

# **Administrative and Educational Support Report**

**College of Science & Engineering**

**Annual Action Plan  
Annual Assessment Report**

**June 2004 – May 2005**



# Annual Action Plan: June 1, 2004–May 31, 2005

Unit: **College of Science and Engineering**

**UTPA Mission:** The University of Texas-Pan American (UTPA) serves the higher education needs of a rapidly growing, international, multicultural population in the South Texas Region. The University preserves, transmits and creates knowledge to serve the cultural, civic, and economic advancement of the region and the state. The University provides students advanced instruction in academic programs offered through innovative delivery systems that lead to professional certification, and baccalaureate, master's and doctoral degrees. Through teaching, research, creative activity and public service, UTPA prepares students for lifelong learning and leadership roles in the state, nation and world community.

Division: **Academic Affairs**

Unit Head: **Dr. Edwin LeMaster**

**Unit Mission:** The College of Science and Engineering supports the mission statement of the University of Texas – Pan American by committing to excellence in instruction, student performance, research, scholarly accomplishment, and professional service, and by promoting the expansion of national and international emphasis in all major areas of institutional endeavor. The College strives to provide its students and faculty an environment of academic freedom that will insure the exchange of ideas and the dissemination of knowledge. The College will provide a strong scientific and technical foundation for all students of the university. The College will continue to pursue a strong research program involving undergraduate and graduate students and faculty in all areas of science, mathematics, computer science, and engineering, and a strong teacher preparation program in science, mathematics, and technology.

**Unit Goal:** Increase Faculty and Student Research Opportunities

**Link to UTPA Goal(s):**  
 1: Ensure undergraduate student access and success  
 2: Enhance graduate education and research

| Unit Objective<br>(Action Priority: #1 is highest) | Link to UTPA Objective | Expected Outcome for Unit Objective (AA-Measurable Objective)   | Strategy(ies) to Achieve Expected Outcomes   | Assessment Criteria, Evaluation Methods for Expected Outcome  | New Resources Needed in FY05 |
|--|------------------------|---|--|---|------------------------------|
| Increased research (1)                             | 2, 4, 5                | Increase the number of publications by faculty and students of the College of Science and Engineering by 15%. | <p>Increase number of students with undergraduate research experience.</p> <p>Increase number of graduate students pursuing master's thesis.</p> <p>Work towards a merit system that encourages publication.</p> | The College dean, with the help of the assistant dean and associate dean, will count the number of faculty research publications for AY 2005 and compare the number to those of AY 2004. Only research publications will be considered in this count. Only publications published, or in-press will be counted. The end of each respective academic | None                         |

Annual Action Plan, June 1, 2004–May 31, 2005

| Unit Objective<br>(Action Priority: #1 is highest) | Link to UTPA Objective | Expected Outcome for Unit Objective (AA-Measurable Objective)  | Strategy(ies) to Achieve Expected Outcomes   | Assessment Criteria, Evaluation Methods for Expected Outcome   | New Resources Needed in FY05 |
|--|------------------------|--|--|--|------------------------------|
|  |                        |  |  | year (August 31) will be used as the effective date for counting the published works. Faculty will be asked to submit forms to the College for AY 2004 and for AY 2005 that list publications and other research activities to facilitate the assessment of this objective.  |                              |
|  |                        | Increase the number of research presentations made by College faculty and by College students by 15%.                    | <p>Increase number of students with undergraduate research experience.</p> <p>Increase number of graduate students pursuing master's thesis.</p> <p>Work towards a merit system that encourages publication.</p> | The College dean, with the help of the assistant dean and associate dean, will count the number of faculty research presentations for AY 2005 and compare the number to those of AY 2004. Only research presentations will be considered in this count. The end of each respective academic year (August 31) will be used as the effective date for counting the presented works. Faculty will be asked to submit forms to the College for AY 2004 and for AY 2005 that list presentations and other research activities to facilitate the assessment of this objective. | None                         |
|  |                        | Increase the number of external grants received by College faculty by 10%, and the number of proposals submitted by 15%. | <p>Continue to develop and submit REU or other types of research participation proposals.</p> <p>Allow discretionary released time.</p>  | The College dean, with the help of the assistant dean and associate dean, will count the number of proposals submitted and the number of proposals funded for AY 2005 and compare the number to  | None                         |

