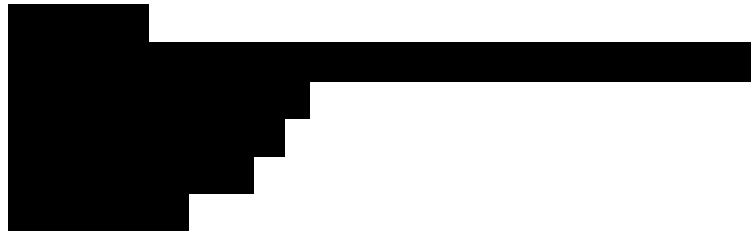


HAROLD L. MARTIN SR., PH.D.



PROFESSIONAL SUMMARY

Executive level higher education professional with more than 30 successful years of transformative experience, distinguished by long-range strategic planning and tactical leadership.

ADMINISTRATIVE EXPERIENCE

6/2009 – present

North Carolina Agricultural and Technical State University, Greensboro, NC

CHANCELLOR

Chief executive and administrative head of a historically black, land-grant, doctoral university with high research activity, exercising overall authority, subject to the direction of the Board of Trustees and the president of The University of North Carolina System—a 17-campus system governed by the Board of Governors. Sets the strategic direction for the institution; maintains fiscal integrity; broadly markets the institution; builds strong and lasting relationships with institutional constituents, business and community leaders, alumni and friends; and raises funds to meet the needs of the institution.

Major accomplishments:

- Developed strategic plans—A&T Preeminence 2020: Embracing Our Past, Creating Our Future and A&T Preeminence: Taking the Momentum to 2023—to guide efforts for N.C. A&T to become the institution of choice for high achieving students; attain/maintain a level of high research activity; rank among the nation's leading research institutions; employ distinguished faculty/staff; increase the endowment; be highly engaged in local/regional activities; and become a diverse campus.
- N.C. A&T has been the nation's largest HBCU since 2014 and achieved record enrollment (12,556) in fall 2019.
- Student retention has grown to nearly 80%, which is higher than the national average.
- N.C. A&T has consistently ranked among the UNC System's top universities for funded research, reaching \$64.4 million in FY 2019.
- N.C. A&T has grown its statewide economic impact to more than \$1 billion and its regional economic impact to more than \$700 million.
- N.C. A&T has fostered strategic local partnerships such as the Joint School of Nanoscience and Nanoengineering, Opportunity Greensboro and Union Square.
- The university's endowment market value increased 99 percent in FY 2018 to \$74.2 million.

- N.C. A&T is the top ranked public HBCU and is ranked among the top national universities (U.S. News & World Report "Best Colleges" 2020).

7/2006 – 5/2009

University of North Carolina General Administration, Chapel Hill, NC

SENIOR VICE PRESIDENT FOR ACADEMIC AFFAIRS

Led the development and implementation of the academic mission of the university system, including teaching, research, international programs and student affairs. Units that comprised the Division of Academic Affairs included Academic Planning; Faculty Support and International Programs; Academic and Student Affairs; Sponsored Programs and Research; Strategy Development and Analysis; the College Foundation of North Carolina; and the North Carolina State Education Assistance Authority. Advised the president and provided leadership to the President's Leadership Council on academic affairs issues and related matters and advised the Board of Governors on academic affairs issues of university-wide importance.

Major accomplishments:

- Led strategic academic planning and the implementation of resulting policies affecting the system.
- Worked closely with campus chancellors and chief academic officers on university-wide academic initiatives.
- Worked to maintain the focus of the missions of the campuses.
- Implemented the academic portion of the system's long-range plan.

1/2000 – 7/2006

Winston-Salem State University, Winston-Salem, NC

CHANCELLOR

Served as the executive and administrative head of the university, exercising overall authority under the direction of the president of The University of North Carolina System; carried out the policies of the Board of Trustees and the Board of Governors; served as the official medium of communication between the president, the administration, faculty members, students and employees.

