



GREENSBORO  
NORTH CAROLINA

# HIGHER EDUCATION

HIGHER EDUCATION THRIVES HERE, SO CAN YOU!



# GREENSBORO

# HIGHER EDUCATION

The Greensboro region is known as a center of outstanding education and advanced research, blessed with eleven colleges and universities – three of which are designated as having “High Research Activity” – the cutting-edge Gateway University Research Park, the state-of-the art Joint School of Nanoscience and Nanoengineering, and Wake Forest School of Medicine, ranked as one of the nation’s top medical schools. In addition, Guilford Technical Community College, one of the largest community colleges in the North Carolina system, works hand-in-hand with new and expanding industries to train the local workforce using the latest technology. As one of the most educationally-rich corridors in the Southeast, the Greensboro area nurtures entrepreneurial spin-outs and has successfully implemented Opportunity Greensboro, a unique partnership between higher education and business leaders. With more than 100,000 students throughout our region, our workforce is young, well-educated, and prepared to work in an increasingly competitive knowledge-based global economy.

## UNIVERSITIES AS ECONOMIC DRIVERS

Greensboro and the larger Piedmont Triad region have a wealth of higher education options for all levels of study, but scholarship isn’t the only thing being nurtured here. Research and development are driving technology transfer and strong industry connections with our universities.

### THE UNIVERSITY OF NORTH CAROLINA AT GREENSBORO

Serving the region as an educational, cultural, and economic development leader, The University of North Carolina at Greensboro offers more than 100 undergraduate majors, 64 graduate programs, 25 doctoral programs, and 42 post-baccalaureate and post-master’s certificates to more than 17,500 on-campus students and over 950 others in distance-learning programs.

- ▶ At UNCG, researchers are exploring the fundamentals of chronic health conditions – notably cardiovascular disease, diabetes, metabolic syndrome, obesity, osteoporosis, cancer, and neurodegenerative diseases such as Alzheimer’s. Other research areas include child learning and development, drug design, nanobiotechnology, and entrepreneurship. The Carnegie Foundation for the Advancement of Teaching has recognized UNCG with two key research and service designations: High Research Activity and Community Engagement in Curricula and Outreach & Partnerships.
- ▶ Gateway University Research Park and the Joint School of Nanoscience and Nanoengineering, two interdisciplinary ventures created in partnership with North Carolina A&T State University, will bring scientific research from both campuses to successful commercial application, transforming the Triad into a world leader in research and nano-related education.
- ▶ UNCG’s technology transfer efforts have produced entrepreneurial ventures that include The Learning Together Company, Thermiacure, and Prevention Strategies.
- ▶ The UNCG School of Education is known throughout the nation for the quality of its students, programs, faculty, and partnerships with the public and private sectors. The School’s programs are approved by the North Carolina Department of Public Instruction, the National Council for Accreditation of Teacher Education (NCATE), the Council of Accreditation of Counseling and Related Educational Programs (CACREP), and the American Library Association (ALA).
- ▶ The UNCG School of Nursing offers both undergraduate and graduate programs with more than 4,000 alumni. Students have the opportunity for clinical experiences in over 500 agencies throughout the state of North Carolina. The School supports four nursing clinics for the elderly and disadvantaged as educational sites for students.



PHOTO COURTESY OF THE UNIVERSITY OF NORTH CAROLINA AT GREENSBORO



## NORTH CAROLINA A&T STATE UNIVERSITY

A member of the University of North Carolina system, North Carolina A&T State University ranks third in the system for research funding. As a land-grant university, it was founded to provide education in agriculture and mechanical and technical arts. It has built on those disciplines to develop strengths in such advanced new fields as biotechnology, computational science, and nanotechnology. NC A&T translates developments in its laboratories into practical technology that improves the quality of life and innovations that spur economic activity in Greensboro and beyond. It is accredited by the Commission on Colleges of the Southern Association of Schools and Colleges and is classified by the Carnegie Classification System as a doctoral/research university.