Annual Action Plan, June 1, 2004–May 31, 2005

| Unit Objective<br>(Action Priority: #1 is highest) | Link to UTPA Objective | Expected Outcome for Unit Objective (AA-Measurable Objective)                  | Strategy(ies) to Achieve Expected Outcomes  | Assessment Criteria, Evaluation Methods for Expected Outcome  | New Resources Needed in FY05 |
|--|------------------------|--|---|---|------------------------------|
|  |                        |  |   | those of AY 2004. Only research proposals submitted and funded during the assessment period will be considered in this count. The end of each respective academic year (August 31) will be used as the effective date for counting the proposal numbers. Faculty will be asked to submit forms to the College for AY 2004 and for AY 2005 that list submitted and funded proposals, to facilitate the assessment of this objective. |                              |
|  |                        | Increase the number of student credit hours in research courses by 10%.        | Increase numbers of students enrolled in masters' theses projects.  | The College dean, with the help of the assistant dean and associate dean, will determine the number of research semester credit hours produced by the college for AY 2005 and compare the hours to those of AY 2004. Both graduate and undergraduate SCHs will be considered for this count. The end of each respective academic year (August 31) will be used as the effective date for counting.                                  | None                         |
|  |                        | Increase the number of students with undergraduate research experience by 10%. | Obtain more research grants so as to fund undergraduate research students.<br><br>Having a merit system that rewards working with | Faculty of the college will be asked to submit forms at the end of AY 2004 and at the end of AY 2005 listing students that they have sponsored in undergraduate research  | None                         |

Annual Action Plan, June 1, 2004–May 31, 2005

| Unit Objective<br>(Action Priority: #1 is highest) | Link to UTPA Objective | Expected Outcome for Unit Objective (AA-Measurable Objective)                            | Strategy(ies) to Achieve Expected Outcomes   | Assessment Criteria, Evaluation Methods for Expected Outcome  | New Resources Needed in FY05  |
|--|------------------------|--|--|---|---|
|  |                        |  | undergraduate students in laboratory research.   | activities. The college's assistant dean and associate dean will facilitate in counting the students so as to calculate the percentage change. Formal reporting of the results will lie with the dean of the College. The end of each respective academic year (August 31) will be used as the official counting date.  |   |
|  |                        | Increase the number of College faculty participating in student-based activities by 10%. | <p>Have departments engage in additional student-based activities.</p> <p>Develop merit incentives to reward faculty participating in student-based activities.</p> <p>Placing incentives in College tenure and promotion documents.</p> | Faculty of the college will be asked to submit forms at the end of AY 2004 and at the end of AY 2005 listing their student-based research activities. The college's assistant dean and associate dean will facilitate in determining the total number of faculty participating in student-based activities for each academic year so as to calculate the percentage change. Formal reporting of the results will lie with the dean of the College. The end of each respective academic year (August 31) will be used as the official counting date. | Some funding may be necessary to initiate college-level student-based activities. |
|  |                        | Increase the number of students matriculating into UTPA graduate programs by 10%.        | <p>Increase partnerships with regional institutions so as to develop automatic admissions research programs.</p> <p>Continue to establish</p>  | Departments of the College will be asked to report, by August 31 of AY 2004 and AY 2005, the number of students in the respective programs matriculating into graduate programs. The  | None  |