Major accomplishments:

- Successful reaffirmation of accreditation by the Southern Association for Colleges and Schools (SACS), April 2000, and successful accreditation of the School of Business by the American Association of Collegiate Schools of Business (AACSB), February 2000.
- Reorganization of the university.
- Established School of Graduate Studies and Research (fall 2001) with seven new master's degree programs: Business, Education, Occupational Therapy, Physical Therapy, Rehabilitation Counseling, Nursing and Computer Science.
- Established WSSU as a totally connected and wireless campus and established the Technology Requirement Initiative that requires all entering freshmen to have laptop, desktop or other technology device.

- Approximately \$85 million invested in new facilities and facility renovations (funded by North Carolina Higher Education Bonds and WSSU Foundation).
- Initiated \$35 million capital campaign (fall 2004)—the largest in university history.

11/1994 – 12/1999

North Carolina Agricultural and Technical State University, Greensboro, NC
VICE CHANCELLOR FOR ACADEMIC AFFAIRS

Provided administrative oversight of all academic programs in the university's five schools, two colleges and seven support units; managed the allocation of all resources that support educational programs (approximately \$40 million); served on the Chancellor's Cabinet and as liaison to the Board of Trustees Personnel Subcommittee and Education and Research Subcommittee; provided leadership in faculty recruitment, faculty development, and promotion and tenure decisions; facilitated faculty governance and curriculum development; and represented the university in a wide range of forums.

Major accomplishments:

- Worked jointly with the chancellor and other university administrators, faculty and community leaders to create the Piedmont Triad Center for Advanced Manufacturing (PT CAM), a joint venture with manufacturing industries in Guilford County, Guilford Technical Community College, Guilford County Schools and the Greensboro Chamber of Commerce.
- Worked with the deans to establish aggressive initiative to enhance academic program quality. The low producing degree programs were reduced approximately 50% by the third year.
- Initiated efforts to improve accountability through the establishment of term appointments for deans and chairpersons (effective fall 1997).
- In coordination with appropriate deans, established new degree programs: Master's in Social Work (jointly with the University of North Carolina at Greensboro), Master's in Physics, Master's in Chemical Engineering, Bachelor's in Manufacturing Systems, Bachelor's in Graphic Communications Systems and Bachelor's in Electronics and Computer Technology.
- Facilitated with appropriate deans the submission of proposals that resulted in UNC System approval of new academic program planning: Ph.D. in Industrial Engineering, Master's in Civil Engineering and Master's in Management.
- Appointed a university-wide committee to review the university's general education requirements and to make recommendations for significant enhancements, e.g., quality of the freshman and sophomore educational experience and student performance.
- Established program to significantly enhance the campus' technology and telecommunications infrastructure and the availability of computers for faculty and students. The position of associate vice chancellor for academic affairs—technology and telecommunications—was established in January 1998 to provide leadership.
- Worked with faculty committees to establish a Phased Retirement Policy and a Post-Tenure Review Policy.

7/1989 – 10/1994

North Carolina Agricultural and Technical State University, Greensboro, NC
PROFESSOR AND DEAN, COLLEGE OF ENGINEERING

Provided administrative oversight of all academic programs (bachelor's, master's and doctoral) and student affairs (1,700 undergraduates and 400 graduates), which were supported by a faculty of 103 (93 tenured/tenure track faculty, eight faculty funded through external sources and two visiting faculty from industry/government) and a budget of approximately \$15 million. The college was composed of seven departments (architectural, chemical, civil, electrical, industrial and mechanical engineering, and computer science), the Center for Composite Materials, the Mars Mission Research Center, the Rockwell Solid State Electronic Materials Laboratory and the Communications and Signal Processing Laboratory. Also managed the allocation of all resources supporting teaching, research, and service; provided leadership for all faculty recruitment, promotion and tenure decisions, curriculum development and faculty governance; oversaw primary fund-raising responsibility for the college; served on the Deans Council; and was a liaison with regional corporate/government technical executives.

