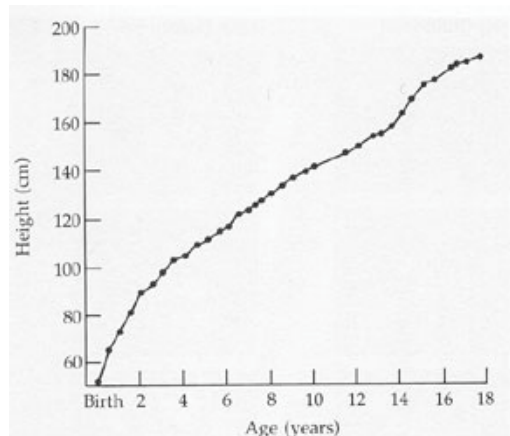


A Ant 319 Physical Growth and Development

Instructor: Dr. Dan White
Office Hours: Wednesday 4-5pm, or by appt.
Location: Li 36, ASC/US
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Textbooks: Patterns of Human Growth by Barry Bogin
Other Readings will be posted on EReserves
Website



Class Objective

In this course we will follow the physical development of a normal human organism from conception to birth, childhood, adolescence, and finally into adulthood. We will focus on the maturation process, hormonal controls, and growth tempo. In order to highlight normal development we will look at a variety of factors that may delay normal growth such as; disease, stress, malnutrition, environmental factors (high altitude), and heredity. We will discuss major inter-population differences in tempo of growth, fat distribution, trunk/limb proportions and adult stature. We will also look to the nonhuman primate and fossil evidence to examine the evolution of the modern human pattern of growth.

Evaluation:

You will receive grades for 3 Quizzes worth 15% each, a research paper worth 35%, an annotated bibliography 10%, research paper outline 5%, and class participation/attendance, 5%. The quizzes will be based on the textbook, readings and lectures. Each will cover approximately one third of the semester. All quizzes are "cumulative" in that you will be required to retain certain concepts throughout the semester but the majority of the questions will focus on new material. Quizzes may come in many different forms which will include short answer, multiple choice and essay questions. All grades will be posted on the class website. In addition you will need to complete the online library tutorials; Research 101 and Plagiarism 101 by November 1, 2005.

The research paper will be based on one of the topics covered by your readings or by lecture material. You will choose your research topic in consultation with me. The goal of the research paper is to deepen your knowledge of a particular area of anthropological research. It is the preliminary step toward building a research project, executing your project, and eventually publishing the results (although you will not be expected to do these things for this course). You will be asked to build an annotated bibliography of your subject, develop an outline for your paper, and eventually write the paper. I will monitor your progress throughout the semester by collecting these pieces and providing feedback. The schedule shows when everything is due. More will be said about the research paper as the semester progresses.

Class Schedule

Class #	Date	Subject	Reading
Class 1	August 30	Introduction	Bogin -Introduction pp. 1-17
Class 2	Sept. 1	Background and history	Bogin -Chapter 1 pp.18 -36
Class 3	Sept. 6		Bogin -Chapter 1 pp. 36-53
Class 4	Sept. 8	Basic principles of human growth	Bogin -Chapter 2 pp 55-74
Class 5	Sept. 13	Postnatal life	Bogin - Chapter 2 pp. 74-97
Class 6	Sept. 15	Paper writing workshop	
Class 7	Sept. 20	Evolution of human growth	Bogin - Chapter 3 pp. 98-114
Class 8	Sept. 22	Mammalian growth	Bogin - Chapter 3 pp. 114-131
Class 9	Sept. 27	Adolescent period	Bogin - Chapter 3 pp. 131-152
Class 10	Sept. 29	Quiz 1	
Class 11	Oct. 6	Research Topic Due Evolution of the human life cycle	Bogin - Chapter 4 pp. 153- 173
Class 12	Oct. 11	Weaning	Bogin - Chapter 4 pp. 173-201
Class 13	Oct. 18		
Class 14	Oct. 20	Growth Spurt	Bogin - Chapter 4 pp. 201-224
Class 15	Oct. 25		
Class 16	Oct. 27	Annotated Bibliography Due	Bogin - Chapter 5 pp. 225-241
Class 17	Nov. 1		Bogin - Chapter 5 pp. 241-267
Class 18	Nov. 3	Outline Due	Bogin - Chapter 6 pp. 268-296
Class 19	Nov. 8		Bogin - Chapter 6 pp. 297-328
Class 20	Nov. 10	Quiz 2	
Class 21	Nov. 15		Bogin - Chapter 7 pp. 329-351
Class 22	Nov. 17		Bogin - Chapter 7 pp. 351-366

Class 23	Nov. 22		Bogin - Chapter 7 pp. 366-386
Class 24	Nov. 29		
Class 25	Dec. 1	Research Paper Due	
Class 26	Dec. 6		Bogin - Chapter 8 pp. 387-398
Class 27	Dec. 8	Quiz 3	

Reasonable accommodations will be provided for students with documented physical, sensory, systemic, cognitive, learning, and psychiatric disabilities. If you believe you have a disability requiring accommodation in this class, please notify the Director of Disabled Student Services (Campus Center 137, 442-5490). That office will provide me with verification of your disability, and will recommend appropriate accommodations.