

CATHERINE BLISS

University of California, San Francisco
Department of Social and Behavioral Sciences
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POSITIONS

- 2018- Visiting Professor, Department of Sociology, New York University
2017- Associate Professor, Department of Social and Behavioral Sciences, University of California, San Francisco
2013-17 Assistant Professor, Department of Social and Behavioral Sciences, University of California, San Francisco
2011-13 Postdoctoral Fellow, Alpert Medical School & Cogut Center for the Humanities and Social Sciences, Brown University
2009-11 Postdoctoral Fellow, Africana Studies & Science and Technology Studies, Brown University

EDUCATION

- 2009 PhD, Sociology, New School for Social Research
2003 MA, Ethnic Studies, San Francisco State University
1999 BA, *magna cum laude*, Sociology, University of California Santa Cruz
BA, *magna cum laude*, Women's Studies, University of California Santa Cruz

HONORS

- American Sociological Association Oliver Cromwell Cox Article Award Runner-Up 2016
American Sociological Association Oliver Cromwell Cox Book Award 2014
American Sociological Association James E. Blackwell Award Runner-Up 2010
Alfred Schutz Memorial Award in Philosophy and Sociology 2009

GRANTS

CURRENT

- National Science Foundation Science, Technology, and Society Award 2014-18 "The Application of Genome-Wide Association Studies to Behavioral Traits" (\$345,445)
Chancellor's Award 2015-18 "Educational Technology and Enrichment" (\$3,540)

COMPLETED

Resource Allocation Program Basic, Clinical & Translational Science Award 2015-16
"Translational Implications of Social Genomics" (\$30,000)
University of California Center for New Racial Studies Faculty Research Grant 2014-15
"Postcolonial Idioms of Race and Identity in the Genomic Age" (\$13,500)
Brown University Faculty Lectureship Award 2011-12 "How Scientists Think" (\$10,000)
Brown University Francis Wayland Collegium Grant 2010-11 "Race and Genomics" (\$10,000)
New School for Social Research University Dissertation Fellowship 2008-9 "The New Science
of Race: Sociological Analysis of the Genomic Debate over Race" (\$8,000)
National Science Foundation Doctoral Dissertation Improvement Grant 2007-8 "A
Sociological Analysis of the Production of Scientific Knowledge: Race and Molecular
Genetics" (\$7,500)
New School for Social Research University Teaching Fellowship 2006-7 (\$3,000)
New School for Social Research Pre-Doctoral Dissertation Research Grant 2005 (\$500)
New School University Graduate Faculty Scholarship 2003-5 (\$42,000)
AmeriCorps Educational Award 2001-3 (\$10,000)

FELLOWSHIPS

Howard Hughes Medical Institute Postdoctoral Fellowship 2011-14
Princeton University Center for African American Studies Postdoctoral Fellowship 2011-12
(declined)
Andrew W. Mellon Postdoctoral Fellowship in the Humanities and Social Sciences 2009-13
NIH National Human Genome Research Institute Postdoctoral Fellowship 2009-11 (declined)
University of California Los Angeles Center for Society and Genetics Postdoctoral Fellowship
2009-10 (declined)

PUBLICATIONS

BOOKS

Bliss, Catherine. *Social by Nature: The Promise and Peril of Sociogenomics* (Stanford:
Stanford University Press, 2018).
Bliss, Catherine. *Race Decoded: The Genomic Fight for Social Justice* (Stanford: Stanford
University Press, 2012).

REFEREED JOURNAL ARTICLES

Bliss Catherine, and Aaron Panofsky. "Ambiguity and Scientific Authority: Population
Classification in Genomic Science" *American Sociological Review* 82 (2017), 59-87.
Bliss, Catherine. "Science and Struggle: Emerging Forms of Race and Activism in the
Genome Era" *The Annals of Political and Social Science* 661 (2015), 86-108.
Bliss, Catherine. "The Marketization of Identity Politics" *Sociology* 47 (2013), 1011-25.

