

FAMOUS ASSESSMENT PLANNING FORM For Research

SECTION I _ GENERAL INFORMATION	
Academic Year	2010 - 2011
College/School	College of Pharmacy & Pharmaceutical Sciences
Contact Person	Ellen S. Campbell
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SECTION II_ COLLEGE/SCHOOL MISSION/GOALS CONNECTION	
Excerpt(s) Citing Linkage to University Mission Statement about Research	to provide an enlightened and enriched academic, intellectual, moral, cultural, ethical, technological and student-centered environment conducive to the development of highly qualified individuals who are prepared and capable of serving as leaders and contributors in our ever-evolving society...FAMU is committed to...meaningful public and community service through creative partnerships at the local, state, national and global levels...While the University continues its historic mission of educating African Americans, persons of all races, ethnic origins and nationalities are welcomed and encouraged to remain life-long members of the university community.
Excerpt(s) Citing Linkage to University Goal (s) Statements about Research	University Goal 3.4: Firmly establish the University as a competitive Doctoral/Research-Intensive University that is highly regarded in the research community and is noted for state-of-the-art research that supports high-quality graduate, undergraduate and professional programs.
Mission/Goals on Research From College or School Strategic Plan	The College is committed to the advancement of pharmaceutical knowledge through teaching, research, and service in a supportive and caring environment that enhances the attainment of educational excellence and the highest standards in professional and ethical practice. Produce pharmaceutical scientists, who through teaching, research, and service, contribute to the body of pharmaceutical knowledge
Expected Objectives or Outcomes on Research From College or School Strategic Plan	Faculty Research Outcomes -Faculty shall conduct basic sciences, clinical and outcome research to address health care problems, especially among minority and disadvantaged communities. The outcomes of this research are as follows: <ol style="list-style-type: none"> 1. Faculty shall compete successfully for mainstream extramural funding. 2. Faculty shall maintain a consistent publication record in refereed indexed national and international scientific periodicals 3. Faculty shall articulate, communicate and present research findings at national and international meetings

	<p>Graduate Student Research Outcomes: Graduate students are expected to:</p> <ol style="list-style-type: none">4. Conceive, design, conduct and interpret independent research.5. Publish research findings in refereed indexed national and international periodicals.6. Articulate, communicate and present research findings at local, national or international scientific meetings.7. *Compete successfully for external funding (i.e. internship, fellowship, trainingship, or thesis/dissertation funding) <p>* for PhD students only</p>
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SECTION III_ FAMOUS SIX STEPS		
EXPECTED RESEARCH Objective or Outcome #1		
Step 1	Formulate Outcome	Faculty shall compete successfully for extramural funding.
Step 2	Ascertain Criteria for Success	<p>Direct Criteria for Success:</p> <ol style="list-style-type: none"> 1. 50% of full-time tenured or tenure-track faculty will apply for funding. 2. 20% of full-time tenured or tenure-track faculty will have at least one extramural funded project <p>Indirect Criteria for Success: 75% of faculty will agree that they have adequate resources for their research/scholarship needs to compete for grants and extramural funding</p>
Step 3	Measure Performance Using Direct and Indirect Methods of Assessment	<p>Direct Assessment Method(s): Faculty who apply for and obtain extramural funding as reported by the College's Research Center Office</p> <p>Indirect Assessment Method(s): Online faculty survey</p>
Step 4	Observe and Summarize Results	<p>Results of Direct Criteria for Success: 76% of full-time tenured or tenure-track faculty applied for funding</p> <p>54% of full-time tenured or tenure-track faculty have at least one extramural funded project</p> <p>Results of Indirect Criteria for Success: 44% of faculty agreed that they have adequate resources for their research/scholarship needs to compete for grants and extramural funding</p>
Step 5	Use of Results for Improvement (Implemented)	The direct criterion was met, but the indirect measure indicates a problem with resources. This has been communicated to the College's administration.
Step 6	Strengthen College or School (Action Plan)	The problem of obtaining additional resources during periods of tight budgets is a recurring one that is consistently examined for potential resolutions.

