Section 1

A. Summary: This has been an excellent year for the School of Pharmacy. Although we could list many accomplishments, we have highlighted the top twelve for 2007.

1. New Strategic Plan developed (see Attachment A - Executive Summary)
   We employed an inclusive process including ten town hall meetings; two faculty retreats. The plan was vetted by key constituents including students, administration, the Board of Advisors and alumni. Dr. Laura Brady was extremely helpful in pulling pieces of the draft into a more finished document. The result was the plan was unanimously approved by the faculty and implementation has begun.

2. Several “foundational” requirements were developed. For example, new Bylaws for the SOP were written and approved. A new Organizational Chart was implemented in January 2007. Policies and procedures are being drafted. Technical Standards for the Pharm.D. program were approved by the faculty.

3. Facilities
   a. Plans for renovation of the School of Pharmacy space in HSN are completed and we are awaiting notification of the start date.
   b. The Pharmacy Stockroom was closed with the staff member reassigned.

4. Student Excellence
   a. Admission of P1 class with exemplary academic credentials.
   b. Graduation and placement of an outstanding class of 2007 (64% chose to practice in WV).
   c. The retention rate in the Pharm.D. program typically runs 95% or above.
   d. Graduated 4 PhD and 1 MS student. We trained or assisted in training 16 residents.
   e. A student dress code to advance the professionalism of our students was approved.
   f. A large number of students attended state, regional and national meetings. For example, we received a grant of $11,000 to send 42 students to the APhA national meeting in Atlanta.
   g. Students won national awards at APhA-ASP: Operation Diabetes Region II Award Winner and Heartburn Awareness Challenge Region II Award Winner.
   h. Record number of applications to the School in 2007 with 584 seeking admission.
   i. Students performed 8,441 hours of community service including raising $2,829 in charitable donations.

5. Faculty and Staff Excellence
   a. Recruitment - New faculty recruitment that will enhance research, teaching, and service missions: Rae Matsumoto (Associate Dean for Research and Graduate Programs), Lena Maynor (Clinical Assistant Professor), Cindy Tworek (Assistant Professor), Jonathan Kline (Clinical Assistant Professor), Michael Newton (Clinical Assistant Professor),
Allen Clark (Budget Officer), Meenal Elliott (Research Specialist/Lab Manager), Patty Ryan (Director of Development) and Amy Newton (PR/Alumni Affairs).

b. A new faculty orientation program was initiated.
c. The first phase of salary adjustments (all merit based) were completed in June 2007.
d. Several faculty members received prestigious awards. For example Dr. Terry Schwinghammer has been named the 2007 recipient of the Sister Mary Gonzales Duffy Lecture Award. Doug Slain was named the Infectious Disease Clinician of the Year by the Society of Infectious Diseases. Additional awards and honors are on the Chart in Section 2, #9 below.
e. Our fourth faculty member, Dr. Schwinghammer, was selected to participate in the year long American Association of Colleges of Pharmacy (AACP) Academic Leaders Fellows Program.

6. Teaching Excellence initiatives: Advancing teaching excellence in both the Pharm.D. and Ph.D. programs

   a. David Elliott (Charleston Division) developed teaching and learning innovations to the Physiology and Therapeutics course.
   b. Improvements were made in P1/P2 basic science sequence working with faculty in the SOM.
   c. Implemented all three years of the introductory pharmacy practice experience (IPPE) program in the professional curriculum. This sequence provides Pharm.D students with hands-on experiences throughout the pharmacy program.
   d. A program to involve pharmacy students in research was initiated. To our surprise 37 of 80 first-year Pharm.D. students took an elective, "Introduction to Research".
   e. Plans are underway to implement a laptop initiative with P1 class entering in August 2008.
   f. A Learning Lunch Program was held in the fall for students and faculty to improve their teaching skills.
   g. Several faculty attended the HSC Teaching Scholars Program in June 2007.
   h. Increased number of Ph.D. graduates, employed nationwide, we experience a low attrition rate and achieve superior years-to-degree numbers for full time students, and includes Mylan and NIOSH graduate students.

