

# THE CHARLOTTE REGION:

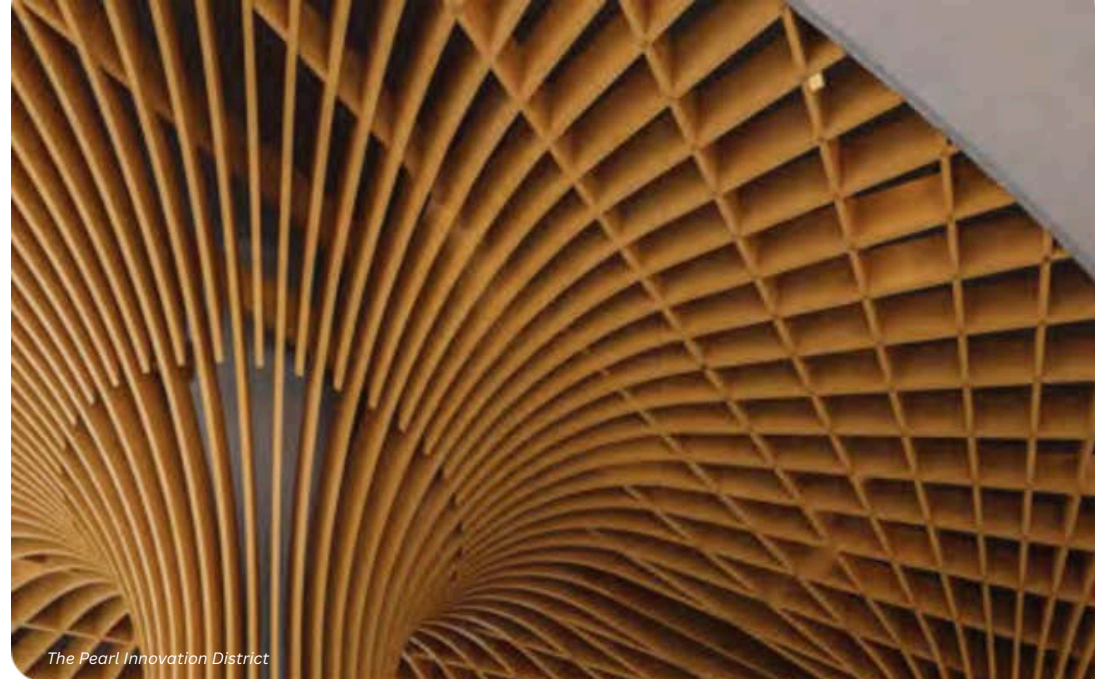
## THE FUTURE OF MEDTECH

The Charlotte Region is a fast-emerging life sciences market with unique research and production capabilities. The region's convergence of manufacturing strengths, health care systems, growing research infrastructure, and logistics connectivity provide the perfect environment for companies looking to grow and scale.

Anchored by The Pearl, the Carolinas' newest health innovation district and home to Wake Forest School of Medicine, the region is well-poised for advancements in health care and biosciences.

The Charlotte Region sits just 2.5 hours from the renowned Research Triangle Park. With a well-connected logistics infrastructure, the region has a strategic advantage for companies looking to broaden their supply chains.

The future of medtech is already here, and the Charlotte Region is rising to the occasion.



The Pearl Innovation District

### TARGET SECTORS



BIOLOGICS PHARMACEUTICALS



CONTRACT RESEARCH & MANUFACTURING



MEDICAL TECHNOLOGIES & DEVICES



NUTRACEUTICALS & CONSUMER HEALTH



SMALL MOLECULE PHARMACEUTICALS

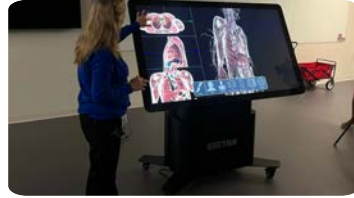
# CHARLOTTE'S REGIONAL ADVANTAGES



## RICH INDUSTRY MAKEUP

Over 100 life sciences companies make up a rich community that is innovating technologies, from agriculture, to medical devices, to surgical interventions.

