Mission
OF THE CIVIL AND ENVIRONMENTAL ENGINEERING DEPARTMENT
The faculty of the Department of Civil and Environmental Engineering are committed to excellence in teaching, research, and service to the community and the engineering profession. The Civil and Environmental Engineering Department’s mission is to provide our students an education that integrates fundamental science and engineering skills with design principles to solve engineering problems. Our programs provide students opportunities for graduate education, to acquire life-long learning skills, and to participate in research that advances the discipline and benefits society. Students will be prepared to become professional engineers and leaders in the Civil and Environmental Engineering profession.

Goals
OF THE CIVIL AND ENVIRONMENTAL ENGINEERING DEPARTMENT
The goals of the Civil and Environmental Engineering Department are:
• Provide an exceptional undergraduate and graduate education that empowers students to become leaders in the civil and environmental engineering profession.
• Offer innovative educational programs consisting of instruction, experiential learning and research activities that cultivate student critical thinking skills, leadership, and desire for lifelong learning.
• Serve as a preeminent civil and environmental engineering research department providing transformative solutions to regional and global problems.

DEGREES OFFERED
The Department of Civil and Environmental Engineering offers the following degrees:
• B.S. in Civil Engineering
• Master of Science in Civil Engineering (MSCE)
• Master of Civil Engineering (MCE)
• (Ph.D.) in Civil Engineering
• (Ph.D.) in Environmental Science and Engineering
In collaboration with College of Sciences
The department has five engineering specialty areas including:
• Environmental Engineering
• Geotechnical Engineering
• Structural Engineering
• Transportation Engineering
• Water Resources Engineering

RESEARCH LABORATORIES
The Department of Civil and Environmental Engineering has state-of-the-art laboratories for each major technical area:
• Geomaterials (AASHTO Accredited)
• Geotechnical
• Hydrometeorology/GIS PC workstation lab
• Environmental
• Bio-environmental
• Structures
• Hydraulics
• PC/CAD

COLLEGE OF ENGINEERING
It has been ranked for five years in a row as being among the top 10 best graduate schools for Hispanics, and service activities focus on outreach to K-12 students to support the STEM pipeline. Faculty and students conduct research leading to innovative technologies in areas such as information security, biomedical systems, multifunctional materials, engineering infrastructure, manufacturing, computational modeling, energy and environmental technology. From 2000 to 2011, annual research expenditures in the college increased from less than $500,000 to more than $10 million.
CIVIL AND ENVIRONMENTAL ENGINEERING AT UTSA

The American Society of Civil Engineers (ASCE) defines civil engineering as “the profession in which a knowledge of the mathematical and physical sciences gained by study, experience and practice is applied with judgement to develop ways to utilize, economically, the materials and forces of nature for the progressive well-being of humanity by providing structures for the use of humankind.”

The Department of Civil and Environmental Engineering is committed to providing a learning environment which encourages discovery and advancement for the betterment of its students and the community. Through its research, public service and instructional programs, the department seeks to serve the needs of San Antonio and South Texas by providing educational research opportunities which will contribute to the technological and economic development of the region.

Civil engineering offers students the opportunity to prepare for careers concerned with critical problems of a multifaceted society, dealing with topics that may have profound environmental, social and financial impacts.

ABOUT UTSA

The University of Texas at San Antonio was established in 1969 as a "university of the first class" by the Texas Legislature. It has evolved from 670 students in 1973 to more than 30,000 undergraduate and graduate students today. UTSA is the second-largest component in the University of Texas System and offers 66 bachelors', 52 masters' and 24 doctoral degree programs. UTSA’s campuses offer unique opportunities to learn, discover and grow. The 600-acre Main Campus is the hub of UTSA and home to students nearly every hour of the day and night. The Main Campus features the University Center, the Recreation and Wellness Center, the Convocation Center, many student organizations, UTSA residence halls, two libraries and a variety of food options. UTSA is a university of first choice for students from Texas, the nation and more than 85 countries. UTSA prides itself on its diverse student population. More than 58 percent of UTSA students are from underrepresented groups. Nearly half of UTSA undergraduates will be the first in their family to earn a bachelor's degree.

It has been a great experience since I joined the Department of Civil and Environmental Engineering (CEE). As a Ph.D. student, I am very fortunate to have the opportunity of being involved in multiple real world research projects conducted by the CEE faculty. Working on different problems, which are inherently multidisciplinary in nature and require Multiphysics knowledge, has provided me with great opportunities to improve my critical thinking skills and gain insights to the latest advancement and innovative approaches that that can be used to provide proper solutions for a better society. Through these years at the CEE department, I have developed both quantitative and qualitative research skills by learning from top-notch faculty and collaborating with renowned researchers in my field. All these amazing accomplishments would have not been possible without the Department of Civil and Environmental Engineering at UTSA.