7. Research/Scholarship Excellence accomplishments

   a. Increased NIH and AHRQ funding with four new awards and are hiring a new faculty member transferring 2 additional NIH grants to WVU.
   b. Suresh Madhavan received $494,303 in AHRQ funding to develop the Collaborative Health Outcomes Research of Therapies Services Center and funding from Sepracor, Inc. in the amount of $73,413 for Impact of Co-morbid Insomnia on Health-Related Quality of life and Patient Preferences in the Primary Care Setting.
   c. Grazyna Szklarz received NIH funding in the amount of $219,750 for Cytochrome P450-reductase interactions in P450 1A subfamily.
   d. Yon Rojanasakul received funding from NIH in the amount of $1,400,000 for studies on the regulation of Fas-mediated lung cell apoptosis.
   e. Pete Gannett leads the STEM EPSCoR training grant ($1,400,000 total direct costs) and has 2 subcontracts as co-investigator on NIH funded drug metabolism projects in the amount of $503,000 since 2004.
   f. Rae Matsumoto will be transferring two NIH grants to WVU.
   g. Began recruiting for the new Glover Endowed Chair in Clinical Pharmacology.
   h. Patent awarded on cervical delivery of drugs, shows interdisciplinary cooperation among schools (Pharmacy, Medicine, Engineering).
i. Drug discovery project (Gannett) with patent disclosure and SBIR application.

j. Grant reviews for NIH Study Sections by faculty members (Rojanasakul, Huber, Petros, Callery, Madhavan, and Matsumoto).

k. Four participants in the WVU grant writing individual workshop will result in 4 new grant applications (Gannett, Higa, Ma, and Moffett).

l. Sponsored Middle Atlantic Graduate Student Symposium on medicinal chemistry and pharmaceutical sciences research.

m. Sources of current extramural funding for research include NIH, AHRQ, NIJ, EPSCoR, American Diabetes Association, Unisys, Sepracor, WV DHHR, Duke University, University of Minnesota, and the Denver Health and Hospital Authority.


o. Developed a framing project to highlight the scholarly activities of the SOP faculty.

8. Service/Outreach Excellence accomplishments
   
a. Created new affiliations with important health care institutions in the state (e.g., VAMC Martinsburg, Cabell Huntington Hospital).

b. Created a residency committee to increase residency recruitment and attain accreditation for all our specialty residencies.

c. Sponsored a program for Mountaineer Week featuring Mylan’s contributions to Morgantown.

d. Began collaboration with the University of Charleston School of Pharmacy to improve preceptor training and development in WV.

e. Worked to increase the number of pharmacists completing diabetes and immunization training by the School of Pharmacy for participation in the Public Employees Insurance Program. This has grown to 218 and 24 pharmacists, respectively.

f. Conducted Weapons of Mass Destruction training programs for the state’s pharmacists.

g. The WV Poison Control Center received a record 22,040 exposure calls in 2007 and answered an additional 10,097 calls requesting information.

h. The Wigner Institute Design Team has been appointed and charged with developing the mission and goals, organizational structure, and operational plan to help WV pharmacists develop and implement medication therapy management services

i. In 2006-07, the School of Pharmacy provided 86 live continuing education (CE) sessions of one or more hours. Over 4500 pharmacists and pharmacy technicians attended these programs for a total of 5909 hours of CE.

j. Our Drug Information Center responded to over 1300 calls for health and drug information from health care providers.

k. The Rational Drug Therapy Program (RDTP) provided prior authorization services to the state Medicaid and PEIA pharmacy programs and responded to 162,817 calls in 2006-07 from pharmacies and health care provider offices to enhance cost-effective medication use.

