

Bioarchaeology

(ANT 4930 / ANG 6930)

Fall 2018

Time: Tuesdays 9:35 -10:25 am (Period 3)
Thursdays 9:35-11:30 am (Periods 3+4)
Place: B304 Turlington Hall
Instructor: John Krigbaum, Ph.D.
office: 1350A Turlington Hall
hours: 1-3pm Wednesdays and Thursdays, + by appointment
e-mail: krigbaum@ufl.edu
tel: 352-294-7540

Course Websites: <http://elearning.ufl.edu/> (Canvas)

Course Overview

This seminar will review the subfield of bioarchaeology in considerable detail. Such a subject of study is indeed diverse, but concerns mainly the analysis of human remains in archaeological context. Basic biological anthropology principles should be already well established and each student should have a working knowledge of human osteology and/or archaeology. We will begin with the history of biological anthropology and frame the role of bioarchaeology within current lines of inquiry in anthropology, more generally. We will also explore the development of method and theory in bioarchaeology, using Larsen's revised text (2015) and the Martin *et al.* (2014) text to guide us, but tapping into the peer-reviewed literature each week as a supplement to flesh key topics and provide for a more rounded discussion. A large part of this class will hinge on student participation and team-based presentations of selected papers.

This is a seminar course, and all readings assigned should be read prior to the class that they are scheduled. There will be two In Class Exams (50 minutes each).

Grading

- In Class Exams 200 points
- Article briefs 100 points (2 per week, on average)
- Class participation 100 points
- Final paper 100 (50 points for draft, 50 points for final submission)

percentile breakdown: 93.50-100 = A; 90-93.49 = A-; 86.5-89.99 = B+; 83.5-86.49 = B; 80-83.49 = B-; 76.5-79.99 = C+; 73.5-76.49 = C; 70-73.49 = C-; 66.5-69.99 = D+; 63.5-66.49 = D; 60-63.49 = D-; <59.99 = E.

Policy on Makeup Exams and Late Work

There will be no makeup exams except in the case of incapacitating illness or other university-approved absence (please see the University's policy on absences). In such cases, you must provide documentation from an appropriate authority to the instructor as soon as possible.

Academic Honor Code

Unless it is specifically connected to assigned collaborative work, all work should be individual. Evidence of collusion (working with someone not connected to the class or assignment), plagiarism (use of someone else's published or unpublished words or design without acknowledgment) or multiple submissions (submitting the same paper in different courses) will lead to the Department's and the University's procedures for dealing with academic dishonesty. All students are expected to honor their commitment to the university's revised Honor Code (available online at <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>).

Accommodation for Students with Disabilities

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. Please make any requests by the second week of class.

UF Counseling Services

Resources are available on-campus for students having personal problems or lacking clear career and academic goals that interfere with their academic performance. These resources include:

- U Matter, We Care: <http://www.umatter.ufl.edu/>
- Counseling and Wellness Center, 3190 Radio Road, (352) 392-1575, M-F 8am-5pm.
- Medical Care, Student Health Care Center, (352) 392-1161, M-F 8am-5pm.
- Career Resource Center, Reitz Union, (352) 392-1601, M-F 8am-5pm.

Syllabus Policy

This syllabus is a guide for the course and is subject to change with advanced notice. It will be updated and additional information will be posted on Canvas.

Required Texts:

Martin, D.L., R.P. Harrod and V.R. Pérez (2013) *Bioarchaeology: An Integrated Approach to Working With Human Remains*. New York: Springer. [E-Book] [downloadable pdf](#)
Larsen, C.S. (2015) *Bioarchaeology: Interpreting Behavior from the Human Skeleton*, 2nd edition. Cambridge: Cambridge University Press. [E-Book]
+Listed as 'recommended' but really is 'required'

Recommended Text:

Brothwell, D.R. (1981) *Digging up Bones*, 3rd edition. Ithaca, NY: Cornell University Press.
Mays, S. (2002) *The Archaeology of Human Bones*. London: Routledge. [E-Book]

Course Reserve (Smathers Library West):

Miscellaneous books and edited volumes will be placed on course reserve ...

Course Outline:

- Week 1 (8/23) Introduction (Larsen, Ch. 1; Martin *et al.* Ch. 1)
- Week 2 (8/28, 30) Ethics and Bias in Bioarchaeology (Larsen, Ch. 11; Martin *et al.* Ch. 2)
- Week 3 (9/4, 6) The Skeleton (Larsen, Ch. 2; Martin *et al.* Ch. 3, 4)
- Week 4 (9/11, 13) Stress (Martin *et al.* Ch. 6, 7)
- Week 5 (9/18, 20) Infectious Disease (Larsen, Ch. 3)
- Week 6 (9/25, 27) Trauma (Larsen, Ch. 4; Martin *et al.* Ch. 5, 6)
- Week 7 (10/2, 4) Activity Patterns: 1. (Larsen Ch. 5)
- Week 8 (10/9, 11)
- Week 9 (10/16, 18) Activity Patterns II (Larsen, Ch. 6; Martin *et al.* Ch. 8)
- Week 10 (10/23, 25) Masticatory and Nonmasticatory Functions (Larsen, Ch. 7)
- Week 11 (10/30, 11/1) Bone Chemistry (Larsen, Ch. 8; Martin *et al.* Ch. 9)
- Week 12 (11/6, 8) Biodistance (Larsen, Ch. 9) Draft Paper Due In Class
- Week 13 (11/13, 15) Paleodemography (Larsen, Ch. 10)
- Week 14 (11/20) Osteological Paradox, Take 2 (Larsen, Ch. 11; Martin *et al.* Ch. 10)
- Week 15 (11/27, 29) Conclusions
- Week 16 (12/4) Final Paper Due in Anthropology Office (and on Canvas)

