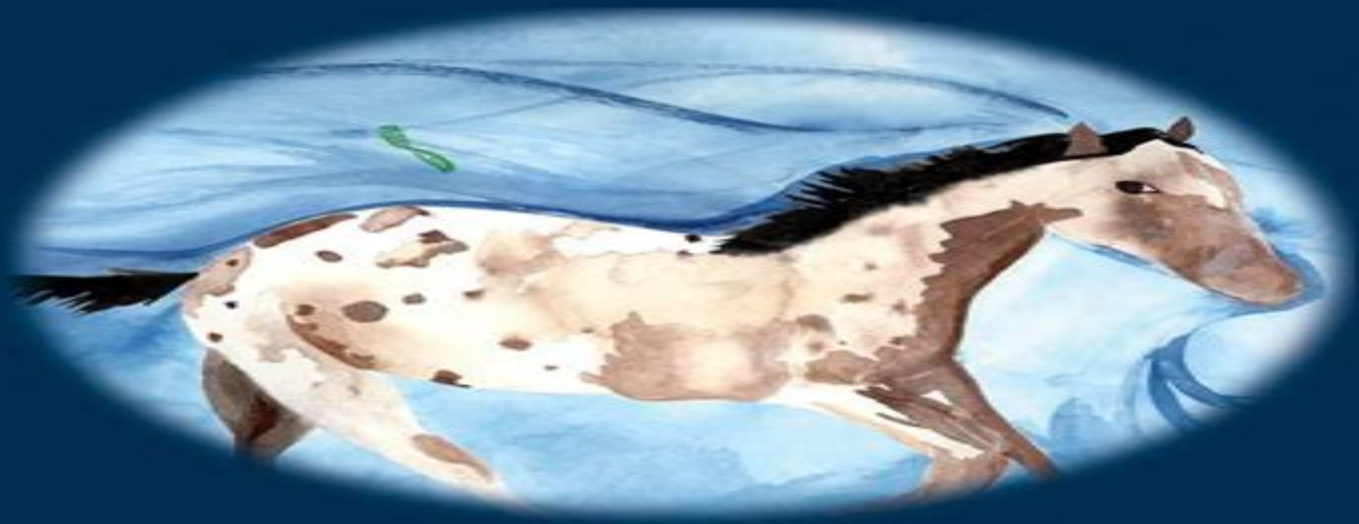


Race to the Finish

Identity and Governance in an Age of Genomics



Jenny Reardon

Race To The Finish Identity And Governance In An Age Of Genomics In Formation

Jenny Reardon



Race To The Finish Identity And Governance In An Age Of Genomics In Formation:

Race to the Finish Jenny Reardon, 2009-02-09 In the summer of 1991 population geneticists and evolutionary biologists proposed to archive human genetic diversity by collecting the genomes of isolated indigenous populations Their initiative which became known as the Human Genome Diversity Project generated early enthusiasm from those who believed it would enable huge advances in our understanding of human evolution However vocal criticism soon emerged Physical anthropologists accused Project organizers of reimporting racist categories into science Indigenous rights leaders saw a Vampire Project that sought the blood of indigenous people but not their well being More than a decade later the effort is barely off the ground How did an initiative whose leaders included some of biology's most respected socially conscious scientists become so stigmatized How did these model citizen scientists come to be viewed as potential racists even vampires This book argues that the long abeyance of the Diversity Project points to larger fundamental questions about how to understand knowledge democracy and racism in an age when expert claims about genomes increasingly shape the possibilities for being human Jenny Reardon demonstrates that far from being innocent tools for fighting racism scientific ideas and practices embed consequential social and political decisions about who can define race racism and democracy and for what ends She calls for the adoption of novel conceptual tools that do not oppose science and power truth and racist ideologies but rather draw into focus their mutual constitution

