

Poster Presentation

CLOs: After successfully completing this course students will be able to:

- Describe adaptations that mammals employ in particular environments or situations.
 - Conduct research to answer questions regarding mammalian adaptations using primary literature.
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Instead of a test, the final for this class will be a poster presentation. Students will be asked to research adaptations that allow a species of their choosing to survive in its habitat. The overall goal is to teach your classmates the interesting things you learned about the species you studied. Posters can be made using powerpoint or the graphic design software of your choice, but should be saved as a pdf and posted on Padlet (link in assignment page on Canvas). Posters are due the Sunday before finals week by 11:59pm, and each student will be asked to comment on at least 10 posters by Wednesday of finals week by 11:59pm.

Instructions:

- Any species of interest can be used as the study species.
- Find three primary literature articles addressing adaptations for that species. Together the three papers should address:
 - A physiological adaptation (including metabolic, thermoregulatory, osmoregulatory)
 - A morphological adaptation
 - Another adaptation of your choice, pretty much anything will work as long as you can define how the adaptation relates to the species survival.
- Make a poster summarizing the findings of all three papers.
 - Include an 'introduction' that describes the species, including characteristics key to its life history. This can be written in paragraph form or bullet points. Topics include:
 - What part of the world does it live in? What kind of habitat? Does it utilize any particular microhabitat (climbs trees, lives underground, etc)?
 - What does it eat? Is it more likely to be predator or prey?
 - What social system does it use? (Large herd, small pack, solitary, etc)
 - Mating system (monogamous, polygamous, etc)
 - Any interesting habits or facts?
 - In short paragraphs or images briefly summarize what you learned about the adaptations you studied.
 - Be sure to include at least one picture of the study species, and any other important figures or images that will help explain the study findings.
 - Include in-text and full citations for the three primary literature articles you read, and any others you cite in your poster using JWM format.
- Posters are due by 11:59 pm Sunday before finals week
- Students are expected to provide thoughtful commentary to at least 10 peer posters by Sunday at 11:59 pm on finals week. Check the rubric for areas to critically evaluate.

Tip:

Posters are largely visual. Any text included should be brief. You want your audience to be able to get the idea of your topic quickly without having to read large amounts of text.