- Bliss, Catherine. "Translating Racial Genomics: Passages in and Beyond the Lab" *Qualitative Sociology* 36 (2013), 1-21.
- Bliss, Catherine. "Racial Taxonomy in Genomics" *Social Science & Medicine* 73 (2011), 1019-27.
- Bliss, Catherine. "Mapping Race Through Admixture" *International Journal of Technology, Knowledge & Society* 4 (2008), 79-83.

REFEREED BOOK CHAPTERS

- Bliss, Catherine. "A Sociogenomic World" *Reconsidering Race*, edited by Kazuko Sazuki and Diego Von-Vacano (Oxford: Oxford University Press, 2018).
- Bliss, Catherine. "Biomedicalization in the Postgenomic Age." *Handbook of Genomics, Health and Society*, edited by Sahra Gibbon, Barbara Prainsack, Stephen Hilgartner and Janelle Lamoreaux (Routledge: New York, 2018).
- Bliss, Catherine. "The Meaning of Health Disparities" *Subprime Health: Debt and Race in U.S. Medicine*, edited by Leslie Hinkson and Nadine Ehlers (Minneapolis: University of Minnesota Press, 2017).
- Bliss, Catherine. "The Postgenomic Politics of Race." *Handbook of Biology and Society*, edited by Maurizio Meloni et al. (New York: Palgrave, 2017).
- Bliss, Catherine. "Genetic Approaches to Health Disparities" *Advances in Medical Sociology Vol. 16: Genetics, Health, and Society*, edited by Brea L. Perry (London: Emerald, 2015).
- Bliss, Catherine. "Global Genomics and the Hunt for Human Difference." *Reimagining (Bio)Medicalization, Pharmaceuticals, and Genetics*, edited by Susan Bell and Anne Figert (New York: Routledge, 2015).
- Bliss, Catherine. "Defining Health Justice in the Postgenomic Era" *Postgenomics: Perspectives on Biology After the Genome*, edited by Sarah Richardson and Hallam Stevens (Durham: Duke University Press, 2015).
- Bliss, Catherine. "Race and Ethnicity" *Basics in Human Evolution*, edited by Michael Muehlenbein (New York: Elsevier, 2015).
- Bliss, Catherine, and Richard Tutton. "Changing Concepts of Race in the Age of Genomics" *Encyclopedia of Applied Ethics*, edited by Ruth Chadwick (Oxford: Elsevier, 2012).
- Bliss, Catherine. "World Systems Theory" *Encyclopedia of Identity*, edited by Ronald L. Jackson (Thousand Oaks, CA: Sage, 2010).
- Bliss, Catherine. "Genome Sampling and the Biopolitics of Race" *A Foucault for the 21st Century: Governmentality, Biopolitics and Discipline in the New Millennium*, edited by Samuel Binkley and Jorge Capetillo (Boston: Cambridge Scholars Publishing, 2009).

COMMENTARY, OP-EDS, AND BOOK REVIEWS

- Bliss, Catherine. "Social Neuroscience: Brain, Mind, and Society." *Contemporary Sociology* 45 (2016), 786.
- Bliss, Catherine. "Race in a Bottle: The Story Of BiDiL And Racialized Medicine In A Post-Genomic Age" *Sociology of Race and Ethnicity* (Jun 2015).

Bliss, Catherine. "Body and Soul: The Black Panther Party and the Fight Against Medical Discrimination" *Contemporary Sociology* (Jan 2013).

Bliss, Catherine. "Census, Race, and Genomics" *Anthropology News* (May 2010).

MEDIA INTERVIEWS

Science et Vie, Aug 2018: How Modern Science Does Race.

Scientific American, Jun 2018: Race in America's All of Us.

Top of the Mind, May 2018: DNA Tests and IQ.

The Kim Komando Show, Mar 2018: Genetic IQ Tests.

Undark Magazine, Mar 2018: National Geographic's Race Issue.

The Scientist, Mar 2018: Catherine Bliss: Sociologist and Scientist.