9. Board of Advisors
   
a. BOA Bylaws were developed; each board member has annual giving expectations.

b. BOA funds are used to support Faculty and Staff Development. To date, over $20K has been received. This supports events such as the Board of Advisors Faculty and Staff Recognition Program and the Holiday Party.

c. A new BOA was appointed by President Garrison. This includes two excellent members from Mylan.

d. Attendance at BOA meetings increasing.

e. Tom Menighan was appointed as the new BOA Chair.
10. Development activities
   a. White coat ceremony initiated; over 95% of the SOP faculty and staff donated to the fund. This is the highest giving level of any school/college at WVU.
   b. Received $25K to start the Luzzi Lectureship.
   c. Received over $11k from Anido family to send students to national meetings.
   d. Tailgates at each home football game.
   e. Baby t-shirt initiative begun.

11. Communications/Assessment
   a. The Alumni Newsletter, the ShowGlobe, was redesigned.
   b. Initiated a comprehensive communications audit.
   c. Working on new model for programmatic assessment.
   d. Completed an interim ACPE report in November.

12. We had fun!
   a. Faculty and Staff Recognition Dinner Instituted the Board of Advisors Awards for Excellence in Teaching (Mr. Ridgway), Research (Dr. Rojanasakul), and Service (Dr. Scott) and for staff support (Mrs. Higa).
   b. Pig Roasting Picnic
   c. Holiday Party
   d. Tailgates at each home football game; Master Chef Tailgate aprons were awarded to faculty who volunteered to serve at the tailgate parties
   e. Soup and Potluck Parties were conducted regularly.
   f. Two faculty retreats were conducted in 2007. The next retreat is scheduled in January 2008 on the topics of Programmatic Assessment and Educational Renaissance.

B. **Key Indicators with Benchmarks**: Data from 2005-06 will serve as the benchmark year, and data from 2006-07 will serve as the first year for tracking the key indicators associated with each goal. Please note: each unit should select key indicators that are relevant to the specific goals and objectives of its own strategic plan in addition to applicable indicators listed below.

Since the School has only recently completed its Strategic Plan we are developing indicators and benchmarks as appropriate. Examples may include:

**Admission**
   - # of applicants
   - Quality of students accepted

**Retention**
   - Retention through the four year program

**Graduation Rate**

**Placement**
   - Job placement
   - Residency placement

**ACPE accreditation status**

**Research productivity**
   - NIH and other research funding

C. **Targets**: Any targets that your unit identified in its strategic plan should be listed with corresponding benchmark and first year data.

*To be determined.*
D. **Additional Comments:** Many challenges lie ahead for the School. A greater investment in the School of Pharmacy has potential for high returns. These are limitations to our progress in achieving our potential.

1. **Space and facilities**
   The facilities for the School do not support our teaching, service and research missions. Although there have been renovations to the Learning Resource Center problems persist in the availability of classrooms, securing areas for meetings and seminars. We have completed a renovation plan of our current space, but because of air handling problems this project is delayed. We are experiencing major problems with research labs lacking adequate facilities to support our research (e.g. temperature control and no back up power). This may hamper our ability to attract new faculty. Additionally, our current Pharmacy Lab has not been updated, the computer system is inadequate, and we are receiving complaints from students. We are currently leasing space for our Rational Drug Therapy Program. This program should be housed in the Pharmacy School. We are now assigning faculty to shared offices and cubicles. The solution we believe is a dedicated Pharmacy Building. There is simply not enough room for our current activities and there is certainly no room to grow. Please refer to information in Appendix B.

2. Recruiting and retaining our current high quality faculty is critical especially with the tremendous shortage of faculty nationally. We must be competitive with faculty salaries and offer packages to recruit them to WVU. We must find a way to improve staff salaries.

