OFFICE OF GRADUATE STUDIES AND RESEARCH

TAMUCC has reached a new level for sponsored projects. Awards for two of the last three years have exceeded $19M and exceeded $20M in FY 2009. The potential for 2010 is great as well with the FY09 submissions reaching $74.8M; much greater than the $40 – 50M of the last 4 years and the number of submissions at 241 exceeded 200 for the first time.

The work with the private sector has increased, the number of intellectual property communications is growing and IRB protocols are up as well.

The publication, grant and contract work reported herein documents the increased educational, research and creative work; all of which creates opportunities for students. The extensive and greater than ever publications, presentations, shows and performances is exemplary. Congratulations to the fantastic faculty and staff of TAMUCC!

The ultimate outcome for university research is immersing students and then having the students share the results with peers!

7th Annual Texas A&M University System Pathways Student Research Symposium

In the photo from left to right: Dr. Magesh Thiyagarajan (Symposium judge and Assistant Professor College of Science & Technology), Alma Williams (Participant, Education division), Taylor Flowers (second place winner undergraduate level, Education division), Shelly Fox (second place winner masters level, Social Sciences division), Julian Gelvez (second place winner masters level, Business division), Dr. Harvey Knull (Symposium judge and Associate Vice President for Research), Anh Tuan Do (second place winner masters level, Computer Science division), Rafael Calderon (first place winner masters level, Life Science division and overall winner masters level, Life Science division), April Anderson (Participant, Life Science division).
<table>
<thead>
<tr>
<th>Page</th>
<th>Office of Graduate Studies and Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Figure 1: # of Proposals: Submitted - Awarded</td>
</tr>
<tr>
<td>3</td>
<td>Figure 2: Dollar Amount Submitted</td>
</tr>
<tr>
<td>4</td>
<td>Figure 3: Award Amount by Year</td>
</tr>
<tr>
<td>4</td>
<td>Awards by College/Department</td>
</tr>
<tr>
<td>5</td>
<td>Figure 4: Award by Source</td>
</tr>
<tr>
<td>5</td>
<td>Figure 5: Award by Type</td>
</tr>
<tr>
<td>6</td>
<td>Expenditures</td>
</tr>
<tr>
<td>8</td>
<td>Texas Research Development Fund</td>
</tr>
<tr>
<td>9</td>
<td>Research Enhancement</td>
</tr>
<tr>
<td>10</td>
<td>Research &amp; Scholarly Activity Council</td>
</tr>
<tr>
<td>11</td>
<td>Compliance Committees</td>
</tr>
<tr>
<td>12</td>
<td>Faculty &amp; Staff Publications Table</td>
</tr>
<tr>
<td>13</td>
<td>The Academy Speaks 2009</td>
</tr>
<tr>
<td>14</td>
<td>Appendix I - Awards in Fiscal Year 2009</td>
</tr>
<tr>
<td>18</td>
<td>Appendix II - Principal Investigators</td>
</tr>
<tr>
<td>19</td>
<td>Appendix III - Faculty Publications 2008</td>
</tr>
<tr>
<td>47</td>
<td>Appendix IV - Conferences Held</td>
</tr>
</tbody>
</table>
The number of awards for the last two years exceeded 110. Submissions at 241 is higher than last year’s 187 by more than a 25% increase.

The amount submitted in the 241 submissions is $74.8M, with an average size of more than $300K per submission.
The award amount by year has consistently been greater than $10M for the last six years with two of the last three exceeding $19M and FY 2009 exceeding $20M. In the similar period 1994-1999 ten years ago, the award amounts averaged less than $5M showing 3-4 fold growth.
TAMUCC has exceeded $10M in federal awards for the 4th time. Ten million in federal expenditures signifies the time by which the university must switch from salaries and wages to total modified direct costs for facilities and administrative (IDC) cost recovery and also suggests 2-4 patents per year.

