

SCIENCE AND RACE: HISTORY, USE, AND ABUSE

Class 3 – OCTOBER 26, 2016

GENETICS AND RACE

READING LIST:

Continue your exploration of this topic with the following readings, recommended by our panelists.

ACADEMIC:

Philosophy of Race Meets Population Genetics

By: Quayshawn Spencer

<http://www.sciencedirect.com/science/article/pii/S1369848615000655>

A Radical Solution to the Race Problem

By: Quayshawn Spencer

<https://docs.google.com/viewer?a=v&pid=sites&srcid=ZGVmYXVsdGRvbWFpbmxxbmcpcGVuY2VyfGd4OjdmYTdhOTBjN2ZIN2YyMjQ>

Human Skin Pigmentation, Migration and Disease Susceptibility

By: Nina G. Jablonski and George Chaplin

http://sites.psu.edu/ninajablonski/wp-content/uploads/sites/10224/2014/02/Jablonski.2012.Phil._Trans._Roy._Soc._B.785ff.pdf

The Evolution of Human Skin Colouration and its Relevance to Health in the Modern World

By: Nina G. Jablonski

http://sites.psu.edu/ninajablonski/wp-content/uploads/sites/10224/2014/02/Jablonski.2012.J.R.Coll._Physicians.Edinb._58ff.pdf

Approaching Ethical, Legal and Social Issues of Emerging Forensic DNA Phenotyping (FDP) Technologies Comprehensively: Reply to 'Forensic DNA Phenotyping: Predicting Human Appearance from Crime Scene Material for Investigative Purposes' by Manfred Kayser

By: Victor Toorn, Amade M'charek, Matthias Wienroth, Barbara Prainsack, Torsten Heinemann, and Helena Machado

http://www.academia.edu/20783377/Approaching_ethical_legal_and_social_issues_of_emerging_forensic_DNA_phenotyping_FDP_technologies_comprehensively_Reply_to_Forensic_DNA_phenotyping_Predicting_human_appearance_from_crime_scene_material_for_investigative_purposes_by_Manfred_Kayser

Topologies of Race: Doing Territory, Population and Identity in Europe

By: Amade M'charek and David Skinner

http://www.academia.edu/5309310/_Topologies_of_Race_Doing_territory_population_and_identity_in_Europe_in_Science_Technology_and_Human_Val-ues_2014_

Silent Witness, Articulate Collective: DNA Evidence and the Inference of Visible Traits

By: A. M'charek

http://www.academia.edu/5300150/_Silent_Witness_Articulate_Collective_DNA_Evidence_and_the_Inference_of_Visible_Traits_in_Bioethics_2008_

Mitochondrial DNA and the Peopling of the New World

By: T. Schurr

<http://www.americanscientist.org/issues/feature/2000/3/mitochondrial-dna-and-the-peopling-of-the-new-world>

The Meanings of "Race" in the New Genomics: Implications for Health Disparities Research

By: Sandra Soo-Jin Lee, Joanna Mountain, and Barbara Koenig

http://heinonline.org/HOL/Page?handle=hein.journals/yjhple1&div=6&g_sent=1&collection=journals



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1992 Race and ethnicity as biological constructs. *Ethnicity and Disease* 2(2):120-125.

By: Jackson, F.L.C.

<http://ukpmc.ac.uk/abstract/MED/1467750/reload=0;jsessionid=5joTcPSFpeffvDAjC57T.o>

2008 Ethnogenetic Layering (EL): An alternative to the traditional race model in human variation and health disparity studies.

***Annals of Human Biology* Mar-Apr 35(2):121-144.**

By: Jackson, F.L.C.

<http://informahealthcare.com/doi/pdf/10.1080/03014460801941752> (Winner of 2009 Nick Norgan Award for 2009 Best Article Published in *Annals of Human Biology*.)

2004 Human genetic variation and health: Ethnogenetic layering as a way of detecting relevant population substructuring.

***British Medical Bulletin*. 69:215-235.**

By: Jackson, F.

<http://bmb.oxfordjournals.org/content/69/1/215.short>

ADULT

Out of Africa: Startling New Genetics of Human Origins

By: Gary Stix

<http://blogs.scientificamerican.com/talking-back/out-of-africa-startling-new-genetics-of-human-origins/>

Living Color: The Biological and Social Meaning of Skin Color [for purchase]

By: Nina G. Jablonski

https://www.amazon.com/Living-Color-Biological-Social-Meaning/dp/0520283864/ref=sr_1_1?s=books&ie=UTF8&qid=1471127961&sr=1-1&keywords=living+color+jablonski

Ted Talk: Skin Color is an Illusion (video)

by: Nina Jablonski

https://www.ted.com/talks/nina_jablonski_breaks_the_illusion_of_skin_color?language=en

Sarah Tishkoff (U. Pennsylvania) Part 1: African Genomics: Human Evolution [video]

<https://www.youtube.com/watch?v=1eoZG956SgY>

Sarah Tishkoff (U. Pennsylvania) Part 2: African Genomics: African Population History [video]

<https://www.youtube.com/watch?v=vlp7qyXsPWQ>

Sarah Tishkoff (U. Pennsylvania) Part 3: African Genomics: Natural Selection [video]

<https://www.youtube.com/watch?v=eYuHGe65Xdw>

Ethnicity and Race: Making Identities in a Changing World [for purchase]

By: Stephen E. Cornell and Douglas Hartmann

https://www.amazon.com/Ethnicity-Race-Identities-Sociology-Paperback/dp/B010WHJGRI/ref=sr_1_1?ie=UTF8&qid=1471211638&sr=8-1&keywords=Ethnicity+and+Race%3A+Making+Identities+in+a+Changing+World+%28Sociology+for+a+New+Century+Series%29+2nd+Edition

1998 Scientific limitations and ethical ramifications of a non-representative Human Genome Project: African American responses.

***Science and Engineering Ethics* 4:155-170.**

By: Jackson, F.L.C.

<http://www.springerlink.com/content/d1032824381p3382/>



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1999 African-American responses to the Human Genome Project. Public Understanding of Science, 8(3): 181-191.

By: Jackson, F.L.C.

<http://pus.sagepub.com/content/8/3/181.short>

2000 Anthropological Measurement: The Mismeasure of African Americans. Annals of the American Academy of Political and Social Science, 568: 154-171.

By: Jackson, F.L.C.

<http://ann.sagepub.com/content/568/1/154.short>

YOUTH

Introduction to Genetics for Kids (video)

By: Cara Baldree

<https://www.youtube.com/watch?v=J1wuttlSJTY>

What is DNA and How Does it Work? (video)

By: Stated Clearly

<https://www.youtube.com/watch?v=zwibgNGe4aY>

Mixed-Race Relationships are Making us Taller and Smarter: Children Born to Genetically Diverse Parents are More Intelligent Than Their Ancestors

by: Victoria Woollaston

<http://www.dailymail.co.uk/sciencetech/article-3146070/Mixed-race-relationships-making-taller-smarter-Children-born-genetically-diverse-parents-intelligent-ancestors.html>

What Science Says About Race and Genetics

By: Nicholas Wade

<http://time.com/91081/what-science-says-about-race-and-genetics/>

What Scientists Mean When They Say “Race” is not Genetic

By: Jacqueline Howard

http://www.huffingtonpost.com/entry/race-is-not-biological_us_56b8db83e4bo4f9b57da89ed

Do Races Differ? Not Really, DNA Shows

By: Natalie Angier

<https://partners.nytimes.com/library/national/science/o82200sci-genetics-race.html>



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