3. Maintaining competitiveness with other pharmacy schools in the state and region in the areas of teaching, service and research. Raising our national profile and ranking among schools of pharmacy to become Top 25

4. Class size – we need to determine if we are meeting the state’s demand for pharmacists. As such we need to critically evaluate the possibility of increasing the class size to address the growth needs of the School. This could be achieved by developing a distance education program in the Martinsburg area. However, this would require additional resources (faculty, staff, space, etc.) and asynchronous learning capabilities which we do not have access to.

### Section II

**A. University Indicators:**

1a. **Fall Headcount Enrollment:** based enrollment approved by HEPC; this reflects enrollment/registration as of the Fall Census Date. The total including pre-major enrollment has been provided by the Senior Associate Provost in order to provide a more accurate comparison with college/school enrollment goals.

<table>
<thead>
<tr>
<th></th>
<th>College/School</th>
<th>WVU (not including Potomac State)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2007</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergrad</td>
<td>n/a</td>
<td>21,145</td>
</tr>
<tr>
<td>Graduate</td>
<td>29</td>
<td>5,595</td>
</tr>
<tr>
<td>Professional</td>
<td>324*</td>
<td>1,373</td>
</tr>
<tr>
<td>Total</td>
<td>353</td>
<td>28,113</td>
</tr>
</tbody>
</table>
1b. FTE Enrollment: undergraduates and professional students are full-time at 15 credit hours; graduate students are full-time at 12 credit hours. FTE is determined by dividing the number of student credit hours by 15 for undergraduate and professional and 12 for graduate students and adding these together.

<table>
<thead>
<tr>
<th>College/School</th>
<th>WVU (not including Potomac State)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2007</td>
<td>320*</td>
</tr>
<tr>
<td>Fall 2006</td>
<td>323</td>
</tr>
<tr>
<td>Fall 2005</td>
<td>315</td>
</tr>
</tbody>
</table>

* difference due to the fact that 4 students were on Leave of Absence in 2007, but are still in the program.

2. First-year retention rate for first-time, full-time freshmen: Only students who enroll in the college/school upon entering as first-time, full-time freshmen are included in the cohort used to calculate retention. Pre-majors not included in standard college/school enrollment, such as those advised by the Undergraduate Academic Services Center, are not included. For this reason, some of the cohort groups are small.

Students retained by the university include students who have changed to majors to a different college/school but return to WVU for the fall semester of their second-year. Students retained by the college/school include students who return to the same college/school for the fall semester of their second year. These students may have changed majors, but they have not changed colleges/schools.

<table>
<thead>
<tr>
<th>2006 Cohort (returned Fall 2007)</th>
<th>Students from college/school retained at college/school</th>
<th>Students from college/school retained at WVU</th>
<th>WVU retention rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>79.4%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2005 Cohort (returned Fall 2006)</th>
<th>Students from college/school retained at college/school</th>
<th>Students from college/school retained at WVU</th>
<th>WVU retention rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>80.5%</td>
</tr>
</tbody>
</table>

3. Six-year graduation rate for first-time, full-time freshmen: Not available in a form meaningful way and need not be included. Possible ways to demonstrate student persistence and completion include progression rates, % of senior headcount to % of undergraduate degrees awarded, or
graduation rates for junior cohorts. Alternatively, graduate student statistics could be used since they are less likely to change majors. This metric is in need of further discussion and definition.

The retention rate for SOP professional phase students typically runs 95% or higher.

4. **Degree production for bachelor, masters, professional, doctoral, and total**: based on degrees awarded during the academic year (August, December, and May).

<table>
<thead>
<tr>
<th></th>
<th>College/School</th>
<th>WVU</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2006-07</strong></td>
<td>Bachelor</td>
<td>n/a</td>
</tr>
<tr>
<td></td>
<td>Masters</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Professional</td>
<td>81</td>
</tr>
<tr>
<td></td>
<td>Doctoral</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>87</strong></td>
</tr>
<tr>
<td><strong>2005-06</strong></td>
<td>Bachelor</td>
<td>n/a</td>
</tr>
<tr>
<td></td>
<td>Masters</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Professional</td>
<td>72</td>
</tr>
<tr>
<td></td>
<td>Doctoral</td>
<td>7</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>82</strong></td>
</tr>
</tbody>
</table>

5. **Degree production in STEM and health fields by specific degree program**: available through IDEAS. I can send the file if you need.