The award amount for research continues above $10M for the 2nd year.
<table>
<thead>
<tr>
<th>COLLEGE / DEPARTMENT SUMMARY</th>
<th>RESEARCH RESTRICTED</th>
<th>RESEARCH NON RESTRICTED</th>
<th>RESEARCH F&amp;A</th>
<th>OTHER (NON-RESEARCH)</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Education</td>
<td>5,031.90</td>
<td>3,266,065.40</td>
<td>12,237.62</td>
<td>346,254.74</td>
<td></td>
</tr>
<tr>
<td>College of Liberal Arts</td>
<td>191,180.44</td>
<td>465.12</td>
<td>142,371.56</td>
<td>68,146.87</td>
<td></td>
</tr>
<tr>
<td>CENTERS:</td>
<td>Social Science Research Center</td>
<td>11,384.77</td>
<td>55,230.00</td>
<td>1,532.10</td>
<td>68,146.87</td>
</tr>
<tr>
<td>College of Nursing</td>
<td>13,668.28</td>
<td>2,866.79</td>
<td>1,197.70</td>
<td>441,087.30</td>
<td></td>
</tr>
<tr>
<td>College of Science &amp; Technology-Dean</td>
<td>86,268.44</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DEPARTMENTS:</td>
<td>Computer Science</td>
<td>360,166.77</td>
<td>82,941.79</td>
<td>749,311.38</td>
<td></td>
</tr>
<tr>
<td>Life Sciences</td>
<td>915,980.01</td>
<td>37,836.49</td>
<td>202,294.47</td>
<td>1,242,026.18</td>
<td></td>
</tr>
<tr>
<td>Math</td>
<td>39,145.92</td>
<td>5,871.90</td>
<td>196,430.84</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical &amp; Environmental Sciences</td>
<td>793,965.72</td>
<td></td>
<td>9,819.05</td>
<td>868,592.78</td>
<td></td>
</tr>
<tr>
<td>TEES Projects</td>
<td>292,203.57</td>
<td></td>
<td>1,242,026.18</td>
<td>1,532,329.75</td>
<td></td>
</tr>
<tr>
<td>CENTERS:</td>
<td>BLUCHER / DNR / TCOON</td>
<td>2,212,440.84</td>
<td>330,853.47</td>
<td>56,808.01</td>
<td>61,756.52</td>
</tr>
<tr>
<td>Center for Coastal Studies</td>
<td>474,967.64</td>
<td></td>
<td>605,574.71</td>
<td>61,756.52</td>
<td></td>
</tr>
<tr>
<td>Center for Water Supply Studies</td>
<td>59,025.45</td>
<td>103.32</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Community Outreach</td>
<td></td>
<td></td>
<td></td>
<td>367,933.00</td>
<td></td>
</tr>
<tr>
<td>President &amp; Provost</td>
<td>12,382.50</td>
<td></td>
<td>113,273.05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assoc VP for Special Projects</td>
<td>2,323,715.12</td>
<td></td>
<td>2,521,959.85</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HARTE Research Institute¹</td>
<td>3,278,274.98</td>
<td></td>
<td>3,502,704.53</td>
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</tr>
<tr>
<td>Library</td>
<td></td>
<td></td>
<td>186,289.76</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TITLE IV / TRIO / SSS</td>
<td></td>
<td></td>
<td>1,896,115.61</td>
<td>1,896,115.61</td>
<td></td>
</tr>
<tr>
<td>Grand Total Sponsored Programs</td>
<td>$10,777,598.78</td>
<td>$749,104.73</td>
<td>$1,031,521.67</td>
<td>$19,910,094.76²</td>
<td></td>
</tr>
<tr>
<td>Non Sponsored Research Programs³</td>
<td>$3,556,449.42</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total THECB Research Expenditure Report</td>
<td>$10,777,598.78</td>
<td>$4,305,554.15</td>
<td>$1,031,521.67</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This report contains all externally sponsored expenditures and includes research, instruction, donations, and public service. The report is not limited to research as is required by THECB or NSF guidelines which only reflect research expenditures. All expenditures include F&A except for restricted research expenditures. F&A associated with restricted research expenditures are identified in column 3.

¹ Includes endowment.
² Projects and funding managed via Research Office.
³ Other research support to the University.
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’09 were $19.10M with “restricted” expenditures totaling over $10.77M. 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. As the doctoral Programs in Science & Technology progress, assistantship award amounts should likewise increase. Graduate Assistantships will soon exceed the half million mark.

