2008
Research and Scholarly Activity Annual Report
Includes Scholarly Activity, Publications and Creative Works for 2007
Texas A&M University-Corpus Christi Office of Graduate Studies and Research
The research and creative activity at TAMUCC provides an important service to the region and nation and improves the quality of life for all Americans. An important focus of research is economic development, as universities help to strengthen and revitalize their surrounding economies with the power of innovation. Researchers at TAMU-CC are studying problems of the future that range from developing sources of renewable energy to improving our ability to reduce damage resulting from national disasters. Research provides an important underpinning for economic development. The sponsored projects revenue provides dozens of jobs and provides assistantship support for many of our students. Not all research is grant supported. These scholarly and creative projects by our faculty members are published, presented and displayed at shows and performances. All of these activities add to the quality of our lives and enhance the educational experience for graduate and undergraduate students alike.

A sampling of research accomplishments are included in these pages, Whether the impact is local or global, the goal of these efforts remains the same: To create new knowledge that improves people’s lives and enhance opportunities for students.
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SPONSORED PROJECTS
ANNUAL REPORT FISCAL YEAR 2008

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More than one out of every two proposals submitted by TAMU-CC Principal Investigators receive funding. One hundred and twenty three were funded and fifty two proposals were still pending at the end of FY’08.

The 185 proposals that were submitted in FY’08 totaled $39.31 million. The number of submissions and the dollar amount of submissions decreased slightly in 2008. The number of awards continue to exceed 100/year.
REVENUE BY YEAR OF AWARD

This figure reflects monies that were actually awarded regardless of the project start and end date. FY07 remains the highest award year.

Figure 4: Revenue by Year of Award

AWARDS BY COLLEGE / DEPARTMENT

The awards by college show campus wide participation in research at TAMU-CC. The table below shows the FY08 awards by department. The asterisks indicates multiple listing where faculty have dual appointments, or are Co-PI’s in different departments. Because some awards are in more than one department, the total awards listed in table are overstated.

<table>
<thead>
<tr>
<th>College / Department</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Business*</td>
<td>$191,940.00</td>
</tr>
<tr>
<td>College of Education**</td>
<td>$1,993,378.00</td>
</tr>
<tr>
<td>College of Liberal Arts</td>
<td></td>
</tr>
<tr>
<td>Social Science Research Center (SSRC)</td>
<td>$124,736.00</td>
</tr>
<tr>
<td>Visual &amp; Performing Arts</td>
<td>$31,061.00</td>
</tr>
<tr>
<td>McNair</td>
<td>$1,097,575.00</td>
</tr>
<tr>
<td>College of Nursing and Health Sciences</td>
<td>$524,621.00</td>
</tr>
<tr>
<td>College of Science and Technology</td>
<td></td>
</tr>
<tr>
<td>Center for Coastal Studies (CCS)</td>
<td>$723,680.00</td>
</tr>
<tr>
<td>Center for Water Supply***</td>
<td>$539,382.00</td>
</tr>
<tr>
<td>Computer Science (CSCI)</td>
<td>$1,315,101.00</td>
</tr>
<tr>
<td>Conrad Blucher/Division of Nearshore Research/TCOON</td>
<td>$1,713,925.00</td>
</tr>
<tr>
<td>Life Sciences (LSCI)****</td>
<td>$1,262,240.00</td>
</tr>
<tr>
<td>Mathematics &amp; Statistics (MAST)****</td>
<td>$176,874.00</td>
</tr>
<tr>
<td>Physical &amp; Environmental Science (PENS)</td>
<td>$387,193.00</td>
</tr>
<tr>
<td>Academic Affairs and Presidents Office</td>
<td></td>
</tr>
<tr>
<td>PULSE!! Virtual Learning Laboratory</td>
<td>$2,299,350.00</td>
</tr>
<tr>
<td>Enrollment Services</td>
<td>$87,640.00</td>
</tr>
<tr>
<td>Harte Research Institute (HRI)</td>
<td>$979,685.00</td>
</tr>
<tr>
<td>Library</td>
<td>$12,825.00</td>
</tr>
<tr>
<td>President</td>
<td>$199,740.00</td>
</tr>
<tr>
<td>TRIO/TITLE V</td>
<td>$1,363,483.00</td>
</tr>
<tr>
<td>Community Outreach</td>
<td>$325,834.00</td>
</tr>
</tbody>
</table>

*Dual Appointment with HRI ($191,940 - listed in both departments); **Co-PI - award also listed in MAST ($86,990 - listed in both departments); ***Co-PI - award also listed in LSCI ($539,382 - listed in both departments); ****Dual Appointment with HRN ($108,951-listed in both departments); *****Co-PI award also listed in EDUC ($87,000 - listed in both departments)
All sources of funding are important to researchers. In FY 08, over 56% of the dollars came from federal sources with 29% coming from the State and the reminder from various foundations and private sponsors.

Thirty six percent of award revenue was targeted to education and service and sixty four percent was designated for Research. TAMU-CC continues to grow funding for its academic programs, student support, scholarships and research. The award types since FY07 have increased in percent of funding designated to research.
The expenditures listed below include expenditures from prior year awards. The list below represents the total amount of monies spent from grants/contracts in FY08.

<table>
<thead>
<tr>
<th>COLLEGE / DEPARTMENT SUMMARY</th>
<th>RESTRICTED</th>
<th>NON-RESTRICTED</th>
<th>OTHER</th>
<th>TOTAL GRANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RESEARCH</td>
<td>RESEARCH</td>
<td>NON-RESEARCH</td>
<td>CONTRACTS EXP.</td>
</tr>
<tr>
<td>College of Education</td>
<td>$141,502.56</td>
<td>$417.46</td>
<td>$1,610,271.28</td>
<td>$1,752,191.30</td>
</tr>
<tr>
<td>College of Liberal Arts</td>
<td>$24,937.20</td>
<td>$162,353.10</td>
<td>$130,310.68</td>
<td>$317,600.98</td>
</tr>
<tr>
<td>College of Nursing</td>
<td>$29,399.47</td>
<td>$0.00</td>
<td>$340,101.35</td>
<td>$369,500.82</td>
</tr>
<tr>
<td>College of Science &amp; Technology-Dean</td>
<td>$45,835.58</td>
<td>$0.00</td>
<td>$76,045.66</td>
<td>$121,881.24</td>
</tr>
<tr>
<td><strong>DEPARTMENTS:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Science</td>
<td>$345,322.16</td>
<td>$0.00</td>
<td>$80,208.47</td>
<td>$425,530.63</td>
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<tr>
<td>Life Sciences</td>
<td>$595,891.93</td>
<td>$14,008.79</td>
<td>$167,892.19</td>
<td>$777,792.91</td>
</tr>
<tr>
<td>Math</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$165,017.09</td>
<td>$165,017.09</td>
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<tr>
<td>Physical &amp; Environmental Sciences</td>
<td>$356,424.97</td>
<td>$0.00</td>
<td>$60,337.97</td>
<td>$416,762.94</td>
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<tr>
<td>TEES Projects</td>
<td>$20,668.44</td>
<td>$0.00</td>
<td>$263,500.67</td>
<td>$284,169.11</td>
</tr>
<tr>
<td><strong>CENTERS:</strong></td>
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<td></td>
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<tr>
<td>BLUCHER / DNR / TCOON</td>
<td>$2,291,829.09</td>
<td>$63,148.21</td>
<td>$7,951.48</td>
<td>$2,362,928.78</td>
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<tr>
<td>Center for Coastal Studies</td>
<td>$653,170.00</td>
<td>-$2,934.82</td>
<td>$50,627.20</td>
<td>$700,862.38</td>
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<td>Center for Water Supply Studies</td>
<td>$6,780.25</td>
<td>$223.53</td>
<td>$0.00</td>
<td>$7,003.78</td>
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<tr>
<td>Community Outreach</td>
<td>$7,500.00</td>
<td>$0.00</td>
<td>$287,390.03</td>
<td>$294,890.03</td>
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<tr>
<td>President</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$28,108.45</td>
<td>$28,108.45</td>
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<td><strong>Provost:</strong></td>
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<tr>
<td>Assoc VP for Special Projects</td>
<td>$2,621,375.70</td>
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<td>$0.00</td>
<td>$2,621,375.70</td>
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<td>Enrollment Management</td>
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<td>$0.00</td>
<td>$57,805.15</td>
<td>$57,805.15</td>
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<tr>
<td>HARTE Research Institute</td>
<td>$2,893,130.00</td>
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<td>$59,643.51</td>
<td>$2,952,773.51</td>
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<td>Library</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$11,797.28</td>
<td>$11,797.28</td>
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<td>Student Affairs</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$30,249.62</td>
<td>$30,249.62</td>
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<tr>
<td><strong>TITLE IV / TRIO / SSS</strong></td>
<td>$0.00</td>
<td>$0.00</td>
<td>$1,357,926.04</td>
<td>$1,357,926.04</td>
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<tr>
<td><strong>Total Expenditures</strong></td>
<td>$10,033,767.35</td>
<td>$237,216.27</td>
<td>$4,785,184.12</td>
<td>$15,056,167.74</td>
</tr>
</tbody>
</table>

