disclosed Phase I funding rounds in H1 2024 ranging from \$2 million to \$260 million (Apollo Therapeutics Series C). There were 16 rounds at \$100 million or more.
- Phase III biopharma companies saw \$100 million in venture round medians through Q2 2024, more than double the full-year 2023 median.
- 7 companies disclosed Phase III funding rounds in H1 2024 ranging from \$11 million to \$372 million.

(Source: JPM Biopharma Licensing & Venture Report, July 2024)

REGIONAL HIGHLIGHTS

Commercial Real Estate

Plano City Council approves investment firm's \$4B life sciences project

Huge complex anticipated to create 30,000 jobs at full build-out

Verily to relocate its HQ from San Francisco to Dallas

Cancer-focused Actuate is latest biotech on Nasdaq after \$22.4M IPO

INDUSTRY OUTLOOK

Unlike most other high growth sectors, Texas is a latecomer as a major player in biosciences and lags behind most major competing states. The recent ascent has been meteoric, however, and is rapidly moving the state to the fore. The result will be both a notable stimulus to prosperity and, more importantly, critical enhancements in health that will positively impact people across the globe.

(Source: The Perryman Group)

Policy & Legislative Awareness

BIONTX LEGISLATIVE AWARENESS COMMITTEE

- BioNTX Committee formed to engage in non-partisan political awareness and issue advocacy
- Voice of the Industry State & Federal levels
- Education of new Texas State Legislators (36 new members in the 89th Session)
- Building coalitions with other organizations on public policy issues
- Priority SBIR & STTR Matching Funds (HB2466 SB1478)
- MBRIT Brain Bill (HJR 135 in the 88th Session)
- Texas Regional Industrial Biomanufacturing Certification (TRIBEC)

LEGISLATIVE PRIORITIES FOR TEXAS NURSES

- Surgical Smoke Evacuation
- Adequate Staffing for nurses. Specifically, State Statue for Nurse Staffing (law enacted, 2009).
 - Up to 5% of hospitals in Texas are not adhering to this law.
- Funding for Nurse education. A continuing focus due to anticipated significant shortage of Nurses by 2030.
- Full Practice Scope for Advance Practice Nurses.
- SB240 Violence Prevention, passed in the 88th legislative session. (NLAC priority). Bill may benefit from expansion to address locations external to those outlined in the bill.
 - DFW Hospital Council Foundation is working with hospital leaders to make this a requirement/priority for healthcare students doing clinical training.

POLICY NEWS

The **BIOSECURE Act** passed in Congress by a bipartisan vote of 306 to 81. This Act prohibits federal agencies or any companies receiving federal funds from procuring or obtaining any biotechnology equipment or service produced or provided by a biotechnology company of concern. Examples of company of concern. (i.e. WuXi AppTec and WuXi Biologics).

US bill to restrict business with China's WuXi AppTec, BGI passes House

By Karen Freifeld

September 10, 2024 10:30 AM CDT · Updated 3 days ago



(Source: Reuters)

Future Outlook

LEGACY PLAN

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 125 medical schools and \$6.6 billion in annual research and development expenditures.

(Source: Office of the Texas Governor)

The Perryman Group estimates the life sciences industry in North Texas currently generates \$12.4 billion in gross product and more than 91,000 jobs.

By 2050, the report predicts North Texas will generate \$25.3 billion in gross product and more than 185,000 jobs in the life science space.

(Source: The Perryman Group)



The value of health and happiness to an individual who is afflicted cannot be estimated... [and] the value to a community of a higher standard of public health is incalculable.

- Dr. Edward Carey

Thank You, Leaders

Your dedication and leadership have been instrumental in advancing our mission to foster innovation, develop talent pipelines, and raise career awareness throughout the region.

Looking ahead, we are filled with optimism for what the future holds. To amplify our impact, we encourage you to share your vision with peers and invite them to join the Biotechnology and Healthcare Industry Alliance of North Texas (BHIANT). Together, we can expand our network of industry leaders, drive greater collaboration, and unlock new opportunities to bring growth and excellence to North Texas. Thank you for your unwavering support and commitment to building a robust, thriving regional ecosystem.



Program Development
Hospital Industry Partnerships
Biotechnology Industry Partnerships



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NORTH TEXAS**

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