<table>
<thead>
<tr>
<th>Year</th>
<th>Scholarships Undergraduate / Graduate</th>
<th>Graduate Assistantships</th>
<th>Total Student funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY04</td>
<td>$103,306.00 / $56,000.00</td>
<td>$379,903.00</td>
<td>$539,209.00</td>
</tr>
<tr>
<td>FY05</td>
<td>$476,157.94 / $143,677.45</td>
<td>$343,846.70</td>
<td>$963,682.09</td>
</tr>
<tr>
<td>FY06</td>
<td>$568,623.94 / $149,872.28</td>
<td>$423,138.58</td>
<td>$1,141,634.80</td>
</tr>
<tr>
<td>FY07</td>
<td>$285,074.52 / $32,697.76</td>
<td>$477,999.44</td>
<td>$795,771.72</td>
</tr>
<tr>
<td>FY08</td>
<td>$256,708.31 / $246,706.42</td>
<td>$441,900.00</td>
<td>$945,314.73</td>
</tr>
<tr>
<td>FY09</td>
<td>$303,836.80 / $214,538.69</td>
<td>$493,813.81</td>
<td>$1,012,189.30</td>
</tr>
<tr>
<td>PI</td>
<td>Title</td>
<td>Dept</td>
<td>Award</td>
</tr>
<tr>
<td>--------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>--------</td>
<td>---------------</td>
</tr>
<tr>
<td>Alberto Mestas-Nunez</td>
<td>Impacts of Climate Change</td>
<td>PENS</td>
<td>$31,452.00</td>
</tr>
<tr>
<td>Alex Sadovski</td>
<td>Development of the New Models of the Local Geoid along the Coast of the Gulf of Mexico</td>
<td>MATH</td>
<td>$28,675.00</td>
</tr>
<tr>
<td>Alex Sadovski</td>
<td>Equipotential surfaces of gravity in coastal areas</td>
<td>CBI</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>Amy Houlihan</td>
<td>Self-Control and Health Risk Behavior</td>
<td>LA</td>
<td>$11,833.33</td>
</tr>
<tr>
<td>Asad Salem</td>
<td>Water Disinfection Using Plasma Discharge</td>
<td>CSCI</td>
<td>$35,692.00</td>
</tr>
<tr>
<td>Benson/Fox</td>
<td>The effects of anthropogenic noise on growth rates in two commercial species of finfish</td>
<td>PENS</td>
<td>$31,020.00</td>
</tr>
<tr>
<td>David Yoskowitz</td>
<td>Ecosystem Services Research Lab</td>
<td>BUS</td>
<td>$9,300.00</td>
</tr>
<tr>
<td>Deborah Overath</td>
<td>Developing Molecular Markers for Managing Exploited Marine Species</td>
<td>LSCI</td>
<td>$32,000.00</td>
</tr>
<tr>
<td>Frank Pezold</td>
<td>Plasma Technology and Equipment Repair</td>
<td>S&amp;T</td>
<td>$20,862.62</td>
</tr>
<tr>
<td>Greg Stunz</td>
<td>Tracking APEX Predators in the Gulf of Mexico</td>
<td>LSCI</td>
<td>$30,000.00</td>
</tr>
<tr>
<td>Gregory Buck</td>
<td>Study of MRSA in Diabetics in Nueces County</td>
<td>S&amp;T</td>
<td>$5,200.00</td>
</tr>
<tr>
<td>James Gibeaut</td>
<td>Storm Impacts and Morphodynamics of the Beach Dunes System</td>
<td>LA</td>
<td>$7,350.00</td>
</tr>
<tr>
<td>JoAnna Mott</td>
<td>Characterization of comparison of S Texas environmental and clinical strains of pathogen</td>
<td>LSCI</td>
<td>$100,000.00</td>
</tr>
<tr>
<td>Jose Guardiola</td>
<td>Bootstrap on Spatial Statistics</td>
<td>MATH</td>
<td>$10,000.00</td>
</tr>
<tr>
<td>Kakali Bhattacharya</td>
<td>Academic Uses of Mobile Learning and Communication Systems in Graduate Research</td>
<td>EDU</td>
<td>$8,500.00</td>
</tr>
<tr>
<td>Kevin Concannon</td>
<td>Imaginary Mobilities: Transnationalism and the Unrest of the Nation</td>
<td>LA</td>
<td>$7,350.00</td>
</tr>
<tr>
<td>Kevin Strychar</td>
<td>Immune Responses of Coral</td>
<td>LSCI</td>
<td>$17,137.38</td>
</tr>
<tr>
<td>Lee Smee</td>
<td>Effects of Predator Biodiversity on the Magnitude of Top-Down Forces in Oyster Reef Communities</td>
<td>LSCI</td>
<td>$35,000.00</td>
</tr>
<tr>
<td>Linda Kiitz</td>
<td>Designing and Implementing a Multidisciplinary Homeland Security Curriculum</td>
<td>LA</td>
<td>$10,800.00</td>
</tr>
<tr>
<td>Lisa Comparini</td>
<td>Development of Perspective-taking as critical pedagogy in the bilingual classroom</td>
<td>LA</td>
<td>$8,999.00</td>
</tr>
<tr>
<td>Mario Garcia</td>
<td>Use of cell phones to guide blind people</td>
<td>CSCI</td>
<td>$24,706.00</td>
</tr>
<tr>
<td>Michael Ramirez</td>
<td>Reconstructing Masculinities in a Religious Men’s Movement</td>
<td>LA</td>
<td>$10,607.22</td>
</tr>
<tr>
<td>Paul Montagna</td>
<td>Collaborative Research for Energy, Environment, &amp; Security in the Gulf of Mexico</td>
<td>HRI</td>
<td>$28,000.00</td>
</tr>
<tr>
<td>Paul Montagna/Greg Stunz/Pezold Frank</td>
<td>Ph.D. Program and Assistantships</td>
<td>RADM</td>
<td>$259,000.00</td>
</tr>
<tr>
<td>Roy Lehman</td>
<td>Biofuel from Algae</td>
<td>LSCI</td>
<td>$29,451.00</td>
</tr>
<tr>
<td>Sara Baldwin</td>
<td>Breast Salud del Talking Circles, Cultural Adaptation for Hispanic Women</td>
<td>NHS</td>
<td>$9,000.00</td>
</tr>
<tr>
<td>Susan Garza</td>
<td>McNair Program</td>
<td>McNair</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>Suzette Chopin</td>
<td>Match for the EARDA Grant</td>
<td>S&amp;T</td>
<td>$7,000.00</td>
</tr>
<tr>
<td>Tim Klaus</td>
<td>Examining User Resistance in Large Scale System Implementations</td>
<td>BUS</td>
<td>$17,634.00</td>
</tr>
<tr>
<td>Yaron Rabinowitz</td>
<td>The Predictors of Health Behavior Patterns in Hispanic and Anglo College Students.</td>
<td>LA</td>
<td>$9,299.13</td>
</tr>
<tr>
<td>Yolanda Keys</td>
<td>CNO-Executive Team Communication</td>
<td>NHS</td>
<td>$7,100.00</td>
</tr>
<tr>
<td>Yuxia (Lucy) Huang</td>
<td>Explore a New Automatic Way For Ontology Construction From Online Text</td>
<td>S&amp;T</td>
<td>$11,982.00</td>
</tr>
</tbody>
</table>