Progress, Feb 2018: Sociogenomics in Science.

East Asia Daily and *Science East Asia*, Jan 2018: The Debate over Racial Medicine

Technology Review, Jan 2018: Polygenic Risk Scores and IQ.

New York Times, Oct 2017: White Supremacists and DNA Research.

TED, Jan 2017: Human Gene Editing.

Government Technology, Oct 2016: Gene Editing and Governance.

Bill Nye Saves the World, Sep 2016: Episode on Gene Editing.

Wired Magazine, Sep 2015: The End of the 1000 Genomes Project.

CBC, May 2014: Response to Nicholas Wade's *A Troublesome Inheritance*.

East Asia Daily and *Science East Asia*, Apr 2014: Neoracism and Scientific Racisms.

Chronicle of Higher Education, Feb 2014: Genome Analysis and Racism.

La Presse, Feb 2014: New Racisms in the 21st Century.

Washington Monthly, Jul 2010: Race and Genomic Sequencing.

WORKS IN PROGRESS

Bliss, Catherine. *Our Genomic World: DNA and Human Being in the New Millennium* (New York: Routledge).

Bliss, Catherine. "How the Human Genome Became Racial." Revise and Resubmit from *PLoS Biology*.

Bliss, Catherine. "Race-Positive Science" *Racial Formation Theory*, edited by Michael Omi, Howard Winant, and Howard Pinderhughes (New York: Routledge).

PRESENTATIONS

INVITED LECTURES

Epidapo, Mar 2018: "Social by Nature: The New Science of Sociogenomics."

Yale University, Feb 2018: "Sociogenomics: A Paradigm for the New Millennium."

UC San Diego Institute for Practical Ethics, Jan 2018: "Sociogenomics: An Emerging Ethos."

Center for the Study of Adversity and Cardiovascular Disease, Jan 2017: "Envisioning Adversity: Understanding Race in the Genome Era."

- Harvard Medical School, May 2016: "Genetic Medicine and Social Justice."
- Harvard University Science and Technology Studies, Apr 2016: "The Molecularization of Identity Politics: Race and Market Logics."
- National Academies of Science, Engineering and Medicine, Dec 2015: "The ELSI of Gene Editing: Lessons from the Genomics of Race."
- University of Texas Austin Department of Sociology, Nov 2015: "Race in the Genome."
- NYU Asian/Pacific/American Institute, Sep 2015: "Eugenics and The Model Minority Myth."
- American Sociological Association Invited Session on The Practice of Science, Genomics, and Racial and Ethnic Bias, Aug 2015: "Asian, African, and European Genomes: The Sociogenomic Paradigm and Race."
- European Molecular Biology Laboratory, Jul 2015: "Decoding Race."
- UC Center for New Racial Studies, May 2015: "Postcolonial Idioms of Race and Identity in the Genomic Age."
- American Association for the Advancement of Science Invited Session on Race and Sex in the Genome, Feb 2015: Scientific, "Race-Positive Science: Ethical and Social Implications of Genomics."
- University of Chicago Department of Anthropology, Nov 2014: "Race in a Postgenomic World."
- Robert Wood Johnson Scholars Program UCSF, Oct 2014: "Sociogenomics: Race and Beyond."
- American Association for the Advancement of Science Invited Session on Neoracism and Scientific Racism in "Postracial" Societies, Feb 2014: "The Sociogenomic Paradigm: New Racisms."
- Princeton University Asian American Studies, Feb 2014: "New Paradigms and Problems of the 21st Century."
- Center for Transdisciplinary ELSI Research in Translational Genomics, Nov 2013: "The Sociogenomic Paradigm: Medicalization and Racialization."
- Bowdoin College, Sep 2013: "Global Genomics and the Hunt for Human Difference."
- Texas A&M University, May 2013: "The Sociogenomic Paradigm."
- UCLA Graduate School of Education and Information Studies, May 2013: "DNA as Global Knowledge."
- Rhode Island College, Mar 2013: "Genetic Ethics After HeLa."
- Alpert Medical School Ethics Night Keynote, Feb 2013: "Ethics at the Frontier."
- Cardiff University, May 2012: "Race Decoded."
- Lancaster University, May 2012: "Race Decoded."
- Boston University African American Studies, May 2012: "Race Decoded."
- UCSF Social Behavioral Sciences, Apr 2012: "Race Decoded."
- Harvard University Kennedy School of Government, Jan 2012: "Race Decoded."
- American Studies Association, President's Panel on Science and Politics, Oct 2011: "Science and Struggle: Biomedical Research as Activism."
- The Tarrytown Meetings, Jul 2011: "From Bedside to Bench: Racial Inclusion in Genomics."

