

Patrick Carriere, P.E.

Professor & Associate Dean

Education	<ul style="list-style-type: none">• Ph.D., Civil Engineering, Texas A&M University, August 1988• M.S., Agricultural Engineering, Texas A&M University, August 1985• B.S., Civil Engineering, Faculte des Sciences Appliquees, Haiti, 1979
Academic Experience	<ul style="list-style-type: none">• July 2008 to Present – Associate Dean and Professor – College of Engineering, Southern University, Baton Rouge• May 2000 to Present – DOE Massie Chair of Excellence Professor – Department of Civil Engineering, Southern University, Baton Rouge• May 1999 to August 2008 – Professor and Chair – Department of Civil Engineering, Southern University, Baton Rouge• January 1998 to April 1999 – Professor and Interim Chair – Department of Civil Engineering, Southern University, Baton Rouge
Non-Academic Experience	<ul style="list-style-type: none">• July 2010 to Present – Associate Dean / Director of Graduate Programs – College of Engineering, Southern University, Baton Rouge• September 2004 to August 2005 – Program Director – National Science Foundation (NSF) Joint Divisions of Undergraduate Education and Engineering Education and Centers, Arlington, Virginia• July 2004 to July 2008 – Associate Dean for Research and Graduate Programs – College of Engineering, Southern University, Baton Rouge
Certifications & Professional Registrations	PE, Texas
Scientific & Professional Societies	Member, American Society of Civil Engineers
Honors & Awards	<ul style="list-style-type: none">• Received the Civil Engineering Most Outstanding Faculty Award of the Year 2000-2001, 1999-2000, and 1998-1999, Southern University• Received the College of Engineering Outstanding Young Researcher Award of the Year 94-95, West Virginia University
Service	<ul style="list-style-type: none">• Chair of the Department of Civil Engineering• Chair of Search Committee for Environmental Toxicology Ph.D. Program Director, October 2000• Chair of Master of Engineering Proposal Committee, October 1998 to Present• Member of University and College SACS Committee, 1998 to Present• Member of College of Engineering Strategic Planning Committee, 1998 to Present• Member of University Catalog Committee 1999 to Present• Project Director of Summer Transportation Institute Program, 1998 to Present

	<ul style="list-style-type: none"> • Visited U.S Corps of Engineers, Vicksburg to discuss research opportunities for SU College of Engineering Faculty, April 1999 • Visited U.S Corps of Engineers, New Orleans to discuss research opportunities for SU College of Engineering Faculty, May 1999 • Visited LA Office of Emergency Preparedness, Baton Rouge to discuss research opportunities for SU College of Engineering Faculty, June 1999 • Visited LA Board of Regents Civil Engineering, April 1999 • Met with IT Corporation to discuss research opportunities for College of engineering Faculty, 1998 to 1999 • Visited Louisiana Transportation Research Center (LTRC) to discuss research opportunities for Civil Engineering Faculty, 1998 to 1999 • Supervised MURE/NASA undergraduate students research, Fall 1998 and Spring 1999
<p>Publications & Presentations</p>	<ul style="list-style-type: none"> • Xinjia Chen, Fred Lacy, and Patrick Carriere, "An exact computational method for performance analysis of sequential test algorithms for detecting network intrusions," Proc. SPIE Conferences, Baltimore, Maryland, April 2015. • Xinjia Chen, Patrick Carriere, and Fred Lacy, "Stochastic optimization of space-time constellations," Proc. SPIE Conferences, Baltimore, Maryland, April 2015.
<p>Professional Development</p>	<ul style="list-style-type: none"> • Attended the 2003 Black Engineer Conference, February 2003 • Attended the EPA-Brownsfield Convention, March 2002, Charlotte, North Carolina • Attended ABET workshop, October 2002, Baton Rouge, Louisiana • Attended National ASCE conference, October 2001, Houston, Texas • Attended ABET Evaluator workshop, Houston Texas • Attended ABET 2000 workshop, October 2001, Houston Texas. • Attended Technical Qualifications Program Workshop, May 1998, North Carolina