Clinical and Translational Investigation Program Learning Assessment Response Form

Name:  Date:  

<table>
<thead>
<tr>
<th>Learning goal</th>
<th>Outcome measure(s)</th>
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</table>
| 1. Proficient in current practical and theoretical aspects of the field | • Course assignments  
• Written exams  
• Bi-annual progress reports  
• Conducting research project  
• Research in Progress presentation  
• Scientific conference presentation  
• Thesis defense  
• Dissertation writing  
• Manuscript preparation  
• Grant proposal |
| 2. Adept at reading primary literature in a critical manner | • Written exams  
• Course assignments  
• Conducting research project  
• Discussion sections in Foundations of Clinical Research, Foundations of Epidemiology, and Principles of Clinical & Translational Pharmacology courses  
• Bi-annual progress reports  
• Dissertation writing  
• Manuscript preparation  
• Grant proposal  
• Thesis defense |
| 3. Design a well-designed research study in human or animal models | • Clinical Trials Design & Analysis course  
• Data Management in Clinical Research course  
• Elective courses on Qualitative Research Methods courseSurvey Research and Questionnaire Design  
• Written exams  
• Course assignments  
• Conducting research project  
• Bi-annual progress reports  
• Manuscript preparation  
• Grant proposal  
• Prepare an application to an IRB/IACUC  
• Thesis defense |
<p>| | |</p>
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<tbody>
<tr>
<td>4.</td>
<td>Able to distinguish cultural and population diversity in clinical research design</td>
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</table>
|   | • Clinical Trials Design & Analysis course  
|   | • Foundations of Epidemiology course  
|   | • Elective course on Multi-Cultural Approaches to Community Health and Disease Prevention course  
|   | • Conducting research project  
|   | • Course assignments  
|   | • Bi-annual progress reports  
|   | • Manuscript preparation  
|   | • Grant proposal  
|   | • Thesis defense  
| 5. | Able to conduct original and significant research |
|   | • Foundations of Clinical Research course  
|   | • Clinical Trials Design & Analysis course  
|   | • Course assignments  
|   | • Conducting research project  
|   | • Bi-annual progress reports  
|   | • Manuscript preparation  
|   | • Grant proposal writing  
|   | • Thesis defense  
| 6. | Able to build a multidisciplinary team that matches the objectives of the research problem |
|   | • Conducting research project  
|   | • Elective courses on Science of Team Science and Building High-Performing Teams  
|   | • Course assignments  
|   | • Bi-annual progress reports  
|   | • Manuscript preparation  
|   | • Grant proposal  
|   | • Thesis defense  
| 7. | Proficient in presenting scientific data in a public forum, orally and in writing |
|   | • Research in Progress presentation  
|   | • Presentation at scientific conferences  
|   | • Research Grant Writing I  
|   | • Course assignments  
|   | • Bi-annual progress reports  
|   | • Manuscript preparation  
|   | • Dissertation writing  
|   | • Grant proposal  
|   | • Thesis defense  
| 8. | Aware of issues and best practices in the responsible conduct of research |
|   | • Tri-Institutional Responsible Conduct of Research course  
|   | • Ethical, Social, Legal Issues in Responsible Conduct of Research course  
|   | • Written exams  
|   | • Course assignments  

6/26/2019 11:54 AM
- Conducting research project
- Bi-annual progress reports
- Manuscript preparation
- Grant proposal
- Thesis defense

| 9. Experience in writing and reviewing grant proposals | • Research Grant Writing I and II courses
• Optional skills acquisitions workshops: Planning & Writing Successful Grant Proposals; Planning and Writing Successful K Awards; Planning & Writing Competitive Renewal Grants
• Course assignments
• Grant proposal |

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<thead>
<tr>
<th>3: Learning assessment – List the names of the meeting(s) that will be used to conduct learning assessment, including key participants</th>
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</thead>
<tbody>
<tr>
<td><strong>Meeting title</strong></td>
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<tr>
<td>1. Bi-annual Program Advisor Meetings</td>
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<tr>
<td>2. Bi-annual Progress Report Meetings</td>
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<tr>
<td>3. Annual Curriculum Committee Meeting</td>
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<tr>
<th>4: Learning assessment process – Confirm that annually the program will (a) discuss the overall approach to learning assessment (ie, in terms of learning goals, outcome measures, and review process), and (b) submit a report to the Dean of the Graduate School, summarizing the findings of the annual assessment review.</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Annual discussion of approach to learning assessment: CONFIRMED</td>
</tr>
<tr>
<td>(b) Annual learning assessment report to Dean: We’ve never been asked to submit a report prior.</td>
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