6. **Licensure pass rates**: These percent pass rates have been submitted by your college/school to Division of Planning, Institutional Research, and forwarded to HEPC. The pass rates are reported for the July 1 through June 30 fiscal year. The rates have been included here to facilitate the progress reports on the college/school strategic plan.

<table>
<thead>
<tr>
<th>Level</th>
<th>Area</th>
<th>2006-07</th>
<th>2005-06</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Professional</td>
<td>Pharm D</td>
<td>97.2</td>
<td>90.0</td>
</tr>
</tbody>
</table>

7. **Sponsored program funding**, with funding levels for instructional, research, service, and other: this data has been provided by the Office of Sponsored Programs. The funding is the actual amount received by the college/school during the July 1 through June 30 fiscal year. Funding for collaborative programs is split to reflect actual funding received by each college/school.

<table>
<thead>
<tr>
<th></th>
<th>College/School</th>
<th>WVU</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2006-07</strong></td>
<td>Research</td>
<td>$1,177,231</td>
</tr>
<tr>
<td></td>
<td>Instruction</td>
<td>$0</td>
</tr>
<tr>
<td></td>
<td>Service</td>
<td>$2,562,000</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>$227,334</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$3,966,565</strong></td>
</tr>
<tr>
<td><strong>2005-06</strong></td>
<td>Research</td>
<td>$1,461,287</td>
</tr>
<tr>
<td></td>
<td>Instruction</td>
<td>$0</td>
</tr>
<tr>
<td></td>
<td>Service</td>
<td>$906,186</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>$228,077</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>$2,595,550</strong></td>
</tr>
</tbody>
</table>
8a. Placement and employment rates for undergraduate students: The data included is from the pilot Survey of Graduating Seniors, which was administered to May 2007 graduates. No other years are available at this time. Your college/school may have more comprehensive data that has been collected for accreditation or other purposes. Please feel free to use other sources for undergraduate placement and employment.

<table>
<thead>
<tr>
<th>College/School (percent responding to question)</th>
<th>WVU (percent responding to question)</th>
<th>WVU (percent of viable surveys, no response included as negative response)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent of respondents with post-graduation employment prior to graduation</td>
<td>100% Pharm.D. graduates; includes graduates completing residencies</td>
<td>29.8%</td>
</tr>
<tr>
<td>Percent of respondents accepted into graduate or professional school prior to graduation</td>
<td>n/a</td>
<td>46.7%</td>
</tr>
</tbody>
</table>

The following data is not available from any central sources but should be included in the annual progress reports on the college/school strategic plan when available:

8b. Placement and employment rates for graduate students

For calendar year 2007

Neelam Azad, Ph.D., May 2007, Postdoctoral Fellow, WVU School of Pharmacy

Deepak Bhatia, Ph.D., August 2007, Postdoctoral Fellow, City of Hope, Duarte, CA

Cangzhuan Dong, Ph.D., May 2007, maternity leave, Houston, TX

Anuja N. Roy, Ph.D., December 2007, Pharmacoeconomist, Health Outcomes and Analytics, Walgreens Health Services, Deerfield, IL

Rahul Khanna, M.S., May 2007, continuing his Ph.D. studies at WVU

9. Faculty awards, in a chart or spreadsheet cross-listing teaching, research, and service categories with High-Recognition National Awards (see attachment), Discipline Specific Awards, and 2006-07 College/School or University Awards
Faculty Awards/Honors 2006-07

Pharmaceutical Systems and Policy Department

Virginia (Ginger) Scott
Member, Board of Directors of the American Association of Colleges of Pharmacy (AACP)
Chair, Continuing Professional Section (AACP)
“West Virginia Women in Pharmacy”, School of Pharmacy recognition
WVU School of Pharmacy Board of Advisors Award for Outstanding Service

Michael Smith
Outstanding Service Award, West Virginia Asthma Education and Prevention Program

S. Suresh Madhavan
Chair of Economic, Social, and Administrative Sciences (ESAS) Section, American Pharmacists Association.
Chair-elect of Economic, Social, and Administrative Sciences (ESAS) Section, American Pharmacists Association.

