

OXFORD COLLEGE
Fall Semester 2007

ANTHROPOLOGY 201

Concepts and Methods in Biological Anthropology

(Class # 4034 ANTH_OX 201 11J)

TuTh 11:30 am – 12:45 pm
Language Hall 204A

Professor: Dr. Aaron Stutz

Office: Language Hall 102 (Anthro Lab)

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phone: 770-784-8349

Office Hours: Mo-Fr 1:30 – 3:00 pm and by appointment

Textbook (REQUIRED): R. Jurmain, L. Kilgore, W. Trevathan, and R.L. Ciochon(2008) *Introduction to Physical Anthropology* (Eleventh Edition). Belmont, CA.: Wadsworth/Thomson Learning.

- [Available at the Oxford College Bookstore](#)

Additional REQUIRED Readings will be posted on [E-Reserves](#) and on Anthro 201's [Blackboard](#) page.

Requirements: Grades are based on a Midterm Exam, a Final Exam, short papers, group presentations, and additional activities (some of which will involve spending time outside of class in the Anthro Lab). The exams and other assignments will cover material introduced in lecture, in films, and in the readings. You will find details below about how the requirements will weigh in figuring your course grade.

Attendance: I do not keep formal attendance, but I pay attention to who's in class and who's not. No pressure, but it's a practical fact that the class is easier when you show up. Please let me help you come along for the ride.

Class Etiquette: In class, I truly appreciate your arriving on time and participating. In return, I will do my best to keep you focused, interested and involved in the course lectures and other activities. That being said, please don't do anything that's impolite or distracting for your classmates. Just to remind y'all of the obvious: **TURN OFF YOUR CELL PHONE WHILE IN CLASS.**

Disabilities Services: Oxford College provides students with disabilities all reasonable accommodation for participating in educational programs, activities, or services. Students with disabilities requiring accommodation for any activities or requirements in Anthro 201 must register and consult with Emory University's Office of Disability Services. Please contact [Karen Martucci](#), Director of Academic Services at Oxford College, for further information and assistance. **REMINDER:** It is your responsibility to provide official documentation of your right to disabilities related accommodation for class participation. We will work out any accommodations that are specific to the course. But we must do so as early in the semester as possible.

Religious Holidays: Your rather agnostic professor has full respect for religious practice and the personal, family, and community obligations that go with it. Please be prepared to share with me if you are going to miss any scheduled class activity due to observance of a religious holiday. And please let me know as soon as possible in the semester if any scheduled exam or other due date conflicts with a religious holiday that you observe. This way, we can make alternative arrangements early!

COURSE GRADES

The professor reserves the right to assign grades according to a curve that reflects the overall performance of the class. However, if everyone in the course performs at an excellent level, then everyone will receive an A.

The exams and assignments will be weighted as follows:

Two Midterm Exams: 5-25% (sliding scale)

Final Exam: 20-40% (sliding scale)

Response Papers/Lab Assignment: 20%

Group presentation: 10%

In Class Participation: 10%

The sliding scale for the exam weights means that if you do better on the final, then it will weigh a more, and *vice versa* for the mid-term.

IMPORTANT: The exams are MANDATORY. A failure to complete any one of these will result in a failing grade for the course.

JUST AS IMPORTANT: Unless you have a valid excuse that you present to me beforehand, *all exam and due dates must be strictly adhered to*. RARE EXCEPTIONS are granted under the following clear conditions: you have a valid, documented medical or family *emergency*. If you require special arrangements through Disability Services, or if you otherwise know ahead of time that you have a major schedule conflict, contact the professor as soon as possible to schedule an alternative exam. Be prepared to provide documentation.

Response Papers: You will have 10 response paper assignments. You will be asked to define key terms and answer key questions. These are designed as study notes and guides for participation in discussion. For each assignment you should expect to fill about *about* 2 pages, single-spaced. To receive full credit, you must print out your assignment in hard copy. (Handwritten assignments will be accepted at a 1/2 point penalty.) I will keep track of participation by collecting your assignments at the end of class on the due date. One full participation point will be deducted from your grade if you are not present in class on the due date or if you e-mail your assignment to me. I will allow up to two exceptions to the participation requirement (to allow for slow printers, illness, or whatever – no excuses required).

Each writing assignment thus contributes 2 total points to your grade. Late assignments will not be accepted.

Further instructions on format and content will be given in class and in handouts on Blackboard.

KEY DATES TO REMEMBER:

Exam I - In class, Tue September 27

Exam II - In class, Wed October 25

Final Exam - 9-12 am, Tue December 18

ALL EXAMS TAKE PLACE IN LANG 204A

THIS SYLLABUS IS SUBJECT TO CHANGE AT THE PROFESSOR'S DISCRETION; ANY CHANGES WILL BE ANNOUNCED IN CLASS.

