

Ant 180 - Zooarchaeology

Young 302 - Winter 2016

Lecture: TR 12:10-1:00 pm; Lab: TR 1:10-2:30 pm

Instructor

Dr. Teresa Steele

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Office: Young Hall 204

Office hrs: Mon 1:10-2; Wed 2:30-3:30

Teaching Assistant

Jason Miszaniec

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Office: Young Hall 320

Office hrs: Thurs & Fri 3-4 pm

Zooarchaeology lab (Young Hall 320) will also be open additional times for independent study:
Mondays 10 am -12 pm, 1-3 pm; Tuesdays 11 am -12 pm; Thursday & Fridays 3-4 pm
Young 204 open lab: Friday 9 am -12 pm

Course Description

Theories and methods for studying animal skeletal remains from archaeological sites. Particular attention will be paid to identification and quantification of zooarchaeological material, to various cultural and natural processes that affect animal bones pre- and post-burial, and to the use of faunal remains for determining past human diets and environments.

Course Materials

Required: O'Connor, T. 2000. *The Archaeology of Animal Bones*. College Station: Texas A&M University Press.

Recommended: Gilbert, B. M. 1990. *Mammalian Osteology*. Springfield: Missouri Archaeological Society, Inc.

Weekly handouts: will be posted as PDFs on SmartSite under "Resources".

Requirements

Identification and short answer quizzes x 5 (15 % each) 75 %

Tues 19 Jan; Thurs 28 Jan; Thurs 11 Feb; Tues 23 Feb; **Saturday 19 March 1:00 pm**

Final project due **Saturday 19 March 1:00 pm** 20 %

Class participation 5 %

Take advantage of office hours/open lab times; these are the only other times available to work with the skeletal material outside of regular class time. Make-up quizzes will be provided only in the most extreme situations; **note the final exam date before making your spring break plans.**

Additional notes

You are expected to abide by the Code of Academic Conduct. This set of policies forbids cheating, copying from another's exam or assignment, and other forms of academic dishonesty. Instances of academic dishonesty will be reported to the Office of Student Judicial Affairs: <http://sja.ucdavis.edu/cac.html>

E-mail etiquette. E-mail does not replace personal contact. Discussion of grades, personal matters, or sensitive issues should be done privately. Keep e-mails short. If you have several lengthy questions it is better to utilize office hours. Do e-mail if you have an emergency. Treat e-mails like a formal letter and use appropriate openings, closings, and grammar. Assume the messages you send and receive are permanent and public. We will respond to emails of general interest (e.g. questions about quizzes) to the entire class list.

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Students with documented disabilities may be entitled to in-class accommodations. It is the student's responsibility to see that the Student Disability Center (SDC) provides the instructor with a letter recommending academic accommodations. Students are responsible for contacting the instructor early in the quarter to ensure appropriate arrangements are made for requested accommodations. Exam accommodation logistics should be clearly agreed upon and confirmed by email between the student and instructor at least one week prior to the date of the test.

Week	Tuesday	Thursday
1 Jan 5 & 7	Lecture: Introduction Lab: Terminology Readings: • O'Connor: chapters 1, 2 & 5:36-42	Lecture: Bone Biology Lab: Canidae 1
2 Jan 12 & 14	Lecture: Taphonomy Lab: Canidae 2 Readings: • O'Connor: chapters 3, 4 & 5:42-53	Lecture: Making identifications (Quiz 1); Quantification (Quiz 2) Lab: Canidae review Readings: • O'Connor: chapter 6
3 Jan 19 & 21	Lecture: Quiz 1 Lab: Ungulates 1	Lecture: More Quantification Lab: Ungulates 2
4 Jan 26 & 28	Lecture: Skeletal Part Representation Lab: Ungulates review Readings: • O'Connor: chapter 7	Lecture: Quiz 2 Lab: Cranium and teeth
5 Feb 2 & 4	Lecture: Human Modifications Lab: More teeth	Lecture: Age determination Lab: Age determination Readings: • O'Connor: chapter 8
6 Feb 9 & 11	Lecture: Sex and Season Lab: Crania & teeth review Readings: • O'Connor: chapter 10	Lecture: Quiz 3 Lab: Pinnipeds 1
7 Feb 16 & 18	Lecture: Environments Lab: Introduction to Project; Pinnipeds review	Lecture: Applied Zooarchaeology Lab: Pinnipeds review Reading: • O'Connor: chapter 11

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Week	Tuesday	Thursday
8 Feb 23 & 25	Lecture: Quiz 4 Lab: Fish	Lecture: Humans as Predators Lab: Fish review Reading: •O'Connor: chapter 12
9 Mar 1 & 3	Lecture: Intensification Lab: Birds	Lecture: Domestication Lab: Hares Reading: •O'Connor: chapter 9, 13 & 14
10 Mar 8 & 10	Lecture: Extinction Lab: Reptiles, Mollusks	Lecture: Final words Lab: Review Reading: •O'Connor: chapter 15
11 Final Exam		Saturday, March 19, 1:00 pm Quiz 5 Final report due at the start of the quiz