- ▶ 10,000+ students, 60 undergraduate degree programs, 30 master's degree programs and 6 doctoral degrees
- ▶ A&T offers 117 undergraduate majors, 50 master's majors, and 9 doctoral majors
- ▶ Strong history in agriculture and engineering that translates into cutting-edge research areas including:
  - Bioagriculture and bioengineering
  - Advanced composites and "smart" materials
  - Renewable energy
  - Atmospheric sciences and climate change
  - Computational science and engineering
  - Nanoengineering
  - Supply chain strategy and healthcare logistics
- ▶ Leading a National Science Foundation-sponsored Engineering Research Center (ERC) to develop new materials for use in cardiovascular, orthopedic, and craniofacial medical procedures
- ▶ Licensed new technologies in consumer product and industrial applications
- ▶ Spun out four companies ranging from bio-medical to financial trading applications, including Advaero Technologies, which specializes in composites engineering, design, and testing

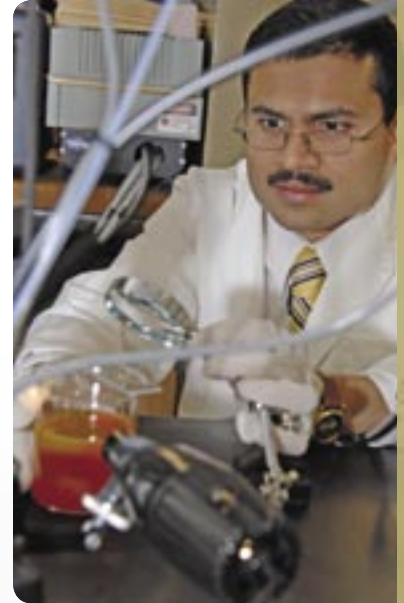


PHOTO COURTESY OF NORTH CAROLINA A&T STATE UNIVERSITY

## WAKE FOREST UNIVERSITY

Ranked 25th among national universities by *U.S. News & World Report* in 2011, Wake Forest University offers a liberal arts education enhanced by world-class graduate and professional schools.

- ▶ Offers College of Arts and Sciences, Graduate School of Arts and Sciences, School of Law, School of Medicine, two Schools of Business (undergraduate and graduate) and School of Divinity.
- ▶ New institutes and centers started in the last few years include the Institute for Public Engagement; Institute for Bioethics, Health and Society; Humanities Institute; Translational Science Center; Center for Nanotechnology and Molecular Materials; Center for Enterprise Research and Education; Center for Energy, Environment and Sustainability; and Center for Molecular Communication and Signaling.
- ▶ Wake Forest Baptist Medical Center is one of the nation's preeminent academic medical centers. The Wake Forest Institute for Regenerative Medicine was the first in the world to engineer laboratory-grown organs that were successfully implanted into humans.
- ▶ Reynolda House Museum of American Art and Graylyn International Conference Center, both affiliated with Wake Forest, are located adjacent to campus.



PHOTO COURTESY OF WAKE FOREST UNIVERSITY

## WINSTON-SALEM STATE UNIVERSITY

Preparing students for success in the 21st century, Winston-Salem State University offers quality baccalaureate and graduate-level programs in a traditional, residential setting as well as flexible weekend, evening, and online courses. As a historically black constituent of the University of North Carolina System, Winston-Salem State University contributes to the social, cultural, intellectual, and economic vitality of the Triad region and the state.

- ▶ Graduate programs include 10 master's degrees in fields such as physical therapy, healthcare administration, and business administration.
- ▶ Research centers and facilities include a new Human Performance and Biodynamics Laboratory, a collaboration between WSSU's School of Health Sciences and Wake Forest School of Medicine; a \$13 million Computer Science Center with dedicated graduate student lab space; and the Center of Excellence for the Elimination of Health Disparities.
- ▶ *U.S. News & World Report* has ranked the university as one of the "Top Public Comprehensive Colleges in the South" for 10 years running.

