A Message from the Vice President of Research, Commercialization and Outreach

Research connects students to faculty members and worlds of ideas. Research connects faculty members to each other as well as to industry and government partners. Research connects our institution to the betterment of citizens in our community, the state, the nation and the world. I am pleased to present this research update from the Division of Research, Commercialization and Outreach (RCO) at Texas A&M University-Corpus Christi. As the University progresses toward Emerging Research University status, evidence of the changes and connections inspired by research are all around us.

Since 2013, the University has added these new research centers: The South Texas Evidence-based Decision-Making Center, the Center for Excellence and Innovation and the Texas OneGulf Center. We have also added new degree programs and facilities that support research and innovation, and maintain a research culture at the Island University.

New Research Centers for a Growing University

Research centers at Texas A&M University-Corpus Christi provide faculty space to collaborate and create a collection of knowledge around a shared interest. A total of 13 research centers on campus help to support the local and state economies by attracting external funding to help solve big problems, such as the marine Research Institute (MRI) for Gulf of Mexican islands, related to deep-sea-floor studies to the Gulf of Mexico's problems. The three newest research centers on campus include the Texas OneGulf Center, the Center for Excellence and Innovation and the Texas OneGulf Center. We have also added new degree programs and facilities that support research and innovation, and maintain a research culture at the Island University.

New Traficking Awareness Tool Created for Healthcare Providers

On June 15, 2016, the Texas A&M University-Corpus Christi joined the College of Nursing and Health Sciences in the first of four training sessions as part of the RCO’s effort to cultivate and develop professionals interested in finding and applying for research grants. These training sessions are focused on providing the Utah-based SituMap application to researchers and staff interested in creating and applying for research grants. The training sessions are part of the annual Faculty Research Development Program, which is sponsored by the RCO and led by Sitting Island University.

Faculty Takes Research from Concept to Commercialization

Faculty members are encouraged to pursue commercialization opportunities for their research in order to best serve our communities. This year, the University saw a number of high-profile successes from research conducted in the College of Science and Engineering. A total of 13 research centers on campus help to support the local and state economies by attracting external funding to help solve big problems, such as the marine Research Institute (MRI) for Gulf of Mexican islands, related to deep-sea-floor studies to the Gulf of Mexico's problems. The three newest research centers on campus include the Texas OneGulf Center, the Center for Excellence and Innovation and the Texas OneGulf Center. We have also added new degree programs and facilities that support research and innovation, and maintain a research culture at the Island University.

Harte Research Institute Creates New Research Centers in Efforts to Restore the Gulf

The Texas OneGulf Center of Excellence, led by the Harte Research Institutes for Gulf of Mexico Studies at Texas A&M University-Corpus Christi, is a unique consortium of multidisciplinary research institutions launched after the 2010 Deepwater Horizon oil spill disaster to conduct groundbreaking research into Gulf health. A partnership of nine institutions from across Texas, the consortium is one of the state’s two designated RESTORE Act Centers of Excellence. The University’s Center is managed by the College of Business at Texas A&M University-Corpus Christi.

New Technology Helped by Texas A&M University-Corpus Christi

Texas A&M University-Corpus Christi has seen a 57 percent increase in commercialized research in the last six years. The Division of Research, Commercialization and Outreach (RCO) offers focused professional development opportunities for faculty and researchers, supported new research proposals and facilities that first commercialization of a faculty member’s research into a startup company. Our Office of Technology Transfer works to support summer campus initiatives, such as a new University Systemwide Summer Institute continuing the tradition of bringing together leaders from local and research universities to discuss current issues. This program is part of RCO’s effort to cultivate and develop professionals interested in creating and applying for research grants. The training sessions are part of the annual Faculty Research Development Program, which is sponsored by the RCO and led by Sitting Island University.

Research newsletter from the University's Division of Research, Commercialization and Outreach.
Applying Research to Real-World Problems on the Baseball Field

Applying research to real-world problems on the baseball field, the Department of Kinesiology in the College of Education and Human Development at Texas A&M University-Corpus Christi (TXA&M-CC) has made international news with one of the first studies of its kind in professional athlete performance. The study, “A Description and Comparison of Cardiovascular Stress Measures of Batters to Pitching Performance among Professional Baseball Pitchers,” was recently published by Dr. Frank Spaniol, Professor of Kinesiology, and has already received positive feedback from Major League Baseball teams. Special and his research team were some of the first scientists to recognize the potential of applying Dr. Barry Seiller’s Vizual Edge software to sports. They have discovered that the vision training helps improve the performance of baseball players on the field and can be translated across almost all major sports.

The study has shown such a substantial difference in athletic performance that a number of professional teams are now using it with their athletes in sports such as baseball, football, soccer, tennis, volleyball and softball. In addition, researchers are now applying research to real-world problems on the baseball field, the Department of Kinesiology in the College of Education and Human Development at Texas A&M University-Corpus Christi (TXA&M-CC) has made international news with one of the first studies of its kind in professional athlete performance. The study, “A Description and Comparison of Cardiovascular Stress Measures of Batters to Pitching Performance among Professional Baseball Pitchers,” was recently published by Dr. Frank Spaniol, Professor of Kinesiology, and has already received positive feedback from Major League Baseball teams. Special and his research team were some of the first scientists to recognize the potential of applying Dr. Barry Seiller’s Vizual Edge software to sports. They have discovered that the vision training helps improve the performance of baseball players on the field and can be translated across almost all major sports.

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