



UpstateSCAlliance



460+

life science companies
in Upstate SC



608

life science patents in
South Carolina 2016-2019



2,089

manufacturers in
Upstate SC



11,473

STEM graduates
in Upstate SC (2020)



2.5x

national concentration
for industrial engineers



#3

for high-tech
job growth
South Carolina



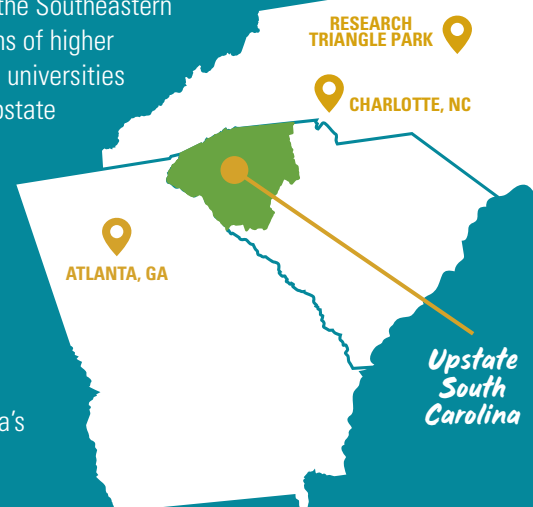
LIFE SCIENCES

Pioneering the future of human health.

Upstate South Carolina connects two of the largest cities in the Southeastern United States: Charlotte and Atlanta. Home to 26+ institutions of higher learning and within 150 miles of leading bioscience research universities such as Duke, University of North Carolina and Emory, the Upstate is a magnet for life science companies.

Here, global leaders like **Lonza** manufacture pharmaceutical products, **Pall Corporation** is supporting rapid vaccine production through single-use technology, and medical technology companies like **Chartspan** and **Sync.MD** are revolutionizing data management.

Life science is the fastest-growing segment of South Carolina's innovation economy, with industry leaders announcing more than **\$511 million in capital investment and 3,607 jobs** in the Upstate since 2017.



UPSTATE SOUTH CAROLINA: *Life Science Strengths*

DRUGS & PHARMACEUTICALS

Lonza



DIGITAL HEALTH SOLUTIONS



SYNC.MD



chartspan

MEDICAL DEVICES



CardinalHealth



Abbott



RESEARCH TESTING & MEDICAL LABS



KIYATEC®

Zylö



**Greenwood
Genetic Center**

FUELING THE CLUSTER

Innovation and R&D

Upstate South Carolina companies are shaping the future of human health, from **genomic breakthroughs at Greenwood Genetic Center** to **drug efficacy predictions by Kiyatec**. Here, companies find industry and research partnerships, and advanced facilities to help them explore, develop and scale new techniques, procedures and applications.



STARTUP SUCCESS: Zylö Therapeutics

Topical drug delivery systems that can provide sustained release are a transformative technology with a world of applications, and Upstate-headquartered Zylö Therapeutics is leading the way.

Establishes headquarters at NEXT Upstate co-working facility

Launches formulation & product development, moves to CUBELnC co-working laboratory space

Company establishes 12,500-SF facility, creates 30+ jobs

2017



2020

Founder & CEO Scott Pancoast relocates from San Diego to Greenville

Secures Series A financing, with \$1M invested by VentureSouth

Grants received from SCRA, National Institute of Health & Department of Defense

ARTHREX: Workforce Partnerships

When global orthopedic medical device pioneer Arthrex announced its \$40 million manufacturing facility in the Upstate and plans to create 1,000 new jobs, Upstate workforce development partners applied their formula for launch.



TECHNICAL TRAINING

- **readySC** provides hiring & training support
- **Tri-County Technical College** offers degree & non-degree workforce training

Experiential Learning:

- **Machine Tool Technology** program trains students on equipment used in Arthrex's production process
- **Youth Apprenticeship** program builds talent pipeline



UNIVERSITY SUPPORT

- Collaborative research partnership with **Clemson University**
- Partnering on curriculum tailored to surgical device innovation

Certificate Programs:

- Programs that equip students from any major to work in the orthopedic industry:
- **Sales Innovation** Certificate
- **Orthopedic Medical Device Product Specialist** Certificate

CLEMSON UNIVERSITY BIOENGINEERING by the numbers



166 graduates in 2021

104

Undergraduate students

47

Master's students

15

Doctoral students

RECENT UPSTATE ANNOUNCEMENTS

COMPANY	CAPEX	JOB
Arthrex	\$100,000,000	500
Pall Corporation	\$75,400,000	775
Lonza	\$53,700,000	30
Diversified Medical Healthcare	\$51,000,000	185
Pall Corporation (Pall)	\$30,200,000	425
Tietex International Ltd	\$17,314,600	100
PGS USA, LLC (Pacorini)	\$14,369,573	25
Nutra	\$8,500,000	118
Sixin North America	\$5,000,000	94
KIYATEC, Inc	\$5,000,000	91
Luxor Scientific	\$3,589,278	54
Agape Care Group	\$3,000,000	76

CONNECT WITH US

The Upstate SC Alliance is a public-private regional economic development organization. Let our Business Recruitment Team assist you in finding the perfect location, market intelligence or business connections. We support companies of all sizes. Let's talk.

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