The Palgrave Handbook of Biology and Society

Maurizio Meloni, John Cromby, Des Fitzgerald, Stephanie Lloyd, 2017-10-27 This comprehensive handbook synthesizes the often fractured relationship between the study of biology and the study of society Bringing together a compelling array of interdisciplinary contributions the authors demonstrate how nuanced attention to both the biological and social sciences opens up novel perspectives upon some of the most significant sociological anthropological philosophical and biological questions of our era The six sections cover topics ranging from genomics and epigenetics to neuroscience and psychology to social epidemiology and medicine The authors collaboratively present state of the art research and perspectives in some of the most intriguing areas of what can be called biosocial and biocultural approaches demonstrating how quickly we are moving beyond the acrimonious debates that characterized the border between biology and society for most of the twentieth century This landmark volume will be an extremely valuable resource for scholars and practitioners in all areas of the social and biological sciences The chapter Ten Theses on the Subject of Biology and Politics Conceptual Methodological and Biopolitical Considerations is open access under a CC BY 4.0 license via link.springer.com Versions of the chapters The Transcendence of the Social Scrutinizing the Epigenetics Revolution Species of Biocapital 2008 and Speciating Biocapital 2017 and Experimental Entanglements Social Science and Neuroscience Beyond Interdisciplinarity are available open access via third parties For further information please see license information in the chapters or on link.springer.com

Life on Ice Joanna Radin, 2017-03-27 After the atomic bombing at the end of World War II anxieties about survival in the nuclear age led

scientists to begin stockpiling and freezing hundreds of thousands of blood samples from indigenous communities around the world. These samples were believed to embody potentially invaluable biological information about genetic ancestry, evolution, microbes, and much more. Today, they persist in freezers as part of a global tissue-based infrastructure. In *Life on Ice*, Joanna Radin examines how and why these frozen blood samples shaped the practice known as biobanking. The Cold War projects Radin tracks were meant to form an enduring total archive of indigenous blood before it was altered by the polluting forces of modernity. Freezing allowed that blood to act as a time-traveling resource. Radin explores the unique cultural and technical circumstances that created and gave momentum to the phenomenon of life on ice and shows how these preserved blood samples served as the building blocks for biomedicine at the dawn of the genomic age. In an era of vigorous ethical, legal, and cultural debates about genetic privacy and identity, *Life on Ice* reveals the larger picture: how we got here and the promises and problems involved with finding new uses for cold human blood samples.

The Color of Precision Medicine Shirley Sun, Zoe Ong, 2024-04-23. Will genome-based precision medicine fix the problem of race/ethnicity-based medicine? To answer this question, Sun and Ong propose the concept of racialization of precision medicine, defined as the social processes by which racial/ethnic categories are incorporated or not into the development, interpretation, and implementation of precision medicine research and practice. Drawing on interview data with physicians and scientists in the field of cancer care, this book addresses the following questions: Who are the racializers in precision medicine, how and why do they do it? Under what conditions do clinicians personalize medical treatments in the context of cancer therapies? The chapters elucidate different ways in which racialization occurs and reveal that there exists an inherent contradiction in the usage of race/ethnicity as precision medicine moves from bench to bedside. The relative resources theory is proposed to explain that whether race/ethnicity-based medicine will be replaced by genomic medicine depends on the resources available at the individual and systemic levels. Furthermore, this book expands on how racialization happens not only in pharmacogenomic drug efficacy studies but also in drug toxicity studies and cost-effectiveness studies. An important resource for clinicians, researchers, public health policymakers, health economists, and journalists on how to deracialize precision medicine.

