

# BIOC 0003 – Scientific Writing

Fall 2017

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As the class usually only involves a few student, the time for meeting will be organized to accommodate the students' schedule. Class will meet once a week in the conference area of 426B once per week for 1-2 hours. The objective of the course will be to write a paper based on data from the student, but enhanced with hypothetical results to complete the manuscript. The format of J. Biol. Chem., or the journal to which you are likely to submit the article, will be followed.

In addition, the students will attend F-Troop meetings where they will learn the basic components of grant writing. The schedule is available at [http://iims.uthscsa.edu/f\\_grants.html](http://iims.uthscsa.edu/f_grants.html).

*DESCRIPTION of F-TROOP: The IIMS offers F-Troop, a hands-on writing workshop targeted to pre- and postdoctoral trainees who are working to prepare an application for an individual NRSA Fellowship (F Awards, including F30, F31, or F32) for submission to the NIH. Equivalent fellowship applications to other funding agencies are also encompassed by this program.*

**Schedule:** Meetings are held weekly, on Wednesdays, at 5:00 pm in Room 331.5B in the Medical School (Department of Pathology Conference Room). Meetings are typically 1-2 hours. Light refreshments are provided by the GSBS Dean.

**Faculty:** Linda M. McManus, PhD, Distinguished Teaching Professor, Dept of Pathology

General Schedule of BIOB 0003 meetings:

Week 1	9/15	Discuss paper outline and content, and strategy of presentation
Week 2	9/22	First draft/discussion of MS OUTLINE
Week 3	9/29	Continued development of MS outline/figure construction
Week 4	10/6	Revision of Figures and draft of LEGENDS
Week 5	10/13	Final Legends; First draft of INTRODUCTION and REFERENCES
Week 6	10/20	First draft of RESULTS; final draft of Introduction
Week 7	10/27	Final version of Results
Week 8	11/3	First draft of MATERIALS and METHODS
Week 9	11/10	Final Materials and Methods
Week 10	11/17	First draft - DISCUSSION
Week 11	11/21 (Mon)	Final Discussion and references
Week 12	12/1	Assembled Draft with Figures
Week 13	12/8	Hand in outline of Topic choices for QE
Week 14	12/15	Presentation of Paper in Oral Format and Critique
Week 15	12/19 (Mon)	Discussion of QE choices; Repeat Oral Presentation of paper.

**GRADING:** Letter grades will be issued based on the quality of the final paper (40%), involvement of the student in design of figures and structure of the paper (30%), cohesiveness and quality of final oral presentation (20%) and originality of QE proposals (10%)