Annual Action Plan, June 1, 2004–May 31, 2005

| Unit Objective<br>(Action Priority: #1 is highest) | Link to UTPA Objective | Expected Outcome for Unit Objective (AA-Measurable Objective) | Strategy(ies) to Achieve Expected Outcomes  | Assessment Criteria, Evaluation Methods for Expected Outcome  | New Resources Needed in FY05 |
|--|------------------------|---|---|---|------------------------------|
|  |                        |   | <p>collaborative arrangements or partnerships to support summer research for students.</p> <p>Increase the number of students in master's thesis courses.</p> | College totals will be determined for each academic year, and the dean of the College will report the percentage change to the Provost. |                              |

|                              |   |
|------------------------------|---|
| <b>Unit Goal:</b>            | Managing increasing enrollment while preserving research opportunities for faculty                          |
| <b>Link to UTPA Goal(s):</b> | <p>1: Ensure undergraduate student access and success</p> <p>2: Enhance graduate education and research</p> |

| Unit Objective<br>(Action Priority: #1 is highest) | Link to UTPA Objective | Expected Outcome for Unit Objective (AA-Measurable Objective)                | Strategy(ies) to Achieve Expected Outcomes  | Assessment Criteria, Evaluation Methods for Expected Outcome  | New Resources Needed in FY05   |
|--|------------------------|--|---|---|--|
| Increased enrollment (2)                           | 1, 4                   | Manage course offerings to increase SCH production per dollar of cost by 5%. | <p>Develop teaching strategies to allow non-research faculty a 15-hour teaching load.</p> <p>Develop an Evening College component.</p> <p>Investigate large sections of selected courses to help SCH production while allowing flexibility to keep some sections small.</p> <p>Increase online and distance learning offerings.</p> | The College dean, with the assistance of the assistant and associate deans, will determine the SCH production per dollar of cost for AY 2004 and for AY 2005. Summer SCH production will also be considered as part of the assessment. Comparison of these results and the percentage increase will be reported by the dean to the Provost by August 31 of AY 2005. | <p>Funds to pay for fifth course</p> <p>Funds to hire staff to support Evening College and to pay for adjunct faculty</p> <p>None</p> <p>Funds to pay stipends for faculty teaching online courses</p> |

|                   |  |
|-------------------|--|
| <b>Unit Goal:</b> | Increase resource development/fund raising through gifts and donations |
|-------------------|--|

Annual Action Plan, June 1, 2004–May 31, 2005

Link to UTPA  
Goal(s):

- 1: Ensure Undergraduate Student Access and Success  
2: Enhance Graduate Education and Research

| Unit Objective<br>(Action Priority: #1 is highest) | Link to UTPA Objective | Expected Outcome for Unit Objective (AA-Measurable Objective)  | Strategy(ies) to Achieve Expected Outcomes   | Assessment Criteria, Evaluation Methods for Expected Outcome  | New Resources Needed in FY05                                     |
|--|------------------------|--|--|---|--|
| Resource development (3)                           | 2, 4, 5                | Increase the funding generated in support of research, teaching, student development, and scholarships by 10%. | <p>Work closely with External Affairs, with community businesses, and with advisory councils to increase gift and donation funding.</p> <p>Develop the College's marketability to attract additional numbers of donors.</p> <p>Establish collaboration with other universities and with regional and national industries to obtain resources not available to the College.</p> | Funding generated by donations and gifts made to the departments of the College of Science and Engineering, and to the College, will be totaled for AY 2004 and for AY 2005. Comparison of the two years will lead to a percentage change that will be formally reported on August 31, 2005 by the dean to the provost. | <p>None</p> <p>Funding to increase marketability</p> <p>None</p> |



# Annual Assessment Report: June 1, 2004–May 31, 2005

Unit: **College of Science and Engineering**

**UTPA Mission:** The University of Texas-Pan American (UTPA) serves the higher education needs of a rapidly growing, international, multicultural population in the South Texas Region. The University preserves, transmits and creates knowledge to serve the cultural, civic, and economic advancement of the region and the state. The University provides students advanced instruction in academic programs offered through innovative delivery systems that lead to professional certification, and baccalaureate, master's and doctoral degrees. Through teaching, research, creative activity and public service, UTPA prepares students for lifelong learning and leadership roles in the state, nation and world community.