SECTION III_ FAMOUS SIX STEPS		
EXPECTED RESEARCH Objective or Outcome #2		
Step 1	Formulate Outcome	Faculty shall maintain a consistent publication record in refereed indexed national and international scientific periodicals
Step 2	Ascertain Criteria for Success	<p>Direct Criteria for Success: 70% of faculty will have at least one publication in refereed scientific periodical</p> <p>20% of faculty will have at least one publication in a refereed journal with an impact rating of 4.5 or higher.</p> <p>Indirect Criteria for Success: 75% of faculty will agree that they have adequate resources for their research/scholarship needs to publish articles</p>
Step 3	Measure Performance Using Direct and Indirect Methods of Assessment	<p>Direct Assessment Method(s): Full-time tenured or tenure-track faculty publication record as reported by the College's Research Center Office</p> <p>Indirect Assessment Method(s): Online faculty survey through AACP website</p>
Step 4	Observe and Summarize Results	<p>Results of Direct Criteria for Success: 70% of faculty reported at least one publication in refereed scientific periodical</p> <p>47% of faculty will had at least one publication in a refereed journal with an impact rating of 4.5 or higher.</p> <p>Results of Indirect Criteria for Success: 59% of faculty will agree that they have adequate resources for their research/scholarship needs to publish articles</p>
Step 5	Use of Results for Improvement (Implemented)	The direct criterion was met, but the indirect measure indicates a problem with resources. This has been communicated to the College's administration.
Step 6	Strengthen College or School (Action Plan)	The problem of obtaining additional resources during periods of tight budgets is a recurring one that is consistently examined for potential resolutions.

SECTION III_ FAMOUS SIX STEPS		
EXPECTED RESEARCH Objective or Outcome #3		
Step 1	Formulate Outcome	Faculty shall articulate, communicate and present research findings at national and international meetings
Step 2	Ascertain Criteria for Success	<p>Direct Criteria for Success: 50% of faculty will attend and present research findings at national meetings</p> <p>Indirect Criteria for Success: 90% of faculty will agree that they are encouraged to engage in scholarly activities</p>
Step 3	Measure Performance Using Direct and Indirect Methods of Assessment	<p>Direct Assessment Method(s): Full-time tenured or tenure-track faculty publication record as reported by the College's Research Center Office</p> <p>Indirect Assessment Method(s): Online faculty survey through AACP website</p>
Step 4	Observe and Summarize Results	<p>Results of Direct Criteria for Success: 68% of faculty attended a professional national meeting and 38% of faculty presented research findings at national meetings</p> <p>Results of Indirect Criteria for Success: 95% of faculty agreed that they are encouraged to engage in scholarly activities</p>
Step 5	Use of Results for Improvement (Implemented)	Although a large percent of faculty attended a professional meeting, the percent who presented findings was below criteria. This information has been given to the faculty and administration to encourage this activity.
Step 6	Strengthen College or School (Action Plan)	Continue to monitor

SECTION III_ FAMOUS SIX STEPS		
EXPECTED RESEARCH Objective or Outcome #4		
Step 1	Formulate Objective	Conceive, design, conduct and interpret independent research
Step 2	Ascertain Criteria for Success	<p>Direct Criteria for Success: 50% of MS and Ph D students will submit abstracts to major professional meetings</p> <p>Indirect Criteria for Success: 80% of graduate students will rate themselves as proficient in conceiving, designing, conducting, and interpreting independent research</p>
Step 3	Measure Performance Using Direct and Indirect Methods of Assessment	<p>Direct Assessment Method(s): Abstract submission as reported by major advisor</p> <p>Indirect Assessment Method(s): Students will rate themselves as proficient in conceiving, designing, conducting and interpret independent research through annual graduate student (self-evaluation) survey</p>
Step 4	Observe and Summarize Results	<p>Direct Measure(s): During the academic year, 95% of graduate students submitted an abstract for presentation at a professional meeting</p> <p>Results of Indirect Criteria for Success: 86% of graduate students rated themselves as proficient in conceiving, designing, conducting, and interpreting independent research.</p>
Step 5	Use of Results for Improvement (Implemented)	Results indicate the program exceeded the criteria.
Step 6	Strengthening Unit Services (Action Plan)	None needed at this time

SECTION III_ FAMOUS SIX STEPS		
EXPECTED RESEARCH Objective or Outcome #5		
Step 1	Formulate Objective	Graduate Students will publish research findings in refereed indexed national and international periodicals
Step 2	Ascertain Criteria for Success	<p>Direct Criteria for Success: 20% of MS students and 40% of PhD students will submit a manuscript for publication</p> <p>Indirect Criteria for Success: 80% of graduate students will rate themselves as proficient in publishing research in scientific periodicals</p>
Step 3	Measure Performance Using Direct and Indirect Methods of Assessment	<p>Direct Assessment Method(s): Manuscript submission as reported by major advisor</p> <p>Indirect Assessment Method(s): Students will rate themselves as proficient in publishing research in scientific periodicals through annual graduate student (self-evaluation) survey</p>
Step 4	Observe and Summarize Results	<p>Results of Direct Criteria for Success: 25% of MS students and 56% of PhD students submitted a manuscript for publication</p> <p>Results of Indirect Criteria for Success: 77% of graduate students rated themselves as proficient in publishing research in scientific periodicals</p>
Step 5	Use of Results for Improvement (Implemented)	The results indicate that the direct criterion was met, but not the indirect. This information was communicated to graduate faculty.
Step 6	Strengthening Unit Services (Action Plan)	Faculty should encourage their students to take initiative in the research process and possibly take the Scientific Communications course offered in the college

SECTION III_ FAMOUS SIX STEPS		
EXPECTED RESEARCH Objective or Outcome #6		
Step 1	Formulate Objective	Graduate students will articulate, communicate and present research findings at local, national or international scientific meetings
Step 2	Ascertain Criteria for Success	<p>Direct Criteria for Success: 100% of graduate students will make presentation at a professional meeting at least once during their graduate program</p> <p>Indirect Criteria for Success: 80% of graduate students will rate themselves as proficient in articulating, communicating and presenting research at national scientific meetings</p>
Step 3	Measure Performance Using Direct and Indirect Methods of Assessment	<p>Direct Assessment Method(s): List of graduating students along with designation of whether they presented at a national or international scientific meeting.</p> <p>Indirect Assessment Method(s): Students will rate themselves as proficient in presenting research at national scientific meetings through annual graduate student (self-evaluation) survey</p>
Step 4	Observe and Summarize Results	<p>Results of Direct Criteria for Success: 100% of graduating students presented at a professional meeting at least once during their graduate program</p> <p>Results of Indirect Criteria for Success: 91% of graduate students rated themselves as proficient in presenting research at national scientific meetings through annual graduate student (self-evaluation) survey</p>
Step 5	Use of Results for Improvement (Implemented)	Results indicate the program exceeded the criteria.
Step 6	Strengthening Unit Services (Action Plan)	None needed at this time

SECTION III_ FAMOUS SIX STEPS		
EXPECTED RESEARCH Objective or Outcome #7		
Step 1	Formulate Objective	Ph D candidates will compete successfully for external funding (i.e. internship, fellowship, trainingship, or thesis/dissertation funding)
Step 2	Ascertain Criteria for Success	<p>Direct Criteria for Success: 80% of Ph.D candidates will apply for external funding support. 20% of Ph.D candidates will receive external funding support</p> <p>Indirect Criteria for Success: 80% of PhD candidates will rate themselves as proficient in competing for external funding</p>
Step 3	Measure Performance Using Direct and Indirect Methods of Assessment	<p>Direct Assessment Method(s): PhD Candidates' submission and receipt of extramural funding as reported by major advisor</p> <p>Indirect Assessment Method(s): Students will rate themselves as proficient in competing successfully for external funding (i.e. internship, fellowship, trainingship, or thesis/dissertation funding through annual graduate student (self-evaluation) survey</p>
Step 4	Observe and Summarize Results	<p>Results of Direct Criteria for Success: 7 out of 14 (50%) PhD candidates submitted applications for external funding and 1 out of 14 (7%) received funding.</p> <p>Results of Indirect Criteria for Success: 9 out of 14 (64%) PhD candidates rated themselves as proficient in competing successfully for external funding</p>
Step 5	Use of Results for Improvement (Implemented)	The results have been provided to graduate faculty to encourage students to apply for funding.
Step 6	Strengthening Unit Services (Action Plan)	There will be a more concerted effort to inform graduate students and their advisors about funding opportunities