ANT 4525c Human Osteology Poster Presentation

If you can't get rid of the skeleton in your closet, you'd best teach it to dance.
– George Bernard Shaw (1856-1950)

Due Date & Grade Value
Topic Proposal, **September 16** (5 points); Research Map, **October 14** (10 points); Poster Draft, **November 4** (10 points) Peer-review, **November 11** (10 points) Final Poster, **November 18** (40 points); Oral presentation, **November 18, 20, or 25** (10 points) for a total of 85 points possible!

Purpose
A poster presentation is an important format in bioarcheology and forensic anthropology. The purpose of this presentation is to learn how to construct and present an osteological topic in a discipline-specific manner for an audience of your peers. This project/presentation will involve library & internet research on an approved topic, which you will then present as a poster to the class. You will also peer-review poster drafts of your classmates.

Objectives
- Understand how to synthesize the appropriate literature and present an osteolotgical topic in a poster format.
- Appropriately apply osteological concepts using specific terminology & methodology, including a differential diagnosis based on skeletal pathology evidence using a case study
- Gain an understanding of the peer-review process by reviewing poster drafts of fellow classmates.
- Demonstrate competence in presenting a poster format akin to a professional meeting.

What you need to do:
Topic Proposal
- Develop an osteological-related topic for your project. Ideally you should start thinking about this pretty early in the semester so that you aren't scrambling at the last minute to come up with a topic. Use the Internet to search for topics! Go to the library! Look in your text! Ask me or your TA!
- *You must discuss poster topics with Dr. Schultz prior to the due date to receive approval.*
    - Submit your approved poster topic no later than **September 16**.
    - Provide a general overview of your topic.

Examples of possible research topics:
- Disease
    - A specific condition such as tuberculosis, leprosy, syphilis, multiple myeloma, etc.
- Diet
    - Stable isotope analyses, vitamin deficiencies, malnutrition, etc.
- Trauma
    - High-impact, blunt & sharp force trauma, workload, etc.
- Skeletal modification
    - Cranial modification, surgical modifications, binding modifications (corseting, foot binding), etc.
- Bone biology
    - Allen'rule, Bergman's rule, Wolf's Law, biomechanics, bone histology
- Mortuary treatments
    - Cremation, defleshing, scalping, mummification, secondary burial, etc.

Research Map
- Complete an outline of your topic.
    - Submit your outline no later than **October 14.**

Your outline should contain the following:
- A working title
- An abstract
- A general bulleted outline of the information you will cover in your poster & presentation
- The main idea of what you expect to present (a breakdown of the sections)
    - Example of possible headings for your poster:

        - Introduction and Purpose, Pathology Literature Review, Etiology, Bony Changes, Differential Diagnosis, Literature Cited
    - **You must have of a minimum of 5 references at this point and they cannot be internet references. You are required to have *at least* 10 for the final product and the first 10 cannot be internet references!!**
        - Use AJPA Style for referencing
        - http://www3.interscience.wiley.com/journal/28130/home/ForAuthors.html

Peer-review

- Submit your poster draft to CANVAS no later than **November 4.**
- Complete peer-review of two assigned posters in CANVAS no later than November 11.
    - You will evaluate the following: content, organization, use of images and tables, appropriate graphics, and appropriate references and citing

Poster

- Complete a poster in PowerPoint!
    - Submit your final poster to CANVAS no later than **November 18.**

- The poster is similar to a research paper (you will have to do the same amount of research) but you have to be very succinct in what you write. This assignment is just another way to present your research & poster presentations are very common at professional meetings.
- You will use PowerPoint to create your poster and treat it like one giant slide. Create text boxes for your title & content & add images! Expect to have several pages of single-spaced text to fill your text boxes!
- Your poster/presentation *must* include:
    - Introduction and Purpose
    - The body of the text with headings/subheadings
        1. Pathology Literature Review
        2. Etiology
        3. Bony Changes
        4. Differential Diagnosis
    - A conclusion
    - Literature Cited
    - Tables and Figures with captions that must be cited
- You must have a **minimum** of 10 peer-reviewed or academic references. For this project you may use the Internet as a source for images, but you *may not* use the Internet as a reference for your information (most websites are not valid academic sources). You must use academic journals & books as your sources. If you are unsure of a source, ask! **Remember: you must cite in your text as well as provide the full citation at the end in your reference section.**
    - Ex: The presence of crabs is diagnostic of differential sleeping patterns (Warren et al. 2003). This full citation for this should also be in your Literature Cited.
    - Figures! All images should have proper citations below them as well as being cited in your References. If you use images from online sources you do not have to include the citation in the literature cited section.

Oral Presentation

- Present your findings to the class on assigned day and time (**November 18, 20, or 25**).
- You will give a 10-minute presentation of your research to the class on your assigned day. **Do not go over 10 minutes.** You will present the major things you found (you do not have to do everything that is on your poster). Do not read off your poster. Also, be prepared for questions and everybody will be required to ask two questions.

Grade assessment

- You will be graded on the quality & content of your topic, outline, poster & oral presentation.
    - See rubric for how points are assigned
- Late work **will not** be accepted!