Human Biology (HBIO) 200g The Human Animal

Lectures: Tuesdays and Thursdays 2:00 - 3:20pm, SGM 123
Labs: Tuesday, Wednesday, Thursday, Friday – 8am, 10am, 12pm (two hour sections)

Instructor: Dr. Stephanie Bogart
Office: AHF (Hancock), Jane Goodall Center, B10-B*
Email: sbogart@usc.edu
Office Hours: Mondays 2-3pm, Tuesdays 11am-12:30pm, 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. 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:
  - This text should be used as your source of information to supplement the material presented in Lecture.
- *Annual Editions in Physical Anthropology*, 23rd Edition (white cover, do not buy other editions)
  - To be read and discussed with your TA’s in lab sections.
- *Through a Window*, by Jane Goodall (1991), many used copies available online.
  - To be read and discussed with your TA’s in lab sections.
- TOP HAT – Term subscription (Get code at bookstore or buy online https://tophat.com/)

Recommended:

Grading: Grading will be done on a total points accumulated basis as follows:
25% = Midterm 1 = 25%
25% = Midterm 2 = 25%
25% = Midterm 3 = 25%
20% = TA lab assignments and attendance = 20%
5% = Top Hat participation and questions in Lecture (and Lab)

*Attendance will be taken in lecture randomly using the Top Hat. Progressive improvement on exams during the semester and your effort in labs will also be taken into account. JEP and 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 or a TA; you should seek a classmate to obtain notes.

Top Hat: This interactive tool will be used randomly to test your understanding of lectures. Answers are graded and participation effort is scored for 5% of your total grade.

Get a code at the bookstore or buy online https://tophat.com/. You will receive an email notification to join this class “Lecture – The Human Animal (Spring 2015)”

Labs: Your regular attendance in TA-taught 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. The TA's will discuss the readings, review course material, do hands-on learning projects, hold exam reviews, and show videos to supplement the course material. Your lab grade will be assigned on a 20 point scale, 0-20.

JEP: I encourage you to participate in the Joint Education Program. JEP provides an opportunity for you to go into a public school in the community and teach about human evolution, primate behavior, and the creation-science debate while earning class credit. Your JEP grade (assigned by the JEP coordinator and classroom teacher) will be counted as a 4th midterm grade.

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/department/department-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:**

NOTE - follow your individual section syllabus provided by your TA for Lab schedule and Annual Edition readings. (Subject to revision)

<table>
<thead>
<tr>
<th>Week 1: Jan 13 &amp; 15</th>
<th>Lecture Topic</th>
<th>Stanford et al. text readings</th>
<th>Lab Component</th>
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</thead>
<tbody>
<tr>
<td>Intro, Bio Anth, Creation/Science, History</td>
<td>1, 2</td>
<td>NO LABS</td>
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<tr>
<td>Week 2: Jan 20 &amp; 22</td>
<td>Genetics &amp; Evolution</td>
<td>3, 4, 5</td>
<td>Creation &amp; Science: The Evolution Debate</td>
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<td>Week 3: Jan 27 &amp; 29</td>
<td>Evolution continued, Speciation, what is a species?</td>
<td>5</td>
<td>Evolution and Human Osteology</td>
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<td>Week 4: Feb 3 &amp; 5</td>
<td>Taxonomy, phylogeny, Primate traits</td>
<td>Part of 7</td>
<td>Primate tree, QUIZ Review</td>
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<td>Week 5: Feb 10 &amp; 12</td>
<td>MIDTREM 1 (Tue), Primate ecology</td>
<td>7</td>
<td>Primate Osteology</td>
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<td>Week 6: Feb 17 &amp; 19</td>
<td>The Primate Order: Prosimians, monkeys, apes</td>
<td>7, 8</td>
<td>Through a Window</td>
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<td>Week 7: Feb 24 &amp; 26</td>
<td>Sociality, Reproduction &amp; Culture, Conservation</td>
<td>8</td>
<td>Readings – Culture, sociality, reproduction</td>
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<td>Week 8: Mar 3 &amp; 5</td>
<td>Primate fossils Locomotion</td>
<td>Parts of 9 &amp; 10</td>
<td>Locomotion and Hominoid evolution lab, Review</td>
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<td>Week 9: Mar 10 &amp; 12</td>
<td>MIDTERM 2 (Tue), Forensics</td>
<td>Part of 15</td>
<td>Video</td>
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<td>Week 10: Mar 17 &amp; 19</td>
<td>SPRING BREAK</td>
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<td>NO LABS</td>
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<tr>
<td>Week 11: Mar 24 &amp; 26</td>
<td>Dating, Geology, &amp; First hominins</td>
<td>9, 10</td>
<td>Hominins I, Video</td>
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<td>Week 12: Mar 31, Apr 2</td>
<td>Australopithecines Homo</td>
<td>10, 11, 12</td>
<td>Hominins II, Reading</td>
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<td>Week 13: Apr 7 &amp; 9</td>
<td>Homo, Models of human origins, language and brain</td>
<td>13, 14</td>
<td>Readings: Later Homo and brain evolution</td>
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<td>Week 14: Apr 14 &amp; 16</td>
<td>Human variation, Evolutionary Psychology</td>
<td>6, 14</td>
<td>Race and Ethnicity</td>
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<td>Week 15: Apr 21 &amp; 23</td>
<td>Darwinian Medicine, Pseudoscience</td>
<td>15</td>
<td>Disease Readings, Review</td>
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<td>Week 16: Apr 28 &amp; 30</td>
<td>MIDTERM 3 (Thurs)</td>
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<td>NO LABS</td>
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