Blood Sugar Anthony Ryan Hatch, 2016-04-10. Why do African Americans have exceptionally high rates of hypertension, diabetes, and obesity? Is it their genes? Their disease-prone culture? Their poor diets? Such racist explanations for racial inequalities in metabolic health have circulated in medical journals for decades. *Blood Sugar* analyzes and challenges the ways in which metabolic syndrome has become a major biomedical category that medical researchers have created to better understand the risks. High blood pressure, blood sugar, body fat, and cholesterol pose to people. An estimated sixty million Americans are well on the way to being diagnosed with it, many of them belonging to people of color. Anthony Ryan Hatch argues that the syndrome represents another very real crisis and that its advent signals a new form of colorblind scientific racism: a repackaging of race within biomedical and genomic research. Examining the cultural discussions and scientific practices that target human metabolism.

of prescription drugs and sugar by African Americans he reveals how medical researchers who use metabolic syndrome to address racial inequalities in health have in effect reconstructed race as a fixed biological genetic feature of bodies without incorporating social and economic inequalities into the equation And just as the causes of metabolic syndrome are framed in racial terms so are potential drug treatments and nutritional health interventions The first sustained social and political inquiry of metabolic syndrome this provocative and timely book is a crucial contribution to the emerging literature on race and medicine It will engage those who seek to understand how unjust power relations shape population health inequalities and the production of medical knowledge and biotechnologies

Decoding Racial Ideology in Genomics Johnny E.

Williams,2016-05-27 Although the human genome exists apart from society knowledge about it is produced through socially created language and interactions As such genomicists thinking is informed by their inability to escape the wake of the race concept This book investigates how racism makes genomics and how genomics makes racism and race and the consequences of these constructions Specifically Williams explores how racial ideology works in genomics The simple assumption that frames the book is that race as an ideology justifying a system of oppression is persistently recreated as a practical and familiar way to understand biological reality This book reveals that genomicists preoccupation with race regardless of good or ill intent contributes to its perception as a category of differences that is scientifically rigorous

Reimagining (Bio)Medicalization, Pharmaceuticals and Genetics Susan E. Bell,Anne E. Figert,2015-02-11 In recent years medicalization the process of making something medical has gained considerable ground and a position in everyday discourse In this multidisciplinary collection of original essays the authors expertly consider how issues around medicalization have developed ways in which it is changing and the potential shapes it will take in the future They develop a unique argument that medicalization biomedicalization pharmaceuticalization and geneticization are related and co evolving processes present throughout the globe This is an ideal addition to anthropology sociology and STS courses about medicine and health

Routledge International Handbook of Diversity Studies Steven Vertovec,2014-11-20 In recent years the concept of diversity has gained a leading place in academic thought business practice and public policy worldwide Although variously used diversity tends to refer to patterns of social difference in terms of certain key categories Today the foremost categories shaping discourses and policies of diversity include race ethnicity religion gender disability sexuality and age further important notions include class language locality lifestyle and legal status The Routledge Handbook of Diversity Studies will examine a range of such concepts along with historical and contemporary cases concerning social and political dynamics surrounding them With contributions by experts spanning Sociology Anthropology Political Science History and Geography the Handbook will be a key resource for students social scientists and professionals It will represent a landmark volume within a field that has become and will continue to be one of the most significant global topics of concern throughout the twenty first century

In the Museum of Man Alice L. Conklin,2013-10-04 In the Museum of Man offers new insight into

the thorny relationship between science society and empire at the high water mark of French imperialism and European racism Alice L Conklin takes us into the formative years of French anthropology and social theory between 1850 and 1900 then deep into the practice of anthropology under the name of ethnology both in Paris and in the empire before and especially after World War I and finally into the fate of the discipline and its practitioners under the German Occupation and its immediate aftermath Conklin addresses the influence exerted by academic networks museum collections and imperial connections in defining human diversity socioculturally rather than biologically especially in the wake of resurgent anti-Semitism at the time of the Dreyfus Affair and in the 1930s and 1940s Students of the progressive social scientist Marcel Mauss were exposed to the ravages of imperialism in the French colonies where they did fieldwork as a result they began to challenge both colonialism and the scientific racism that provided its intellectual justification Indeed a number of them were killed in the Resistance fighting for the humanist values they had learned from their teachers and in the field A riveting story of a close knit community of scholars who came to see all societies as equally complex In the Museum of Man serves as a reminder that if scientific expertise once authorized racism anthropologists also learned to rethink their paradigms and mobilize against racial prejudice a lesson well worth remembering today

