Scientific Communication Skills II – PHAR 322B Calendar

Course Instructors: Sean Davies, Claus Schneider, & Gregg Stanwood

**Goal:** Prepare a draft NRSA fellowship (or equivalent such as AHA) application. A draft Specific Aims page was already written and critiqued in Scientific Communications I. In this course, students will write draft Significance and Research Plan sections of their application. A lecture on effective grant writing and two writing workshops will be provided, but the writing assignments are intended to be self-guided with significant support by the mentor. Each written section will be reviewed by two faculty reviewers with relevant experience that are chosen by the student and their mentor. These faculty reviewers will critique both the effectiveness of the writing and the proposed research plan and award a grade of Outstanding, Acceptable, or Unacceptable.

**Step 1:** Student and their advisor choose 3 potential reviewers from among Pharmacology faculty and submit their names, along with title of application, current Specific Aims page, and full outline of the Significance and Research Plan sections, to Karen Gieg by **Thursday, January 31, 2013**.

Karen and Seva send out invitations to the 3 suggested reviewers to determine their willingness to participate. Each reviewer will only be responsible for one or two students maximum. Faculty need to respond if they are willing to participate by **Thursday, February 7, 2013**.

**Step 2:** Background and Significance section; written by student in collaboration with their advisor. Due to Karen Gieg by **Thursday, February 28, 2013**.

B&S critiqued by two of the suggested faculty reviewers. Reviewers will give a written critique by **Thursday, March 7, 2013** and then meet with student for approximately 1 hr to discuss (arranged by student and reviewers).
Step 3: Research Plan and revised Background & Significance sections; written by student in collaboration with their advisor. Due to Karen Gieg by Monday, April 15, 2013.

Research Plan critiqued by the same two faculty reviewers. Reviewers will give a written critique by Monday, April 22, 2013 and then meet with student for approximately 1 hr to discuss (arranged by student and reviewers).

Step 4: Final submission of Specific Aims, Background & Significance, and Research Plan. Due to Karen Gieg by Tuesday, May 7, 2013. Reviewers will submit a final course grade by Wednesday, May 15, 2013.

Step 5: The student and thesis advisor are responsible for finalizing and submission of the application. Submission deadlines for NRSA applications are: April 8th, August 8th, December 8th.