* Restricted Research expenditures include indirect costs associated with these sponsored projects and does not include accounts 654730 and 613660.
Texas Research Development Fund (TRDF), which is distributed by the Texas Higher Education Coordinating Board, provides awards to eligible Texas universities based on the restricted research expenditures. Total expenditures at TAMUCC for FY’08 were $15 million with "restricted" expenditures totaling over $10M. The amount of TRDF funding is based on research expenditures from the prior three years.

Funding for students provided by grants and contracts to the University remain consistent. This table shows the University’s continued dedication to supporting student research and opportunity. Overall there was a 18% increase in scholarship/assistantship funding from sponsored programs.
<table>
<thead>
<tr>
<th>PI</th>
<th>TITLE</th>
<th>DEPT</th>
<th>AWARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lee Smee</td>
<td>Influence of Habitat Setting, Genetic Diversity, and Species Interactions on the Establishment of Oyster Reef</td>
<td>LSCI</td>
<td>$ 40,000.00</td>
</tr>
<tr>
<td>James Gibeaut</td>
<td>Storm Impacts and Morphodynamics of the Beach Dune System</td>
<td>PENS</td>
<td>$ 35,700.00</td>
</tr>
<tr>
<td>Deb Overath</td>
<td>Informing Fisheries Management Through Studies of Population Genetic Structure</td>
<td>LSCI</td>
<td>$ 32,526.00</td>
</tr>
<tr>
<td>Greg Stunz</td>
<td>Direct and Indirect Effects of Hypoxia on Estuarine Fishes in Their Nursery Habitats</td>
<td>LSCI</td>
<td>$ 32,550.00</td>
</tr>
<tr>
<td>Asad Salem</td>
<td>Enhanced Boiling Heat Transfer in Micro-Channels Using Nano-Fluids</td>
<td>CSCI</td>
<td>$ 32,150.00</td>
</tr>
<tr>
<td>Scott King/Alex Sadovsky</td>
<td>Visualization and Modeling of the Environmental Phenomena in the Bays and Estuaries</td>
<td>CSCI</td>
<td>$ 31,966.00</td>
</tr>
<tr>
<td>Kevin Stychar</td>
<td>Immune Response of Coral: A Study of Immuno-proteins and their Applications to Human Health</td>
<td>LSCI</td>
<td>$ 31,932.00</td>
</tr>
<tr>
<td>Egon Weber</td>
<td>Groundwater Flow, Nitrogen Fluxes, and Cyanobacteria in Coastal Aquifers</td>
<td>S&amp;T</td>
<td>$ 31,366.00</td>
</tr>
<tr>
<td>Michael Schberger</td>
<td>Investigation of Data Parallel Runtime Environments Using GPGPU</td>
<td>CSCI</td>
<td>$ 31,172.00</td>
</tr>
<tr>
<td>Marion Nipper</td>
<td>Development of a Planar Optode-based System for Evaluating the Effects of Contaminants and Other Stressors on Benthic Communities and Processes</td>
<td>PENS</td>
<td>$ 30,529.00</td>
</tr>
<tr>
<td>Kirk Cammarata</td>
<td>Assessment of Seagrass Epiphyte Composition in Relation to Seagrass Health</td>
<td>LSCI</td>
<td>$ 30,325.00</td>
</tr>
<tr>
<td>Dulan Kar</td>
<td>Security Protocols for Wireless Sensor Networks</td>
<td>CSCI</td>
<td>$ 29,585.00</td>
</tr>
<tr>
<td>Ian MacDonald/Kevin Stychar</td>
<td>Oxygen Production as an Indicator of Reef Primary Production and Coral Health</td>
<td>PENS</td>
<td>$ 25,882.00</td>
</tr>
<tr>
<td>Ahmed Salem</td>
<td>A Broadband Free Space Optical Network for the Wireless Internet</td>
<td>CSCI</td>
<td>$ 25,186.00</td>
</tr>
<tr>
<td>Alberto Mestas-Nunez</td>
<td>Mean Vs. Seasonal Cycle of Water Budget Variables over the Intra-Americas Sea in Climate Model Runs</td>
<td>PENS</td>
<td>$ 23,750.00</td>
</tr>
<tr>
<td>David Yoskowitz</td>
<td>Ecosystem Services Research Lab</td>
<td>BUS</td>
<td>$ 23,300.00</td>
</tr>
<tr>
<td>Ajay Katangur</td>
<td>Prototype for Privacy Preserving Data Analysis</td>
<td>CSCI</td>
<td>$ 22,574.00</td>
</tr>
<tr>
<td>U Longhuzhong</td>
<td>A Peer Data Management System for Large Scale Semantic Data Sharing on the GOM</td>
<td>CSCI</td>
<td>$ 21,273.00</td>
</tr>
<tr>
<td>Rebekah Thomas</td>
<td>An Interactive Study of Stress in Juvenile Spotted Seatout</td>
<td>LSCI</td>
<td>$ 20,000.00</td>
</tr>
<tr>
<td>Blair Sterba-Boatwright</td>
<td>Threshold Modeling of Water Levels Using EMC Methods</td>
<td>MATH</td>
<td>$ 17,661.00</td>
</tr>
<tr>
<td>Thomas Naehr</td>
<td>Geomorphological Characteristics of GOM Hydrocarbon Seeps and Their Relationship to Sea Surface Oil Slicks</td>
<td>PENS</td>
<td>$ 16,000.00</td>
</tr>
<tr>
<td>Joanna Mott</td>
<td>Environmental Microbiology Cluster</td>
<td>LSCI</td>
<td>$ 15,500.00</td>
</tr>
<tr>
<td>Robert Benson</td>
<td>The Potential Effects of Shallow-Water Maritime Wind Farm Noise on Marine Mammals</td>
<td>LSCI</td>
<td>$ 13,500.00</td>
</tr>
<tr>
<td>Suzette Chopin</td>
<td>Match for EARRA Award</td>
<td>LSCI</td>
<td>$ 13,200.00</td>
</tr>
<tr>
<td>Dugan Um</td>
<td>Sensor Based Under Water Robotic Manipulator</td>
<td>CSCI</td>
<td>$ 12,734.00</td>
</tr>
<tr>
<td>Guang ZSn</td>
<td>Emotion Matters: An Investigation of Internalizing...</td>
<td>EDUC</td>
<td>$ 12,500.00</td>
</tr>
<tr>
<td>Karen Paciotti</td>
<td>Standardized Testing and High School Drop Outs Social Promotion of Economically Disadvantaged</td>
<td>EDUC</td>
<td>$ 12,278.00</td>
</tr>
<tr>
<td>Kenneth Ithenetu</td>
<td>Mammalian Cardenolides in Human Breast Cancer</td>
<td>LSCI</td>
<td>$ 12,000.00</td>
</tr>
<tr>
<td>Ruby Mehrueogly</td>
<td>Tracking of Objects in Motion Using Multiple Cameras</td>
<td>CSCI</td>
<td>$ 12,000.00</td>
</tr>
<tr>
<td>Paul Montagna / M.K. Balasubramanya</td>
<td>Graduate and Undergraduate Assistantships</td>
<td>PENS</td>
<td>$ 12,000.00</td>
</tr>
<tr>
<td>Ricardo Mozziachi</td>
<td>Cellular Analysis of the Suppression of Feeding Induced by Aversive Stimuli in Aplysia California</td>
<td>LSCI</td>
<td>$ 12,000.00</td>
</tr>
<tr>
<td>Ethan Thompson</td>
<td>Researching Television Style</td>
<td>COMM/THEA</td>
<td>$ 8,200.00</td>
</tr>
<tr>
<td>Mario Garcia</td>
<td>Use of Cell Phones to Give Location Information to Blind People</td>
<td>CSCI</td>
<td>$ 8,164.00</td>
</tr>
<tr>
<td>Catherine Quick</td>
<td>The Coastal Bend Writing Project</td>
<td>English</td>
<td>$ 7,000.00</td>
</tr>
<tr>
<td>Roy Lehman</td>
<td>Biofuel from Algae-Botryococcus Braunii</td>
<td>LSCI</td>
<td>$ 6,300.00</td>
</tr>
<tr>
<td>Phil Rhodes</td>
<td>Social Science Research Center</td>
<td>Social Sciences</td>
<td>$ 31,000.00</td>
</tr>
<tr>
<td>Lee Smee</td>
<td>Effect of Predator Biodiversity on the Magnitude of Top-Down Forces in Oyster Reef Communities</td>
<td>PENS</td>
<td>$ 5,000.00</td>
</tr>
<tr>
<td>Pamela Brouillard</td>
<td>Breaking Through Barriers: Teaching Breast Self Exam</td>
<td>PSYCH</td>
<td>$ 3,000.00</td>
</tr>
<tr>
<td>Deb Overath</td>
<td>Developing Molecular Markers for Managing Exploited Marine Species</td>
<td>LSCI</td>
<td>$ 3,000.00</td>
</tr>
<tr>
<td>James Silliman</td>
<td>Characteristics of Hispanic Women in STEM Careers</td>
<td>PENS</td>
<td>$ 3,000.00</td>
</tr>
<tr>
<td>Chuck Etheridge</td>
<td>Research on Corpus Christi Demographics</td>
<td>ARTS</td>
<td>$ 2,000.00</td>
</tr>
</tbody>
</table>

