G&E Scientific Writing Course – Fall 2017

Course Directors
Richard Behringer, Professor, MDACC
Rachel Miller, Assistant Professor, UT Health

Dates
September 11 – December 4

Time
4:00 – 5:00 PM
Room:
GSBS Small Classroom (BSRB S3.8367)

This course is designed for second year students who have already chosen the lab in which they will pursue their thesis research and have a thesis project. Students will be taught how to write scientific papers. One of the primary goals of graduate education is to teach students how to assess the primary literature and then synthesize that literature into understanding the field. It is from this understanding that new hypotheses are formulated and tested to move the research field forward.

The goal of this class will be for each student to write a review of the literature in their field of research for submission and publication. In addition to reviewing the literature, the students will synthesize the literature to formulate new hypotheses and discuss aims for these ideas. The course will be run as a workshop with input from the course directors, the students and their mentors, and other faculty members.

Prerequisite: Student must be at least in their second year to take this course.
G&E Scientific Writing Course
2017
Schedule

September 11  Introductions – elevator talks
September 18  Journals and review formats
September 25  Collection and presentation of primary literature
October 2   Review title, outline, references due and discussions
October 9   Figure presentations and figure legends
October 16  Abstracts due and discussions
October 23  Working drafts and discussions
October 30  Working drafts and discussions
October 30  First draft due
November 6  Discussion of internal critiques
November 13  Discussion of internal critiques
November 20  Final drafts due, synthesis/hypotheses
November 27  Writing the cover letter
December 4  Manuscript submission (presubmission inquiry letter/rebuttal letter discussion)
Web Resources

Duke Scientific Writing Resource
cgi.duke.edu/web/sciwriting

Bates College
http://abacus.bates.edu/~ganderso/biology/resources/writing/HTWgeneral.html

University of Arizona
http://cbc.arizona.edu/sites/default/files/marc/Sci-Writing.pdf

University of North Carolina
http://writingcenter.unc.edu/handouts/ SCIences/

Colorado State U
http://writing.colostate.edu/guides/guide.cfm?guideid=83