Clinical Pharmacy Department

Marie Abate
Keynote speaker, White Coat Ceremony - Professionalism, University of Michigan College of Pharmacy
Named one of 16 “West Virginia Women in Pharmacy,” School of Pharmacy.

Betsy Elswick
Distinguished Young Pharmacist of the Year Award, the West Virginia Pharmacists Association

Brian Hodges
Outstanding Teacher Award, Third-Year Doctor of Pharmacy Class

Eugene Makela
Recognized by the National Alliance for the Mentally Ill (NAMI) for exemplary work in facilitating efforts by which the College of Psychiatric and Neurologic Pharmacists can work with NAMI to better meet the needs of those with mental illness

Charles Ponte
National Certification Board for Diabetes Educators Distinguished Service Award
Distinguished Practitioner, the National Academies of Practice, Academy of Pharmacy

Elizabeth Scharman
Named one of 16 “West Virginia Women in Pharmacy”

Terrence Schwinghammer
Sister Gonzales Duffy Award, Pennsylvania Society of Health-System Pharmacists
Academic Leadership Fellows Program, American Association of Colleges of Pharmacy

Douglas Slain
Infectious Disease Clinician of the Year, Society of Infectious Diseases Pharmacists
WVU Outstanding Teacher of the Year Award
Mary Stamatakis
Elected to membership in Phi Lambda Sigma, the national pharmacy leadership society

Tara Whetsel
School of Pharmacy Outstanding Teacher, Third-Year Class

**Basic Pharmaceutical Sciences Department 2006-07**

Patrick Callery

U.S. Food and Drug Administration, Advisory Committee Service Award in recognition of distinguished service, The Food Advisory Committee, Center for Food Safety and Applied Nutrition

Peter Gannett
Provisional Patent Application, Peptides and Chemical Compound for Inhibition of SHP2 Function, Agazie, Y., Gannett, P.M.

Jason Huber
School of Pharmacy Outstanding Teacher, Second-Year Class, 2007

Robert Griffith
School of Pharmacy Outstanding Teacher, Second-Year Class, 2007

Yon Rojanasakul
School of Pharmacy Board of Advisors Award for Research

**Administration**

Patricia Chase
Chair of the Council of Deans for the American Association of Colleges of Pharmacy

Clarke Ridgway
School of Pharmacy Board of Advisors Award for Excellence in Teaching. Clarke gave the “Last Lecture” at the dinner held in October 2007.

**10. List of programs with national recognition** and evidence of recognition (e.g. ranking by *U.S. News* or accrediting agency)

The WVU School of Pharmacy is ranked 32nd in US Schools and Colleges of Pharmacy by the US News. This is out of a total of 110 schools in the US.
The WVU School of Pharmacy (SOP) strategic plan for the period 2007-10 focuses on four areas:

**The SOP Strategic Focus Areas**

- **Education**
- **Research & Scholarship**
- **Service & Patient care**
- **Development**

**Education Goal.** The WVU School of Pharmacy will provide outstanding educational programs where students will develop as active learners and critical thinkers as they attain the knowledge, skills and values to provide patient care that ensures optimal drug therapy outcomes. The educational programs of the School will be progressive and will empower students to become leaders, innovators, and life-long learners who will serve as catalysts to advance pharmacy practice in a rapidly changing health care environment.

