Bio 349 Student Panel Presentations

The primary purpose of this series of exercises is twofold. First, students will enjoy working closely with their peers to solve problems and answer questions related to lecture material but with a greater emphasis on the clinical application of concepts (injury and disease). The expectation is that students will learn more than what either the textbook or the instructor has to say, and that by quarter’s end they will better appreciate the capacity in themselves and in their peers for understanding and applying complex concepts. Study groups will form early in the quarter, and will be more productive. Second, there is a greater potential to identify misconceptions and to answer important questions if all students are actively engaged in the course content, i.e. asking questions, challenging the answers to those questions, and recognizing the contributions of peers to their own understanding. The expectation is that the panel presentations will help create “habits of mind” as well as consistent classroom participation of the highest quality.

Students will be asked to form a panel of 4 students and work together in order to answer the weekly questions/problems to the best of their ability and as completely as possible. During class, questions may be asked in any order, and presenters must include all of the elements described in the instructions that accompany each set of panel questions. Approximately 10 minutes at the start of class will be used to present and discuss the panel question(s). Bonus points will be awarded based on the quality of the presentation. Throughout the quarter, each student will have an equal chance of being called upon to present their solution to a panel question, and thereby receive bonus points.

Presentation Guidelines:

1. (1 min.) Define the problem/question, and describe why it is important.

2. (2 min.) Relate the panel question to recent lecture topics, and describe any other sources of information used.

3. (5 min.) Use visual aids to present your solution(s) to the panel question; providing sufficient justification and using at least one analogy to support your answers.

4. Ask for and respond to questions from the audience.