Anthropology 201 Syllabus

Week 1 Introduction

Thu August 30 - *INTRODUCTION*

Week 2 Darwin's Impact

Tue September 4 - *Biological Anthropology - The Holistic Science of Us*

Text: Jurmain et al. Chs. 1-2

Thu September 6 - *What's the big deal with Darwin?*

[E-Reserves](#): 1-Weiner - Beak of the Finch Ch. 1
2-Weiner - Beak of the Finch Ch. 2
FILM: The Origin of Species

Week 3 One With the Unity of Life

Tue September 11 - **Discussion:** *The Origin of Species and the Evolution/Creationism Debate*

[E-Reserves](#): 3-Talbot - Darwin in the Dock
4-Brumfiel - Intelligent Design

DUE: 1st Response paper

Thu September 13 - *DNA, Cells, and Sex*

Text: Jurmain et al. Ch. 3(all) & Ch. 4(pp.64-78)

Week 4 Evolutionary Theory

Tue September 18 - *The Forces of Evolution*

Text: Jurmain et al. Ch. 4 (pp. 78-90)

Thu September 20 - *Systematics and Species*

Text: Jurmain et al. Ch. 5

DUE: 2nd Response Paper

Week 5 EXAM I

Tue September 25 - **Group Presentation I - Speciation**

Thu September 27 - EXAM I - IN CLASS

Week 6 Primatology - Understanding Our Evolutionary Relatives

Tue October 2 - *Meet the Primates*

Text: Jurmain et al. Chs. 6 & 7

[E-Reserves](#): 5-Milton - Primate Diets

Thu October 4 - *Primate Social Life*

[E-Reserves](#): 6-DeWaal et al - Overcrowding and Social Behavior

7-DeWaal - Bonobo Societies

8-Whiten & Boesch - Chimpanzee Cultures

FILM: *The Demonic Ape*

DUE: 3rd Response Paper

Week 7 Paleoanthropology - Human Evolutionary Origins

Tue October 9 - NO CLASS - MID-SEMESTER BREAK

Thu October 11 - *Theory and Method in Paleoanthropology*

Text: Jurmain et al. Chs. 8 & 10

[E-Reserves](#): 9-Leonard - Food for Thought

DUE: 4th Response Paper

Week 8 The First Four Million Years

Tue October 16 - *Key Adaption # 1: Bipedalism*

Text: Jurmain et al. Ch 11(pp. 262-268)

[E-Reserves](#): 10-Lovejoy - Bipedalism
11-Rosenberg & Trevathan - Giving Birth

Thu October 18 - *Key Adaptation #2: Teeth*

Text: Jurmain et al. Ch 11(pp. 268-279)

[E-Reserves](#): 12-Coppens - East Side Story
13-Leakey & Walker - Australopiths

DUE: 5th Response Paper

Week 9 The Origins of the Genus *Homo*

Tue October 23 - *Key Adaptation #3: Tool Making*

Text: Jurmain et al. Ch 11 (pp. 279-295)

[E-Reserves](#): 14-Schick & Toth - Ch. 3
15-Schick & Toth - Ch. 4

Thu October 25 - *Out of Africa, Episode I*

Text: Jurmain et al. Ch. 12

[E-Reserves](#): 16-Wong - Stranger in a New Land

DUE: 6th Response Paper

DUE: Fossil Anatomy Exercise

Week 10 The Last One Million Years

Tue October 30 - *Neandertals and Other Regional Populations*

Text: Jurmain et al. Ch 13

[E-Reserves](#): 17-Wong - Who Were the Neandertals?

Thu November 1 - *The Emergence of Modern Human Anatomy and Behavior*

Text: Jurmain et al. Ch 14

[E-Reserves](#): 18-Bar-Yosef & Vandermeersch - Moderns and Neandertals in the Levant

19-Wong - The Modern Mind

DUE: 7th Response Paper

Week 11 The Great Debate - Who's Who in the Genus *Homo*?

Tue November 6 - *Recent African Origins or Multiregional Evolution?*

[E-Reserves](#): 20-Tattersall - We Were Not Alone
21-Thorne & Wolpoff - Multiregional Evolution

Thu November 8 - *DNA Analysis and Neandertals*

[E-Reserves](#): 22-Relethford - Neandertal Genes

DUE: 8th Response Paper

Week 12 EXAM II

Tue November 13 - *EXAM II - In Class*

Thu November 15 - DISCUSSION - *Key Adaptation #4:*
Language

E-Reserves: 23-Dunbar - Brains and Group Life
24-Tattersall - Evolution of Language
25-Manhart - Myths in the Brain

Week 13 History, Identity, and Genetics

Tue November 20 - Film: The Lost Tribes of Israel
E-Reserves: 26-Relethford - Admixture

NO CLASSES REST OF THE WEEK – THANKSGIVING HOLIDAY

Week 14

Tue November 27 - *The Scientific Myth of Race*
Text: Jurmain et al. Ch. 15

Thu November 29 - *Genetics and Genealogical Relatedness*
E-Reserves: 27-Relethford - Do you know where your
 ancestors are?

DUE: 9th Response Paper

Week 15 Natural Selection and Adaptation in Human Populations

Tue December 4 - *Clines!*
Text: Jurmain et al. Ch. 16

Thu December 6 - *Adaptation and Maladaptation*
Text: Jurmain et al. Chapter 17
DUE: 10th Response Paper

Week 16

Tue December 11 - *DISCUSSION AND EVALUATION*

Week 17

Tue December 18 - FINAL EXAM: 9 am - 12 pm