South Asian Tissue Economies Jacob Copeman, 2015-09-07 Questions of the social implications of biotechnology and biological exchange the extraction of human tissues such as blood skin and organs for testing storage and or distribution for therapeutic or research purposes have recently been brought strongly to the analytical fore across the social sciences This book focuses on the variegated biopolitical milieus of this kind of exchange specifically in South Asia It ranges widely theoretically thematically and regionally in examining South Asian variants of and engagements with diverse modes of biological exchange caste gender and blood donation in Pakistan DNA testing amongst a former Untouchable community in south India and amongst diasporic Indians in Houston Texas body cadaveric donation in India the use of fake blood in Bangladeshi cinema the mobilisation of blood hearts and ketones to protest the Indian government's failure to provide redress or care to victims of the 1984 Bhopal industrial disaster and blood based political portraits and petitions in south India In considering this complex of issues this book extends the parameters of classic accounts of the role of substance transactions in the production of South Asian personhood into investigations of the biopolitics and economies of substance that shape people and communities in diverse parts of the subcontinent describing findings that illuminate how local responses to the implementation of various kinds of tissue economy both reflect and also transform socio cultural values in South Asia This book was published as a special issue of Contemporary South Asia

Toxic Sexual Politics Melina Packer, 2025-01-28 Toxic Sexual Politics uses historical and contemporary evidence to show how the U S science of toxicology is a tool designed by and for the chemical industry suggesting that public health will never win the industry's game What if instead the science of toxicants explicitly confronted chemical corporate power building from queer feminist anti ableist and anti racist movements for environmental and

reproductive justice *Luso-Tropicalism and Its Discontents* Warwick Anderson, Ricardo Roque, Ricardo Ventura Santos, 2019-04-22 Modern perceptions of race across much of the Global South are indebted to the Brazilian social scientist Gilberto Freyre who in works such as *The Masters and the Slaves* claimed that Portuguese colonialism produced exceptionally benign and tolerant race relations This volume radically reinterprets Freyre's Luso-tropicalist arguments and critically engages with the historical complexity of racial concepts and practices in the Portuguese speaking world Encompassing Brazil as well as Portuguese speaking societies in Africa Asia and even Portugal itself it places an interdisciplinary group of scholars in conversation to challenge the conventional understanding of twentieth century racialization proffering new insights into such controversial topics as human plasticity racial amalgamation and the tropes and proxies of whiteness

The Routledge Companion to the Philosophy of Race Paul Taylor, Linda Alcoff, Luve Anderson, 2017-11-28 For many decades race and racism have been common areas of study in departments of sociology history political science English and anthropology Much more recently as the historical concept of race and racial categories have faced significant scientific and political challenges philosophers have become more interested in these areas This changing understanding of the ontology of race has invited inquiry from researchers in moral philosophy metaphysics epistemology philosophy of science philosophy of language and aesthetics *The Routledge Companion to Philosophy of Race* offers in one comprehensive volume newly written articles on race from the world's leading analytic and continental philosophers It is however accessible to a readership beyond philosophy as well providing a cohesive reference for a wide student and academic readership The Companion synthesizes current philosophical understandings of race providing 37 chapters on the history of philosophy and race as well as how race might be investigated in the usual frameworks of contemporary philosophy The volume concludes with a section on philosophical approaches to some topics with broad interest outside of philosophy like colonialism affirmative action eugenics immigration race and disability and post racialism By clearly explaining and carefully organizing the leading current philosophical thinking on race this timely collection will help define the subject and bring renewed understanding of race to students and researchers in the humanities social science and sciences

The New Political Sociology of Science Scott Frickel, Kelly Moore, 2006-03-01 In the twenty first century the production and use of scientific knowledge is more regulated commercialized and participatory than at any other time The stakes in understanding those changes are high for scientist and nonscientist alike they challenge traditional ideas of intellectual work and property and have the potential to remake legal and professional boundaries and transform the practice of research A critical examination of the structures of power and inequality these changes hinge upon this book explores the implications for human health democratic society and the environment

The Routledge Handbook to the History and Society of the Americas Olaf Kaltmeier, Josef Raab, Mike Foley, Alice Nash, Stefan Rinke, Mario Rufer, 2019-04-12 The colonial heritage and its renewed aftermaths expressed in the inter American experiences of slavery indigeneity dependence and

freedom movements to mention only a few aspects form a common ground of experience in the Western Hemisphere The flow of peoples goods knowledge and finances have promoted interdependence and integration that cut across borders and link the countries of North and South America together The nature of this transversally related and multiply interconnected region can only be captured through a transnational multidisciplinary and comprehensive approach The Routledge Handbook to the History and Society of the Americas explores the history and society of the Americas placing particular emphasis on collective and intertwined experiences Forty four chapters cover a range of concepts and dynamics in the Americas from the colonial period until the present century The shared histories and dynamics of Inter American relationships are considered through pre Hispanic empires colonization European hegemony migration multiculturalism and political and economic interdependences Key concepts are selected and explored from different geopolitical disciplinary and epistemological perspectives Highlighting the contested character of key concepts that are usually defined in strict disciplinary terms the Handbook provides the basis for a better and deeper understanding of inter American entanglements This multidisciplinary approach will be of interest to a broad array of academic scholars and students in history sociology political science cultural postcolonial gender literary and globalization studies

The SAGE Handbook of Nature Terry Marsden, 2018-03-23 The SAGE Handbook of Nature offers an ambitious retrospective and prospective overview of the field that aims to position Nature the environment and natural processes at the heart of interdisciplinary social sciences The three volumes are divided into the following parts INTRODUCTION TO THE HANDBOOK NATURAL AND SOCIO NATURAL VULNERABILITIES INTERWEAVING THE NATURAL SOCIAL SCIENCES SPACING NATURES SUSTAINABLE PLACE MAKING AND ADAPTATION COUPLED AND DE COUPLED SOCIO ECOLOGICAL SYSTEMS RISK AND THE ENVIRONMENT SOCIAL THEORIES PUBLIC UNDERSTANDINGS THE SCIENCE POLICY INTERFACE HUNGRY AND THIRSTY CITIES AND THEIR REGIONS CRITICAL CONSUMERISM AND ITS MANUFACTURED NATURES GENDERED NATURES AND ECO FEMINISM REPRODUCTIVE NATURES PLANTS ANIMALS AND PEOPLE NATURE CLASS AND SOCIAL INEQUALITY BIO SENSITIVITY THE ECOLOGIES OF HEALTH THE RESOURCE NEXUS AND ITS RELEVANCE SUSTAINABLE URBAN COMMUNITIES RURAL NATURES AND THEIR CO PRODUCTION This handbook is a key critical research resource for researchers and practitioners across the social sciences and their contributions to related disciplines associated with the fast developing interdisciplinary field of sustainability science

The Handbook of Science and Technology Studies, fourth edition Ulrike Felt, Rayvon Fouche, Clark A. Miller, Laurel Smith-Doerr, 2016-12-16 The fourth edition of an authoritative overview with all new chapters that capture the state of the art in a rapidly growing field Science and Technology Studies STS is a flourishing interdisciplinary field that examines the transformative power of science and technology to arrange and rearrange contemporary societies The Handbook of Science and Technology Studies provides a comprehensive and authoritative overview of the field reviewing current research and major theoretical and methodological approaches in a way that is

accessible to both new and established scholars from a range of disciplines This new edition sponsored by the Society for Social Studies of Science is the fourth in a series of volumes that have defined the field of STS It features 36 chapters each written for the fourth edition that capture the state of the art in a rich and rapidly growing field One especially notable development is the increasing integration of feminist gender and postcolonial studies into the body of STS knowledge The book covers methods and participatory practices in STS research mechanisms by which knowledge people and societies are coproduced the design construction and use of material devices and infrastructures the organization and governance of science and STS and societal challenges including aging agriculture security disasters environmental justice and climate change

