



UpstateSCAlliance



460+

life science companies
in Upstate SC



2,234

manufacturers
in Upstate SC



12,477

STEM graduates
in Upstate SC (2021)



2.5x

national concentration
for industrial engineers



#3

Most Beautiful +
Affordable Place to Live
Greenville



79

average daily
population growth
Upstate SC



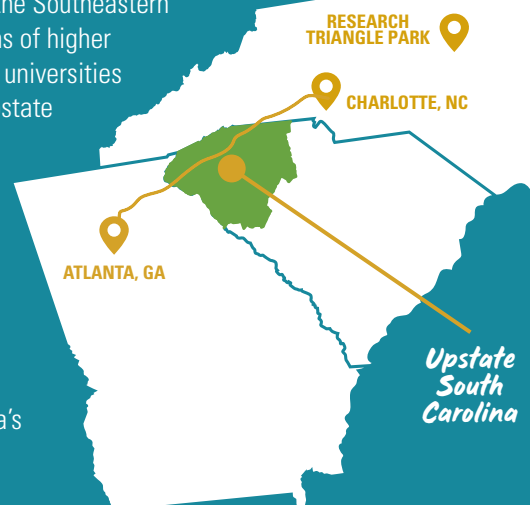
LIFE SCIENCES

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, **Cytiva** is supporting rapid vaccine production through single-use technology, and medical technology companies like **Chartspan** and **Rymedi** are revolutionizing data management.

Life science is the fastest-growing segment of South Carolina's innovation economy, with industry leaders announcing more than **\$660 million in capital investment and 3,378 jobs** in the Upstate from 2019-2023.



UPSTATE SOUTH CAROLINA: *Life Science Strengths*

DRUGS & PHARMACEUTICALS

BAUSCH + LOMB

cytiva **Lonza** **PAI Pharma**

MEDICAL DEVICES

Abbott **CardinalHealth**

Arthrex

DIGITAL HEALTH SOLUTIONS

chartspan **Rymedi**
incora

RESEARCH TESTING & MEDICAL LABS

arcpoint labs **Greenwood Genetic Center**
accurate, reliable, confidential testing.
KIYATEC

FUELING THE CLUSTER

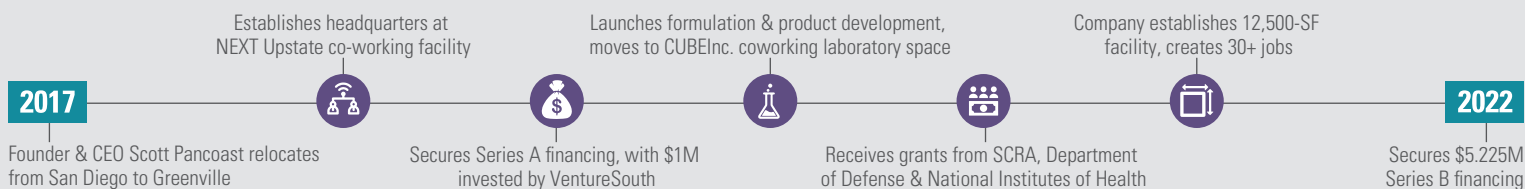
Innovation and R&D

Upstate South Carolina companies are shaping the future of human health, **from genomic breakthroughs at Greenwood Genetic Center to drug efficacy predictions by Kiyatec**. As companies develop and scale new techniques, procedures and applications, the Upstate provides support through research partners, wet lab spaces, funding sources, life sciences cluster gatherings and workforce development.



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.



ARTHREX: Workforce Partnerships

Global orthopedic medical device pioneer Arthrex has invested more than \$140 million and is creating 1,500 jobs in the Upstate, and Upstate workforce development partners are applying their formula for success.



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:

- Equipping 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



502
graduates in 2023



363
Undergraduate students



51
Master's students



88
Doctoral students

RECENT UPSTATE ANNOUNCEMENTS

COMPANY	CAPEX	JOBS
Health Supply US dba Glove One	\$150,000,000	600
Arthrex	\$100,000,000	500
Pall Corporation (now Cytiva)	\$45,200,000	350
Pall Corporation (now Cytiva)	\$30,200,000	425
Niagara Pharmaceuticals	\$9,000,000	45
Erchonia Corp.	\$6,700,000	51
KIYATEC, Inc	\$5,000,000	91
Luxor Scientific, LLC	\$3,589,278	54
Agape Care Group	\$3,000,000	76
Connect America / Lifeline	\$935,000	71
MP Cloud Technologies / EMTech	\$500,000	150
Stomagienics	—	30
Sync.MD	—	10

DEVELOPING TOMORROW'S TALENT through gamification

Meet South Carolina's middle- and high-school students where they are: racking up points – and knowledge – through virtual games. Life sciences companies are using geo-targeting to expose 400,000+ students to job descriptions, salaries and educational pathways through fun, free gaming technology.



UpstateSCAlliance
Business moves here.

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