

## **RACE, SCIENCE & DISEASE**

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**Office Hours:**

### **Course Description**

This course introduces students to contemporary issues of race, ethnicity and the science of disease. "Race" as a biological, social, legal and cultural construct will be examined from three interlinked axes. 1) Genetic Ideologies; 2) Disease Explanations; and 3) Social Inequalities. Historical and current analyses of health and inequality will be explored. Descriptive and explanatory analyses will be examined along with critical analyses of science and health research.

### **Schedule of Readings**

**Class 1: Introduction and Course Overview**

**What is Race?**

**Class 2:**

VIDEO The Difference Between Us: Power of an Illusion Part I

**Class 3:**

AAA Statement on Race

AAA OMB Response on Race

Duster, Troy

2003 Buried Alive: The Concept of Race in Science In Genetic Nature/Culture: Anthropology and Science Beyond the Two-Culture Divide Goodman, Health and Lindee (Eds) UC Press: Berkeley

### **Science of Race: Past and Present**

**Class 4:**

VIDEO The Story We Tell: Power of an Illusion Part II

**Class 5:**

Nancy Leys-Stepan, "Race and Gender: The Role of Analogy in Science" in Harding Reader

SJ Gould, American Polygeny and Craniometry before Darwin: Blacks and Indians as Separate, Inferior Species In Harding Reader

**Class 6:**

Dennis Raphael, A Society in Decline: The Political, Economic, and Social Determinants of Health Inequalities in the United States In Health and Social Justice Reader Hofrichter (ed) 2003.

Lee, Mountain and Koenig, "The Meaning of "Race" in the New Genomics: Implications for Health Disparities Research," In Yale Journal of Health Policy Law and Ethics (1) 2001.

**Class 7:**

Goodman, Alan

Six wrongs of racial science, In Race in 21<sup>st</sup> Century America

Genetic Research and Health Disparities

Pamela Sankar, PhD; Mildred K. Cho, PhD; Celeste M. Condit, PhD; Linda M. Hunt, PhD; Barbara Koenig, PhD; Patricia Marshall, PhD; Sandra Soo-Jin Lee, PhD; Paul Spicer, PhD  
JAMA. 2004;291:2985-2989. <http://jama.ama-assn.org/cgi/content/full/291/24/2985>

Burchard EG, et al. The importance of race and ethnic background in biomedical research and clinical practice. N Engl J Med, 2003. 348(12): p. 1170-1175.

<http://content.nejm.org/cgi/content/full/348/12/1170>

**Class 8:**

Jonathan Kahn

Getting the Numbers Right: Statistical Mischief and Racial Profiling in Heart Failure Research, In Perspectives in Biology and Medicine, 46(4) Autumn 2003: 473-83

<http://scbe.stanford.edu/events/pdfs/kahnnumbers.pdf>

Michael Montoya, "Purity and Danger: Race and Diabetes on the US/Mexico Border."

Leo Chavez, A Glass Half Empty: Latina Reproduction and Public Discourse, In Human Organization 63(2)2004.

**Contemporary Issues Part 1.**

**Ethnic Inequality and Disease**

**Class 9:**

VIDEO The House We Live In: Power of an Illusion Part III

**Class 10:**

David R. Williams and Chiquita Collins, "Racial Residential Segregation: A Fundamental Cause of Racial Disparities in Health," In LaVeist (ed) Reader

Cecilio Ortiz-Garcia, "Air of Injustice: How Air Pollution Affects the Health of Hispanics and Latinos," LULAC Technical Report 2004

Toxics Exposure and Residential Patterns – TBA

**Class 11:**  
**Midterm**

**The Public and Health**

**Class 12:**  
IOM report

Healthy People 2010

Leo Chavez et al (1992) Undocumented Latin American Immigrants and the US Health Services, MAQ 6(1):6-26.