Division: **Academic Affairs**

Unit Head: **Dr. Edwin LeMaster**

**Unit Mission:** The College of Science and Engineering supports the mission statement of the University of Texas – Pan American by committing to excellence in instruction, student performance, research, scholarly accomplishment, and professional service, and by promoting the expansion of national and international emphasis in all major areas of institutional endeavor. The College strives to provide its students and faculty an environment of academic freedom that will insure the exchange of ideas and the dissemination of knowledge. The College will provide a strong scientific and technical foundation for all students of the university. The College will continue to pursue a strong research program involving undergraduate and graduate students and faculty in all areas of science, mathematics, computer science, and engineering, and a strong teacher preparation program in science, mathematics, and technology.

**Unit Goal:** Increase Faculty and Student Research Opportunities

**Link to UTPA Goal(s):**  
 1: Ensure undergraduate student access and success  
 2: Enhance graduate education and research

| Unit Objective<br>(Priority: #1 is highest) | Link to UTPA Objective | Expected Outcome  | Assessment Criteria, Evaluation Methods  | Assessment Results (Use actual data to describe annual performance)   | Use of Results  |
|---|------------------------|---|--|---|---|
| Increased research (1)                      | 2, 4, 5                | Increase the number of publications by faculty and students of the College of Science and Engineering by 15%. | The College dean, with the help of the assistant dean and associate dean, will count the number of faculty research publications for AY 2005 and compare the number to those of AY 2004. Only research publications will be considered in this count. Only publications published, or in-press will be counted. The end of | Faculty in the College of Science and Engineering in FY 2005 reported on Form C that they published a total of 93.2 research articles in peer-reviewed journals and a total of 140 for all faculty in the college. In FY04 the number from Form C (released time report) was 90. A fractional number means multiple authors and each author | An increase of time faculty had available to spend on research via released time granted increased by 10% due to the decision to address the faculty workload to increase professional achievement. In addition, the decision was made to provide more research assistants than in past years. This FY 06 budget request had each |

Annual Assessment Report, June 1, 2004–May 31, 2005

| Unit Objective<br>(Priority: #1 is highest) | Link to<br>UTPA<br>Objective | Expected Outcome   | Assessment Criteria,<br>Evaluation Methods  | Assessment Results<br>(Use actual data to<br>describe annual<br>performance)   | Use of Results  |
|---|------------------------------|--|---|--|---|
|   |                              |  | <p>each respective academic year (August 31) will be used as the effective date for counting the published works. Faculty will be asked to submit forms to the College for AY 2004 and for AY 2005 that list publications and other research activities to facilitate the assessment of this objective.</p>   | <p>would count 0.5 for a 2 author paper and so forth. <u>The increase in published journal articles was 55%.</u></p> <p>The number of faculty receiving reduced teaching load in FY04 was 65 and FY05 was 72, an increase of 10%.</p>                      | <p>department's request for research assistants submitted as part of the regular budget. In past years the AVPAA for Graduate Studies has had centralized control of the budget for all graduate research assistants.</p>   |
|   |                              | <p>Increase the number of research presentations made by College faculty and by College students by 15%.</p> | <p>The College dean, with the help of the assistant dean and associate dean, will count the number of faculty research presentations for AY 2005 and compare the number to those of AY 2004. Only research presentations will be considered in this count. The end of each respective academic year (August 31) will be used as the effective date for counting the presented works. Faculty will be asked to submit forms to the College for AY 2004 and for AY 2005 that list presentations and other research activities to facilitate the assessment of this objective.</p> | <p>In AY 2005, faculty in the College of Science and Engineering presented 107 articles and technical reports at professional conferences and 86.9 had published conference proceedings reported on Form C. In FY 04 the data reported was incomplete.</p> | <p>Faculty in the College received merit pay increases that recognized research publication records and also salary equity in cases of outstanding performance in the present merit cycle, effective Fall 2005.</p> <p>The method of collecting data on faculty publications and presentations is being streamlined.</p> <p>No data exists on student presentations, so a decision has been made to use new form that summarizes student publications and presentations as part of the Annual Faculty Evaluation documentation.</p> |
|   |                              | <p>Increase the number of external grants received by College faculty by 10%, and the number of</p>          | <p>The College dean, with the help of the assistant dean and associate dean, will count the number of</p>   | <p>The number of proposals submitted for external funding in FY04 as reported on faculty</p>   | <p>We have increased the number of proposals generated by faculty in the COSE. Strategies to</p>  |