* Sorted by Award amount

TOTAL TRDF AWARDED: $ 763,953.00
Research Enhancement is an internal award that is granted to applicants whose proposals are reviewed by a committee and recommended for funding. The monies allocated to this award total $110K per year. From this total, $44K is distributed at the College Level by the College Deans. The remaining $66K is distributed through the Office of Graduate Studies and Research as recommended by the Research Enhancement Committee. In FY08, there were a total of 8 funded projects. The list below is the FY08 awardees of Research Enhancement:

The projects supported by the Research Enhancement Committee are identified below:

Lee, Jim  
Are Larger Firms Still Better? $5,000.00

Moore, Peter  
Archibald Simpson Journal Transcription $7,675.00

Carroll, Patrick  
New Spain's Social Trinity: Spanish, Indian, and Casta Social Spaces in the 18th Century Districts of Jalapa, Veracruz and Puebla. $6,580.00

Mermann-Jozwiak, Elizabeth  
Letters and Oral Histories by Mexican and Central American Immigrants $7,228.00

Cammarata, Kirk  
Assessment of Seagrass Epiphyte Composition in Relation to Seagrass Health $10,698.00

Stunz, Greg  
Silting and Closure of Port Mansfield Channel: Impacts to a $1.3 Billion Fishing Industry in Texas $11,000.00

Buck, Gregory  
Vibrio Levels in Coastal Bend Oysters $10,000.00

Mestas-Nunez, Alberto  
Analysis of Oceanic Evaporation Estimates from Satellite Observations $7,500.00
PURPOSE: This Council enhances and monitors academic research activities at the University, including research administration, program oversight, and program evaluation.

MEMBERSHIP: One faculty representative from each college recommended by the dean, plus directors of the University’s research centers and institutes, the chair of the Institutional Review Board, the immediate winner of the Faculty Research Award, and representatives from the Comptroller’s Office, a representative from the Faculty Renaissance Center Advisory Committee, and the library.

FY 2008 COUNCIL MEMBERS

- Harvey, Knnull
- Jack, Cassidy
- Robert, Benson
- Patrick, Crowley
- Swint, Friday
- Susan, Garza
- Jan, Haswell
- Rick, Hay
- Gary, Jeffress
- Tom, Kreneck
- Eve, Layman
- Larry, McKinney
- Mary Kay, Mortimer
- Philip, Rhoades
- Caroline, Sherritt
- Wes, Tunnell
- Beate, Zimmer

**CHAIR**, Dean of Graduate Studies & Associate Vice President for Research & Scholarly Activity

- Director, Center for Educational Development, Evaluation & Research
- Director, Center for Bioacoustics
- Recipient of Faculty Research Award
- Faculty, College of Business
- Faculty Renaissance Center
- Faculty, College of Liberal Arts
- Director, Center for Water Supply Studies
- Blucher Institute
- Bell Library
- Chair, Institutional Review Board
- Executive Director of Harte Research Institute
- Faculty, College of Nursing and Health Science
- Director, Social Sciences Research Center
- Faculty, College of Education
- Director, Center for Coastal Studies
- Faculty, College of Science and Technology

Amanda Bushon, Dr. Greg Stunz, and Megan Reese sampling for fish using tidal inlets to reach their nursery grounds. Access to high quality habitat in estuarine areas via tidal inlets is critical for sustainability many fish populations. The Port Mansfield Channel has historically provided water exchange between the Gulf of Mexico and the lower Laguna Madre; however, there has been much recent concern over the rapid closure of this inlet due to sedimentation. The closing of this channel may impact many recreational fishery species requiring access to nursery habitats such as seagrass meadows. A major goal of Dr. Stunz’s research program is to understand the processes influencing fish migration through tidal inlets.
The Office of Human Research Protections, which is within the US Department of Health and Human Services, regulates research being conducted using human subjects. This research could be as minimal as survey/interview research or as intense as clinical trial research. At Texas A&M University-Corpus Christi, our IRB committee reviews primarily educational research which involves surveys, interviews, and focus groups utilizing children from area school districts. The committee does review various other forms of research protocols throughout the year. The full committee meets on the first Friday of each month to review protocols. Committee members are also asked to review protocols within the “Expedited” category on an as need basis. The chart shown below reflects the activity of research involving human subjects that is conducted by TAMU-CC faculty, staff & students. For more information regarding compliance committees, please visit our website at http://research.tamucc.edu/irb

The committee members for Fiscal Year 2008 are as follows:
Paul Merritt, Chair College of Liberal Arts
David Blanke College of Liberal Arts
Kaye Nelson College of Education
Kamiar Kouzekanani College of Education
Eve Layman College of Nursing
Karen Olson College of Nursing
David Yoskowitz College of Business
Greg Black College of Business
Thomas Naehr College of Science & Technology
Debbie Prevratil College of Science & Technology
Doug Posey Library
Sue Sutton Ethics Committee
Jim Gold Community Member
Javier Escamilla Community Member

The Institutional Animal Care and Use Committee (IACUC) is responsible for approving research that is conducted using animals. The committee reviews protocols to ensure proper procedures are in place. On a bi-annual basis, the committee conducts facility inspections to ensure that feeding logs are maintained, animal housing is safe and appropriate for the animals, and that all animals are receiving proper care.

