

## FAMOUS ASSESSMENT PLANNING FORM

Instructional Programs (IP)	
SECTION I _ GENERAL INFORMATION	
<b>Degree Program</b>	Master of Science
<b>College/School</b>	College of Pharmacy & Pharmaceutical Sciences
<b>Contact Person(s)</b>	Drs. Ellen S. Campbell
<b>Academic Year</b>	2010 – 2011
<b>Date Submitted, Steps 1-3</b>	November 2010
<b>Date Submitted, Steps 4-5</b>	October 31, 2011
<b>Date Submitted, Step 6</b>	October 31, 2011

SECTION II_ INSTITUTIONAL MISSION/GOALS CONNECTION	
<b>Excerpt(s) Citing Linkage to University Mission Statement</b>	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.
<b>Excerpt(s) Citing Linkage to University Goal (s) Statements</b>	<b>Goal 5.1: Produce diverse and culturally astute graduates for the global workforce.</b> <b>Strategy 5.1.2:</b> Become a top producer of African Americans with graduate and professional degrees in the Science, Technology, Engineering and Mathematics (STEM), law and health.
<b>Program Mission/Goals</b>	The primary mission of the College of Pharmacy and Pharmaceutical Sciences, in concert with Florida A&M University, is to prepare students for life-long learning and careers in an evolving profession of pharmacy. The College reinforces its mission through an active role and responsibility in the delivery, outcome, and study of pharmaceutical care services it shares with other healthcare providers. 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. The College inculcates cultural sensitivity and diversity through its faculty, student body, and patient care.  <b>Goals</b> To fulfill the mission of the Florida A&M University College of Pharmacy and Pharmaceutical Sciences, the goals of the College are set forth as the following:

	<p><b>Goal 1:</b> Prepare pharmacy graduates with the attitudes, knowledge, skills, and abilities, to become highly qualified pharmacists. These graduates will work with patients and other health care providers to screen for, prevent, and resolve medication-related problems, as well as provide health promotion, disease prevention and disease- management services.</p> <p><b>Goal 2:</b> Produce pharmaceutical scientists, who through teaching, research and service, contribute to the body of pharmaceutical knowledge.</p> <p><b>Goal 3:</b> Promote pharmaceutical research and knowledge generation through the acquisition of extramural funding and published research data.</p> <p><b>Goal 4:</b> Build and nurture an environment, which satisfies work, career opportunities and professional growth for faculty, and staff.</p> <p><b>Goal 5:</b> Provide programs, resources, and services to our patients and the community.</p>
<p><b>Program Expected Outcomes</b></p>	<p><b>Outcome Statements:</b></p> <p>Graduates shall be able to:</p> <ul style="list-style-type: none"> <li>• Conceive, design, conduct and interpret independent research.</li> <li>• Provide pharmaceutical education at both undergraduate and graduate levels.</li> <li>• Publish research findings in refereed indexed national and international scientific periodicals.</li> <li>• Articulate, communicate and present research findings at local, national and international scientific meetings.</li> <li>• Progress in a timely manner</li> </ul>

<b>SECTION III_ FAMOUS SIX STEPS</b>		
<b>EXPECTED EDUCATIONAL OUTCOME #1</b>		
<b>Step 1</b>	<b>Formulate Objective</b>	Conceive, design, conduct and interpret independent research
<b>Step 2</b>	<b>Ascertain Criteria for Success</b>	<p><b>Direct Criteria for Success:</b> 50% of MS students will submit abstracts to major professional meetings</p> <p><b>Indirect Criteria for Success:</b> 80% of MS graduate students will rate themselves as proficient in conceiving, designing, conducting, and interpreting independent research</p>
<b>Step 3</b>	<b>Measure Performance Using Direct and Indirect Methods of Assessment</b>	<p><b>Direct Assessment Method(s):</b> Abstract submission as reported by major advisor to the Graduate Programs coordinator at the Office of Student Services</p> <p><b>Indirect Assessment Method(s):</b> MS Students will rate themselves as proficient in conceiving, designing, conducting and interpret independent research through annual graduate student (self-evaluation) survey</p>
<b>Step 4</b>	<b>Observe and Summarize Results</b>	<p><b>Results of Direct Criteria for Success:</b> 100% of MS students submitted an abstract to major professional meeting.</p> <p><b>Results of Indirect Criteria for Success:</b> 50% of MS students rated themselves as proficient in conceiving, designing, conducting, and interpreting independent research</p>
<b>Step 5</b>	<b>Use of Results for Improvement (Implemented)</b>	The results indicate that the direct criterion was met, but not the indirect. This information was communicated to graduate faculty.
<b>Step 6</b>	<b>Strengthening Unit Services (Action Plan)</b>	Faculty should encourage their students to take initiative in the research process

<b>SECTION III_ FAMOUS SIX STEPS</b>		
<b>EXPECTED EDUCATIONAL OUTCOME #2</b>		
<b>Step 1</b>	<b>Formulate Objective</b>	Provide Pharmaceutical Education at the undergraduate level
<b>Step 2</b>	<b>Ascertain Criteria for Success</b>	<p><b>Direct Criteria for Success:</b> 100% of MS graduate students will participate in undergraduate teaching during their matriculation</p> <p><b>Indirect Criteria for Success:</b> 80% of MS graduate students will rate themselves as proficient in undergraduate teaching</p>
<b>Step 3</b>	<b>Measure Performance Using Direct and Indirect Methods of Assessment</b>	<p><b>Direct Assessment Method(s):</b> Classes taught by student as reported by their major advisor to the Graduate Programs coordinator at the Office of Student Services</p> <p><b>Indirect Assessment Method(s):</b> MS Students will rate themselves as proficient in teaching at the undergraduate level through annual graduate student (self-evaluation) survey</p>
<b>Step 4</b>	<b>Observe and Summarize Results</b>	<p><b>Results of Direct Criteria for Success:</b> 100% of MS students who graduated, participated in PharmD teaching during their matriculation</p> <p><b>Results of Indirect Criteria for Success:</b> 50% of MS graduate students rated themselves as proficient in undergraduate teaching</p>
<b>Step 5</b>	<b>Use of Results for Improvement (Implemented)</b>	The results indicate that the direct criterion was met, but not the indirect. This information was communicated to graduate faculty.
<b>Step 6</b>	<b>Strengthening Unit Services (Action Plan)</b>	Faculty should encourage their students to take initiative in teaching as well as research