Major accomplishments:

- Developed a well-defined, five-year (1991–96) strategic plan for the School of Engineering, with input from chairpersons, faculty, staff, students and the school's Industry Advisory Board. .
- Requested the name change of the School of Engineering to the College of Engineering in May 1994, based on the enormous growth in quality and breadth of the educational and research programs.
- Based on high school GPA and SAT/ACT scores, the number and quality of undergraduate students grew from 850 students to approximately 1700—an increase of 100%. The number and quality of graduate students also grew from 145 students to approximately 342 students, an increase of 135%.
- Faculty size grew from 54 to 94. Faculty members hired in the College of Engineering were recruited exclusively from the top 25 universities in the country, based on the U.S. News & World Report rankings of engineering doctoral programs.
- Research in the college grew from approximately \$5 million in 1989 to approximately \$10.5 million in 1994. This increase in research and developmental funding resulted in the creation of exceptional research and computing facilities.
- Developed extensive computing and telecommunications infrastructure in support of educational and research programs.
- Developed a very successful partnership between the College of Engineering and the local corporate and municipal leaders. This partnership evolved through the promotion of the College of Engineering as the “Piedmont Triad's College of Engineering.”
- Successfully funded five endowed/distinguished faculty positions.
- Research expenditures in the college grew from \$5 million in 1989 to approximately \$10.5 million in 1994, while private and philanthropic investments in the College grew from \$750,000 per year in 1989 to approximately \$5.5 million in 1994.
- Recognized by the National Technical Association (NTA) in 1994 as the College of Engineering of the Year.

OTHER EXPERIENCE

- 7/1989 – 10/1994 North Carolina Agricultural and Technical State University
Professor and Dean, College of Engineering
- 1/1987 – 6/1994 North Carolina State University
Joint Appointment: Adjunct Associate Professor, Electrical and Computer Engineering
- 7/1985 – 1/1987 North Carolina Agricultural and Technical State University
Chairman, Department of Electrical Engineering
- 10/1984 – 6/1985 North Carolina Agricultural and Technical State University
Acting Chairman, Department of Electrical Engineering
- 7/1982 – 9/1984 North Carolina Agricultural and Technical State University
Associate Professor of Electrical Engineering
(Tenured 7/1984)
- 1/1980 – 6/1982 North Carolina Agricultural and Technical State University
Assistant Professor of Electrical Engineering

CONSULTING

- Battelle Inc., Durham, NC
- Research Triangle Institute, Research Triangle Park, NC
- Southeastern Center for Electrical Engineering Education (SCEEE), St. Cloud, FL
- Gilbarco Inc., Greensboro, NC
- Naval Underwater Systems Center, Newport, RI
- Digital Equipment Corporation, Hudson, MA

EDUCATION

- January 1980 Ph.D., Electrical Engineering
Virginia Polytechnic Institute and State University
Dissertation: A Reconfigurable Cellular Array Structure
- December 1975 M.S.E., Electrical Engineering
North Carolina Agricultural and Technical State University
- December 1973 B.S.E.E., Electrical Engineering
North Carolina Agricultural and Technical State University
Honor Societies: Alpha Lambda Delta, The National Honor Society for First-Year Success; Eta Kappa Nu, The International Honor Society of the Institute of Electrical and Electronics Engineers; Tau Beta Pi, The Engineering Honor Society; Who's Who Among Students in American Colleges and Universities

SELECTED HONORS

- Education Leadership Award, Thurgood Marshall College Fund, 2019
- Triad Power Players, Triad Business Journal, 2017
- Power 100, EBONY Magazine, 2015
- Thomas Z. Osborne Distinguished Citizen Award, Greensboro Partnership, 2015
- Leo M. Lambert Engaged Leader Award, North Carolina Campus Compact, 2013
- Brotherhood/Sisterhood Citation Award, The National Conference for Community and Justice, 2012
- John L. Sanders Student Advocate Award, University of North Carolina Association of Student Government, 2011
- Distinguished Alumnus of the College of Engineering, Virginia Polytechnical Institute and State University, 2010
- Alumni of the Year Award, Virginia Polytechnical Institute and State University, 2009
- Virginia Polytechnical Institute and State University, College of Engineering Academy of Engineering Excellence, 2008
- L.L.D., Honorary Doctor of Laws, Wake Forest University, May 2007
- Citizen and Service Award, Duke Power, 2005
- Fifth Annual African American Achievement Award for Education, McDonald's, 2005