**Class 13:**

Kreiger and Bassett

The health of Black-Folk: Disease, Class, and Ideology in Science

Camara Phyllis Jones, "Levels of Racism: A Theoretical Framework and A Gardner's Tale" In La Viest (ed) Public Health Reader

Rodney Clark et al, "Racism as a Stressor for African Americans: A biopsychosocial Model, In La Veist (ed) Reader.

**Class 14:**

Chavez et al, Structure and Meaning in models of breast and cervical cancer risk factors: A comparison of perceptions among Latinas, Anglo Women, and physicians MAQ 9(1)40-74

William Vega and Hortensia Amaro

Latino Outlook: Good Health, Uncertain Prognosis, In LaVeist (ed) Public Health Reader

Andrew John Karter, "Race and Ethnicity: Vital constructs for diabetes research"

Diabetes Care 26:2189-2193, 2003

<http://care.diabetesjournals.org/cgi/content/full/26/7/2189>

Luisa Franzini et al, "Understanding the Hispanic Paradox," In LaVeist (ed) Reader

**Contemporary Issues Part 2.**

**Class 15:**

**Genetics**

Lewontin, Biology as Ideology pp 19-83

Cooper, R.S., J.S. Kaufman, and R. Ward, Race and genomics. N Engl J Med, 2003. 348(12): p. 1166-70. <http://content.nejm.org/cgi/content/full/348/12/1166>

Jay Kaufman and Susan Hall, "The Slavery Hypertension Hypothesis: Dissemination and Appeal of a Modern Race Theory," Epidemiology 14:1, Jan. 2003

### **Contemporary Issues Part 3**

#### **Borders, Threats, and Racializations**

##### **Class 16**

Leo Chavez, "Immigration and Medical Anthropology," In Anthropology and Contemporary Immigration

Alan Kraut, "Viruses and Bacteria Don't Ask for a Green Card": New Immigrants and Old Fears, In Silent Travelers: Germs, Genes and the "Immigrant Menace."

Howard Markel and AM Stern, "Which face? Whose Nation? Immigration, Public Health, and the Construction of Disease at America's Ports and Borders, 1891-1928 In Immigration Research for a New Century, Foner, Rumbaut and Gould (eds)

##### **Class 17:**

Mei Zhan on SARS

Nayan Shah, (2001) Contagious Divides: Epidemics and Race in SF Chinatown, Sections XXX

##### **Class 18:**

Sections from Santiago-Irizarry

##### **Class 19: Ethics and Injustice**

Velez Ibanez, Carlos on Sterilization

La Operacion VIDEO

James Jones, "The Tuskegee Syphilis Experiment: 'A Moral Astigmatism,'" In Harding Reader.

#### **Endings and Beginnings**

##### **Class 20:**

Laura Nader, "Introduction" in Naked Science: Anthropological Inquiry into Boundaries, Power, and Knowledge

David Hayes Bautista (2002) The Latino Research Agenda for the Twenty-first Century, In Latinos: Remaking America, Suarez-Orozco and Paez (eds)

Paul Farmer (2002) Commentary In Latinos: Remaking America, Suarez-Orozco and Paez (eds)

Nancy Krieger, Ecosocial Theory

FINAL

Suggested Readings

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**SIDA: The Economic, Social, and Cultural Context of AIDS among Latinos**



Merrill Singer; Candida Flores; Lani Davison; Georgine Burke; Zaida Castillo; Kelley Scanlon; Migdalia Rivera

*Medical Anthropology Quarterly*, New Series, Vol. 4, No. 1, Culture and Behavior in the AIDS Epidemic (Mar., 1990), 72-114.

Stable URL:

<http://links.jstor.org/sici?sici=0745-5194%28199003%292%3A4%3A1%3C72%3ASTESAC%3E2.0.CO%3B2-Y>

Readings

Phimister EG. Medicine and the Racial Divide. *N Engl J Med*, 2003. 348(12): p. 1081-1082.  
<http://content.nejm.org/cgi/content/full/348/12/1081>

Allan Brandt, 2000. Racism and Research: The case of the Tuskegee Syphilis Experiment," *Tuskegee's Truth*, Susan Revery (ed) 15-33.

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