

SYLLABUS**PHA6936****Scientific Writing****1 Credit Hour****Fall 2022****OBJECTIVES**

This course provides a platform for second year doctoral students of the graduate program of the Department of Pharmacodynamics to work with his/her research mentor and the rest of the faculty of the department to write a literature review article on a topic relevant to the student's dissertation research.

Upon completion of the course, students will have learned the entire process of writing a literature review article ranging from topic selection, literature gathering, critical analysis of literature, summarization of current schools of thoughts on a topic, to effective scientific communication through written words.

FACULTY

Instructor	Office	Email
Dr. Thomas Burris	ICBR-GI	burris.thomas@ufl.edu
Dr. Jason Frazier	P2-29	frazier@cop.ufl.edu
Dr. Maureen Keller-Wood	HPNP-4332A	kellerwd@cop.ufl.edu
Dr. Eric Krause	MBI	ekrause@cop.ufl.edu
Dr. Bin Liu	P2-31	liu@cop.ufl.edu
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Dr. Jay McLaughlin	P1-33	jmclaughlin@cop.ufl.edu
Dr. Joanna Peris	P1-29	peris@cop.ufl.edu
Dr. Brandon Warren	P1-27	brandon.warren@cop.ufl.edu

Course Coordinator: Dr. Bin Liu

Students

Mentee	Mentor
Karly Caples	Dr. Malany
Nadine Shakhshir	Dr. Frazier

FORMAT AND REQUIREMENT

- The review should focus on a specific topic or field that is relevant to the research interest of the mentor and should be a scientific summary of original and peer-reviewed research literature.
- Mini reviews, commentaries and letters to the editors are not suitable for this assignment.
- For background and introduction, up to three (3) recent review articles could be referred to but extensive reiteration of the content of any of the published review articles is prohibited.
- The review article has a word limit of 10,000 excluding figures and tables. Up to three (3) each original summative figures/cartoons and/or tables are allowed.

- e. Where applicable, original research articles that span the entire timeline of the field should be referred to.
- f. A plagiarism analysis report on the final product needs to be submitted along with the review.

CRITICAL TIMELINE

- a. Students will meet with the course coordinator to discuss the scope, requirement and logistics of the writing process in the first week of the Fall semester (August 24-26, 2022).
- b. The student will then submit the following information, in writing, to the course coordinator by the end of the second week of the semester (September 2, 2022, 5 pm):
 - (a). Title of the article
 - (b). An abstract of less than 250 words.
- c. Based on the information provided by the student, the course coordinator will start recruiting faculty members in the department with relevant expertise to serve as potential reviewers of the final product.
- d. The student will continue to work with his/her mentor to continue the writing process.
- e. The student will provide the Course Coordinator with an update, in writing, on the progress of the writing process by October 15, 2022.
- f. The final version of the article needs to be analyzed by a plagiarism program and a complete report needs to be submitted to the course coordinator, along with the complete article by December 1, 2022.
- g. The course coordinator will send the review along with the report to the relevant faculty members for their comments/critiques.
- h. The reviewers will send the grades, along with their comments and critiques to the course coordinator.
- i. The course coordinator will share with each student the reviewer's comments/critiques.

EVALUATION OF PERFORMANCE

Grades will be based on timely submission of the outline and the final review article along with the report, the quality of the outline and the grades given by the course coordinator or faculty reviewers.

Activity	Percentage
Material submitted by 09/02/2022	5%
Update submitted by 10/15/2022	5%
Final product submitted by 12/01/2022	10%
Grades by faculty reviewers	80%
	100%

Grading Scale

Percent Grade	Letter Grade	GPA
≥ 93.0%	A	4.00
90.0% - 92.9%	A ⁻	3.67
87.0% - 89.9%	B ⁺	3.33
83.0% - 86.9%	B	3.00
80.0% - 82.9%	B ⁻	2.67
77.0% - 79.9%	C ⁺	2.33

73.0% - 76.9%	C	2.00
70.0% - 72.9%	C ⁻	1.67
67.0% - 69.9%	D ⁺	1.33
63.0% - 66.9%	D	1.00
60.0% - 62.9%	D ⁻	0.67
< 60.0%	E	0.00

PROFESSIONAL CONDUCT

Students are expected to adhere to the University of Florida Honor Code "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity". Academic dishonesty will result in a failing grade (i.e., E) for the entire course and additional consequences dictated by the University of Florida code of conduct.