# RESEARCH PARKS CREATING A THRIVING ECONOMY

## GATEWAY UNIVERSITY RESEARCH PARK

Located on two 75-acre campuses in Greensboro, Gateway University Research Park is helping to transform Greensboro and the Triad region into a center of high-tech research.



THE JOINT SCHOOL OF NANOSCIENCE AND NANOENGINEERING  
AT GATEWAY UNIVERSITY RESEARCH PARK

- ▶ Created through a partnership between North Carolina A&T State University (NC A&T) and The University of North Carolina at Greensboro (UNCG)
- ▶ State-of-the-art research facilities for cutting-edge work in the life and physical sciences, engineering, technology, and other applied science areas
- ▶ Leaders from the business community and the universities are working together to use the research findings and products developed by faculty and students to connect to new and existing companies in the Triad and beyond.
- ▶ Home to the Joint School of Nanoscience and Nanoengineering. In August of 2010, JSNN began classes at Gateway University Research Park's South Campus, attracting students from all over the world to its doctoral and master's degree programs in Nanoscience and master's program in Nanoengineering. The school will also offer a doctoral program in Nanoengineering in the future.
- ▶ JSNN analytical tools include a Carl Zeiss SMT ORION® Helium Ion microscope - the only one of its kind located in the southeastern U.S. - along with partner labs; clean rooms; wet lab space; fermentation, thermochemical, and biophysics labs; and tissue culture and cell culture space.

## PIEDMONT TRIAD RESEARCH PARK

Piedmont Triad Research Park (PTRP) in Winston-Salem is emerging as an innovative community supporting the life sciences and IT research and development, and will eventually create more than 5.7 million square feet of laboratory, office, and mixed-use space in downtown Winston-Salem. Anchored by its first tenant, the Wake Forest School of Medicine's Department of Physiology and Pharmacology, this 200-acre research park currently offers 12 developed acres and 554,000 square feet of occupied space to life sciences-based companies including Targacept, which is developing therapies for nervous system diseases and disorders.

PIEDMONT TRIAD RESEARCH PARK

The vision guiding the park's expansion is to develop three distinct districts – each with its own unique character and focus.

- ▶ North Research and Mixed-Use District blends research facilities with office buildings, retail, restaurants, and residential structures
- ▶ Central Biomedical Campus District consists principally of University-related biomedical research areas and collaborating biomedical research firms
- ▶ South Academic and Research District contains biomedical research, development, and office uses associated with Winston-Salem State University, Center for Design Innovation, and Forsyth Technical Community College, among other uses.



# COLLEGES SHAPE QUALITY OF LIFE AND COMMITMENT TO EDUCATION

In addition to leading research institutions, Greensboro and the surrounding Piedmont Triad region offer several private colleges with a steady stream of excellent performances, speakers, community leaders, and well-prepared graduates that permeate our community with creativity and social awareness.

## GUILFORD COLLEGE

As the third oldest co-educational higher education institution nationally and fourth oldest college in North Carolina, Guilford College has deep roots in Greensboro.

- ▶ Founded by Quakers as New Garden Boarding School in 1837 and became a four-year college in 1888
- ▶ Offers the Triad's largest and oldest adult-centered bachelor's degree program
- ▶ The Early College at Guilford, a top-tier, nationally-ranked public high school, is located on campus
- ▶ 40 majors including unique programs in forensic biology, environmental studies, and peace and conflict studies
- ▶ Presents the Bryan Series lecture programming featuring nationally and internationally renowned speakers
- ▶ Each summer for 50 years, Guilford has hosted the Eastern Music Festival and School (EMF), featuring world-class musicians



PHOTO COURTESY OF GUILFORD COLLEGE

## GREENSBORO COLLEGE

Greensboro College, an independent, co-educational college affiliated with the United Methodist Church, is an academic and social community that unites the liberal arts and Judeo-Christian values in an atmosphere of diversity and mutual respect. Founded in 1838, the school features rigorous academics, a well-supported Honors program, an 18-sport athletic program, and dozens of service and recreational organizations.

