

BY 460/ 560 - Advanced Invertebrate Zoology
Individual Presentation Assignments
Spring 2015

Overview: Students will individually develop and give a presentation based on a peer reviewed research paper they select that addresses an aspect of invertebrate functional morphology, physiology or ecology/evolution. The individual presentation represents 25% of your overall grade (250 pts total).

Presentation Requirements (150 pts):

- ✓ Each presentation will be 25 minutes (15 minutes oral presentation, 10 minute discussion)
- ✓ Presentation topic paper must be submitted to be approved by the instructor by Friday March 16, 2015
 - Email a copy of the research paper you will be presenting to jbschram@uab.edu
 - Presentations must be on research reported in peer reviewed, primary scientific literature
- ✓ You will need separate slides each addressing: Introduction, Objectives, Materials and Methods (as appropriate), Results and Discussion, Pros and Cons, Future work
 - These topics can be addressed on one or more slides as appropriate
- ✓ Develop two potential exam questions based on the research you present.
 - Include one short answer and one short essay type question – to be approved by instructor prior to final presentation
 - Questions will be turned in no less than two days (1 class period) prior to scheduled class presentation
 - Questions will be presented to the class at the end of the presentation and you will lead the class in a discussion of each question

Presentation Article Review (100 pts):

- ✓ Write a one-page article review for the instructor-approved article you have chosen to present for your individual presentation.
 - 12 pt font, single spaced
- ✓ Follow the format summarized by Swales and Feak (2012)* (supplemental material).
 - Include the following elements: Introduce the article, outline the article, highlight parts of the article, and provide finally commentary and recommendations
- ✓ Include an original title with your article review and appropriate citations of the reviewed article (APA style format)
- ✓ Article review is due **1 week** before your individual presentation.