



ACADEMIC CAREER COMPETENCIES FOR SPUUR SCHOLARS

We have identified the following academic career competencies required for any graduate student, regardless of discipline, to achieve to successfully advance in an academic career in biomedical or behavioral research. These began as an adaptation of a learner-based curriculum developed by Bakken and were modified in an iterative process with input from over 30 faculty in 10 academic disciplines. Details on the activities available to the scholars to meet these objectives and the criteria for successful completion are provided.

- 1) **Research excellence:** Acquire research expertise in a particular area;
- 2) **Study design, data collection, analytic techniques:** Investigate a cutting edge research problem employing discipline-specific techniques;
- 3) **Leadership/management:** Manage a research team and provide leadership in advancing a science discipline;
- 4) **Oral communication of research findings:** Communicate knowledge through verbal presentations in different types of venues to a variety of audiences;
- 5) **Scientific writing:** Write well-organized and logical abstracts, journal publications, research proposals and grant applications

Name _____ *Date* _____

| Research Goals/Objectives* | Educational Activities (courses, workshops, lectures, conferences) | Relate to Research Project | Benchmarks for Successful Completion | Targeted/Set Dates for Completion |
|--|---|-----------------------------------|---|--|
| <p><i>Goal 1: Research excellence</i> Specific Objectives: 1. 2.</p> | | | | |
| <p><i>Goal 2: Study design, data collection, analytic techniques</i> Specific Objectives: 1. 2.</p> | | | | |
| <p><i>Goal 3: Leadership/management</i> Specific Objectives: 1. 2.</p> | | | | |
| <p><i>Goal 4: Oral communication of research findings</i> Specific Objectives: 1. 2.</p> | | | | |
| <p><i>Goal 5: Scientific writing</i> Specific Objectives: 1. 2.</p> | | | | |

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| Personal Goals/Objectives* | Activities | Products or Endpoints | | Targeted/Set Dates for Completion |
| <i>Goal 1:</i> Specific Objectives: 1. 2. | | | | |
| <i>Goal 2:</i> Specific Objectives: 1. 2. | | | | |