

AN NC CHAMBER EVENT

Education & Workforce Conference

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Dr. Louis A. Martin-Vega
Dean of Engineering
North Carolina State University

Dr. Louis A. Martin-Vega is the dean of engineering at North Carolina State University in Raleigh, North Carolina. With more than 10,500 students, 750 faculty and staff members and more than \$200M in annual research expenditures, NC State's College of Engineering is internationally recognized for the excellence of its research, education and outreach programs. It also has the distinction of being one of only two colleges of engineering to concurrently lead two National Science Foundation (NSF) Engineering Research Centers (ERC) – the ASSIST Center and FREEDM Systems Center – and is routinely ranked among the “top 15” colleges of engineering nationwide in annual research expenditures, as well as being the 13th-ranked public college of engineering at the graduate level in the United States.



Martin-Vega came to NC State in 2006 after spending five years as dean of engineering at the University of South Florida, where his efforts there also resulted in significant growth and expansion of their faculty and student body and research portfolio. He has also held several prestigious positions at NSF, including acting head of its Engineering Directorate and director of NSF's Division of Design, Manufacture and Industrial Innovation. His efforts at NSF lead to the creation of the foundation-wide GOALI program and RET programs as well as many other initiatives that enhanced industry-university research collaboration and greater inclusion of women and underrepresented minorities in engineering education and research.

Additionally, he has served as chairman of the Department of Industrial and Manufacturing Systems Engineering at Lehigh University and Lockheed Professor in the College of Engineering at Florida Institute of Technology. He has also held tenured faculty positions at the University of Florida and the University of Puerto Rico at Mayaguez.

His research and teaching interests are in production and manufacturing systems, logistics and distribution, operations management, engineering education and broadening participation. He has published more than 100 journal and conference papers, made over 200 presentations and received over \$10 million in grants and contract for work in these areas. His work has been supported by NSF, the National Institute of Standards and Technology, the US Air Force, Harris Semiconductor and Hewlett-Packard, among other sources.

Martin-Vega received a B.S. in industrial engineering from the University of Puerto Rico at Mayaguez, an M.S. in operations research from New York University and M.E. and Ph.D. degrees in industrial and systems engineering from the University of Florida.