

University of Texas Medical Branch

School/Department: Graduate School of Biomedical Sciences

Contact: _____ **Ext:** _____

Check one area: **Academic** **synergy Project**

Program Title: Pharmacology and Toxicology

Complete the first three columns in Summer of 2008. Complete the Last two columns in Spring 2009.

Program Level Mission	Educational Outcomes/Objectives	Means of Program Assessment and Criteria for Success	Findings/Summary and Analysis of Data	Use of Results and Actions
<p>→</p> <p>The primary mission is provide trainees with: (1) a better understanding of the mechanisms of action of drugs and toxicants, (2) the ability to identify and design safer and more efficacious compounds, (3) the ability to understand genetic and environmental determinants of individual responsiveness to chemicals, (4) the ability to develop new tools and methods for future research, and (5) the ability to improve drug therapy.</p>	<p>→</p> <p>1. Students will obtain a solid foundation in the Basic Biomedical Sciences core curriculum and electives as well as in research techniques.</p>	<p>→</p> <p>Qualifying Exam Written</p> <p>1a. 90 percent of students will receive a rating of Entirely Satisfactory/Satisfactory on first attempt (Evaluation of Qualifying Exam Written Rubric).</p> <p>Qualifying Exam Oral</p> <p>1b. 90 percent of students will receive a rating of Entirely Satisfactory/Satisfactory on first attempt (Evaluation of Qualifying Examination Oral Rubric).</p>	<p>→</p> <p>Qualifying Exam Written</p> <p>1a. 90.7 percent of students met the standard.</p> <p>Qualifying Exam Oral</p> <p>1b. 90.6 percent of students met the standard.</p>	<p>→</p> <p>Qualifying Exam Written</p> <p>1a. Overall criteria met - Faculty noted Breadth of Knowledge and Ability to Respond to Critiques fell below standard . Added additional sessions.</p> <p>Qualifying Exam Oral</p> <p>1b. No action needed. No students received an unsatisfactory rating.</p>
<p>→</p> <p>To provide an internationally competitive multidisciplinary education program leading to the PhD program.</p>	<p>→</p> <p>2. Students will contribute to the body of knowledge in Pharmacology and Toxicology by advancing to Ph.D. candidacy no later than the beginning of Term III.</p> <p>→</p> <p>3. Students will demonstrate independent research performance.</p>	<p>→</p> <p>Written Proposal</p> <p>2. 90 percent of written proposals will receive a rating of Good/Good to Average on first attempt (Eval of Proposal Review Assessment Rubric).</p> <p>Research</p> <p>3. 90 percent of students will receive a rating of Satisfactory /Very Satisfactory at the end of each term (Evaluation of Ongoing Research Rubric).</p>	<p>→</p> <p>Written Proposal</p> <p>2. 6.8 percent met standard and 88.4 percent were rewrites.</p> <p>Research</p> <p>3. 80 percent of students met standard.</p>	<p>→</p> <p>Written Proposal</p> <p>2. Learning outcome revised to reflect more common norm 80 percent will have proposal approved after one rewrite.</p> <p>Research</p> <p>3. Faculty have added one additional weekly review sessions with students they are mentoring.</p>

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<p>Graduates will become teachers and or researchers in academic institutions, industry, biotechnology, or government.</p>	<p>4. Prepare, submit, and defend a research dissertation and/or publication in a peer review by the end of years 4-5.</p> <p>5. Graduates become employed in related fields.</p>	<p>Dissertation Written</p> <p>4a. 90 percent of students will receive a rating of Excellent/Good (Written Dissertation Rubric).</p> <p>Oral Defense</p> <p>4b. 90 percent of students will receive a rating of Excellent/Good (Dissertation Defense Oral Rubric).</p> <p>Employment</p> <p>5. 90 percent of students have job offers upon graduation (Graduate Survey).</p>	<p>Dissertation</p> <p>4. 5 of 5 students successfully completed their written and oral Dissertation requirements.</p> <p>Employment</p> <p>5. Results of a phone survey - 100 percent of graduates were working in related fields.</p>	<p>Dissertation</p> <p>4. No action needed. Continue to monitor.</p> <p>Employment</p> <p>5. No action needed. Continue to monitor.</p>