Total Award: $897,605.68
Awards from the Research Enhancement Fund

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 FY09, there were a total of 8 funded projects. The list below is the FY09 awardees of Research Enhancement:

McClellan, Dorothy
Influencing US Public Policy on Prisons: At Home & Abroad $13,500.00

Sanos, Sanderine

Stunz, Greg
Using acoustic tracking to identify habitat use and movement patterns of Red Snapper in the Gulf of Mexico $13,538.00

Strychar, Kevin
A pilot study examining phagocytic (macrophagic) responses of coral amebocytes to pathogenic Vibrio sp. and cancerous pancreatic cells $5,500.00

Thomas, Rebekah
Effect of abiotic factors on angling-induced stress responses of Spotted Seatrout and Red Drum. $10,000.00

Mott, Joanna
Development of a method to improve the evaluation of Human health risks associated with recreational waters $4,400.00

Cammarata, Kirk
Advanced Imaging Technology to Develop Rapid Assessment Protocols for Levels and Patterns of Epiphyte Loading in Relation to Seagrass Status $4,093.00

Huang, Lucy
Explicit Spatial-Temporal Simulation of the Severe Acute Respiratory Syndrome Epidemic $7,515.00

COMMITTEE MEMBERS
Fiscal Year 2009
Chris Bray
Kent Byus
Patrick Larkin
Jim Lee
JoAnn McDonald
Jo Rios
Nancy Rogers
Richard Shepperd
Tom Shirley
Shawn Smith
Purpose or Function: This Council enhances academic research activities at the University.

Membership: One faculty representative from each college recommended by the dean, plus directors of the University’s research centers, the chair of the Institutional Review Board, a representative from Comptroller’s Office, a representative from the Faculty Renaissance Center Advisory Committee, a representative from the library, and the immediate winner of the Faculty Research Award. Faculty members representing their colleges serve 3-year terms.

Chair: Associate Vice President for Research & Scholarly Activity

Responsible University Official: Provost/Vice President for Academic Affairs

Knoll, Harvey  Dean of Graduate Studies & Assoc VP-Research & Scholarly Activity
Cassidy, Jack  Center for Educational Development, Evaluation & Research (CEDER)
Benson, Robert  Center for Bioacoustics
Garza, Susan  Faculty Renaissance Center Comm. Rep.
Haswell, Jan  Faculty, College of LA
Hay, Rick  Center for Water Supply Studies
Jeffress, Gary  Conrad Blucher Institute
Kreneck, Tom  Library
Layman, Eve  Chair, Institutional Review Board
McKinney, Larry  Director of Harte Research Institute
Mortimer, Mary Kay  Faculty, College of N&HS
Rhoades, Philip  Social Sciences Research Center
Sherritt, Caroline  Faculty, College of Ed
Tunnell, Wes  Center for Coastal Studies
Zimmer, Beate  Faculty, College of S&T
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 2009 are as follows:

<table>
<thead>
<tr>
<th>Name</th>
<th>College/Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eve Layman</td>
<td>Chair, College of Nursing</td>
</tr>
<tr>
<td>David Blanke</td>
<td>College of Liberal Arts</td>
</tr>
<tr>
<td>Kaye Nelson</td>
<td>College of Education</td>
</tr>
<tr>
<td>Kamiar Kouzekanani</td>
<td>College of Education</td>
</tr>
<tr>
<td>Yolanda Keys</td>
<td>College of Nursing</td>
</tr>
<tr>
<td>David Yoskowitz</td>
<td>College of Business</td>
</tr>
<tr>
<td>Greg Black</td>
<td>College of Business</td>
</tr>
<tr>
<td>Kenneth Ihenetu</td>
<td>College of Science &amp; Technology</td>
</tr>
<tr>
<td>David Moury</td>
<td>College of Science &amp; Technology</td>
</tr>
<tr>
<td>Sue Sutton</td>
<td>Library</td>
</tr>
<tr>
<td>Glen Tiller</td>
<td>Ethics Committee / Liberal Arts</td>
</tr>
<tr>
<td>Jim Gold</td>
<td>Community Member</td>
</tr>
<tr>
<td>Javier Escamilla</td>
<td>Community Member</td>
</tr>
</tbody>
</table>

### INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC)

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 2009 are as follows:

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greg Stunz</td>
<td>Chair, Scientific Representative</td>
</tr>
<tr>
<td>Kevin Strychar</td>
<td>Scientific Representative</td>
</tr>
<tr>
<td>Jennifer Anderson</td>
<td>Non–Scientific Representative</td>
</tr>
<tr>
<td>Debbie Prevratil</td>
<td>Community Member (Texas State Aquarium)</td>
</tr>
<tr>
<td>Doug Posey</td>
<td>Veterinarian</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IRB PROTOCOLS</th>
<th>CALENDAR YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2003</td>
</tr>
<tr>
<td>CONSIDERED</td>
<td>67</td>
</tr>
<tr>
<td>EXEMPTED</td>
<td>37</td>
</tr>
<tr>
<td>EXPEDITED</td>
<td>23</td>
</tr>
<tr>
<td>WITHDRAWN</td>
<td>1</td>
</tr>
<tr>
<td>EXTENDED</td>
<td>6</td>
</tr>
<tr>
<td>WITH FULL REVIEW</td>
<td>0</td>
</tr>
</tbody>
</table>
The total productivity is up again with the most books, shows, and performances by LA authors, & peer reviewed articles and presentations by S&T authors.

<table>
<thead>
<tr>
<th>Department</th>
<th>BUS</th>
<th>EDU</th>
<th>LA</th>
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*These totals are more than actual due to listings in more than one department, i.e., S&T and HRI.

**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
During his seven years at TAMU-CC, Professor Griffith has continued to analyze individuals' life stories. Along with three colleagues--Professor Raul Prezas, Visiting Professor George Labercane, and doctoral student Deborah Crowder--he collected stories from young men of Latin descent and Hispanic women of courage and used those narratives as the basis for several articles. These articles have appeared in *International Journal of Humanities, Journal of Hispanic Higher Education, Curriculum and Teaching, Journal of Border Educational Research*, as well as other national and international journals.

Canadian by birth, Dr. Griffith has spent much of his life and pursued much of his academic work in Canada. His Ph.D. and M.A., which were both in Educational Theory, are from the University of Toronto, where he also earned a B. Ed. He also has a B.A. from York University. He has served on the faculty of University of Calgary, where he was Coordinator of Graduate Programs and also Associate Dean, and also on the faculty of Acadia University, where he was Director of the School of Education as well as Professor of Education. His professional experience includes a number of years teaching in Canadian elementary and secondary education and a Montessori school in Toronto. He has been a visiting scholar in the United Kingdom at both Cambridge University and Oxford University. In 2007, five years after he came to Corpus Christi for his position at this university, he became a naturalized American citizen.

At TAMU-CC Dr. Griffith is well known for his ability to integrate his scholarship with his teaching in graduate courses on curriculum theory, educational philosophy, and critical pedagogy. He also serves as a mentor for doctoral students as they pursue their own research projects, and he collaborates on scholarly work with colleagues in Educational Leadership as well as in Curriculum and Instruction.

Professor Bryant Griffith focuses his scholarship on social, cultural, and technological issues in education. During the past three years he has published three books, a trilogy that includes *A Philosophy of Curriculum, Cultural Narration*, and *In the Borderlands of Teaching and Learning* (all published by Sense Press, Rotterdam). He argues: “The craft of teaching and learning is like playing in a symphony orchestra; every instrument has a voice and every voice is integral to the whole. For ten years, Professor Griffith has pursued cultural issues through narrative as well as the issues that people address as they tell their tales.

An early book *Where Do We Start?* (Indulgence Press, Minneapolis), a collaboration with Thomas Rose, Professor of Art at the University of Minnesota, is an art form as well as a book and presents stories told by men over forty years of age who recall and share their feelings about "the mysteries, vagaries and confusion of systematized education" and reveal their "fears, insecurities and self doubt." Housed in the permanent collections of the Whitney Museum in New York and the Getty Museum in Los Angeles, the volume provides a unique portrayal of American education.
## APPENDIX I

### FISCAL YEAR 2009 AWARDS

(Alphabetic by Principal Investigator)

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## Fiscal Year 2009 Awards

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# 2009 List of Submitting Principal Investigators

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College of Business

EDITORSHIPS

Abdelsamad, M.H., Editor-in-Chief, SAM Advanced Management Journal, Society for Advancement of Management.


BOOKS


PEER REVIEWED JOURNAL ARTICLES (REFEREED) / BOOK CHAPTERS


CONFERENCE PRESENTATIONS NATIONAL / INTERNATIONAL


SPONSORED PROJECTS ANNUAL REPORT FISCAL YEAR 2009


College of Education

EDUCATIONAL PUBLICATIONS


BOOKS


PROCEEDINGS


PRESENTATIONS, ABSTRACTS, POSTERS (National/International)


Wells, A.G., Bhattacharya, K., Morgan, D. D. (2008, Jun.). Deaf world, that’s where I’m at: Phenomenological Case Study. 20th Annual Ethnographic and Qualitative Research Conference, Cederville, OH.


Sander, J. & Zunker, N. (2008). Graduate students mentoring undergraduate students: Yes, they can! Association for Childhood Education International Annual Study Conference, Atlanta, GA.

Sander, J. & Zunker, N. (2008). Implications for teaching: Connecting university undergraduate and graduate students with the community. Association for Childhood Education International, Atlanta, GA.


