

Syllabus

Instructor: Benjamin Campbell
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Office Hours: 3:00-5:00 Weds.

Course Contents and Objectives:

Human disease is of broad interest within anthropology. This class uses evolutionary principles to consider causes, patterns, and consequences of disease across the human species. The role of genetic, physiological and ecological factors in disease will be discussed. Special attention will be placed on the role of human behavior in shaping social and biological environments that form the context of health and disease.

Required Reading:

Why We Get Sick: The New Science of Darwinian Medicine. RM Nesse & G.C. Williams Times Books.

Evolutionary Medicine W. Trevathan, E.O. Smith and J. J. McKenna (eds.) Oxford University Press

Course Format

This course will be run as a lecture with weekly discussion of assigned readings. Grades will be based on a midterm (30%) weekly writing assignments (30%), a term paper (30%) and a class presentation (10%).

Course Outline

<u>Date</u>	<u>Topic</u>	<u>Reading</u>
Sept 5	Overview of Course	
Sept. 10	Evolutionary Perspective	N&W 1, 2, 7
Sept. 12	Mortality and Fertility	N& W 9
Sept. 17	Infant Health	
Sept. 19	Child Growth	Trevethan
Sept. 24	Adult Nutrition	N & W 6
Sept 26	Nutritional Disease	Boyd Eaton et al.

Oct. 1	Parasites	N & W 11
Oct. 3	Infectious Disease	Hurtado et al.
Oct. 8	Infectious Disease	N&W 3
Oct. 10	Synergy of Nutrition and Disease	Barnes et al.
Oct. 15	Ecology and Disease	N&W 4
Oct 17	Cultural vectors: Kuru and other examples	Ewald I
Oct 22	Case Study:Inuit	
Oct 24	Exam	
Oct 29	Globalization of Disease	
Oct 31	Black Death/Syphilis	Ewald II
Nov 5	Epidemiological Transition	N&W 10, 12
Nov 7	Chronic Disease	Greber & Crews
Nov 12	Environment Disease/Pollutants	N&W 8
Nov 14	Aging	Leidy
Nov 19	Mental Health	N&W 14
Nov 21	Mental Health	Nesse
Nov 26	Re-Imergence of Infectious Disease	
Nov 28	EthnomedicineMedicinal Plants	
Dec 3	Medicinal Plants/Stimulants	N&W 15
Dec 5	Shamanism	Smith
Dec 10	Student Presentations	
Dec 12	Student Presentations	
Dec 17	Student Presentations	