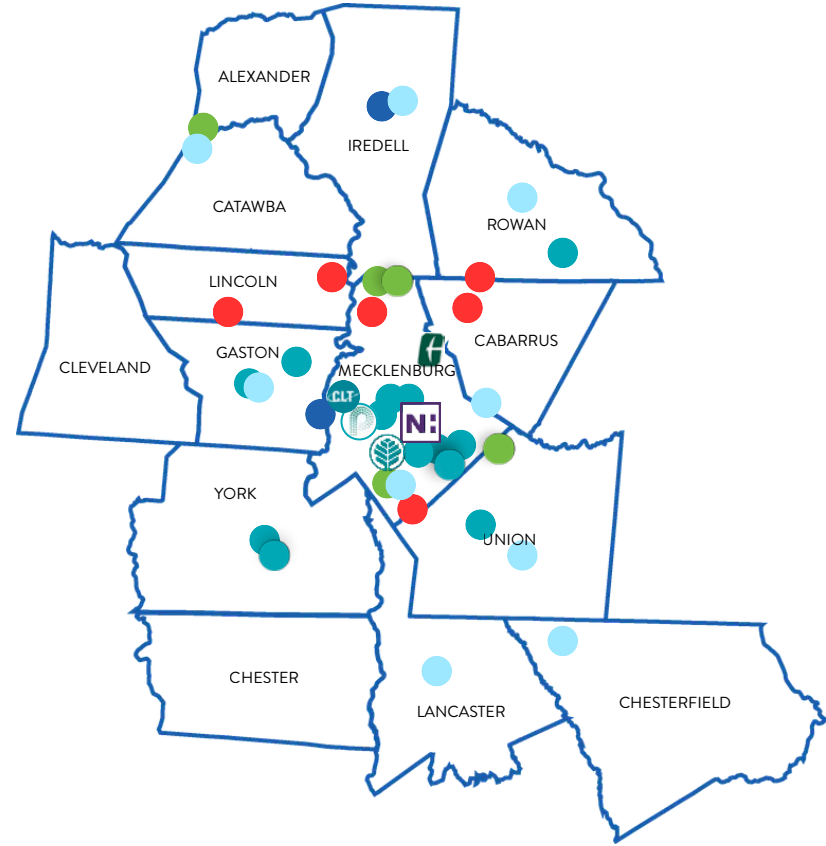
More than 300 companies in the region offer specialized services ranging from construction, to lab testing, to cold storage, ensuring a strong network of connected suppliers and customers.



## LARGE-SCALE HEALTH CARE SYSTEMS

Charlotte is home to one of the largest health systems in the country, Advocate Health, and is also a major hub for Novant Health, a leading provider in the Carolinas. These health systems lay the foundation for a substantial workforce and offer an expansive patient base.

Other providers in the region include CaroMont Health, Duke Health, Medical University of South Carolina, Piedmont Medical Center, and the Veterans Health Administration.



## MANUFACTURING LEGACY

Charlotte offers one of the largest manufacturing workforces in the Southeast. With a rich history in textiles, precision machining, food & beverage, and chemical manufacturing, the region's workforce offers a diverse set of transferrable skills.



## COST-COMPETITIVE MARKET

The Charlotte Region has some of the lowest costs of doing business in the nation, with a business-friendly tax environment and lower labor costs than the major life sciences hubs.

## THRIVING INDUSTRY ECOSYSTEM



### BIOLOGICS

- DOTBIO
- GLENMARK PHARMACEUTICALS
- ELI LILLY
- SLOAN BIOLOGICS
- TRACTBIO



### CMO & CRO

- APTYX
- BIOCYTICS
- CROWN BIOSCIENCE
- PACE ANALYTICAL
- SCN BESTCO
- SCREWMATICS



### MEDTECH & DEVICES

- BIOMEDFLEX
- CIRTEC MEDICAL
- GREINER BIO-ONE
- GRONINGER
- IRCAD
- JOERNS HEALTHCARE
- STRYKER



### NUTRACEUTICALS & CONSUMER HEALTH

- EQUULUS THERAPEUTICS
- NUFABRX
- NUTRAMAX LABORATORIES
- SC JOHNSON
- SNP THERAPEUTICS



### SMALL MOLECULE

- BALANCED PHARMA
- COSETTE PHARMACEUTICALS
- KARTHA PHARMACEUTICALS
- MILESTONE PHARMACEUTICALS
- PRINSTON LABORATORIES



## GROWING TALENT PIPELINE

Companies find a steadily growing talent pipeline in the Charlotte Region, one of the fastest-growing in the nation at that. Many of the region's new residents come from leading life sciences markets like Boston, Philadelphia, Chicago, and Southern California.



## PREMIER QUALITY OF LIFE

The region's substantial growth can be attributed to a quality of life that offers something for everyone. Whether it's urban high-rise condos, picturesque mountain views, or lakefront living, residents find the lifestyle they're looking for at an affordable rate.

**DIVERSIFIED  
INDUSTRY MIX**



**THE PEARL: THE REGION'S INNOVATION DISTRICT**

Opened in June 2025, The Pearl is the Carolinas' newest innovation district, offering a vibrant and distinctive health innovation ecosystem that sits at the intersection of research, academic excellence, clinical translation, and entrepreneurial innovation. Anchored by Advocate Health and home to the Wake Forest School of Medicine's Charlotte campus, The Pearl is already leading the way in medical technologies and surgical advancements:

- IRCAD, a globally recognized institute dedicated to surgical training, established its North American headquarters at The Pearl, where it will train upwards of 10,000 surgeons from around the world each year.
- Connect Labs by Wexford is a collaborative coworking space designed to support emerging and high-growth companies in the life sciences field.