NON-PEER REVIEWED PUBLICATIONS


PRESENTATIONS, ABSTRACTS, POSTERS (National/International)


FACULTY PUBLICATIONS CONTINUED

Davis, Mary Beth. (2008, Apr.). Exploring the gap between student preparation and faculty expectations: The situation of first-year Turkish students at Fatih University and Foreign Faculty Members of the ACL and the ELL departments. Third International IDEA Conference, Izmir, Turkey.


Thompson, Ethan. (2008, Oct.). Speaker, Failure Panel, Flow Conference, University of Texas at Austin.


Welch, Kristen. (2008, Nov.). Late onset offending: Mountain or molehill? American Society of Criminology, St. Louis.


PRESENTATIONS, ABSTRACTS, POSTERS (Local/Regional)


Ivy, Diana. (2008, Apr.). Girls and boys together. The Coastal Bend Association for Marriage and Family Therapy, Corpus Christi.


**FACULTY PUBLICATIONS CONTINUED**


**Sipes, Diana.** (2008). Clinics, 1-3A and 4-5A All-State flute etudes, TAMU-CC Flute Festival.


**Wolff-Murphy, Susan and Juan Carlos Huerta.** (2008, Nov.). Workshop: Learning Communities Training/Assessment, Texas Wesleyan University, Fort Worth, Texas.

**Wolff-Murphy, Susan and Juan Carlos Huerta.** (2008, Jan.). Workshop: Learning Community Development Workshop: Vision & Goals, Integrating, Classroom Techniques, and Assessment. Texas Wesleyan U., Fort Worth, TX.

**REPORTS**


**Jorgensen, Dan.** (2008, Mar.). City of Corpus Christi, Internal Services Survey. Commissioned by the City of Corpus Christi, Texas. Publication of the Social Science Research Center, Texas A&M -- Corpus Christi.


**SHOWS, CONCERT, PERFORMANCES, EXHIBITIONS, CREATIVE WORKS (National/International)**


**Anderson, Mark.** (2008). Mid-America Print Council Members' Juried Monoprint/Monotype Exhibition. Gray Gallery, Quincy University, Quincy, IL.


**Thornton, Mary.** (2008). Guest Artist Recital. First Congregational Church, Oshkosh, WI.

**Thornton, Mary.** (2008). Christmas Masses. St. Raphael's Catholic Church, Oshkosh, WI.

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


**Anderson, Shane.** (2008). TAMUK Student Senior Recitals. Kingsville, TX.

**Anderson, Shane.** (2008). TAMUCC Student Senior Recitals. Corpus Christi, TX.

**Anderson, Shane.** (2008). TAMUCC Student Junior Recital. Corpus Christi, TX.

**Anderson, Shane.** (2008). TAMUCC Faculty Recitals. Corpus Christi, TX.

**Anderson, Shane.** (2008). Rachmaninoff Piano Concerto No. 2. TAMUCC University Orchestra, Corpus Christi, TX.

**Anderson, Shane.** (2008). Brahms Piano Quintet. Islander String Quartet, Corpus Christi, TX.

**Anderson, Shane.** (2008). Bloch Concerto Grosso No. 1. TAMUCC University Orchestra, Corpus Christi, TX.


**Andrade, Bruno.** (2008). La Mirenda (Cotillion). Islander Art Gallery, Texas A&M University Corpus Christi, Texas.


**Bernhardt, Ross.** (2008). Wild Mountain Thyme, Irish Blessing. TAMUCC University Singers, Corpus Christi, TX.


**Bernhardt, Ross.** (2008). Brahms Requiem. Corpus Christi Chorale and Orchestra, Corpus Christi, TX.

**Flores, Jose.** (2008). Six concerts as part of the first violin section. Corpus Christi Symphony Orchestra, Corpus Christi, Texas.

**Flores, Jose.** (2008). Three concerts as second violin principal player. Victoria Symphony Orchestra, Victoria, Texas.


Flores, Jose. (2008). The Islander Chamber Players. Performing Arts Center, TAMUCC.

Flores, Jose. (2008). The Islander String Quartet. Performing Arts Center, TAMU-CC.


Flores, Jose. (2008). Faculty Recital. Performing Arts Center, TAMU-CC.


Huie, Bill. (2008). Producer and co-host for The Territory, KEDT-TV.


Scott, Ronald. (2008). University Orchestra Performances. TAMUCC.
Thompson, Ethan, Co-producer and co-host. (2008). The Territory. KEDT-TV, Corpus Christi, Texas.
Thornton, Mary. (2008). Faculty Recital. TAMU-CC.

WEB PUBLICATIONS

BOOK REVIEWS

College of Nursing
EDITORSHIPS
Martinez, Petra; Editorial Board, Clinical Simulation in Nursing: http://www.nursingsimulation.org/.
PEER REVIEWED PUBLICATIONS


REPORTS

PRESENTATIONS
Bray, C., Olson, K. (2008, November). Death Certificates: To Sign or Not to Sign...That is the Question. Podium Presentation American College of Nurse Practitioners.

Olenick, P.L. (2008, Nov.) How the bedside nurse learns research. Podium presentation (invited), AWHONN Texas Section Conference, Corpus Christi, TX.