- University of Massachusetts Amherst Women, Gender, Sexuality Studies, Feb 2011: "The Genomics of Human Difference."
- Brown University Department of Africana Studies, Dec 2010: "Human Taxonomy in the Genome Era."
- Purchase College Department of Sociology, Dec 2010: "Race and Identity in Genomics."
- Brown University Department of Sociology, Nov 2010: "Making Race in the Decade of the Genome."
- American Anthropological Association Invited Session on Transnational Circulations, Nov 2010: "Samples in Transit."
- Brown University Race and Genomics Lecture Series, Oct 2010: "Understanding Genomic Reference Populations."
- Brown University Population Studies and Training Center, Apr 2010: "Racial Conceptualization in Process."
- American Sociological Association Invited Session on The Field of Science, Capital, Habitus, and the Struggle for Power, Aug 2010: "Practical Taxonomies in Genomics."
- American Sociological Association Invited Session on Race, Genetics, and the Genome Project, Aug 2010: "Inclusion in a Genomic Age."
- Brown University Engaging Science and Technology Studies Series, Apr 2010: "Race, Ancestry, and Behavior."
- American Anthropological Association Executive Session on Consuming Genomics, Dec 2009: "Genomic Intersections with Race: The Invention and Expansion of an Ancestry Estimation Technology."
- CUNY College of Staten Island Department of Sociology, Feb 2009: "The Genomics of Race: From the Genome Project to Personal Genomics."
- NIH National Human Genome Research Institute Social and Behavioral Research Branch, Mar 2009: "The New Science of Race: The Genomic Debate Over Race."
- Duke University Institute for Genome Sciences and Policy, Nov 2008: "Genomic Rationalities: The Space of Ethics in Contemporary Science."

CONFERENCE PRESENTATIONS

- American Sociological Association, Aug 2017: "What the Rise of Sociogenomics Means for Sociology."
- International Conference of Science on Science, Apr 2016: "Ambiguity and Scientific Authority: Population Classification in Genomic Science."
- Association for Asian American Studies, Apr 2015: "Biology, Borders, and Belonging: Genomics' Prism of Asian/American and Pacific Islander Difference."
- American Sociological Association, Aug 2014: "Nonstandardization in Science: Discontinuities in Population Classification in Genomic Science."
- Society for Social Studies of Science, Oct 2012: "Nonstandard Science."
- American Sociological Association, Aug 2012: "Pharmatech You: The Marketization of Identity Politics."
- Society for Social Studies of Science, Nov 2011: "Epidemiology's New Optic."

Brown University The Body as Site and Sign, Apr 2010: "Personalized Medicine and the Glocalization of the Body."
Society for Social Studies of Science, Oct 2009: "Identity and Boundary Work in the Field of Genomics."
London School of Economics Vital Politics, Sep 2009: "Biopolitical Citizenship 2.0: Citizen Subjectivity in the Age of Personal Genomics."
Society for Social Studies of Science, Aug 2008: "Admixture's Apparatus: Explanation of Genomic Networks Through the Rising Technology of Admixture Mapping."
Social Theory Forum, Apr 2008: "Genome Sampling and the Biopolitics of Race."
Technology, Knowledge and Society, Jan 2008: "Mapping Race Through Admixture."
International Society for the Study of European Ideas, Aug 2004: "Prismatic Otherness: Processes of Abjection in the Multiply Raced."
Hawaii International Conference on the Social Sciences, Jun 2004: "Humanitas Incognitas: Constructing Race Through Religious Discourse in the Age of Discovery."
Association for Asian American Studies, May 2003: "Mixed Race Theory in Ethnic Studies."
Hapa Issues Forum, Jul 2002: "Outside the Umbrella: Othering Mixed Race."

