

Interpreting Skeletal Trauma - ANG 6930 – 04DE

Instructor: Michael Warren

Time: Wednesday, 11:45am - 2:45pm

Classroom: CAPHIL Conference Room; Cancer & Genetics Research Complex, 2033 Mowry Road, Ground Floor.

This seminar is intended for graduate students interested in the interpretation of trauma from the human skeleton. The course will be informative for students within the areas of bioarchaeology, forensic trauma analysis, and paleopathology. Discovery of perimortem trauma is paramount in assisting the medical examiner in determining the cause and manner of death. Evidence of healed trauma also allows us to examine and interpret mechanisms related to interpersonal violence, lifeways, ritual warfare and other aspects of the decedent's life. The course will use a regional anatomical approach in which we will discuss blunt, sharp and gunshot wounds for each region. Discussions will revolve around the role of the anthropologist in trauma interpretation and reporting findings in the osteological report. We have two volumes in our library that will be very useful – Rockwood, Jr. and David Green's 2 volume reference titled "Fractures in Adults" and another volume titled "Fractures in Children". In addition, we have a 3 volume set titled "Skeletal Trauma" by Browner et al., and a second volume in this series titled "Skeletal Trauma in Children" by Green and Swiontkowski. These will nicely supplement the assigned journal articles.

The course will have a Sakai website where I will post copies and/or citations of the assigned readings. Students will add additional references and will build an annotated bibliography of research articles related to skeletal trauma.

Grading will be based on attendance, participation in classroom discussions and the student's contribution to a comprehensive annotated bibliography on the subject of skeletal trauma. Grading is as follows:

A	> 92.50%	C	72.50% - 76.49%
A-	89.50% – 92.49%	C-	69.50% - 72.49%
B+	86.50% – 89.49%	D+	66.50% - 69.49%
B	82.50% - 86.49	D	62.50% - 66.49%
B-	79.50% - 82.49%	D-	59.50% -62.49%
C+	76.50% - 79.49%	E	< 59.49%

Classroom policies:

Plagiarism and cheating in any form is subject to university policy as outlined by the Dean of Students (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) and will incur the severest allowable penalties.

Attendance Policy:

Attendance is expected at all scheduled seminar times; attendance will be taken. Please have the assigned readings completed before each lecture. If a handout applies to a class period, it will be in your best interest to bring a copy with you to class. If you are unable to attend class, you must notify the instructor ahead of time. Students are responsible for getting the information covered that day from another student.

Students with disabilities requiring accommodations:

Students requesting classroom accommodation must first register with the Dean of Students Office (<http://www.dso.ufl.edu/drc>). The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. This documentation must be presented to the instructor by the end of the second week of classes, in order for accommodations to be made within a timely manner. Students experiencing personal problems that are interfering with their academic performance are encouraged to contact the University Counseling Center (301 Peabody Hall, 392-1575), Student Mental Health (Student Health Care Center, 392-1171), or Sexual Assault Recovery Services (Student Health Care Center, 392-1161).

Other Policies: Cell phones, iPods, MP3 players, and any other mobile device must be turned OFF during class time. Computers may be used for note taking purposes only during lectures; a privilege that can be revoked if necessary. NO photography or video recording during lectures, inside the laboratory, or of skeletal remains.

Week 1, August 26:	Discussion of course content and learning objectives; trauma as a process; homeostasis and shock; antemortem, perimortem, postmortem intervals. Historical and current role of the Anthropologist.
Week 2, September 2:	Basic principles of fractures; classification systems; basic terminology and clinical approaches to treatment.
Week 3, September 9:	Axial trauma; alanto-occipital complex, vertebral column and ribs.
Week 4, September 16:	Pelvic and proximal femoral fractures.
Week 5, September 23:	Fractures and dislocations of the upper extremities, including scapula and clavicle.
Week 6, September 30:	Fractures and dislocations of the lower extremities.
Week 7, October 7:	Fractures of the hands and feet.
Week 8, October 14:	Gunshot wounds in bone; firearms, bullet type/caliber/velocity.
Week 9, October 21:	Sharpforce and patterned defects in bone; making sawmark exemplars.
Week 10, October 28:	Patterns of abuse in children and the elderly.
Week 11, November 4:	Skull fractures.
Week 12, November 11:	Veteran's Day
Week 13, November 18:	Keeping a clinical perspective; boundaries of expertise; testimony about traumatic injuries.
Week 14, November 25:	Thanksgiving Holiday
Week 15, December 3:	Overview; Annotated bibliographies due.