# Pharmacology

## Learning Assessment Worksheet

| 1. Please describe your program's specific learning goals (list as many as appropriate; use 1-2 sentences to describe each): |
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| The goal of the Pharmacology Program is to produce scientists who possess knowledge of pharmacology, as well as a foundation of understanding of biochemistry, molecular biology, chemical biology, and cell and organ physiology. We want our students and fellows to be prepared for productive research careers in academia, government or industry. |

| 2. Does your program have a process in place to assess whether the students meet the defined learning goals? If so, please describe this learning assessment process, including who is involved, frequency of the assessment, and how the information is used: |
|---|
| 1) Annual Committee meeting (special committee members)<br>2) Annual Retreat (All faculty members in Pharmacology)<br>3) Annual Review meeting (Department Chairs and Director) |

3. Does your program currently systematically collect, store, and/or use for learning assessment at the program level any of the following outcome measures:

| | Collect systematically (Y/N) | Electronically or paper stored (E/P) | Use for learning assessment (Y/N) |
|---|---|---|---|
| **Direct measures:** | | | |
| • Results of exams/tests for individual courses | Y | P | Y |
| • Results of Admission to Candidacy Exam | Y | P | Y |
| • Quality of dissertations (eg, by sampling identify trends) | Y | P | Y |
| • Number of student publications and abstracts | Y | E | Y |
| • Quality of students' presentation skills | Y | P | Y |
| • Program metrics (eg, time to degree, completion rates) | Y | E/P | Y |
| • Other (please describe): | | | |
| **Indirect measures:** | | | |
| • Student feedback | | | |
| ○ Student surveys | Y | P | Y |
| ○ Focus groups | | | |
| ○ Exit interviews | Y | P | Y |
| • Alumni survey | | | |
| • Career tracking | Y | P | Y |
| • Other (please describe): | | | |

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|---|---|---|---|
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4. Does your program regularly review and adjust (1) the program's specific learning goals, and/or (2) the manner in which outcomes are measured and how the information is used?  If so, please describe how this is done:

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Course directors

Annual Review meeting          →    Faculty              Curriculum Committee
                                    meeting              •  Implementation
Student Feedback/Suggestion         (twice every         •  Data collection and analysis
                                    year)                •  Assessment
Faculty feedback/Suggestion
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