- ▶ Approximately 1,200 students enrolled from 26 states, the District of Columbia, and 24 nations
- ▶ Offers 39 majors and more than 1,000 courses as well as four master's degrees in Elementary Education, Behavior and Emotional Disabilities, Learning Disabilities, and Teaching English to Speakers of Other Languages
- ▶ Special programs include but are not limited to: Allied Health, International Studies, Criminal Justice, and Writing Across the Curriculum
- ▶ Through its Village 401 service experience program, Greensboro College students, faculty and staff connect with and serve the college's neighbors in the 27401 zip code.



PHOTO COURTESY OF GREENSBORO COLLEGE

## BENNETT COLLEGE FOR WOMEN

Bennett College was founded in 1873 as a school for African-American men and women in the basement of the Warnersville Methodist Episcopal Church in Greensboro. Established in 1924 as a college for women, this small institution is credited with the education of many influential leaders, politicians, authors and activists.

- ▶ More than 5,400 individuals have graduated from the college since its inception
- ▶ 784 currently enrolled
- ▶ 16 areas of study in Education, Social Sciences, Humanities, Natural and Behavioral Sciences, and Mathematics
- ▶ \$22 million in construction projects were recently completed, including the Global Learning Center with offices, study rooms, and an auditorium; a new Honors Residence Hall; and the Intergenerational Center



PHOTO COURTESY OF BENNETT COLLEGE



PHOTO COURTESY OF HIGH POINT UNIVERSITY

## HIGH POINT UNIVERSITY

A liberal arts institution, High Point University has a student-centered approach and visionary plans for growth. HPU is ranked in the top seven percent of colleges and universities across the nation in the

2010 *Forbes* list of “America’s Best Colleges”, as one of the top 25 private schools in the nation in *PARADE* magazine’s “College A-List”, and was ranked #3 among all regional colleges in the South by *U.S. News & World Report* in 2011.

- ▶ Approximately 4,400 undergraduate and graduate students from 44 states and 51 countries. The traditional undergraduate program has grown from 1,450 in 2005 to 3,800.
- ▶ 42 undergraduate majors, 40 undergraduate minors and 10 master’s degrees including Chemistry, Business, Entrepreneurship, Global Trade, Home Furnishings, and Management Information Systems.
- ▶ The High Point University Board of Trustees approved the expansion of its transformational growth plan from \$300 million to \$2.1 billion over the next 10 years. The campus has grown from 91 acres in 2005 to nearly 300 acres today.
- ▶ Since 2005, HPU has opened the Phillips School of Business, the Nido R. Qubein School of Communication, the Wilson School of Commerce, the School of Education and the School of Art and Design. The schools offer innovative major and minor programs including interactive gaming and design, convergent journalism, entrepreneurship, women’s and gender studies, and dance.
- ▶ In 2014, HPU will open a School of Health Sciences. The school will house the current undergraduate programs in exercise science and athletic training, as well as proposed graduate programs in physician assistant studies and physical therapy. In addition, the university will also start a School of Pharmacy.
- ▶ A member of NCAA Division I athletics with 16 varsity sports – eight men’s and eight women’s
- ▶ HPU has raised \$170 million since Dr. Nido Qubein became president in 2005, including eight families who have donated \$10 million each.
- ▶ HPU students contributed more than 30,000 volunteer hours in community service and raised more than \$80,000 for charity in 2010-2011.
- ▶ HPU is designated as a Tree Campus USA by the North Carolina Division of Forest Resources. The designation is given to college campuses for promoting healthy urban forest management and engaging the campus community in environmental stewardship. It is one of five colleges in NC to receive the designation.

## ELON UNIVERSITY

Elon University, located just east of Greensboro, is a private comprehensive university known for excellent arts and sciences along with outstanding professional programs. Elon is ranked by *U.S. News & World Report* as the nation’s number one “School to Watch” and was featured as the nation’s “leader in engaged learning” by *Newsweek-Kaplan*.