The committee members for Fiscal Year 2008 are as follows:
Greg Stunz, Chair Scientific Representative
Kevin Strychar Scientific Representative
Jennifer Anderson Non–Scientific Representative
Debbie Prevratil Community Member (Texas State Aquarium)
Doug Posey Veterinarian

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## FACULTY AND STAFF PUBLICATIONS

### CREATIVE AND RESEARCH PRODUCTIVITY IN CALENDAR YEAR 2007

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**BUS** – Business  **ED** – Education  **LA** – Liberal Arts  **N&HS** – Nursing and Health Sciences  **S&T** – Science and Technology  
**HRI** – Harte Research Institute  **NI** – National/International  **RL** – Regional/Local
Patrick M. Crowley is an internationally renown economist and Professor of Economics at Texas A&M University in Corpus Christi, Texas. He specializes in studies of regional integration, with particular emphasis on the European Union. He has been a faculty member at Texas A&M University-Corpus Christi since 2000. He was a Visiting Research Fellow at the Suomen Pankki/Bank of Finland in Helsinki, Finland from 2004-2005 and again in 2006 and 2007. He has served as the Journal Editor for Current Politics and Economics of Europe as well as serving on the editorial board of both the Journal of European Integration and the Journal of Economics Asymmetries.

Dr. Crowley's research has been published in dozens of journals and he continues to promote important interdisciplinary bridges whenever possible. His recent work on the application of wavelet analysis to economics is imaginative, innovative, and very exciting. He is a scholar who truly strives to make a difference locally, nationally and internationally.
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<td>Differences in Rates of Infection with Methicillin-Resistant Staphylococcus Aurea (MRSA) between Diabetic Hispanic and Caucasian Patients in Nueces Country, Texas</td>
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<td>Montagna</td>
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<td>Effect of Climatic Variability on Freshwater Inflow, Benthic Communities, and Secondary Production in Texas Lagoonal Estuaries (year 2)</td>
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<td>Colorado River Flow Relationships to Bay Health: Benthic Indicators</td>
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## APPENDIX II
### 2008 LIST OF SUBMITTING PRINCIPAL INVESTIGATORS

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<td>Zimmer</td>
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### Appendix III

**Restricted Research Awards Fiscal Year 2008**

<table>
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<tr>
<th>Principal Investigator</th>
<th>College, Center, or Institute</th>
<th>Title of Contract / Award</th>
<th>Award Amount</th>
<th>Granting or Contracting Agency</th>
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<tr>
<td>Adams, John</td>
<td>CBI</td>
<td>Rincon Bayou Diversion Project – Salinity and Freshwater Inflow Monitoring: 2007-2008</td>
<td>$122,181</td>
<td>City of Corpus Christi</td>
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<tr>
<td>Fernandez, John</td>
<td>S&amp;T</td>
<td>Computing Research Infrastructure: Integrated Access Device – Computing Infrastructure for Research Based-Learning</td>
<td>$650,000</td>
<td>National Science Foundation</td>
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<td>Gibeaut, Jim</td>
<td>HRI</td>
<td>Proposal to Develop a Geohazards Map of North Padre and Mustang Island</td>
<td>$45,000</td>
<td>Coastal Bend Bays &amp; Estuaries Program, Inc.</td>
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<td>Gibeaut, Jim</td>
<td>HRI</td>
<td>University of Texas – Nueces Digital Elevation Model</td>
<td>$5,000</td>
<td>Coastal Bend Bays &amp; Estuaries Program, Inc.</td>
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<td>Gigliotti, Richard</td>
<td>LA</td>
<td>City of Corpus Christi Survey Research</td>
<td>$13,500</td>
<td>City of Corpus Christi</td>
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<tr>
<td>Jeffress, Gary</td>
<td>S&amp;T</td>
<td>Texas General Land Office - Texas Coastal Ocean Observation Network Tide Gauge System</td>
<td>$380,000</td>
<td>Texas General Land Office</td>
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<td>Jeffress, Gary</td>
<td>S&amp;T</td>
<td>Texas Coastal Observation Network – Texas Water Development Board – Tide monitoring</td>
<td>$74,000</td>
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<td>Jeffress, Gary</td>
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<td>Lower Plains Zone Height Modernization</td>
<td>$491,019</td>
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<td>Jeffress, Gary</td>
<td>S&amp;T</td>
<td>Maintenance of the Corpus Christi Real-Time Navigation System</td>
<td>$34,280</td>
<td>Port of Corpus Christi Authority</td>
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<td>King, Scott</td>
<td>S&amp;T</td>
<td>Initiatives to Increase Participation in Computer Science and Engineering</td>
<td>$82,200</td>
<td>Texas Workforce Commission</td>
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<td>Li, Long-Zhuang</td>
<td>S&amp;T</td>
<td>Computing Research Infrastructure: Planning a Massive and Heterogeneous Data Repository for Computing Research in the Gulf of Mexico</td>
<td>$49,982</td>
<td>National Science Foundation</td>
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<td>McLaughlin, Richard</td>
<td>HRI</td>
<td>Research and Development for the Center for Ports and Waterways Consortium</td>
<td>$5,000</td>
<td>Texas Transportation Institute</td>
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<td>Montagna, Paul</td>
<td>HRI</td>
<td>Effect of Climatic Variability on Freshwater Inflow, Benthic Communities, and Secondary Production in Texas Lagoonal Estuaries.</td>
<td>$40,000</td>
<td>Texas Water Development Board</td>
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<td>Montagna, Paul</td>
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<td>Rincon Bayou Diversion Project, Biological Monitoring, Year 7: 2007-2008</td>
<td>$58,500</td>
<td>City of Corpus Christi</td>
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<td>Montagna, Paul</td>
<td>HRI</td>
<td>McMurdo Station Long Term Monitoring of Human Impacts at McMurdo Station, Antarctica – Phase 4</td>
<td>$43,575</td>
<td>TAMU Research Fdn/ US Army Corps of Engineers</td>
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<td>Montagna, Paul</td>
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<td>Hypoxia Characterization in Corpus Christi</td>
<td>$30,000</td>
<td>Coastal Bend Bays &amp; Estuaries Program Inc</td>
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<td>Montagna, Paul</td>
<td>HRI</td>
<td>Response of the Nueces Estuarine Marsh System to Freshwater Inflow-An Integrative Data Synthesis</td>
<td>$25,000</td>
<td>Coastal Bend Bays &amp; Estuaries Program Inc</td>
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<td>Montagna, Paul</td>
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<td>Observation Data Model on Rincon Bayou in the Nueces Delta</td>
<td>$40,000</td>
<td>Coastal Bend Bays &amp; Estuaries Program Inc</td>
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</table>
### RESTRICTED RESEARCH AWARDS FISCAL YEAR 2008

