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Dr. Yu has been the Dean of the College of Science and Technology at Texas Southern University since September 2009. In this position, he serves as chief academic and administrative officer of the College under the general direction of Provost, and provides leadership in formulating educational policies. He is responsible for supervising the College's daily operations, managing the College's budget, and leading fund-raising efforts. Academic departments under his direction include Aviation Science and Technology, Biology, Chemistry, Computer Science, Engineering Technology, Environmental Science and Technology, Industrial Technology, Mathematics, Physics, and Transportation Studies. He also oversees a number of significant research centers in the college, such as the NASA University Research Center (URC), National Transportation Security Center of Excellence for Petrochemical Transportation (NTSCE-P), and Center for Transportation Training and Research (CTTR).

Dr. Yu originally joined the faculty in the Department of Transportation Studies in 1994, and is currently serving as a Professor of Transportation Planning and Management as well as Co-PI of National Transportation Security Center of Excellence for Petro-Chemical Transportation. Previously, he had been the Interim Chair and Chair of Department of Transportation Studies for 12 years. In his tenure at TSU, he has secured 40+ externally funded projects sponsored by Texas Department of Transportation (TxDOT), Federal Highway Administration (FHWA), Southwest Region University Transportation Center (SWUTC), Houston Advanced Research Center (HARC), and other organizations. Dr. Yu has been the driving force in the development of highly recognized academic programs and top-of-the-line transportation laboratory facilities. The Master of Science degree program in Transportation Planning and Management at TSU now has a high reputation internationally. He developed a proposal that secured 2 million dollars from the Port of Houston Authority to implement a new academic program in Maritime Transportation Management and Security. The advanced laboratories that were developed under the leadership of Dr. Yu include full-motion driving simulator, mobile traffic lab, real-time traffic monitoring system Mini-TranStar, and Portable Emission Measurement System (PEMS), which have been providing unprecedented level of support to the university in accomplishing various academic and research programs. Dr. Yu also provided strong support to different levels of cooperation through inter-institutional programs. He has facilitated the signing of an international collaborative agreement between TSU and Beijing Jiaotong University in China, which has provided scholarships to TSU students to study in Beijing and established a Confucius Institute at Texas Southern University. Under his leadership in the position of Department Chairman, the Department of Transportation Studies was awarded the Department of the Year in April 2004.

Besides his administrative accomplishments, Dr. Yu also made great academic and scholarly innovations. He has published more than 200 research papers and made over 100 presentations. Dr. Yu is an active member of Institute of Transportation Engineers (ITE), the American Society of Civil Engineers (ASCE), the Transportation Research Board (TRB), and a number of other professional organizations. He also holds the membership in numerous committees, such as TRB Transportation and Air Quality Committee (ADC20), as well as other regional, national, and international councils, task forces, and organizations. Dr. Yu is a professional engineer registered in the State of Texas. He received his Ph.D. degree in Civil/Transportation Systems Engineering from Queen's University (Canada) in 1994, M.S. Degree in Production and Systems Engineering from Nagoya Institute of Technology (Japan) in 1988, and Bachelor of Engineering Degree in Transportation Management Engineering from Beijing Jiaotong University (China) in 1984.