Ridley, R.T. (2008, Oct.). Plucking a Flower- To Publish & Grow. Sigma Theta Tau (Delta Epsilon Chapter) annual meeting presentation


College of Science and Technology
Department of Computing Sciences


Stunz, Gregory W. Associate Editor. American Midland Naturalist.

BOOKS

PEER REVIEWED PUBLICATIONS/BOOK CHAPTERS (National/International)


FACULTY PUBLICATIONS CONTINUED
PEER REVIEWED PUBLICATIONS/BOOK CHAPTERS (Local/Regional)

PROCEEDINGS

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ANNUAL REPORT

PRESENTATIONS, ABSTRACTS, POSTERS (Local/Regional)

### REPORTS


### Department of Life Sciences

**PEER REVIEWED PUBLICATIONS/BOOK CHAPTERS (National/International)**


**PEER REVIEWED PUBLICATIONS/BOOK CHAPTERS (Local/Regional)**


**NON-PEER REVIEWED PUBLICATIONS**


### PROCEEDINGS


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


**SPONSORED PROJECTS ANNUAL REPORT FISCAL YEAR 2009**
Gutierrez, M., Cordona, A. and Smee, D.L. (2008, Apr.). *The seagrass is always greener...Comparing mechanisms that determine growth of shoal grass (Halodule wrightii) and manatee grass (Syringodium filiforme).* Benthic Ecology Meeting, Providence, Rhode Island.


Thompson, S.M., Grisé, D.J., and Overath, R.D. (2008, Aug.). *Germination on two different soil types does not explain distribution of common Gulf Coast Helianthus species.* Annual Meeting of the Ecological Society of America, Milwaukee, WI.


**FACULTY PUBLICATIONS CONTINUED**

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


**Buck, G.W.** (2008, May). *Differences in rates of infection with methicillin-resistant Staphylococcus aureus (MRSA) between Hispanic and Caucasian patients in Nueces County, Texas.* 3rd Annual Texas Conference on Health Disparities, Fort Worth, TX.


**Dailey, A., Strychar K.B., Stunz G.W., McKe D.** (2008, Mar). The effects of Leptograptus sp. as important commercial and aquarium fish in South Texas Waters. 111th Meeting of the TX Academy of Science, Corpus Christi, TX.


**Donovan, S., Huffeldt, N. and Smith, A.** (2008, Nov.). Characterization of Seagrass Epiphytes by Denaturing Gradient Gel Electrophoresis. TAMUCC Summer Undergraduate Symposium, TAMUCC, TX.


**Donovan, S., Huffeldt, N. and Smith, A.** (2008, Nov.). Characterization of Seagrass Epiphytes by Denaturing Gradient Gel Electrophoresis. TAMUCC Summer Undergraduate Symposium, TAMUCC, TX.


REPORTS

Department of Math and Statistics


PRESENTATIONS, ABSTRACTS, POSTERS (National/International)


**Denny, D.,** (2008, May). Solutions to nonlinear equations modeling compressible fluid flow with capillary stress effects. 7th AIMIS Int. Conf. on Dynamical Systems and Differential Equations, UT Arlington, TX.


**Mestas-Nunez, A.,** (2008, May). Solutions to nonlinear equations modeling compressible fluid flow with capillary stress effects. 7th AIMIS Int. Conf. on Dynamical Systems and Differential Equations, UT Arlington, TX.


FACULTY PUBLICATIONS CONTINUED


**Stunz, G.** (2008, Mar.). Spatiotemporal and habitat mediated food web dynamics in Lavaca Bay, Texas. 111th Annual Meeting of the Texas Academy of Science, Corpus Christi, Texas.
Department of Physical and Environmental Sciences


**Young, E.** (2008, Jun.). *Number Sense: Using the Rekenrek*. (ME)² by the Sea Conference. Texas A&M University-Corpus Christi, Texas.


PRESENTATIONS, ABSTRACTS, POSTERS (Local/Regional)


FACULTY PUBLICATIONS CONTINUED


**White M., Strychar, K.B., Billiot, E. and Nipper, M. (2008, Mar.). Ecological and morphological effects of gasoline, toluene, and methyl tert-butyl ether on species of Leptogorgia on the Texas coast. 111th Meeting of the Texas Academy of Science, Corpus Christi, Texas.**

REPORTS


Center for Coastal Studies

EDITORSHIPS


URL: http://harteresearchinstitute.org/books.html#environmental.

PEER-REVIEWED PUBLICATIONS/BOOK CHAPTERS (National/International)


PEER-REVIEWED PUBLICATIONS/BOOK CHAPTERS (Local/Regional)


REPORTS


Carr, R.S., J. M. Biedenbach, and M. Nipper. (2008, Oct.). Demonstration of a planar optode-based system for evaluating the effects of contaminants and other stressors on benthic communities and processes. 35th Annual Aquatic Toxicity Workshop, Saskatoon, Saskatchewan, Canada.


Nipper, M., R. S. Carr and M. Grohmann (2008, Jul.). Assessment of the model hydrozoan, Hydractinia echinata, as a surrogate for coral early-life stage toxicity assessments. 11th International Coral Reef Symposium, Fort Lauderdale, Florida, USA.