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<thead>
<tr>
<th>Principal Investigator</th>
<th>College, Center, or Institute</th>
<th>Title of Contract/Award</th>
<th>Award Amount</th>
<th>Granting or Contracting Agency</th>
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<tr>
<td>Montagna, Paul</td>
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<td>Colorado River Flow Relationships to Bay Health: Benthic Indicators</td>
<td>$60,000</td>
<td>Lower Colorado River Authority</td>
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<td>Effects of Water Withdrawals on the St. Johns River – Project Structure</td>
<td>$30,000</td>
<td>St. Johns River mgmt. District</td>
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<td>Mortimer, Mary Kay</td>
<td>CON&amp;HS</td>
<td>Brief Intervention to Improve Illness Perception and Medication Adherence in Hypertensive Older Black Females</td>
<td>$9,230</td>
<td>American Nurses Foundation</td>
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<td>Mott, Joanna</td>
<td>S&amp;T</td>
<td>Beach Watch/Beach Water Quality Monitoring</td>
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<td>Mott, Joanna</td>
<td>S&amp;T</td>
<td>Bacteriological Analysis for Nueces River Authority</td>
<td>$10,000</td>
<td>Nueces River Authority/ TCEQ</td>
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<td>Mott, Joanna</td>
<td>S&amp;T</td>
<td>Study to Investigate Nonpoint Sources of Bacteria Pollution to Support Development and Implementation of the Bacteria Total Maximum Daily Load in the Oso Watershed</td>
<td>$442,372</td>
<td>Texas Soil and Water Conservation Board</td>
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<td>Mott, Joanna</td>
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<td>Oso Creek Bacteria Contamination Investigation</td>
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<td>Nicolau, Brien</td>
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<td>City of Corpus Christi Rincon Bayou Diversion Project – Ammonia and Biological Monitoring</td>
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<td>City of Corpus Christi</td>
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<td>TCEQ WO #5 Nueces Bay Zinc Implementation Effectiveness Monitoring</td>
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<td>Nipper, Marion</td>
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<td>Field Validation of General Methodology for Evaluating Narcosis Toxicity Using the Sediment Profile Imaging and Micro-sampling System</td>
<td>$275,887</td>
<td>The Cooperative Institute for Coastal and Estuarine Environmental Technology</td>
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<td>Smith, Elizabeth</td>
<td>S&amp;T</td>
<td>Texas Commission Environmental Quality - WO #6 Copano Watershed Coordinator</td>
<td>$75,125</td>
<td>TCEQ</td>
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<td>Stunz, Greg</td>
<td>LSCI/HRI</td>
<td>Is Padre island National Seashore Essential Shark Habitat?: Examination of Demographics, Feeding Habitats, and Nurseries for an Important Park Fishery</td>
<td>$21,425</td>
<td>United States Geological Survey</td>
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<td>Project of the Northwest Coast</td>
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<td>The Christopher Reynolds Foundation Inc</td>
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<td>Micro/Nano Assembly Workcell Via Visual Sensing and Haptic Feedback</td>
<td>$202,744</td>
<td>National Science Foundation</td>
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<td>Packery Channel Quarterly Monitoring</td>
<td>$252,507</td>
<td>City of Corpus Christi</td>
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<td>Williams, Deidre</td>
<td>S&amp;T</td>
<td>Coastal Habitat Restoration Geographic Information Systems: Expansion, Population, Enhancement, Monitoring, and Surveying along the Texas Coast</td>
<td>$47,005</td>
<td>Texas General Land Office/Civilian Marksmanship Program</td>
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<td>Withers, Kim</td>
<td>S&amp;T</td>
<td>Texas Coastal Assessment 2007 Benthic Invertebrate Analysis</td>
<td>$113,383</td>
<td>Texas Parks &amp; Wildlife Department</td>
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<td>Withers, Kim</td>
<td>S&amp;T</td>
<td>Tidal Stream Macrobenothos Identification/ Enumeration</td>
<td>$27,000</td>
<td>Texas Parks &amp; Wildlife Department</td>
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### FULLBRIGHT AWARDS

Dr. Marion Nipper in CCS received a Senior Fulbright Award to Spain, 2007  
Dr. Pamela Brouillard to Croatia 2004-2005  
Dr. Dorothy McClellan to Croatia 2002-2004  
Dr. Nancy Sullivan to Hong Kong, 2001-2002  
Dr. Wes Tunnell first Fulbright for TAMUCC to Mexico – 1985-86
**APPENDIX IV**

**FACULTY PUBLICATIONS BIBLIOGRAPHY 2007** (January 01, 2007-December 31, 2007)

*Listed in more than one Department

### COLLEGE OF BUSINESS 2007 PUBLICATIONS

#### EDITORSHIPS


#### PEER-REVIEWED JOURNAL ARTICLES/ BOOKS/ BOOK CHAPTERS

<table>
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<tr>
<th>Author(s)</th>
<th>Title</th>
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<tr>
<td>Changchit, C.</td>
<td>An Exploratory Study on Students’ Perceptions of Technology Use in Distance Learning Environment</td>
<td><em>Review of Business Research</em></td>
<td>2007</td>
<td>21 (2), 207-207.</td>
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<td>Loveland, K. A.</td>
<td>Student evaluation of teaching (SET) in Web-based classes: Preliminary findings and a call for further research</td>
<td><em>Journal of Educators Online</em></td>
<td>2007</td>
<td>4 (2), 18.</td>
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<td>Picou, A. E., &amp; Ho, L.</td>
<td>An Examination of Five Markets for Immediate, Delayed and Enduring Spillovers with Control for Periodic Closures</td>
<td><em>Journal of International Business and Economics</em></td>
<td>2007</td>
<td>7 (1), 111-127.</td>
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#### REFEREED PROCEEDINGS

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<tr>
<td>Black, G. S.</td>
<td>Terrorism and Evolving Consumer Values and Personality</td>
<td><em>Academy of Business Administration’s 2007 Global Trends Conference in San Juan, Puerto Rico.</em></td>
<td>2007</td>
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<td>Black, G. S.</td>
<td>eBay Users and Non-Users: Comparison and Implications for eBay Entrepreneurs</td>
<td><em>Association of Small Business &amp; Entrepreneurship 2007 Annual Conference.</em></td>
<td>2007</td>
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<td>Black, G. S.</td>
<td>Attitudes, Demographics, Experience, and Personality: A Comparison of Online Shoppers and Non-Shoppers</td>
<td><em>2007 Annual Meeting of the Federation of Business Disciplines.</em></td>
<td>2007</td>
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Conference Presentations (Local / Regional)


Conferences Hosted (National / International)

**College of Education 2007 PUBLICATIONS**

**Department of Counseling and Educational Psychology**

**Peer-Reviewed Journal Articles/Books/Book Chapters (National/International)**


**Peer-Reviewed Journal Articles/Books/Book Chapters (Local/Regional)**


**Presentations/Abstracts/Posters (National/International)**


Yznaga, S., Zamarrapa, M.X., Rivas, O., & Leal, A. (October, 2007). Connecting in Spanish Association for Counselor Education and Supervision, Columbus, OH.


**Presentations/Abstracts/Posters (Local/Regional)**


Nelson, K. W., & Oliver, M. (June, 2007). Confidentiality, triangulation, and family therapy. Ethical and therapeutic issues. Coastal Bend Association for Marriage and Family Therapy, Corpus Christi, TX.

FACULTY PUBLICATIONS BIBLIOGRAPHY 2007 (January 01, 2007 – December 31, 2007)


Pitcairn, S., 2007. “Compassion Fatigue and Burnout: An Ethical Perspective.” Coastal Bend Assoc. for Marriage and Family Therapy, Corpus Christi, TX.


Zamarripa, M.X. (February, 2007). Building Solutions with Clients. 13th Annual Counselor’s Institute, South Padre Island, TX.

