

Human Biology (HBIO) 200g The Human Animal**Session 051:** 6/29 – 8/9/2016**Lectures:** M, Tu, W, Th: 10:00 - 11:50am, AHF B10* Seminar room**Labs:** M and W: 1 - 2:50pm, AHF B10* Seminar room**Professor:** Dr. Stephanie Bogart

Office: AHF (Hancock), Jane Goodall Center, B10-B*

Email: sbogart@usc.edu

Office Hours: Tuesdays 12-2pm, or by appointment

*Enter Hancock, walk down the corridor to the right. Take the stairwell (second set of stairs just past the elevator) to the basement and turn left where you will see the Jane Goodall Center. My office is the first one on the right. The seminar room is further down the hall to the left. E-mail is always the best way to reach me for questions or an appointment.

Course Content: This is a course introducing the student to an evolutionary and biological view of the human species. We begin by surveying the history of evolutionary thought and examining the structure of evolutionary theory. We then survey the Primate order, followed by an examination of the fossil evidence for human evolution. We conclude with a consideration of how evolution may influence the modern human species. Theoretical questions confronting the field in the 21st century are discussed, to familiarize you with the major issues. We will give particular emphasis to evolutionary explanations for the origins of modern humans, to ecological influences on behavior, and to evolutionary implications for the origins of human behavior.

Required Textbooks:

- *Exploring Biological Anthropology*, by Stanford, Allen and Antón (Third Edition – do not buy the first or second edition).
 - This text should be used as your source of information to supplement the material presented in Lecture.
- *Annual Editions in Physical Anthropology*, 24th Edition (white cover, do not buy other editions)
 - To be read and discussed in lab sections.
- *Through a Window*, by Jane Goodall (1991), many used copies available online.
 - To be read and discussed in lab section.

Recommended:

- *Why Evolution is True*, by J. Coyne (2009)

Grading: Grading will be done on a total points accumulated basis as follows:

25% = Midterm 1

25% = Midterm 2

25% = Midterm 3

25% = Lab assignments, attendance, participation

*Attendance will be taken in lecture randomly. Progressive improvement on exams during the semester and your effort in labs will also be taken into account.

*Extra credit options will be available to you.

Course grades, syllabus, announcements and handouts will be posted on Blackboard.

Lectures: Lecture powerpoints are not posted on Blackboard. If you miss a class, please **do not** ask Dr. Bogart; you should seek a classmate to obtain notes.

Labs: Your regular attendance in labs is required, and will help to decide final grades. It is very difficult to get an "A" grade in this course without going to lab every week and participating. During lab sessions we will discuss the readings, review course material, do hands-on learning projects, hold exam reviews, and show videos to supplement the course material.

Academic Conduct (USC Statement)

Plagiarism – presenting someone else's ideas as your own, either verbatim or recast in your own words – is a serious academic offense with serious consequences. Please familiarize yourself with the discussion of plagiarism in *SCampus* in Section 11, *Behavior Violating University Standards* <https://scampus.usc.edu/1100-behavior-violating-university-standards-and-appropriate-sanctions/>. Other forms of academic dishonesty are equally unacceptable. See additional information in *SCampus* and university policies on scientific misconduct, <http://policy.usc.edu/scientific-misconduct/>.

Discrimination, sexual assault, and harassment are not tolerated by the university. You are encouraged to report any incidents to the *Office of Equity and Diversity* <http://equity.usc.edu/> or to the *Department of Public Safety* <http://capsnet.usc.edu/departments/departments-public-safety/online-forms/contact-us>. This is important for the safety whole USC community. Another member of the university community – such as a friend, classmate, advisor, or faculty member – can help initiate the report, or can initiate the report on behalf of another person. *The Center for Women and Men* <http://www.usc.edu/student-affairs/cwm/> provides 24/7 confidential support, and the sexual assault resource center webpage sarc@usc.edu describes reporting options and other resources.

Support Systems

A number of USC's schools provide support for students who need help with scholarly writing. Check with your advisor or program staff to find out more. Students whose primary language is not English should check with the *American Language Institute* <http://dornsife.usc.edu/ali>, which sponsors courses and workshops specifically for international graduate students. *The Office of Disability Services and Programs* http://sait.usc.edu/academicsupport/centerprograms/dsp/home_index.html provides certification for students with disabilities and helps arrange the relevant accommodations. If an officially declared emergency makes travel to campus infeasible, *USC Emergency Information* <http://emergency.usc.edu/> will provide safety and other updates, including ways in which instruction will be continued by means of blackboard, teleconferencing, and other technology.

Academic Accommodations: A letter of verification for approved accommodations can be obtained from DSP. Deliver this letter to Dr. Bogart as early in the semester as possible.

DSP: Student Union (STU) 301 - 8:30-5:00pm Monday – Friday, (213) 740-0776

Examinations: All regularly scheduled exams will be a combination of objective and essay questions. Make-up exams will be given only if you have a written, official university excuse, health or activity-related. Students who are officially excused from scheduled exams will take a make-up administered no more than one week after the class exam date. This makeup will cover the same material, but in a different format - usually long essay - than the in-class exam.

SCHEDULE: (*Subject to revision*)

NOTE - follow your lab syllabus for lab assignments and *Annual Edition* readings.

	Lecture Topic	EBA* text readings	Lab Component
Week 1: June 29-30	Intro, Bio Anth, Creation/Science, History, Genetics & Evolution	1-5	NO LABS
Week 2: July 4-7	Mon: No class (July 4 th) Evolution, speciation, species concepts, taxonomy & phylogeny	5	M: NO LAB W: The Evolution Debate & Evolution worksheet
Week 3: July 11-14	Primate traits Tue: MIDTERM 1 The Primates	7	M: Human skeleton & Review W: Primate tree, Primate Osteology
Week 4: July 18-21	The Primates, Primate ecology, Conservation	7, 8	M: Readings & Movie W: <i>Through a Window</i>
Week 5: July 25-28	Primate fossils, Locomotion Tue: MIDTERM 2 Forensics, Dating, Geology, & Possible Basal Hominins	9 & 10 Part of 15	M: Locomotion & Hominoid lab, Review W: Video
Week 6: Aug 1-4	Australopithecines, <i>Homo</i> Models of human origins, language and brain	10-14	M: Hominins I, Readings W: Hominins II, Readings
Week 7: Aug 8-9	Evolutionary Psychology, Darwinian Medicine Tue: MIDTERM 3	6, 14, 15	M: Readings and Review

*EBA: *Exploring Biological Anthropology* textbook