

HEALTH & LIFE SCIENCES

 CHARLOTTE USA.



The Charlotte region continues to strengthen its position as one of the most dynamic and diversified locations in North America. This 16-county region – 12 in North Carolina and four in South Carolina – is home to more than 900 foreign-owned firms, nine FORTUNE 500 company headquarters and a growing population of over 2.7 million residents.

INDUSTRY HIGHLIGHTS

- Largest concentration of medical device manufacturing in the Carolinas
- More than 10, 000 workers employed in the health/life sciences and related biotech sector within the Charlotte region
- Home to Carolinas Healthcare System, the largest healthcare system in the Carolinas, 3rd largest healthcare system in the U.S.
- Blumenthal, Presbyterian and Batte Cancer Centers are actively engaged in national clinical trials for promising new cancer treatments; they leverage the region's large patient base into important clinical research
- Large neurosurgery and radiation oncology practices such as Carolina Neurosurgery & Spine Associates and Southeast Radiation Oncology
- North Carolina Research Campus, a \$1 billion 350-acre biotech campus in Kannapolis, home to research programs of private biotechnology companies, healthcare companies and all research universities in the UNC system
- UNC at Charlotte's Bioinformatics Research Center (BRE), \$35 million, 75,000sf facility housing wet and dry laboratories and core facilities for gene expression, proteomics, microscopy, crystallography, and computing

RECENT NEWS

- Linet Americas, a Czech Republic-based hospital bed manufacturer, opens its U.S. headquarters, marketing, sales and technical operations in Charlotte, NC, creating 50 new jobs
- Diagnostic Devices Inc, a medical device manufacturer specializing in blood glucose meters, moving production operations from China to Charlotte, creating 100+ high-tech positions in the city
- Lovelance Respiratory Research Institute, Anatomic and Angiogen are the latest private companies to join the N.C. Research Campus in Kannapolis, N.C.
- Groninger USA LLC, a German owned manufacturer of high-precision filling machines for the pharmaceutical and cosmetic industries, relocated U.S. operations from New Jersey to Charlotte
- Rowan-Cabarrus Community College is planning a certification program in clinical research that will prepare students to fill jobs being created by the N.C. Research Campus



NOTABLE FIRMS

Diagnostic Devices Inc.
Greiner Bio-One
Crompton Manufacturing
Microban Products Company
Transworld Med Corp

Harmony Laboratory
Meridian Laboratory
Camstar
Pelican Life Sciences
Enovia (Dassault Systèmes)

Fleming Laboratories Inc
Actavis Inc.
Solectron Corporation
3D Systems

FMC Lithium
Zimmer Orthopaedics
Kyphon Inc
Chelsea Therapeutics



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GROWING AND TALENTED WORKFORCE

- Charlotte recently ranked as 9th fastest growing city in the U.S. (Census, 2008)
- Charlotte region is home to 20 colleges and universities and 17 community and technical colleges with customized workforce development programs
- Over 40,000 degrees awarded in science, engineering, technology disciplines in North and South Carolina's public universities including UNC at Charlotte, University of South Carolina, Duke University and Clemson University among others.
Source: National Center for Education Statistics, 2007
- NCCCS BioNetwork provides basic training for entry-level process technicians in the bioprocess, pharmaceutical and chemical manufacturing industries.

INDUSTRY RESOURCES

University of North Carolina at Charlotte,
Charlotte Research Institute
<http://www.charlotteresearchinstitute.com>
North Carolina Research Campus
<http://www.ncresearchcampus.net>
North Carolina Biotechnology Center
<http://www.uncc.edu>
North Carolina BioNetwork
<http://www.ncbionetwork.org>
North Carolina Bioscience Industry
<http://www.ncbioscience.org>
Southeastern Medical Device Association
www.semدا.net
South Carolina BIO
<http://www.scbio.org>

NORTH CAROLINA RESEARCH CAMPUS

The 350-acre North Carolina Research Campus is expected to create a world-class research hub where collaborative science will lead the charge for great discoveries in nutrition, health and biotechnology research, eventually attracting 100 medical device and biotech firms

- Just 30 minutes from downtown Charlotte
- More than 1,000,000sf of state of the art lab & office space with 160,000sf of medical office space
- Major state universities have committed to research specialties including the UNC system, the N.C. Community College System and Duke University
- Private companies located on campus include Dole, LabCorp, Red Hat, Anatomics, PPD, IMAF, Carolinas Healthcare System, Sensory Spectrum, Zeiss, and Lovelace Respiratory Research Institute



	Medical Devices & Equipment Avg. Wage	Higher Education Degrees in Bioscience Fields	Bioscience R&D per Capita
North Carolina	\$46,986	4,174	\$102.77
Massachusetts	\$78,962	4,321	\$172.02
Pennsylvania	\$54,341	7,508	\$119.17
Maryland	\$53,888	2,693	\$234.50
Washington	\$62,362	2,527	\$107.50
Illinois	\$67,501	9,622	\$88.21
United States	\$59,441	143,433	\$98.10

Source: www.bio.org

COMMUNITY COLLEGE WORKFORCE TRAINING PROGRAMS

- Gaston College provides curricula and short courses for the biotechnology industry, providing associate of applied science degree in biotechnology.
- Cleveland Community College offers a biotechnology track to train students for work as research assistants, lab technicians and quality control technicians.
- Rowan-Cabarrus Community College is planning a certification program in clinical research, as well as degree programs in biotechnology, agricultural biotechnology and bioprocessing; RCCC also is planning biotechnology training facility at N.C. Research Campus.
- Central Piedmont Community College provides a medical laboratory technology training program for work in clinical labs.

NATIONAL RECOGNITION

- 4th Hottest Cities for Job Growth (BLS, 2010-2011)
- North Carolina #3 and South Carolina #5 among Best States for Business Climate (Site Selection, 2011)
- Charlotte-Gastonia-Concord MSA ranked #1 major market of the year (Southern Business & Development, 2011)

A nonprofit, public/private economic development organization, the Charlotte Regional Partnership offers site location assistance, customized research and introductions to key industry resources across its 16-county, two-state region. The Partnership's services are free of charge to business prospects considering Charlotte USA, an area of 2.6 million people.

For more information, call 800.544.4373 or 704.347.8942 | charlotteusa.com