Department of Curriculum and Instruction

EDITORSHPs


BOOKS


PEER-REVIEWED JOURNAL ARTICLES/ BOOKS/ BOOK CHAPTERS (NATIONAL/INTERNATIONAL)


GAME-REVIEWED JOURNAL ARTICLES/ BOOKS/ BOOK CHAPTERS (LOCAL/REGIONAL)


NON-PEER REVIEWED PUBLICATIONS


PROCEEDINGS


PRESENTATIONS/ABSTRACTS/POSTERS (NATIONAL/INTERNATIONAL)


Nelson, N. (2007, November). Border literacies: Mestiza(e) and positionality. Annual meeting of the National Reading Conference, Austin, TX.


Ready, A., & Valadez, C.M. (2007). The reading attitudes and literacy histories of developmental reading students in a South Texas university. Annual conference of the College Reading Association, Salt Lake City, UT.


PRESENTATIONS/ABSTRACTS/POSTERS (LOCAL/REGIONAL)

Bruun, F. (June, 2007). From “math curse” to “number devil.” Conference for the Advancement of Mathematics Teaching, San Antonio, TX.


BOOK REVIEWS


PRESENTATIONS/ABSTRACTS/POSTERS (LOCAL/REGIONAL)


FACULTY PUBLICATIONS BIBLIOGRAPHY 2007 (January 01, 2007 – December 31, 2007)


Sherritt, C., Solis, E., & Thorn, A. (2007 October). Undergraduate and graduate Hispanic student satisfaction with online learning: Results of a three year study. World Conference on eLearning, Association for the Advancement of Computing in Education. [E-Learn 2007 Outstanding Paper Award] (Quebec)


PRESENTATIONS/ABSTRACTS/POSTERS (LOCAL/REGIONAL)


Bhattacharya, K. (2007). Becoming a research guru shoe: Cracking the art and science of framing qualitative research purpose and questions. Educational Research Seminar, College of Education, University of Memphis, Memphis, TN.


REPORTS


Department of Kinesiology

PEER-REVIEWED JOURNAL ARTICLES/ BOOKS/ BOOK CHAPTERS/NATIONAL/INTERNATIONAL


PEER-REVIEWED JOURNAL ARTICLES/ BOOKS/ BOOK CHAPTERS/LOCAL/REGIONAL


PRESENTATIONS/ABSTRACTS/POSTERS (NATIONAL/INTERNATIONAL)


PRESENTATIONS/ABSTRACTS/POSTERS (LOCAL/REGIONAL)


FACULTY PUBLICATIONS BIBLIOGRAPHY 2007 (January 01, 2007 – December 31, 2007)


WEB PUBLICATIONS


Department of Special Services

TRAINING MANUAL


PEER-REVIEWED ARTICLES/ BOOKS/ BOOK CHAPTERS (NATIONAL/INTERNATIONAL)


PROCEEDINGS


PRESENTATIONS/ABSTRACTS/POSTERS (NATIONAL/INTERNATIONAL)


PRESENTATIONS/ABSTRACTS/POSTERS (LOCAL/REGIONAL)


Leo, D. G. (2007, October). Getting pre-service and in-service educators prepared for Domain 1:Bilingual Education TExES 35th Annual Texas Association for Bilingual Education Conference, San Antonio, TX.


Leo, D. G. (2007, October). Getting pre-service and in-service educators prepared for Domain 1:Bilingual Education TExES 35th Annual Texas Association for Bilingual Education Conference, San Antonio, TX.

Puentes, 2, 44-48.

Prepared by...


Lucido, F. (2007, Jan.). Texas Demographics. Promoting Academic Success and Accountability for English Language Learners (PASA) Conference. Austin, TX.


Lucido, F. (2007, Sept.). Best practices in Bilingual and ESL Programs. Education Service Center Region 1 Administrator’s Conference. McAllen, TX.


Lucido, F. (2007, March). Basic Understandings for Teaching English Language Learners: Math and Science for English Language Learners Symposium. Houston, TX.

Lucido, F. (2007, Feb.). Basic Understandings for Teaching English Language Learners: Math and Science for English Language Learners Symposium. San Antonio, TX.


McCaleb, K., Thomas, C., & Carpenter, C. (2007, November). Readability and item difficulty of the 5th grade science TAKS as it pertains to students receiving special education. 5th Annual CEDER Conference. Corpus Christi, TX.


Department of Teacher Education

PEER-REVIEWED JOURNAL ARTICLES/ BOOKS/ BOOK CHAPTERS (NATIONAL/INTERNATIONAL)


NON-PEER-REVIEWED JOURNAL ARTICLES/ BOOKS/ BOOK CHAPTERS (LOCAL/REGIONAL)


PROCEEDINGS


PRESENTATIONS, ABSTRACTS, POSTERS (NATIONAL/INTERNATIONAL)


FACULTY PUBLICATIONS BIBLIOGRAPHY 2007 (January 01, 2007 – December 31, 2007)

**PRESENTATIONS, ABSTRACTS, POSTERS (LOCAL/REGIONAL)**


**REPORTS**


**COLLEGE OF LIBERAL ARTS 2007 PUBLICATIONS**

**Department of Arts**


**PRESENTATIONS, ABSTRACTS, POSTERS (NATIONAL/INTERNATIONAL)**

- Rote, Carey, “The Virgin of Guadalupe as South Texas Cultural Icon,” Hispanic Heritage Month Symposium, Texas A&M University-Corpus Christi, 2007.

**SHOWS, CONCERTS, PERFORMANCES, EXHIBITIONS, CREATIVE WORKS (Local / Regional)**


Department of Communications and Theatre

BOOKS

PEER REVIEWED PUBLICATIONS/ BOOK CHAPTERS NATIONAL/INTERNATIONAL

PRESENTATIONS, ABSTRACTS, POSTERS (National / International)

PRESENTATIONS, ABSTRACTS, POSTERS (LOCAL/REGIONAL)

SHOWS, CONCERTS, PERFORMANCES, EXHIBITIONS, CREATIVE WORKS (Local / Regional)
Luna, Donald, Director of The Laramie Project, Texas A&M University-Corpus Christi, 2007.
Russell, Kelly, Director of Anima Mundi by Don Nigro, Texas A&M University-Corpus Christi, 2007.
Russell, Kelly, Director of Anima Mundi, Kennedy Center/american College Theatre Festival, Houston, 2007.
BOOK REVIEWS

Department of Communications and Theatre


Department of English

BOOKS


PEER REVIEWED PUBLICATIONS/ BOOK CHAPTERS (NATIONAL/INTERNATIONAL)


PRESENTATIONS, ABSTRACTS, POSTERS (NATIONAL/INTERNATIONAL)


Engelhardt, Molly, "The 'Preposterulous' Marie Taglioni...And Her Community of Women," Midwest Victorian Studies Association Annual Conference, Urbana-Champaign, 2007.


Quick, Catherine, "Representing Identity: Folklore along the South Texas Border." Louisiana State University, Lafayette, 2007.


PRESENTATIONS, ABSTRACTS, POSTERS (LOCAL/REGIONAL)

Cardenas, Diana, "Helping First Year Students Succeed in Writing Classes," Advanced Placement Institute, Corpus Christi, 2007.


BOOK REVIEWS


BOOK REVIEWS


BOOK REVIEWS


Department of Music

PEER REVIEWED PUBLICATIONS / BOOK CHAPTERS (NATIONAL/INTERNATIONAL)


PRESENTATIONS, ABSTRACTS, POSTERS (National / International)


PRESENTATIONS, ABSTRACTS, POSTERS (Local / Regional)

Sipes, Dan, Conductor of Tuba Christmas, Corpus Christi, 2007.

Sipes, Diana, Principal Flute, Cathedral Symphony Orchestra, Cathedral Concert Series, Corpus Christi, 2007.