GUEST LECTURES

UC Berkeley The Ambiguities of Racial Classification and Identity, Oct 2015: "Race Decoded."
University of California San Francisco Disparities in Women's Health Care, Feb 2015: "Asians Africans, and Europeans: From Populations to Races."
University of California San Francisco Disparities in Women's Health Care, Jan 2014: "Geneticization and Health Disparities."
Brown University African American History, Feb 2013: "Race Decoded."
Brandeis University Sociology of Science, Technology, and Medicine, Mar 2012: "Race Decoded."
Brown University Senior Seminar in Ethnic Studies, Feb 2012: "Qualitative Methods in Ethnic Studies of Science and Medicine."
Brown University Theories and Controversies in Science and Society, Nov 2009: "Race-based Medicine: the Politics of BiDiL."
Brown University Bodies and Markets in Transnational Perspective, Oct 2009: "Biopolitical Linkages: Creative Connections Between Biopolitics and Medicalization Theory."

TEACHING

POSITIONS AND COURSES

Associate Professor, University of California, San Francisco, 2013-
Advanced Qualitative Research Methods
Biopolitics, Biosociality, and Biomedicalization
Classical Social Theory
Qualitative Data Collection and Ethics

Race, Gender, Sexuality, Postcoloniality, and Science, Technology, and Medicine
Science and Technology Studies
Sociology of Genetics and Genomics
Sociology of Health and Illness
Sociology of Knowledge
Sociology of Medicine
Social Psychology of Health and Illness
Symbolic Interactionism and Post-Structural Theory

Postdoctoral Fellow, Brown University, 2009-13

Biomedicalization: The Body as a Social Problem
Gender, Science, and Society
Independent Study in Ethnic Studies
Independent Study in Human Biology
Independent Study in Science and Society
Race, Science, and Society
Senior Seminar in Science and Society
The New Science of Race: Racial Biomedicine in the 21st Century

Teacher, New School for Social Research, 2008-10

Proseminar on Research Design and Grant Writing

Teaching Fellow, New School for Social Research, 2006

Assistant to the University Lecture Course in Social Thought

Teaching Assistant, San Francisco State University, 2002

Asians of Mixed Heritage

ONLINE MODULES

Coursera Translational Genomics: Race/Ethnicity and Genetics

ADVISING

Doctoral Dissertation:

Nicole Foti
Zoe Samudzi
Melanie Jeske
Rosalie Winslow
Meredith Van Natta
Sara Rubin
Sonia Alam
Taylor Cruz

Doctoral Exam:

Meredith Van Natta
Taylor Cruz
Omar Mushtaq
Sean Arayasirikul

Qualifying Exam:

Zoe Samudzi
Jhia Jackson
Sarah Blake
Rashon Lane
Melanie Jeske
Rosalie Winslow
Meredith Van Natta
Naina Khanna
Chadwick Campbell
Omar Mushtaq
Luis Gutierrez-Mock
Sara Rubin
Charles Cloniger
Floencia Rojo
Ariana Jostad-Laswell
Lily Walkover
Taylor Cruz
Emily Trealeven

Honors Thesis:

Human Biology: "Developing High School Lesson Plans on Race and Biology"
Africana Studies: "Markets in Border Security"
Neuroscience: "Neuro-Imaging, Ontology, and Governmentality"
Science and Technology Studies: "In Vitro Fertilization as Biocapital"
Ethnic Studies: "Epidemiological Approaches to Race and Cardiovascular Disease"
Human Biology: "Race and the Genetics of Aggression"