Harte Research Institute

EDITORSHIPS


BOOKS


PEER REVIEWED PUBLICATIONS/BOOK CHAPTERS (National/International)


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


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


FACULTY PUBLICATIONS CONTINUED

**Dailey, A., Strycharz K.B., Stunz G.W., McKee D. (2008, Mar.). The effects of Leptogorgia sp. as important commercial and aquarium fish in South Texas Waters. 111th Mtg of the Texas Academy of Science, Corpus Christi, TX.**


**Gibeaut, J. C. (2008, Apr.). Dune Protection and Beach Management. Short course presentation. American Society of Civil Engineers Texas Section Meeting, Corpus Christi, TX.**


**Gibeaut, J. C. (2008, Feb.). Nueces Delta digital elevation model progress. Presented at the City of Corpus Christi Rincon Bayou, Nueces Delta Studies Coordination Meeting, Corpus Christi, TX.**


**McLaughlin, R. Speaker. (2008, Mar.). Legal Aspects of Shared Marine Activities in the Gulf of Mexico. First Unitized Methodist Church Older Adult Ministries Tour, Corpus Christi, TX.**


**Montagna, P.A. (2008, Nov.). Man and the Ocean. Lecture to the Windsor Park Elementary School, 4th Grade Classes, Ocean Commotion Week, Corpus Christi, Texas.**


**Montagna, P.A. (2008, Oct.). Dead Zones large & small, including right here in Corpus Christi Bay. Coastal Bend Bays Foundation, Coastal Issues Forum, TAMUCC, TX.**


**Montagna, P.A. (2008). Relationship between freshwater inflows and nutrient concentrations in Texas estuaries. Gulf of Mexico Alliance, Nutrient Sources, Fate, & Transport Study Design Workshop, Galveston, TX.**


**Shirley, T. C. (2008, Feb.). A study of living history: Deep WWII shipwrecks in the Gulf of Mexico. Pan American Round Table Luncheon, noon seminar at the CC Town Club.**

**Shirley, T. C. (2008, Mar.). A study of living history: Deep WWII shipwrecks in the Gulf of Mexico. Society of Independent Professional Earth Scientists (SIPEX), noon seminar at the C.C. Town Club.**


**Shirley, T.C. (2008, Feb.). Saving Saba Bank: Biological Inventory of Caribbean Coral Habitats. HRI Seminar Series.**

**Tunnell, J.W., Jr.** (2008, Mar.). Harte Research Institute for Gulf of Mexico Studies. Texas Legislative Visit to Texas A&M University-Corpus Christi, Corpus Christi, TX.


**Yoskowitz, D.** (2008). The Economic value of resources to sustain nature and ecosystem Services. Climate Change Impacts on Texas Water, Austin, TX.


APPENDIX IV

CONFERENCES HOSTED

2008

**College Of Business**

**National / International**


**College of Education**

**Local/Regional (Offsite)**


Sheltered Instruction Training of Trainers (Coordinator, Frank Lucido, Boatright, C.), Dallas, TX, November 20-21, 2008, 87 participants.

Math & Science Symposium (Symposium Coordinator, Frank Lucido, Boatright, C.), Houston, TX, December 4, 2008, 21 participants.

Math & Science Symposium (Symposium Coordinator, Frank Lucido, Boatright, C.), San Antonio, TX, December 5, 2008, 40 participants.

**Science and Technology**

**National/International**

Session GC3b entitled “Interactions between Ocean and Atmosphere; Satellite based Air-sea flux estimates” of Theme-Global Change at the Pan Ocean Remote Sensing Conference (PORSEC2008) Oceanic Manifestation of Global Changes (Co-Chair, A. Mestas Nunez), Guangzhou, China, December 2-6, 2008. 400 participants.

**Local/Regional (Corpus Christi)**

111th Annual Meeting of the Texas Academy of Science (Conference Coordinator, R. Lehman), Corpus Christi, TX., March 2008, 539 participants.

*(ME)*2 by the Sea (Conference Coordinators, E. Young & F. Bruun), Corpus Christi, TX., June 12, 2008, 276 participants.


Sigma Xi and Family Learning Institute (Conference Coordinator, C. McCollough), Corpus Christi, TX., October 10, 2008, approx 75 participants.

Sigma Xi Undergraduate Research Symposium (Conference Coordinator, C. McCollough), Corpus Christi, TX., November 1, 2008, 78 participants.

Family Learning Events Institute (Conference Coordinators, Elaine Young & Cherie McCollough), Corpus Christi, TX., November 15, 2008, 72 participants.

Conference of the South Central Region of the Consortium of Computing in Colleges (Co-Chaired by J. Fernandez & C. Busch), Corpus Christi, TX., April 18 &19, 2008, approx 120 participants.

Summer Undergraduate Research Focus (Conference Coordinator, S. Chopin), Corpus Christi, TX., July 31, 2008, 60 participants.

Write Winning Grants (Conference Coordinator, S. Chopin), Corpus Christi, TX., October 25, 2008, 53 Participants

**HRI**

**Local/Regional (Corpus Christi)**