SHOWS, CONCERTS, PERFORMANCES, EXHIBITIONS, CREATIVE WORKS (National / International)


SHOWS, CONCERTS, PERFORMANCES, EXHIBITIONS, CREATIVE WORKS (Local/Regional)

Anderson, Shane, Performances, University Orchestra, Corpus Christi, April, October, November, 2007.


Anderson, Shane, Student Senior Recital, Corpus Christi, May, June, October, 2007.


Anderson, Shane, Harpsichord Institute Summer Recital, Corpus Christi, 2007.


Anderson, Shane, "Flicka and Friends," Texas A&M University-Corpus Christi Faculty Recital, Corpus Christi, 2007.


Flores, Jose, Bach Solo Recital, Performing Arts Center, Texas A&M University-Corpus Christi, 2007.


Rahn, Flicka, Texas A&M University – Corpus Christi Faculty Recitals, 2007.


Scott, Ronald, University Orchestra Performances, Texas A&M University-Corpus Christi, March, April, October, November, 2007.

Sipes, Dan, Principal Tuba, Corpus Christi Symphony, Corpus Christi, 2007.

Sipes, Dan, Conductor of Tuba Christmas, Corpus Christi, 2007.

Sipes, Diana, Principal Flute, Cathedral Symphony Orchestra, Cathedral Concert Series, Corpus Christi, 2007.


Department of Psychology

PEER REVIEWED PUBLICATIONS / BOOK CHAPTERS (NATIONAL/INTERNATIONAL)


BOOK REVIEWS


**PEER REVIEWED PUBLICATIONS/ BOOK CHAPTERS (NATIONAL/INTERNATIONAL)**


**PRESENTATIONS, ABSTRACTS, POSTERS (National / International)**


**PRESENTATIONS, ABSTRACTS, POSTERS (Local/Regional)**


**REPORTS**

Jorgensen, Daniel, City of Corpus Christi, Citizen's Satisfaction Survey. Commissioned by the City of Corpus Christi, Texas. Publication of the Social Science Research Center, Texas A&M-Corpus Christi, 2007.


**SHOWS, CONCERTS, PERFORMANCES, EXHIBITIONS, CREATIVE WORKS (Local / Regional)**


**College of Nursing 2007 Publications**

**EDITORS**

Martinez, Petra; Editorial Board, *Clinical Simulation in Nursing* http://www.nursingsimulation.org/

**PEER REVIEWED PUBLICATIONS/BOOK CHAPTERS – NATIONAL/INTERNATIONAL**


FACULTY PUBLICATIONS BIBLIOGRAPHY 2007 (January 01, 2007 – December 31, 2007)


NON-PEER REVIEWED JOURNAL ARTICLES / BOOK CHAPTERS – (Local / Regional)


PRESENTATIONS, ABSTRACTS, POSTERS (National / International)


Organizational characteristics of successful partners: Building a professional workforce. Nursing Economics, (May 2007), Invited presentation, Boise, ID.


PRESENTATIONS, ABSTRACTS, POSTERS (Local / Regional)

Pondum


Forgione, B., (2007) Invited Podium Presentation. Competency Based Curriculum, Texas Woman’s University Faculty Development. Houston, Texas


COLEGE OF SCIENCE AND TECHNOLOGY

Department of Computing Sciences

PEER REVIEWED JOURNAL ARTICLES/BOOK CHAPTERS – NATIONAL/INTERNATIONAL


PROCEEDINGS


Presentations, Abstracts, Posters. (Local / Regional).

Mariani, S., Kar, D., & DeLeo, R. (2007, Nov). Retrieving passwords from memory dumps. 7th Annual Undergraduate Research Symposium, Texas A&M University-Corpus Christi, Corpus Christi, Texas.


Department of Life Sciences

Peer Reviewed Journal Articles/Book Chapters – National/International


Ismen, S.A., Gonzalez Rivera, C.B., Buck, G.W., Mott, J.B., & Ramirez, G. (2007). Differential response of Vibrio vulnificus isolates from south Texas waters to oxidative stress. J. Young Investigations 16(4); online

http://www.jyi.org/research/re.php?id=966


*Nipper, M., Carr, R.S., Strychar, K. (2007, Nov). Use of a marine hydroid model organism as surrogate for corals in early-life stage toxicity tests and immune ability assessments. SETAC 28th Annual Meeting, Milwaukee, WI.

Peer reviewed Publications / Book Chapters: (Local/Regional)


PROCEEDINGS


PRESENTATIONS/ABSTRACTS/POSTERS (National/International)


Presentations, Abstracts, Posters (Local/Regional)


Daugette, M, Maldonado, Y., Buck, G.W., & Chopin, S. (2007, Nov). Antimicrobial effects of Clematis drummondii. 9th Annual Pathways to the Doctorate Student Research Symposium, Tarleton State University, Stephenville, Texas. #139


FACULTY PUBLICATIONS BIBLIOGRAPHY 2007 (January 01, 2007 – December 31, 2007)


Peer reviewed Publications / Book Chapters:


Presentations, Abstracts, Posters (Local/Regional)


**Gibeaut, J.C.** (2007, Nov). Geohazards mapping: a tool for barrier-island management; presented to the public at the Harte Research Institute, Texas A&M University – Corpus Christi, Corpus Christi, TX.


**Gibeaut, J.C.** (2007, May). Sea-level rise and coastal wetland change: Gulf of Mexico Alliance Regional Restoration Coordination Team Workshop, Galveston, TX.

**Gibeaut, J.C.** (2007, Apr). Sea-level rise and the transition of barrier-island geoenvironments: presented to the Harte Research Institute for Gulf of Mexico Studies, Texas A&M University – Corpus Christi, Corpus Christi, TX.


**Gibeaut, J.C.** (2007, Mar). Past and future wetland change on the barrier islands of the upper Texas coast: presented at the Texas Chapter of the American Fisheries Society workshop on Challenges to Conserving Texas Coastal Wetlands, Lake Jackson, TX.

**Gibeaut, J.C.** (2007, Feb). Impacts of sea-level rise, erosion, and development on the barrier islands of the upper Texas coast; invited presentation at Texas A&M University, College Station, TX.

**Gibeaut, J.C.** (2007, Feb). Impacts of sea-level rise, erosion, storms, and development on the barrier islands of the upper Texas coast; presented to the Coastal Bend Bays Foundation, Corpus Christi, TX.


Thompson, M.L., & Larkin, P.D. (2007). Molecular Genetic Variation in the Native Plant Species Desmazaire virgatus. 7th Annual Texas A&M University-Corpus Christi Undergraduate Research Symposium, Corpus Christi, TX.


SHOWS, CONCERTS, PERFORMANCES, EXHIBITIONS, CREATIVE WORKS (National / International)


EDITORSHIPS

PEER REVIEWED JOURNAL ARTICLES/BOOK CHAPTERS – NATIONAL/INTERNATIONAL

PEER REVIEWED JOURNAL ARTICLES/BOOK CHAPTERS – LOCAL/REGIONAL

PROCEEDINGS

BOOK REVIEWS

BOOK CHAPTERS

REPORTS

FELLOWSHIPS
Nipper, Marion. (2007). Fulbright Senior Specialist Program. 3-week visit to the University of Vigo, Galicia, Spain, September 2007. Activities included the development of teaching material for a grad. course in marine ecotoxicology, discussions of Ph.D. research with several students, field trips to teach sampling techniques, and 2 seminars.

Presentations, Abstracts, Posters: (National/International)


Presentations, Abstracts, Posters: (Local / Regional)


Harte Research Institute

EDITORS/PBS


FACULTY PUBLICATIONS BIBLIOGRAPHY 2007 (January 01, 2007 – December 31, 2007)


Tunnell, J. W., Jr. (2007). General Editor. Gulf Coast Studies Book Series. Texas A&M University- Corpus Christi (Sponsor) for Texas A&M University Press College Station, Texas.