**Objectives for Achieving Education Goals:**

- Provide a high quality Doctor of Pharmacy degree program with graduates who are prepared to provide patient-and and population-centered care; able to adapt to the changing demands of health care and pharmacy practice needs; and committed to lifelong learning.
- Design an environment that assists faculty in developing innovative teaching and learning strategies; promotes integration among disciplines; encourages problem-solving and analytical/critical thinking; and utilizes advanced technology throughout the curriculum.
- Provide a flexible curriculum that permits Doctor of Pharmacy students to pursue areas of professional interest and career options through certificate and other credentialing programs.
- Enhance the existing School of Pharmacy Doctor of Philosophy program and its two tracks for growth and national recognition.
- Develop innovative graduate education and post-doctoral training programs that contribute to the research initiatives of the School and enhance SOP residency programs for growth and national recognition.
- Perform assessment of student learning and curricular effectiveness to facilitate the continual and optimal enhancement of the professional and graduate programs.

**Research and Scholarship Goal.** Research and scholarship conducted by the School will have a profound impact on pharmaceutical science and health care, leading to national and international recognition for excellence and innovation.
Objectives for Achieving Research Goals:

- Increase federal and other sources of extramural research grant funding to reach the Top 35 by 2010.
- Take a leadership role in advancing interdisciplinary and translational research that is consistent with the Health Sciences Center thematic research areas.
- Achieve national recognition for excellence in health-related research and scholarship.
- Develop a School-wide culture of research and scholarship that is integrated with the teaching and service missions of the School of Pharmacy.
- Develop and implement an ongoing process of revenue generation to support the School of Pharmacy Strategic Research Plan.

Service and Patient Care Goal. Advance the pharmacy profession and improve the health of the people of the State and nation through direct and indirect service programs, involvement in professional organizations, and through consultation with health care professionals to design, develop, and implement safe, effective, and cost-efficient drug therapies.

Objectives for Achieving Service and Patient Care Goals:

- Document the healthcare and supportive services provided by School of Pharmacy faculty to patients, students, health care professionals and the community and assess improvement in health and quality of life and value to those who benefit from those services.
- Advance the service and patient care interests of the School, University, profession, and scientific community through the involvement of faculty in community engaged service, and professional and scientific organizations at the state and national levels.
- Develop and actively participate in local, regional, and statewide public policy and public health initiatives that foster safe and effective medication therapy, health promotion and disease prevention, access to health services, and emergency preparedness.
- Advance pharmacy education and practice within the state.

Development Goal. The School will build alumni loyalty and create scholarships, endowed chairs, and professorships to foster an invested faculty, enhance revenues, and gain greater financial security. The School will develop programs to facilitate external communications and promote the reputation of the School, the Health Sciences Center and the University.

Objectives for Achieving Development Goals:

- Create an ongoing process of revenue generation through portfolio management to support the School of Pharmacy Strategic Plan (federal and extramural research grant funding; entrepreneurial activities; foundation revenues, etc.)
- Design development activities for alumni, donors, friends and other constituents to enhance relationships and establish a tradition of giving time and talent.
- Expand outreach and build productive relationships with alumni, legislators, and other constituents.
- Establish partnerships, collaborations and strategic alliances to advance the mission of the School.

Appendix B

Capital Campaign Request
Pharmacy’s Top Priority

A new dedicated SOP building with the latest teaching technologies (to include the ability to do synchronous and asynchronous learning to branch campuses), new research labs, OSCE labs, Pharmaceutical Care Labs, Center for Drug Discovery and Translational Research, Drug Information Center, Computational Chemistry Lab, the Health Education Center, the Mylan Model Pharmacy, the Rational Drug Therapy Program (RDTP), the COHORTS Center, animal care facilities, and the Cook Hayman Museum. One floor of the new building will be dedicated to contract research initiatives with pharmaceutical companies in areas such as pharmaceutics, pharmacokinetics and health outcomes.