

GS03 1111 - Scientific Writing For Grant Proposals

Course is Monday and Thursday from 10-11:30 in the GSBS Small Classrooms BSRB S3.8367 AND BSRB S3.8355 (on Workshop days). Final class will be in the large classroom.

Course Instructors

Dr. Jeffrey Frost (Jeffrey.A.Frost@uth.tmc.edu)

Dr. Jake Chen (Zheng.Chen.1@uth.tmc.edu)

Course Objectives

- A) Learn the components and content of an NIH grant.
- B) Learn how to effectively write each of the sections of a grant.
- C) Develop critical thinking skills and how to effectively transmit ideas onto paper.
- D) Learn how to provide effective feedback on peer grants and participate in study section.

Course Description

"Scientific Writing For Grant Proposals" is a 1 credit mini-course offered every summer term which will fulfill the GSBS writing requirement. The class will be divided into 11 modules (twice per week) that will each be 90 minutes long. There will be three formal lectures on how to write each section of a NIH grant, followed by two writing workshops. The final class will be a mock study section with peer reviews. During the course students will also learn about the structure of grant review and administration at the NIH. This course may be most useful for second year students preparing for their qualifying examination.

Course Requirements

The course will be graded A-F. Grading is determined by attendance, timely submission of grant subsections, and active participation in class. If a student is not able to attend a class, Dr. Boehning *must* be notified ahead of time.

Grading Rubric:

40% Class attendance and active participation in workshops.

40% Submission of grant subsections. The subsections must be submitted on or before the due dates and must be a full draft in accordance to the instructions presented in class.

20% Written peer review critiques and study section presentation of grants

Class Schedule For 2019

May 20: Course Introduction and Expectations (Room: S3.8367)

May 23: Specific Aims and Peer Review (Room: S3.8367)

May 27: Memorial Day Holiday

May 30: SA Workshop #1 (Note: Two Classrooms: S3.8367 AND S3.8355)

June 3: SA Workshop #2 (Note: Two Classrooms: S3.8367 AND S3.8355)

June 6: Significance, Premise, and Innovation (Room: S3.8367)

June 10: SPI Workshop #1 (Note: Two Classrooms: S3.8367 AND S3.8355)

June 13: SPI Workshop #2 (Note: Two Classrooms: S3.8367 AND S3.8355)

June 17: Biosketch (Room: S3.8367)

June 20: Approach (Room: S3.8367)

June 24:

June 27: Approach Workshop #1 (Note: Two Classrooms: S3.8367 AND S3.8355);

July 1: Approach Workshop #2; Introduction To Study Section and Assignment of Reviewers (Room: S3.8367)

July 8: Mock Study Section (Note: Large Classroom S3.8371B)

July 11: (Overflow If Necessary)