AFFILIATIONS (CURRENT)

- Action Greensboro, Board of Directors
- Blue Cross and Blue Shield of North Carolina, Board of Trustees
- Blue Cross and Blue Shield of North Carolina Foundation, Board of Directors
- Council of 1890 Presidents, Member
- Gateway Research Park, Board of Directors
- Greensboro Men's Club, Member
- Greensboro Science Center, Board of Directors
- Greensboro Sports Foundation, Board of Directors
- Mid-Eastern Athletic Conference, Council of Chief Executive Officers
- North Carolina Campus Compact, Executive Board
- Piedmont Federal Savings Bank, Board of Directors
- Piedmont Triad Partnership, Board of Directors
- President's Board of Advisors on HBCUs, Advisor
- Ready for School, Ready for Life, Board of Directors
- Research Triangle Institute, Board of Governors
- Thurgood Marshall College Fund, Board of Directors
- Truist Foundation, Board of Directors
- Union Square, Board of Directors
- Wyndham Championship, Board of Directors

SELECTED FUNDED RESEARCH AND DEVELOPMENT AWARDS

- College Access Challenge Grant
Sponsor: U.S. Department of Education (\$1.9 million)
October 1, 2008–September 30, 2010

- The Center for Community Safety
Sponsor: The Kate B. Reynolds Charitable Trust (\$1.8 million)
January 1, 2001-December 31, 2006
- NSF Alliance for Minority Participation (AMP)
Sponsor: National Science Foundation (\$10,000,000)
November 1, 1992-October 31, 2002
- ONR Ph.D. Fellowship Program
Sponsor: Department of the Navy (\$1,557,100)
January 1, 1992-June 30, 2000

PATENT

- U.S. Patent No. 5,457,702

PUBLICATIONS

- S.S. Ardalan, H. Martin, T.K. Wang, and C. Stuart, "ASIC Implementation of a 16-Kbps Waveform Coder Using Adaptive Vector Quantization." IEEE International ASIC Conference and Exhibit (ASIC '92) Proceedings. September 1992.
- T. Kahveci and H. Martin, "Building Block Concept for Static Connected MIMDs: Development of Building Block Modules." Proceedings of Southeastern Symposium on System Theory. 1992.
- T. Kahveci and H. Martin, "Parallel Microprocessor Architecture as a Building Block Module for Implementation of Static Connected MIMDs: Architectural Design of Building Block Module." Proceedings of Southeastern Symposium on System Theory. 1992.
- J. Wicks and H. Martin, "Design of a Fault-Tolerant Central Processing Unit Using VHDL." 23rd Annual Southeastern Symposium on System Theory. University of South Carolina, Columbia, South Carolina. March 10-12, 1991.
- J. Wicks and H. Martin, "Design of a Fault-Tolerant Central Processing Unit Using VHDL." Second Annual Symposium on Communications, Signal Processing and ASIC VLSI Design. North Carolina A&T State University. March 21-22, 1991.
- Chris Ryan and J. Martin "A CAD Tool for Circuit Extraction from VLSI Layout Processing Techniques." Final Interim Report, Naval Surface Weapons Center. September 1989.
- H. Martin and Ranjani Ram, "A CAD Tool for circuit Extraction from VLSI Layout." Proceedings of Southeast Con '89. Columbia, South Carolina. April 1989.
- H. Martin and Ranjani Ram, "A CAD Tool for circuit Extraction from VLSI Layout." Proceedings of Southeast Con '89. Columbia, South Carolina. April 1989.
- H. Martin and Ranjani Ram, "A CAD Tool for circuit Extraction from VLSI Layout." Proceedings of Southeast Con '89. Columbia, South Carolina. April 1989.

