ANTHROPOLOGY 104
PHYSICAL ANTHROPOLOGY
WINTER 2008

Prof. Bruce J. Bourque
Office: 155 Pettengill, 786-6080
Office hours: T,Th 3-4:00 & by appointment

About the Course:

This course will introduce you to the study of human evolution. Class work will consist of lectures, discussion sessions, laboratories, and films. Your attendance and active participation in class work will be important to your success in the course. Plan to complete assigned readings before the next scheduled class, and be prepared to discuss them. Your grade will be based mainly upon two exams, and one computer simulation project.

Course materials:


Class and Reading Schedule:

8 Jan  Introduction. Course description, requirements, and procedures. Read Campbell et al., ch. 1.

10  The Search for Human Origins  Read Campbell et al., ch.2.

15  Evolutionary Mechanisms  Heredity and evolution. Read Campbell et al., ch.3.

17  Humans among the Primates  Read Campbell et al. ch.4:90-110.


24  Behavior of Living Primates. Film:Baboon Tales. Mammal dentition and skeleton.  Read Campbell et al., ch. 5.

The South African Hominins. Begin to learn the human skeleton by visiting these web sites:
http://www.eskeletons.org/
http://www.bio.psu.edu/faculty/strauss/anatomy/skel/skeletal.htm
Primate morphology and behavior. Read Campbell et al., ch. 7.
http://www.bbc.co.uk/science/cavemen/

5 Feb East Africa and the Sahel. Read Campbell et al., ch. 8.

7 Apes to hominids. Read Campbell et al., ch. 9.
To view primate skulls visit http://www.anth.ucsb.edu/projects/human/


Winter recess: 16-24 February

26 Discovering Homo erectus. Skull lab II. Read Campbell et al., ch. 11. For information on human origins go to:
http://www.mnh.si.edu/anthro/humanorigins/ and


6 Evolution of Language and the Brain. Film: Out of Asia. Read Campbell et al., ch. 14.

11 The Neanderthal Enigma. Skull lab III. To read about the Neanderthal “flute” go to http://www.greenwych.ca/fl-compl.htm. Read Campbell et al., ch. 15.

13 The Final Transformation. Film: Quest for the first language.
http://www.bbc.co.uk/science/cavemen/ Read Campbell et al., ch. 16.

18 The Advent of Modern Culture. Hominid identification. The advent of modern culture. Read Campbell et al., ch. 17.
20  The Human Condition.
Read Fagan: 71-96.


1  April  Genetic variation among modern humans.

3  Review for exam.