<b>SECTION III_ FAMOUS SIX STEPS</b>		
<b>EXPECTED EDUCATIONAL OUTCOME #3</b>		
<b>Step 1</b>	<b>Formulate Objective</b>	Graduate Students will publish research findings in refereed indexed national and international periodicals
<b>Step 2</b>	<b>Ascertain Criteria for Success</b>	<b>Direct Criteria for Success:</b> 20% of MS students will submit a manuscript for publication  <b>Indirect Criteria for Success:</b> 80% of MS graduate students will rate themselves as proficient in publishing research in scientific periodicals
<b>Step 3</b>	<b>Measure Performance Using Direct and Indirect Methods of Assessment</b>	<b>Direct Assessment Method(s):</b> Manuscript submission as reported by major advisor to the Graduate Programs coordinator at the Office of Student Services  <b>Indirect Assessment Method(s):</b> MS Students will rate themselves as proficient in publishing research in scientific periodicals through annual graduate student (self-evaluation) survey
<b>Step 4</b>	<b>Observe and Summarize Results</b>	<b>Results of Direct Criteria for Success:</b> 25% of MS students submitted a manuscript for publication  <b>Results of Indirect Criteria for Success:</b> 50% of MS graduate students rated themselves as proficient in publishing research in scientific periodicals
<b>Step 5</b>	<b>Use of Results for Improvement (Implemented)</b>	The results indicate that the direct criterion was met, but not the indirect. This information was communicated to graduate faculty.
<b>Step 6</b>	<b>Strengthening Unit Services (Action Plan)</b>	Faculty should encourage their students to take initiative in the research process and possibly take the Scientific Communications course offered in the college

<b>SECTION III_ FAMOUS SIX STEPS</b>		
<b>EXPECTED EDUCATIONAL OUTCOME #4</b>		
<b>Step 1</b>	<b>Formulate Objective</b>	Graduate students will articulate, communicate and present research findings at local, national or international scientific meetings
<b>Step 2</b>	<b>Ascertain Criteria for Success</b>	<p><b>Direct Criteria for Success:</b> 100% of MS students will make presentation at a professional meeting at least once during their graduate program</p> <p><b>Indirect Criteria for Success:</b> 80% of MS graduate students will rate themselves as proficient in articulating, communicating and presenting research at national scientific meetings</p>
<b>Step 3</b>	<b>Measure Performance Using Direct and Indirect Methods of Assessment</b>	<p><b>Direct Assessment Method(s):</b> List of graduating MS students along with designation of whether they presented at a national or international scientific meeting as collected by the Graduate Programs coordinator at the Office of Student Services.</p> <p><b>Indirect Assessment Method(s):</b> MS Students will rate themselves as proficient in presenting research at national scientific meetings through annual graduate student (self-evaluation) survey</p>
<b>Step 4</b>	<b>Observe and Summarize Results</b>	<p><b>Results of Direct Criteria for Success:</b> 100% of MS students who graduated in 2011 made presentation at a professional meeting at least once during their graduate program</p> <p><b>Results of Indirect Criteria for Success:</b> 50% of MS graduate students rated themselves as proficient in articulating, communicating and presenting research at national scientific meetings</p>
<b>Step 5</b>	<b>Use of Results for Improvement (Implemented)</b>	The results indicate that the direct criterion was met, but not the indirect. This information was communicated to graduate faculty.
<b>Step 6</b>	<b>Strengthening Unit Services (Action Plan)</b>	Faculty should encourage their students to take initiative in the research process and possibly take the Scientific Communications course offered in the college

<b>SECTION III_ FAMOUS SIX STEPS</b>		
<b>EXPECTED EDUCATIONAL OUTCOME #5</b>		
<b>Step 1</b>	<b>Formulate Objective</b>	Graduate students will progress in a timely manner.
<b>Step 2</b>	<b>Ascertain Criteria for Success</b>	<p><b>Direct Criteria for Success:</b> 80% of MS graduate students will have satisfactory progression as rated by their major advisor</p> <p><b>Indirect Criteria for Success:</b> 80% of MS students will rate themselves as progressing in a timely manner</p>
<b>Step 3</b>	<b>Measure Performance Using Direct and Indirect Methods of Assessment</b>	<p><b>Direct Assessment Method(s):</b> Academic progress as reported by major advisor to the Graduate Programs coordinator at the Office of Student Services</p> <p><b>Indirect Assessment Method(s):</b> MS Students will rate themselves as progressing in a timely manner through annual graduate student (self-evaluation) survey</p>
<b>Step 4</b>	<b>Observe and Summarize Results</b>	<p><b>Results of Direct Criteria for Success:</b> This item was not collected this year.</p> <p><b>Results of Indirect Criteria for Success:</b> 25% of MS students rated themselves as progressing in a timely manner</p>
<b>Step 5</b>	<b>Use of Results for Improvement (Implemented)</b>	Communicate this information to all graduate faculty.
<b>Step 6</b>	<b>Strengthening Unit Services (Action Plan)</b>	Faculty advisors are encouraged to communicate their expectations to their advisees on a regular basis.