The Pearl has attracted leading names in medtech, including Johnson & Johnson, Medtronic, Siemens Healthineers, and Stryker.

SECTOR	LABOR AVAILABILITY	AVERAGE ANNUAL WAGE
Therapeutics	3,100	\$138,000
MedTech & Devices	2,000	\$103,700
Suppliers & Services	30,900	\$65,100
Digital Health & IT	30,100	\$162,200
Chemical Manufacturing	5,600	\$160,000
Food & Beverage Manufacturing	15,700	\$72,500

**12,400**

**LIFE SCIENCES  
WORKFORCE**

**142,000**

**HEALTH CARE  
WORKFORCE**

**A HEALTHY TALENT PIPELINE**



**WAKE FOREST UNIVERSITY SCHOOL OF MEDICINE**

The first four-year medical school in Charlotte, Wake Forest's Charlotte campus offers students a unique problem-based learning model, fostering hands-on experiences in diverse clinical settings.



**BIOWORK CERTIFICATE**

BioWork, offered at three of the region's community colleges, is a certificate program preparing students for careers as process technicians for biotechnology, pharmaceutical, and chemical manufacturing companies.



**YORK TECHNICAL COLLEGE**

York Tech is developing stackable credentials under a new BioWorks training program. Students can choose between a Laboratory or Bio-Pharma Manufacturing pathway, receiving training in cGMP, process operations, quality control, compliance, and more.



**MASTER OF SCIENCE IN HEALTH INFORMATICS,  
UNC CHARLOTTE**

This graduate program teaches students how to improve the quality and efficiency of health care through data.



**MASTER OF SCIENCE IN PHYSICIAN ASSISTANT  
STUDIES, PFEIFFER UNIVERSITY**

This program prepares students to become servant leaders ready to address health disparities and social justice issues in medically underserved communities.

# COLLABORATIVE INDUSTRY NETWORK

## NCBioTech & SCbio

Life sciences in the Charlotte Region are supported by leading organizations designed to catalyze industry growth.

The renowned NC Biotechnology Center (NCBioTech) drives economic growth by supporting life sciences research, workforce development, education, and policy across the state.

SCbio is the leading advocate for life sciences companies in South Carolina, fostering industry collaboration across academia, government, and startups.



## UNC Charlotte CIPHER

The Center for Computational Intelligence to Predict Health & Environmental Risks (CIPHER) at UNC Charlotte is a cross-collaborative research center bridging the fields of computing and data science, bioinformatics, biology, and more.

With a mission that focuses on genomics and computing technologies, researchers apply computing and empirical technologies to better understand infectious diseases, food safety, and failing ecosystem health.

## NC Research Campus

The North Carolina Research Campus (NCRC) is a 350-acre research center just north of Charlotte. It houses a scientific community made up of eight universities, companies, and entrepreneurs all focused on innovating human health through nutrition.

The NC Food Innovation Lab located within the NCRC is a unique product development research center where companies can utilize research, processing, and packaging capabilities.



## Advocate Health National Center for Clinical Trials

The nation's largest, most inclusive clinical trial network is based in Charlotte, a hub that connects researchers to a broad population of patients and streamlines the clinical trial process.

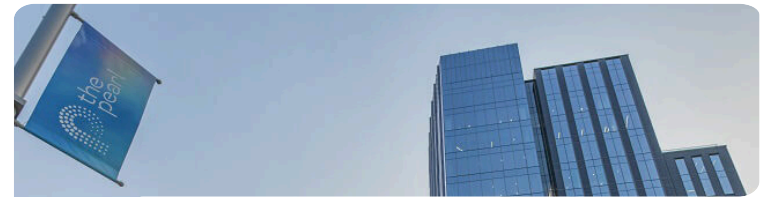
The one-stop shop model offers an integrated infrastructure that includes a single institutional review board, two instances of Epic in a modern data platform, and an enterprise-wide clinical trials management system.

## SUCCESS STORY: ELI LILLY

In 2022, Eli Lilly announced a \$2 billion investment for a fill and finish campus in Concord dedicated to producing injectable medications and devices. Originally announced as a \$1 billion project, Lilly doubled down while the site was still under construction.

The facility is the company's second location in North Carolina and was chosen for its proximity to a top university with strong STEM programs, convenient access to logistics infrastructure, and a highly skilled workforce with expertise in precision manufacturing.

Since its announcement, the company has well exceeded its hiring target of 600 jobs.



## RECENT ANNOUNCEMENTS

**DETRAPEL<sup>®</sup>**  
SOLUTIONS

**groninger**

**SIEMENS**  
Healthineers

**stryker**

**Tract Bio**