SERVICE

INTERNATIONAL SERVICE

Netherlands Organization for Scientific Research Reviewer, 2018-
Wellcome Trust, 2018-

NATIONAL SERVICE

Robert Wood Johnson Foundation Reviewer, 2017-
National Science Foundation Reviewer, 2015-

INTER-UNIVERSITY, UNIVERSITY, AND DEPARTMENT SERVICE

Co-Chair, UCSF Faculty Council of the School of Nursing, 2016-
Member, UC Critical Theory and Health Sciences Working Group, 2015-
Affiliate, UC Berkeley Center for Social Medicine, 2015-
Member, UCSF School of Nursing Research Committee, 2014-
Member, UC Center for New Racial Studies, 2013-
Chair and Program Leader, NIH Center for Transdisciplinary ELSI Research in Translational
Genomics Race, Ethnicity, Gender, and Genomics Working Group, 2013-
Selection Committee Member, Stanford University and UCSF Forsythe Dissertation Award
for Social Studies of Science, Technology and Health, 2013-
Chair and Program Leader, Brown University Program in Liberal Medical Education
Undergraduate Curriculum Redesign Committee, 2011-13

PROFESSIONAL ASSOCIATIONS MEMBERSHIP AND CONFERENCE SERVICE

American Sociological Association

Organizer and Chair, Thematic Session on Sociogenomics, 2017

Asian/Asian American Section

Medical Sociology Section

Elected Council Member, 2015-16

Race and Ethnic Minorities Section

Race, Class, and Gender Section

Science Knowledge and Technology Section

Elected Council Member, 2016-

Chair, Robert K. Merton Book Award Committee, 2018

Organizer, Roundtables, 2015

Organizer, Regular Sessions, 2014

Presider, Science Fields and Knowledge Flows, 2013

Member, Star-Nelkin Article Award Committee, 2012

Member, Robert K. Merton Book Award Committee, 2011

Organizer, Roundtables, 2010

Sex and Gender Section

American Anthropological Association

Science, Technology, and Medicine Working Group

Organizer, Tracing the Future, 2011

Association for Asian American Studies

Society for the Social Study of Science

Organizer and Chair, The Life Sciences in the Postgenomic Moment, 2011
Society for the Study of Social Problems

PUBLICATIONS SERVICE

Editorial Board *New Genetics and Society*, 2015-
Editorial Board *Qualitative Sociology*, 2014-

Manuscript Referee *American Behavioral Scientist*; *American Journal of Sociology*; *American Sociological Review*; *BMC Health Services Research*; *BioSocieties*; *Current Anthropology*; *Foucault Studies*; *International Journal of Technology, Knowledge & Society*; *Medical Anthropology*, *Medical Anthropology Quarterly*, *Minerva*; *New Genetics & Society*; *Polity Press*; *Qualitative Sociology*; *Science as Culture*; *Science, Technology & Human Values*; *Social Currents*; *Social Problems*, *Social Science & Medicine*, *Social Studies of Science*; *Sociology of Race and Ethnicity*, *Stanford University Press*; *University of California Press*, *University of Minnesota Press*

OTHER PROFESSIONAL SERVICE AND ACTIVITIES

Member, Human Genome Synthesis Project (HGP-write), 2016-
Chair, Using Genetics and Genealogy to Teach Evolution and Human Diversity Genealogy Group, 2012-
Member, Harvard Hutchins Center Genetics & Genealogy Working Group Curriculum Group, 2010-
Member, Harvard and MIT Race and Genomics Working Group, 2009-11
Chair and Organizer, Brown University How Scientists Think Lecture Series, 2011-12
Chair and Organizer, Brown University Race and Genomics Lecture Series, 2010-11
Fellow, Cogut Center for the Humanities Society of Fellows, 2009-11
Member, Pembroke Center for Teaching and Research on Women Society of Fellows 2009-
10