ANTH/ARCP202 Paleoanthropology (Fall 2016)
(MW, 1:20-2:40, Exley Science Center [SCIE] 109)

Douglas Charles
Office hours: Thursdays, 2:00-5:00 pm, or by appointment (via email)
Room 21, Anthropology Department, 281 High Street, x3266

Email: dcharles@wesleyan.edu (best way to get in touch with me)

Course Description
Paleoanthropology is the study of human origins, of how we evolved from our apelike ancestors into our modern form with our modern capabilities. Drawing on both biological anthropology (the study of fossils, living primates, and human variation) and archaeology (the study of material culture, such as tools, art, and food remains), the course will examine what we know about our own evolutionary past and how we know it.

Readings and PowerPoints
Required text: Larsen, Essentials of Physical Anthropology (3rd ed.)

Additional required readings will be available as .pdf files on Moodle. Assignments should be read before class on the day they are listed on the syllabus. PowerPoint presentations used in class will also be posted on Moodle after each class for your reference.

Examinations and Assignments
Three exams (60%), laboratory assignments (10%), and a final exam (30%).

Lab Sessions
On those days when lab sessions are held (note schedule), students will meet in Exley Science Center 351 at assigned times (to be determined). Lab attendance is required and labs are not graded per se, but points will be deducted if they are not completed and turned in. Information from the labs may appear on exams. PLEASE NOTE: there will be no make-up labs.

Students with Disabilities
Wesleyan University is committed to ensuring that all qualified students with disabilities are afforded an equal opportunity to participate in and benefit from its programs and services. To receive accommodations, a student must have a documented disability as defined by Section 504 of the Rehabilitation Act of 1973 and the ADA Amendments Act of 2008, and provide documentation of the disability. Since accommodations may require early planning and generally are not provided retroactively, please contact Disability Resources as soon as possible.

If you believe that you need accommodations for a disability, please contact Dean Patey in Disability Resources located in North College, room 021, or call 860-685-5581 for an appointment to discuss your needs and the process for requesting accommodations.
Course Outline

September

5  Introduction
   Readings:  Essentials of Physical Anthropology, Chapter 1

7  The Theory of Evolution
   Readings:  Essentials of Physical Anthropology, Chapter 2

12 Video: “Fit to Rule”

14 Comparative Anatomy
   Readings:  Essentials of Physical Anthropology, Appendix
              Conroy and Pontzer, “Humans as Primates”
              Held, “The Evolutionary Geometry of Human Anatomy”

19 LAB: Human and Comparative Anatomy (meet in SCIE351 at assigned time)

21 Genes and Evolution
   Readings:  Essentials of Physical Anthropology, Chapter 3, pp. 54-66;
              Chapter 4, pp. 71-84 and 90-96

26 EXAM

28 Primates (and Mammals)
   Readings:  Essentials of Physical Anthropology, Chapter 6 and Figure 9.21

October

3  Video: “Life in the Trees”

5  Models of Hominin Behavior
   Readings:  Essentials of Physical Anthropology, Chapter 7

10 LAB: Comparative Primate Anatomy (meet in SCIE351 at assigned time)

12 Fossils and Dating
   Readings:  Essentials of Physical Anthropology, Chapter 8

17 Video: “The New Chimpanzees”

19 EXAM

FALL BREAK

26 Video: “Discovering Ardi”
### November

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>Early Hominins</td>
</tr>
</tbody>
</table>
|      | Readings: *Essentials of Physical Anthropology*, Chapter 10  
|      | Tattersall, “Early Hominid Lifestyles and the Interior World” |

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Early Hominins (cont.)</td>
</tr>
<tr>
<td>7</td>
<td><strong>LAB</strong>: Australopithecines and Early Hominins (meet in SCIE351 at assigned time)</td>
</tr>
<tr>
<td>9</td>
<td>Origins of Early <em>Homo</em></td>
</tr>
</tbody>
</table>
|      | Readings: *Essentials of Physical Anthropology*, Chapter 11  
|      | Tattersall, “Life on the Savanna” |
| 14   | Origins of Early *Homo* (cont.) |
| 16   | Video: “The Mind’s Big Bang” |
| 21   | **EXAM** |

**THANKSGIVING BREAK**

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>Origins of Modern People</td>
</tr>
<tr>
<td></td>
<td>Readings: <em>Essentials of Physical Anthropology</em>, Chapter 12</td>
</tr>
<tr>
<td>30</td>
<td>Technology and Symbols</td>
</tr>
</tbody>
</table>
|      | Readings: Stringer “Behaving in a Modern Way: Mind-reading and Symbols”  
|      | Stringer “Behaving in a Modern Way: Technology and Lifeways” |

### December

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td><strong>LAB</strong>: Later <em>Homo</em> and Stone Tools (meet in SCIE351 at assigned time)</td>
</tr>
<tr>
<td>7</td>
<td>The Last 10,000 Years</td>
</tr>
<tr>
<td></td>
<td>Readings: <em>Essentials of Physical Anthropology</em>, Chapter 13</td>
</tr>
</tbody>
</table>

**Final exam Friday, Dec. 16th, 9:00 am-12:00 noon.**
Bibliography for readings:


