PHRM 373 Readings in Pharmacology 2018

2 Credits

Instructor: Dr. Anthony Morielli (section A) or Dr. Karen Lounsbury (section B)

Course Overview:
This course is an intensive directed reading in one area of pharmacology. Pharmacology students must choose a topic outside thesis research area. Term paper and seminar on selected topic required. Prerequisite: Instructor Permission.

Students meet with the instructor to choose a topic and set up bi-weekly meetings to go over literature on the topic. The student prepares a term paper based on the following suggested timeline.

Due Dates:
Jan-March: Bi-weekly meetings with instructor to go over journal articles on the topic.
April 4: Outline and list of papers
April 11: First draft of paper

Mon April 16: Full draft of paper due

April 18: Discuss full draft of paper

Final paper due April 23

Format: 10-12 double spaced pages (not including figures if used, captions and bibliography)

Topic: Literature Review and Discussion of Pharmacology related to a specific disease

Content:
I. Introduction – disease definition, population affected, morbidity & mortality
II. Symptoms/Diagnosis
III. Underlying Physiology & Pathology – integrate knowledge regarding biochemistry, cell biology, and physiology of the physiological systems involved.
IV. Treatment Options – current Pharmacology & Therapeutics, including effectiveness and toxicities
V. Open Questions/Future Research – problems to address, proposals for new strategies/studies (clinical or preclinical)
VI. Bibliography – any format, but should include author, title, journal/book, vol, page, year

Tables and figures that clarify the content in sections III and IV are encouraged (be sure to cite any published figure sources in the caption).

Notice on Plagiarism: Do NOT cut and paste any written content from the work of others. We will be screening papers for plagiarism using quetext https://www.quetext.com/   Any papers that score above 15% will be investigated further. This tool is free, so testing sections yourself prior to submitting is recommended.

Grading: The papers are graded on

1. Content/Literature review   60%

2. Discussion/Integration   20%

3. Clarity/style   20%