- ▶ Approximately 5,700 undergraduate and graduate students (including Elon University School of Law students)
- ▶ Top-ranked study abroad and volunteer service programs
- ▶ Elon offers more than 50 undergraduate majors and graduate degrees in law, business, physical therapy, education, and interactive media
- ▶ Elon Phoenix athletics include 16 NCAA Division I men’s and women’s sports
- ▶ Trustees recently approved the establishment of a new School of Health Sciences, which will house the existing Doctor of Physical Therapy program along with Elon University’s new master’s program for physician assistants, which will enroll its first class in 2013.

**Elon University School of Law**, located in downtown Greensboro, includes an innovative Preceptor Program with over 50 practicing attorneys serving as mentors, preparing students to contribute to the profession immediately upon graduation.

- ▶ Elon University School of Law’s student body is dedicated to pro bono initiatives, with each class contributing more than 20,000 hours of community service.
- ▶ Offers a signature program in leadership and the law
- ▶ Home of the North Carolina Business Court (one of the few law schools in the nation to house a working court) and the Center for Engaged Learning in the Law



PHOTO COURTESY OF ELON UNIVERSITY SCHOOL OF LAW



PHOTO COURTESY OF SALEM COLLEGE

## SALEM COLLEGE

Originally started by Moravian settlers in 1772, Salem College is the oldest educational institution for women in the U.S.

- ▶ 1,100 students enrolled, including traditional undergraduate female students as well as men and women enrolled in graduate degree programs and courses through the Fler Center for Education
- ▶ Ranked as one of the top 10 Best Buys among women’s colleges seven years running by *Money* magazine and ranked in the “Top 100 U.S. Colleges” by *Forbes* magazine (2nd in North Carolina)
- ▶ Several areas of excellence including the Women in Science and Mathematics program, the Center for Women Writers, and the internationally-known School of Music

## UNIVERSITY OF NORTH CAROLINA SCHOOL OF THE ARTS

Part of the University of North Carolina system, the University of North Carolina School of the Arts (UNCSA) in Winston-Salem, NC trains high school, college, and graduate students in dance, drama, film, music, visual arts, and design and production in a professional conservatory environment. UNCSA was the first state-supported arts conservatory in the nation.

- ▶ Ranked by Kiplinger as 48th best value for public colleges in the nation.
- ▶ Students, faculty, and guest artists present over 300 performances and screenings every year
- ▶ Completely tuition-free for high school students that are NC residents
- ▶ Graduates find positions in TV, film, Broadway productions, premier ballet companies, and other prestigious performance venues worldwide

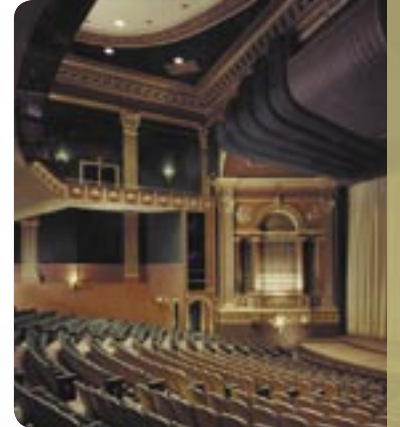


PHOTO COURTESY OF UNIVERSITY OF NORTH CAROLINA SCHOOL OF THE ARTS

# TECHNICAL EDUCATION AND CUSTOMIZED TRAINING

## GUILFORD TECHNICAL COMMUNITY COLLEGE

One of the largest community colleges in the nationally-recognized North Carolina Community College System, Guilford Technical Community College (GTCC) has been serving Greensboro and Guilford County for more than 50 years.



