
Research Resources

Blanche Davis Moore Early Childhood Development Center

The Early Childhood Development Center features a school for young children on the University campus. It also serves as a human resource laboratory where student learning can be observed, modeled and investigated. The research and training mission of the Center is founded on providing comprehensive educational and family support services to residents of the Coastal Bend Region of South Texas. The research agenda focuses on observation, and investigation of basic processes of human development, student learning and effective teaching in a context of a multicultural, multilingual and mixed-age environment.

Center for Bioacoustics

Organized under the Texas Engineering Experiment Station in 1987, the Center for Bioacoustics was transferred to Texas A&M University-Corpus Christi in 1997. The Center's mission is the development and dissemination of knowledge in bioacoustics and related fields. In support of this mission, the Center carries on an active research program and supports undergraduate, graduate, and continuing education courses both on and off the Texas A&M University-Corpus Christi campus. Additionally, the Center maintains a growing and accessible systematic collection of digital audio recordings of natural and anthropogenic sounds.

Center for Business and Economic Research

The Center for Business and Economic Research supports the mission of the College of Business by promoting faculty research and service to the community. The Center is the primary vehicle for providing service to the business community. Faculty members may elect to run their consulting projects through the Center. The Center is a self-sufficient unit, which requires charging a fee for its services.

Center for Coastal Studies

The Center for Coastal Studies, established in 1984, is an interdisciplinary marine science research unit of the College of Science and Technology. The Center focuses on basic and applied research, ecological monitoring, public education outreach, and graduate level education/research programs, concentrating on the Texas coast but also extending throughout the Gulf of Mexico and Caribbean Sea. The Center has funding from several state and federal agencies that supports graduate students. Work conducted by students while supported at the Center often serves as the research underpinning master's theses in biology or environmental science. Scientists at the Center are regularly recruited to conduct environmental and conservation-related research on the gulf coast of Texas. Their endeavors contribute significantly to the knowledge and understanding of coastal and marine environments.

Center for Educational Development, Evaluation and Research (CEDER)

The Center for Educational Development, Evaluation and Research (CEDER), which was initiated in 2001, facilitates and coordinates grants, research, publications, symposia, and new initiatives for the College of Education at Texas A&M University-Corpus Christi. CEDER also serves as a center to facilitate evaluation and research for other educational agencies in Texas. The annual conference, sponsored by CEDER, provides an opportunity for graduate students and faculty to present their research and their new program initiatives.

Center for Information Assurance, Statistics, and Quality Control (CIASQC)

The Center for Information Assurance, Statistics, and Quality Control (CIASQC) leverages the skills of university experts working together with community leaders to meet the increasing demands for secured information environments and improved quality of education, government, health care and business. The mission of CIASQC is to become the primary South Texas and Gulf of Mexico resource of information assurance, modeling, statistical and quality improvement services, and software engineering for the education, government, health care, and private sectors.

Center for Virtual Medical Education

Established in 2007, the Center for Virtual Medical Education (CVME) provides cross-disciplinary expertise and resources to educational, governmental and business entities in the development of three-dimensional virtual learning platforms that are rigorously researched, developed and tested extensively for reliability and validity. The center's signature project is Pulse!! The Virtual Clinical Learning Lab, a virtual learning platform that replicates true-to-life physiological and patho-physiological states in three-dimensional virtual space. The CVME operates as a pool of training resources for military medical training, professional certification and credentialing, professional development and graduate medical education.

Center for Water Supply Studies

The Center for Water Supply Studies was organized in 1991 to initiate cross-disciplinary research on water resources and other water-related issues in South Texas. Housed within the College of Science and Technology, the Center focuses on research and education to develop professionals and leaders who can recognize and address water issues. Through active new research the Center provides information needed to evaluate alternative strategies for local and regional management of surface and subsurface water resources. The Center provides science students with the opportunity to pursue research in the broad areas of water resources. It also provides data on issues related to water supply to regional governmental entities.

Conrad Blucher Institute for Surveying and Science

The Conrad Blucher Institute for Surveying and Science serves as a research center enhancing surveying and geospatial engineering science research and application of research knowledge, with primary emphasis on Texas and the Gulf of Mexico. The Division of Nearshore Research (DNR), a scientific and technical division under the Blucher umbrella, assists in the preservation and enhancement of the Texas coastal resources and ecosystems. The major component of DNR is the Texas Coastal Ocean Observation Network (TCOON), which monitors over 40 scientific data collection stations along the entire Texas coast with real-time data on tides, winds, currents, temperature and barometric pressure. The Texas Spatial Reference Center, also a division of the Institute, works with the National Ocean and Atmospheric Administrations (NOAA) and the National Geodetic Survey (NGS) to provide accurate height information by integrating Global Positioning System (GPS) technology with existing survey techniques.

An academic member of the International Federation of Surveyors (FIG), the Institute is expanding its cooperation with international organizations. The Institute has a national reputation for developing innovative geospatial engineering science research and serves as a focused resource area for geospatial datasets relevant to the coastal environment. Researchers include scientists, professional surveyors and engineers who develop and apply geospatial technology solutions. University students are employed in research projects. The Blucher Institute was endowed by Conrad M. Blucher, a life-time resident of Corpus Christi and Nueces County Surveyor.

Harte Research Institute for Gulf of México Studies

The mission of the Harte Research Institute for Gulf of México Studies is to support and encourage the long-term sustainable use and conservation of the Gulf of México. The Harte Research Institute began operating in 2002, and recently occupied a new \$18 million laboratory facility. The Institute's research focus areas include coastal and marine policy and law, coastal and marine GIS, ecosystem studies and modeling, marine biodiversity/conservation science, socioeconomics, and ocean and human health. With the addition of several endowed research chairs, the Institute will be a leading marine science and policy research institute on the Gulf of México. The Institute was created with an endowment by Edward H. Harte, long-time resident of Corpus Christi and former publisher of the *Corpus Christi Caller-Times*.

National Spill Control School

The National Spill Control School, established in 1977 and housed within the College of Science and Technology, promotes education on environmental issues. The primary focus of its programs is in presenting continuing education short courses on campus or on site for personnel involved in spill prevention and the control of oil, hazardous materials, and hazardous waste. Other areas of interest include allied safety concerns and improving knowledge in these fields through research and targeted education programs.

Social Science Research Center

The Social Science Research Center (SSRC) at Texas A&M University-Corpus Christi provides administrative support for research conducted by the faculty of the College of Liberal Arts. Through the SSRC faculty engage in survey research, program evaluation, secondary research (data collection), and other forms of research, consulting, and professional training. Recent and current research projects concern crime and delinquency, educational attainment, economic indicators, substance abuse, citizen satisfaction with government services, transportation issues, social service networks, business and workforce indicators, youth issues, and program evaluations.