



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



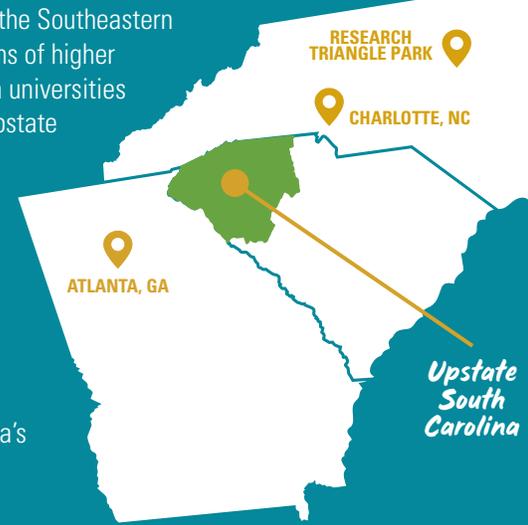
LIFE SCIENCES

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



DIGITAL HEALTH SOLUTIONS



MEDICAL DEVICES



RESEARCH TESTING & MEDICAL LABS



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

Founder & CEO Scott Pancoast relocates from San Diego to Greenville



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

2020

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	JOBS
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.

864.283.2300 • upstateSCalliance.com

Marc Metcalf

Senior Business Recruitment Officer

mmetcalf@upstatealliance.com

p 864.283.2302

c 864.423.2216