PHOTO COURTESY OF GUILFORD TECHNICAL COMMUNITY COLLEGE

- ▶ 18,000+ degree-seeking students, 26,500+ in Continuing Education
- ▶ Four campuses: Jamestown, Greensboro, High Point, and Donald W. Cameron; and three centers: Small Business, Aviation, and Global Logistics
- ▶ GTCC’s Donald W. Cameron campus – currently under construction – will house the North Carolina Center for Global Logistics and the college’s Business and Industry Division as well as a state-of-the-art warehouse, conference center, and classroom space for logistics and aviation courses.
- ▶ Outstanding programs in Aviation, Manufacturing Technology, Engineering Technology, Biotechnology, Entertainment Technology, and more
- ▶ Partners with new and existing companies through its Business and Industry Division to train workers and increase competitiveness
- ▶ The T.H. Davis Aviation Center is a 36,000 square foot training facility located on the Piedmont Triad International Airport campus with dedicated shops for aircraft engines, welding, aircraft electrical systems, and Powerplant training. Much of this training is done on a fleet of seven fully operational aircraft, including a Boeing 727-100. GTCC has an additional 60,000 square foot facility near Honda Aircraft Company, where the college provides composites, non-destructive testing, avionics, sheet metal fabrication, and most of the airframe courses. The Aviation Center graduates 55 to 60 Airframe and Powerplant (A&P)-certified students and up to 120 Airframe Structures Technicians annually, and is also providing customized training for companies such as Honda Aircraft Company, TIMCO Aviation Services, and Atlantic Aero.



## OPPORTUNITY GREENSBORO: A BUSINESS AND COLLEGIATE PARTNERSHIP

Leaders of Greensboro's academic and business communities have formed Opportunity Greensboro, a concerted effort to further the connections between businesses and our colleges and universities. Through this national model of collaboration, we are focusing on opportunities to transform our wealth of academic learning into commercial success, creating a competitive advantage for business growth in Greensboro. The collaboration will:

- ▶ Identify and implement results-oriented programs and activities
- ▶ Enable the business community to access the research available in our colleges and universities
- ▶ Establish opportunities for academic theories to be evaluated for business applications



**Opportunity Thrives Here.**  
**So Can You.**

## COLLEGES & UNIVERSITIES

From continuing education to undergraduate degrees at nationally recognized universities, to advanced degrees in law, genomics, supply chain management and business administration, Greensboro has skilled manpower ready for the challenges of a growing economy. In fact, North Carolina A&T State University can boast that the institution graduates the largest number of African-American engineers, African-American female engineers, and Ph.Ds in the nation.

<i>INSTITUTION</i>	<i>HIGHEST DEGREE</i>	<i>ENROLLMENT</i>	<i>DEGREES CONFERRED</i>	<i>LOCATION</i>
<b>The University of North Carolina at Greensboro</b>	Doctorate	18,673	2,624	Greensboro
<b>North Carolina A&amp;T State University</b>	Doctorate	10,719	1,161	Greensboro
<b>Wake Forest University</b>	Doctorate	7,162	1,645	Winston-Salem
<b>Winston-Salem State University</b>	Master's	6,425	1,308	Winston-Salem
<b>Elon University</b>	Doctorate	5,356	1,197	Elon
<b>Elon University School of Law</b>	J.D.	344	98	Greensboro
<b>High Point University</b>	Master's	4,400	785	High Point
<b>Guilford College</b>	Bachelor's	2,828	534	Greensboro
<b>Greensboro College</b>	Master's	1,200	223	Greensboro
<b>University of North Carolina School of the Arts</b>	Post-Master's (Professional Artist Certificate)	1,151	215 (university) 118 (high school)	Winston-Salem
<b>Salem College</b>	Master's	1,100	238	Winston-Salem
<b>Bennett College for Women</b>	Bachelor's	784	109	Greensboro
<b>Guilford Technical Community College</b>	Associates	18,000 (degree-seeking) 26,500 (in continuing education)	1,150	Jamestown, Greensboro, and High Point



Greensboro Economic Development Alliance is a private, non-profit organization, created to be the primary point of contact for companies and consultants interested in considering Greensboro and Guilford County, NC for a new business location. We provide a broad range of services to clients at no charge and coordinate all aspects of data gathering and site visits to our community.

**For more information, please contact us at 1-888-693-6939  
or visit us online at [www.greensboroeda.com](http://www.greensboroeda.com).**

