Introduction to Physical Anthropology  
(Anth 215)

• Dr. Michael Pietrusewsky
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• Office Hours: Wed 9-11, or by appt.

http://www.anthropology.hawaii.edu/People/Faculty/Pietrusewsky/anth215/

Teaching Assistants

• Zakea Boeger <zakea@hawaii.edu>
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Handouts

Web Pages for this Course:

http://www.anthropology.hawaii.edu/People/Faculty/Pietrusewsky/anth215/

• Course Description
• Course Outline
• Extra Credit
• Lab Course Description [1st day of lab]
• Lab Course Outline [1st day of lab]
Requirements

- Arts and Sciences Biological Science
  Diversification (D) Requirement
  Minimum Grade: D (not D-)
- Anthropology Major Required Course
  Minimum Grade: C (not C-)
- This course is one of the most challenging in the College of Social Sciences!

Last Day to Withdraw/Change Sections: Sept 2

Letter Grade

- A+ = 97-100
- A = 94-96
- A- = 90-93
- B+ = 87-89
- B = 84-86
- B- = 80-83
- C+ = 77-79
- C = 74-76*
- C- = 70-73
- D+ = 67-69
- D = 64-66
- D- = 60-63
- F = 0-59

*Anthropology Majors: Minimum Grade: C (not C-)

Textbooks

  ISBN: 978-1-111-82895-4
**Grading Scheme**

- 3 Lecture Exams - non-cumulative (75%)
  - Multiple Choice
  - Exam 1 (25%); Exam 2 (20%) and Exam 3 (30%) of final grade
- Quizzes – approx. 22 (20%)
  - Lowest 2 quiz grades will not be counted
  - 20% of total grade
  - Cover reading assigned for previous lecture
  - Given during first or last 5 minutes of, no make-up quizzes are given
- Attendance (5%)
- Weekly meeting with TA is Mandatory

**Extra Credit**

Maximum of 5 points added to final grade

See Handout:

- Anthropology Colloquium Series
- Honolulu Zoo Option
- Film Reviews
- Other

**215 Lab: Anth 215L**

If you have not already taken and received a passing grade for the lab course you should have signed up for one of the labs.

The lab course is mandatory

Labs are held on Wed, either 8:30-11:20, 12:30-3:20 & Friday 8:30-11:20.

Labs are held in Dean 208 starting next week.
Physical Anthropology Faculty

Dr. Pietrusewsky
Skeletal biology, forensic anthropology...

Dr. Christopher Bae
Paleoanthropology

Dr. Dan Brown (Hilo)
Human adaptability

Dr. Rebecca Cann
Cell & Molecular Biology

Liang Buca Cave, Flores Island

Other Courses in Physical Anthropology

- Skeletal Biology (Anth 384)
- Forensic Anthropology (Anth 458)
- Human Biology of the Pacific (Anth 455)
- Human Origins (Anth 310)
- Physical Anthropology (Anth 604)
- Race and Human Variation (Anth 375)
- Asian Paleoanthropology (Anth 460)
- Bioarchaeology (Anth 385G/750G)

My Research Interests

Human Skeletal Remains from the Pacific and Asia

Biological Distance

Bioarchaeology

Forensic Anthropology

http://www.anthropology.hawaii.edu/People/Faculty/Pietrusewsky/index.html
Learning Objectives

- Understand the role of culture in human evolution
- 4 subfields of anthropology
- Specializations within physical anthropology
- What is forensic anthropology?
- What is skeletal biology and bioarchaeology?

What is Anthropology?

The study of humankind (from the Greek *anthropos*, for 'human' and *logos* for 'study')

* Anthropology
  The field of inquiry that studies human culture and evolutionary aspects of human biology; includes cultural anthropology, archaeology, linguistics, and physical anthropology.
What is Physical Anthropology?

- Study of biological evolution and variation within the human species within the framework of evolution

Jane Goodall • chimpanzees
Mary and Louis Leakey
Diane Fossey • mountain gorillas
Margaret Mead • Samoan culture

What Makes Anthropology Different?

- Holistic
- Culture
- Biological adaptations
- Biology and culture
- Biocultural approach
Biology and Culture

Adaptation
Any aspect of our biology or culture that confers some advantage on its members
2 types of Adaptation
1. Cultural
2. Biological

Physical Anthropology
**Primatology**

Concerned with defining humans in the natural world

**Paleoanthropology**

Study of human evolution

**Human Variation**

Concerned with how and why humans differ from each other in their biological makeup

- Human biology
- Genetics
- Demography
- Growth & Development
- Biomedical anthropology
- Nutritional studies
Forensic Anthropology

- Assist law enforcement and legal institutions in identifying deceased individuals

Human Osteology / Skeletal Biology

Recommendations

- Read text thoroughly BEFORE AFTER each class
- Attend all the lectures
- Study the Study Guide
- Meet with the Tutor for this course
- Do the extra credit!!!!
Reading for Next Class

Evolution
Chapter 2:
Jurmain et al. *Introduction to Physical Anthropology.*