Tunnell, J. W., Jr. (2007). Editor. HRI News (Harte Research Institute quarterly newsletter). Harte Research Institute for Gulf of Mexico Studies, College Station, Texas.


BOOKS


PEER REVIEWED JOURNAL ARTICLES/BOOK CHAPTERS – NATIONAL/INTERNATIONAL


NON-PEER REVIEWED JOURNAL ARTICLES/BOOK CHAPTERS – NATIONAL/INTERNATIONAL


PROCEEDINGS


Presentations, Abstracts, Posters: (National/International)


Reese, M., G. Sturz, and A. Bushon. (2007). Recruitment of estuarine-dependent nekton through a new tidal inlet: the opening of Packery Channel in Corpus Christi, Texas. Estuarine Research Federation, Providence, RI.


SPONSORED PROJECTS ANNUAL REPORT FISCAL YEAR 2008


**Presentations, Abstracts, Posters: (Local / Regional)**


*Gibeaut, J. C. (2007). Impacts of sea-level rise, erosion, and development on the barrier islands of the upper Texas coast: invited presentation at Texas A&M University, College Station, Texas.*


Montagna, P. A. (2007). Relationship between nutrients, productivity, and diversity. Lecture for Concepts in Marine Conservation Biology - MNS 332, University of Texas Marine Science Institute, Port Aransas, TX.


REPORTS


SHOWS, CONCERTS, PERFORMANCES, EXHIBITIONS, CREATIVE WORKS


WEB PUBLICATIONS


OTHER


FACULTY PUBLICATIONS BIBLIOGRAPHY 2007 (January 01, 2007 – December 31, 2007)

PROCEEDINGS


Center for Water Supply


SPECIAL PROJECTS


2007 – Invited Workshop. An Example of Game-based Technologies in Higher Education – Pulse!!. Internet workshop for the Instructional Technology Council: The Community College Distance Learning Organization. United States


LOCAL/REGIONAL


## CONFERENCES HOSTED and FULBRIGHT AWARDS

### 2006

#### National/International Conferences

**College** | **Conference** | **Details**
--- | --- | ---
LA | Second International Conference on Youth and Education for the 21st Century (Conference Coordinator, Dorothy McClellan), Corpus Christi, June 2006, 500 participants |  
HR | NOAA Environmental Cooperative Science Center (ECSC) Partnership (Conf. Coordinator, J. W.Tunnell, Jr.) HRI, Corpus Christi, 10-12 September 2006, 20 participants |  
HR | Census of Marine Life National Committee Meeting (Conference Coordinator, John W. Tunnell, Jr.) HRI, Corpus Christi, 14-16 October 2006, 30 participants |  

#### Regional Conferences

**College** | **Conference** | **Details**
--- | --- | ---
ED | **ED** | Great Books and Grand Conversations: Annual Reading Conference (Conference Coordinator, Sherrye Garrett) March 31-April 1, 2006, 250 attendees |  
ED | **ED** | Supporting Student Success: Annual CEDER (Center for Educational Development Evaluation & Research) (Conf. Coordinator, Jack Cassidy) Feb. 16-17, 2006, 350 participants |  
S&T | **S&T** | South Texas Math Consortium (Conference Coordinator, Mohammed Yazdani) Feb. 25, 2006, 50 Participants |  
S&T | **S&T** | 18th Annual Coastal Bend Science Fair (Conference Coordinator, Jonda Halcomb) April 28th, 2006, 1,000 participants |  
S&T | **S&T** | (ME)2 by the Sea (Conference Coordinator, Elaine Young) June 2, 2006, 300 participants |  
CBI | **CBI** | Texas Height Modernization Forum, Austin, Texas, (Forum Coordinator, Gary Jeffress) 15-16 November, 2006, 80 participants |  
HR | **HR** | Southern Association of Marine Laboratories (SAML) meeting (Conf. Coordinator, John W. Tunnell, Jr.)11, 12 & 13 April 2006, 30 participants |  
HR | **HR** | Gulf Estuarine Research Society Meeting hosted by HRI/UT (Conference Coordinator, Paul Montagna/Greg Stunz) 2-4 November 2006, 65 participants |  

#### 2007

#### National/International Conferences

**College** | **Conference** | **Details**
--- | --- | ---
CBI | Workshop on the Application of Artificial Intelligence to Environmental & Geospatial Sciences (Conf. Coordinator, P. Tissot & B. Zimmer) Jan 12-13, 2007, 40 participants |  
HR | Marine Invasive Species Workshop (Conference Coordinator, Thomas Shirley) HRI, Corpus Christi 26-27 February 2007, 35 participants |  
HR | Law of the Sea Conference (Conference Coordinator, Richard McLaughlin) HRI, Corpus Christi, 22-24 March 2007, 45 participants |  
HR | Managing a Healthy Gulf of Mexico Ecosystem Workshop (Conference Coordinator, Richard McLaughlin) HRI, Corpus Christi, 1-2 November 2007, 35 participants |  
HR | Cuba – US Collaboration in Marine Science and Conservation (Conference Coordinator, John W. Tunnell, Jr.) 1-2 November 2007, Cancun, Mexico 30 participants |  

#### Regional Conferences

**College** | **Conference** | **Details**
--- | --- | ---
S&T | **S&T** | 19th Annual Coastal Bend Science Fair April 28th, 2007, 1,000 participants |  
S&T | (ME)2 by the Sea (Conference Coordinator, Elaine Young) June 8, 2007, 250 Participants |  
S&T | Family Learning Institute (Conference Coordinator, Cherie McCollough/Elaine Young) November 10, 2007, Approx. 125 participants |  
S&T | Sigma Xi Undergraduate Research Symposium (Conference Coordinator, Strychar, McCollough, Preiwitt, Cammarata, Buck) November 16-17, 2007, 300 participants |  
HR | Cuba-US workshop in Science and Conservation (Conference Coordinator, John W. Tunnell, Jr.) 1-2 November 2007, 15 participants |  
CBI | High School Educator’s Retreat, (coordinator Stacey Lyle) 10-13 June, 2007, 12 participants |  

#### 2008

#### National/International Conferences

**College** | **Conference** | **Details**
--- | --- | ---
HR | Southern Association of Marine Labs Annual Meeting (Meeting Organizer and President, John W. Tunnell, Jr.) Sarasota, Florida, 26-28 March 2008 |  
CBI | Subsidence Workshop - Geodetic Monitoring Techniques (Workshop Coordinator Gary Jeffress), April 16-18, 2008, 20 participants |  
CBI | SAM Conference Arlington, Virginia (Conference Coordinator, Moustafa Abdelsamad) April 3-6, 2008, 450 participants |  

#### Regional Conferences

**College** | **Conference** | **Details**
--- | --- | ---
S&T | Joint mtg. of the TX sections of the American Physical Soc., Ameri. Assoc. of Physics Teachers & Zone 13 of Soci. of Physics Students (Conf. Coordinator, M.K.Balasubramanya), March 7-8,2008 |  
S&T | (ME)2 by the Sea (Conference Coordinator, Elaine Young) June 2, 2008, 276 participants |  
S&T | Family Learning Events Institute (Conference Coordinator, Elaine Young & Cherie McCollough) November, 2008, 72 participants |  
CBI | Kansas Height Modernization Forum, Wichita, Kansas (Forum Coordinator Gary Jeffress), May 2, 2008, 50 participants |  
CBI | Texas Coastal Conference (Mayor Henry Garrett and Gary Jeffress), October 16, 2008, 20 participants |