- H. Martin and Ranjani Ram, "A CAD Tool for circuit Extraction from VLSI Layout." Proceedings of Southeast Con '89. April 1989.
- C.N. Zhang, H.L. Martin and D.Y.Y. Yun, "Parallel Algorithms and Systolic Designs for RSA Cryptosystem." 1988 International Conference on Systolic Arrays. May 1988.
- Y.M. Kim, P. Roblin, H.L. Martin and J.H. Kim, "An Analytical CAD Model for Short Channel MODFET's." IEEE Trans. Electron Devices.
- Y. Kim, H. L. Martin, J. Kim, P. Roblin, "Quasi Three Section Model for MOSFETs." Proceedings of SoutheastCon '88.
- F. Flores, H.L. Martin, and Y. Kim, "VLSI Implementation of a Fast Fourier Transform algorithm." Proceedings of the 31st Midwest Conference on Circuits and Systems. August 1988.
- H.L. Martin, E. Hughes, J. Kim, E. Jones, "An Emulation Tool for Verification of Complex Algorithms Implemented on a Multiple Processor." 20th Southeastern Symposium on Systems Theory. March 1988.
- J. Kim, H.L. Martin, S. Park, and W. Alexander, "VLSI Implementation of a Generic Architecture for Digital Signal Processing." 21st Asilomar Conference on Signals, Systems and Computers. November 2-4, 1987.
- Kumar, A. Mohammadi, and H.L. Martin, "Load Frequency Control in a Laboratory Environment." 30 Midwest Symposium on Circuits and Systems. September 1987.
- H.L. Martin, A. Kumar, S. Velamuri, and G. Lebby, "On Line Monitoring and Real Time Control of Power Systems." Miami Technicon '87.
- J. Mitchell, H.L. Martin, W.E. Alexander, and E. Sherrod, "A Multiple Processor Implementation of a Real Time Image Processing System." 17th Southeastern Symposium on System Theory. March 1985.
- H.L. Martin, C.C. Narasimhaiah, "A Programmable Interconnection Network Module." Proceedings of SoutheastCon '85. April 1985.
- H.L. Martin, S. Sadhasivan, "An Array Processor for Matrix Computations," 18th Asilomar Conference on Circuits and Systems. November 1985.
- H.L. Martin, S. Sadhasivan, "A Parallel MIMD Machine for Matrix Computations," Proceedings of the 16th Annual Southeastern Symposium on System Theory. March 1984.
- H.L. Martin, R.M. Frederick, "Reliability Method for Maximum Efficiency in a System of Interconnected Processors." Proceedings of the 15th Annual Southeastern Symposium on System Theory, pp. 199-204. March 1983.
- H.L. Martin, W.E. Alexander, B. Thimaya, "A VLSI Chip for Real time Image Processing." Proceedings of SoutheastCon '82, pp. 407-410. April 1982.
- H.L. Martin, W.E. Alexander, B. Thimaya, "A VLSI Implementation of a Digital Filtering Algorithm for Image Processing." Proceedings of the 14th Annual Southeastern Symposium on System Theory, pp. 202-205. April 1982.

- H.L. Martin, W.E. Alexander, "A Real Time Image Processing System." Final Report, General Electric Co. January 1982.
- H.L. Martin, F.G. Gray, J.R. Armstrong, "Multiple Faults in a Two-Dimensional Self-Reconfigurable Tessellation Automaton." Proceedings of the 12th Annual Southeastern Symposium on System Theory. May 1980.
- H.L. Martin, F.G. Gray, J.R. Armstrong, "A Two-Dimensional Self-Reconfigurable Tessellation Automaton." Proceedings of SoutheastCon '80. April 1980.
- H.L. Martin, F.G. Gray, J.R. Armstrong, "Multiple Faults in a One-Dimensional Self-Reconfigurable Control System." Proceedings of the 11th Annual Southeastern Symposium on System Theory, pp. 66-69.
- H.L. Martin, F.G. Gray, J.R. Armstrong, "One-Dimensional Control in Self-Reconfigurable Systems." Proceedings of SoutheastCon '79.