Annual Assessment Report, June 1, 2004–May 31, 2005

| Unit Objective<br>(Priority: #1 is highest) | Link to<br>UTPA<br>Objective | Expected Outcome  | Assessment Criteria,<br>Evaluation Methods   | Assessment Results<br>(Use actual data to<br>describe annual<br>performance)   | Use of Results   |
|---|------------------------------|---|--|--|--|
|   |                              | proposals submitted by 15%.   | proposals submitted and the number of proposals funded for AY 2005 and compare the number to those of AY 2004. Only research proposals submitted and funded during the assessment period will be considered in this count. The end of each respective academic year (August 31) will be used as the effective date for counting the proposal numbers. Faculty will be asked to submit forms to the College for AY 2004 and for AY 2005 that list submitted and funded proposals, to facilitate the assessment of this objective. | <p>evaluation documents was 83 and in FY05 it was 109 as reported on Form C. <u>The increase was 27.7%</u>. This exceeded our goal of 15%.</p> <p>The number of funded proposals for FY 04 was 25; for FY 05 the number is 18 as of June 2005. However, the number of funded projects divided by the total number of proposals submitted over the past 2 years (43/192) yields a <u>success rate of 22%</u> for the two-year period.</p> | improve the successful funding rate for proposals generated by faculty are being implemented in February 2006 when representatives of funding agencies are coming to our campus to give presentations to faculty to assist them in finding appropriate programs for projects currently being organized by the AVP for Research and CiTEC (Computer and Information Technology Center).   |
|   |                              | Increase the number of student credit hours in research courses by 10%. | The College dean, with the help of the assistant dean and associate dean, will determine the number of research semester credit hours produced by the college for AY 2005 and compare the hours to those of AY 2004. Both graduate and undergraduate SCHs will be considered for this count. The end of each respective academic year (August 31) will be used as the effective date for counting.   | In FY05 the COSE faculty produced 994 semester credit hours in research courses. In FY04 the number was not reported.  | The process of asking faculty to report this data has already created awareness among faculty members that their curricula need to have research credit courses available to every major. Department chairs have discussed the participation of undergraduate students in research and are strongly encouraging faculty members in their department to seek funding for undergraduate student participation. The process of reporting the numbers of |

