Anth 458: Forensic Anthropology

Lab #7 Trauma

Reading: Review and consult the assigned readings for the topics on trauma (blunt force, gunshot wounds, sharp force trauma, etc.), manner or death and cause of death. Also, consult Chapters 11-13 in Byers (2011a) and Byers (2011b). Other good sources are Galloway (1999) and several paleopathology textbooks (e.g., Aufderheide and Rodriguez-Martin, 1998; Ortner, 2003).

Objectives: To be able to determine if injury is premortem (antemortem), perimortem, or postmortem and to be able to recognize different kinds of perimortem trauma in human skeletal remains.

1. Following the instructions in Exercises 11.1-11.4, complete (& attach) Worksheets 11.1-11.4 using the provided specimens (FM540) for this exercise. All bone (& bone fragments) are from the same individual. Also comment on the age and sex of this individual.

2. Following the instructions in Chapter 12 of your lab manual, complete Exercise 12.1 (& attach) for the two casts of skulls for this exercise (BC152 & CS014). Also provide age and sex assessments of the two skulls.

3. Following the instructions in Chapter 13 of your lab manual, complete Exercise 13.1 (& attach) for the cast of the skull provided (CS035). Comment on the age and sex of the skull.

4. The following cast of a cranium (PA021) represents a casualty of the Civil War.

   a. Describe the wound:

   b. What caused the wound?

   c. Comment on the probable cause/manner of death:

   d. Estimate the interval from injury to death (indicate on what basis this approximation was made):

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