UNESCO Without Borders Aigul Kulnazarova, Christian Ydesen, 2016-06-23 The United Nations Educational Scientific and Cultural Organization UNESCO was established in 1945 with twin aims to rebuild various institutions of the world destroyed by war and to promote international understanding and peaceful cooperation among nations Based on empirical and historical research and with a particular focus on history teaching international understanding and peace UNESCO Without Borders offers a new research trajectory for understanding the roles played by UNESCO and other international organizations as well as the effects of globalization on education With fifteen chapters by authors from cross disciplinary and diverse geographical areas this book assesses the global implications and results of UNESCO's educational policies and practices It explores how UNESCO approved guidelines of textbook revisions and peace initiatives were implemented in member states illustrating the existence of both national confrontations with the new worldview promoted by UNESCO as well as the constraints of international cooperation This book provides an insightful analysis of UNESCO's past challenges and also indicates promising future research directions in support of international understanding for peace and cooperation As such it will be of key interest to researchers postgraduate students academics in the fields of international and comparative education education politics and policies and to those interested in the historical study of international organizations and their global impact The book will also appeal to practitioners especially those who conduct research on or work in post conflict societies

Reckoning Candis Callison, Mary Lynn Young, 2020 How do journalists know what they know Who gets to decide what good journalism is and when it's done right What sort of expertise do journalists have and what role should and do they play in society Until a couple of decades ago journalists rarely asked these questions largely because the answers were generally undisputed Now the stakes are rising for journalists as they face real time critique and audience pushback for their ethics news reporting and relevance Yet the crises facing journalism have been narrowly defined as the result of disruption by new technologies and economic decline This book argues that the concerns are in fact much more profound Drawing on their five years of research with journalists in the U S and Canada in a variety of news organizations from startups and freelancers to mainstream media the authors find a digital reckoning taking place regarding journalism's founding ideals and methods The book explores journalism's long standing representational harms arguing that

despite thoughtful explorations of the role of publics in journalism the profession hasn't adequately addressed matters of gender race intersectionality and settler colonialism In doing so the authors rethink the basis for what journalism says it could and should do suggesting that a turn to strong objectivity and systems journalism provides a path forward They offer insights from journalists own experiences and efforts at repair reform and transformation to consider how journalism can address its limits and possibilities along with widening media publics

The Handbook of Genetics & Society Paul

Atkinson, Peter Glasner, Margaret Lock, 2009-07-02 An authoritative Handbook which offers a discussion of the social political ethical and economic consequences and implications of the new bio sciences The Handbook takes an interdisciplinary approach providing a synoptic overview of contemporary international social science research on genetics genomics and the new life sciences It brings together leading scholars with expertise across a wide ranging spectrum of research fields related to the production use commercialisation and regulation of genetics knowledge The Handbook is structured into seven cross cutting themes in contemporary social science research on genetics with introductions written by internationally renowned section editors who take an interdisciplinary approach to offer fresh insights on recent developments and issues in often controversial fields of study The Handbook explores local and global issues and critically approaches a wide range of public and policy questions providing an invaluable reference source to a wide variety of researchers academics and policy makers

Reviewing **Race To The Finish Identity And Governance In An Age Of Genomics In Formation**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is actually astonishing. Within the pages of "**Race To The Finish Identity And Governance In An Age Of Genomics In Formation**," an enthralling opus penned by a highly acclaimed wordsmith, readers embark on an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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