Annual Assessment Report, June 1, 2004–May 31, 2005

| Unit Objective<br>(Priority: #1 is highest) | Link to<br>UTPA<br>Objective | Expected Outcome   | Assessment Criteria,<br>Evaluation Methods  | Assessment Results<br>(Use actual data to<br>describe annual<br>performance)   | Use of Results  |
|---|------------------------------|--|---|--|---|
|   |                              |  |   |  | research semester credit hours will stimulate interest in reviewing the curricula for this addition.  |
|   |                              | Increase the number of students with undergraduate research experience by 10%.           | Faculty of the college will be asked to submit forms at the end of AY 2004 and at the end of AY 2005 listing students that they have sponsored in undergraduate research activities. The college's assistant dean and associate dean will facilitate in counting the students so as to calculate the percentage change. Formal reporting of the results will lie with the dean of the College. The end of each respective academic year (August 31) will be used as the official counting date. | The number of students with undergraduate research experience in FY04 was reported as 172 and in FY05 the number of students was 232. This was an <u>increase of 26%</u> .   | Many departments have put in research courses for students to earn credit toward graduation and this has increased student research participation.  |
|   |                              | Increase the number of College faculty participating in student-based activities by 10%. | Faculty of the college will be asked to submit forms at the end of AY 2004 and at the end of AY 2005 listing their student-based research activities. The college's assistant dean and associate dean will facilitate in determining the total number of faculty participating in student-based activities for each academic year so as to calculate the percentage change. Formal reporting of the results will lie with   | In FY05, 75% of COSE faculty on released time reported on Form C that they sponsored students in research projects. Of 104 full-time tenure/tenure-track faculty members in the college (all ranks), 78 were involved in student-based research activities. In FY04, 54 faculty members participated in student-based activities, to yield a <u>growth rate of 44%</u> . | Decisions that have been made to promote this growth and continue faculty participation in student based research activities were: (1) Made more funds available in Summer 2005 for supporting summer research students. (2) Worked with the Provost to allow graduate research assistant support as part of new faculty startup funds for FY06. (3) Increased external funding requests to support |

Annual Assessment Report, June 1, 2004–May 31, 2005

| Unit Objective<br>(Priority: #1 is highest) | Link to<br>UTPA<br>Objective | Expected Outcome  | Assessment Criteria,<br>Evaluation Methods   | Assessment Results<br>(Use actual data to<br>describe annual<br>performance)   | Use of Results  |
|---|------------------------------|---|--|--|---|
|   |                              |   | the dean of the College. The end of each respective academic year (August 31) will be used as the official counting date.  |  | undergrad and grad research students through efforts of the faculty. Also (4) increased faculty released time awards by 10% from FY04 to FY 05.   |
|   |                              | Increase the number of students matriculating into UTPA graduate programs by 10%. | Departments of the College will be asked to report, by August 31 of AY 2004 and AY 2005, the number of students in the respective programs matriculating into graduate programs. The College totals will be determined for each academic year, and the dean of the College will report the percentage change to the Provost. | In 2004, 248 students graduated from programs in The College of Science and Engineering. Of these students, 70 matriculated into doctorate or masters programs. In 2005, the number of students graduating is 280; with 92 students matriculating to Ph.D. and masters degree programs—an <u>increase of 31%</u> . | The decision was made to increase the emphasis on undergraduate research in an effort to encourage more of our minority students to pursue graduate education. In response to this emphasis faculty are getting more external and internal research funding with funds dedicated to undergraduate research support. This allows larger numbers of students to become involved in research activities; and thus results in creating a greater interest in post-graduate education. |

Annual Assessment Report, June 1, 2004–May 31, 2005

|                              |  |
|------------------------------|--|
| <b>Unit Goal:</b>            | Managing increasing enrollment while preserving research opportunities for faculty               |
| <b>Link to UTPA Goal(s):</b> | 1: Ensure Undergraduate Student Access and Success<br>2: Enhance Graduate Education and Research |

| Unit Objective<br>(Priority: #1 is highest) | Link to UTPA Objective | Expected Outcome   | Assessment Criteria, Evaluation Methods   | Assessment Results<br>(Use actual data to describe annual performance)   | Use of Results<br>(What change was made?)   |
|---|------------------------|--|---|--|---|
| Increased enrollment (2)                    | 1, 4                   | Manage course offerings to increase SCH production per dollar of cost by 5%. | The College dean, with the assistance of the assistant and associate deans, will determine the SCH production per dollar of cost for AY 2004 and for AY 2005. Summer SCH production will also be considered as part of the assessment. Comparison of these results and the percentage increase will be reported by the dean to the Provost by August 31 of AY 2005. | Cumulative data for SCH production and total budgets for the departments plus the Dean's Office show the following:<br><b>FY04:</b> SCH=78,099 and BUDGET=\$8,190,337 for a cost of <b>\$104.87/SCH.</b><br><b>FY05:</b> SCH=83,933 and BUDGET=\$9,190,059 for a cost of <b>\$109.49/SCH.</b><br>While the total cost of an SCH went up about 5%, the increase in an undergraduate SCH was 2% while a graduate SCH increased by 7%. Formula funding for upper division science courses is \$153.75 and for engineering is \$177.33, so our numbers are cost effective already. | We have made several changes in classrooms used for high volume courses to accommodate more students per section. A renovation of PSCI 102 to increase the capacity from 40 to 78 has completed and multimedia was added to the room to improve quality of classes. Additional lab sections are being scheduled in Chemistry and Physical Science this fall on Saturday because of the limited lab space and equipment available during the week. Up to 4 concurrent Chemistry labs are being taught by a single professor using student assistants. The University has made changes to better utilize the classroom space with centralized scheduling of classrooms. |

Annual Assessment Report, June 1, 2004–May 31, 2005

|                              |  |
|------------------------------|--|
| <b>Unit Goal:</b>            | Increase resource development/fund raising through gifts and donations                           |
| <b>Link to UTPA Goal(s):</b> | 1: Ensure Undergraduate Student Access and Success<br>2: Enhance Graduate Education and Research |

| Unit Objective<br>(Priority: #1 is highest) | Link to UTPA Objective | Expected Outcome   | Assessment Criteria, Evaluation Methods   | Assessment Results<br>(Use actual data to describe annual performance)  | Use of Results<br>(What change was made?)  |
|---|------------------------|--|---|---|--|
| Resource development (3)                    | 2, 4, 5                | Increase the funding generated in support of research, teaching, student development, and scholarships by 10%. | Funding generated by donations and gifts made to the departments of the College of Science and Engineering, and to the College, will be totaled for AY 2004 and for AY 2005. Comparison of the two years will lead to a percentage change that will be formally reported on August 31, 2005 by the dean to the provost. | In September 2004 a major grant from NSF through UTEP for master's degree students to continue to the doctorate was received: \$493K/year. Also, an Undergraduate Research Support grant from NSF/UTEP was received May 2005 for \$67K for 2005/06. The trend is to get more funding for student research support. A gift of \$50K was obtained from Texas Gas Co for engineering scholarships. | Faculty who received grants from the past year are going to be recognized with a luncheon scheduled at the beginning of the Fall 2005 semester. The AVP for Research, Dr. W. Fowler, has been invited to the faculty convocation in fall 2005 to discuss research opportunities and funding ideas. Dr. Fowler is also invited to two department chairs meetings to increase awareness of research opportunities for faculty. |

**Additional Resources Needed (if any) that were requested for FY06 during the budget cycle:** We requested more funding from the University for Graduate Research Assistantships in each department with a graduate program. We also asked for more graduate teaching assistantships to help reduce faculty teaching workloads so more time could be allocated to research endeavors.

====Additional resources have been requested in the FY06 budget for unrestricted funds for student and faculty awards, luncheons and recognition events in the amount of \$2000 additional funds.

====A dedicated budget for faculty recruitment that is proportional to the number of vacancies has been requested from the Provost. The past budget of \$900 per faculty position is insufficient for covering the costs of advertising positions and travel for prospective candidates for faculty positions.

====Each Department Chair was encouraged and subsequently requested Graduate Research Assistantships so those funds could support faculty recruiting, graduate student recruiting, and support more productive faculty research. Every department requested at least one GRA at \$10,000 each.

====Additional faculty research labs were requested from the RAHC center. An agreement with the UTHSC-San Antonio needs to be made to give our faculty from Biology and Chemistry use of the lab space and the Animal Care Facility for the next few years.

====Completion of the Shelled Space in the Science Building in the Biology area (2 labs) and in the Chemistry area (2 labs) was requested. Additionally, the space on the 3<sup>rd</sup> floor of the South Wing of the Science Building is needed for faculty offices and research labs.