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CURRENT POSITION

UNIVERSITY OF WISCONSIN-MADISON AND MORGRIDGE INSTITUTE FOR RESEARCH

Professor of Law and Bioethics, University of Wisconsin, 2012 – present

Inaugural Bioethics Scholar-in-Residence, Morgridge Institute for Research, 2011 – present

Co-Director, Dual Degree Program in Law and Neuroscience, 2011 – present

Associate Professor of Law and Bioethics, 2006 – 2011

Program Faculty, Graduate Program in Population Health, 2004 – present

Assistant Professor of Law and Bioethics, 2000 – 2005

Faculty Associate, Center for the Study of Race and Ethnicity in Medicine, 2000 – 2002

Teaching:

Torts

Patent Law

Introduction to Intellectual Property

Law, Science & Biotechnology

Biotechnology Regulation

Clinical Ethics

Biotechnology Patent Law Seminar

Law and Medicine

Concepts of Race in Medicine

Service at the University of Wisconsin and the Morgridge Institute for Research:

University of Wisconsin Advisory Committee for the Office of Equity and Diversity,
2014 – present

Law School Tenure Committee, 2014 – present

Co-Director, UW Research Ethics Consultation Service, 2013 – present

Chair, Committee on Ethical, Legal, and Social Implications of Human Genome Research and Clinical Genomics, 2013 – present
Morgridge Conflicts of Interest Committee, 2013 – present
Law School, Clinical Appointments Committee, 2012 – 2014
UW Stem Cell Research Oversight Committee, 2010 – present
Law School Academic Planning Council, 2010 – 2013
Committee for the Five Year Review of the Law School Dean, 2010
Law School Appointments Committee, 2007 – 2011, 2013
Search committees for various faculty positions
in Medical History and Bioethics, 2004 – 2008
Law School Curriculum Committee, 2004 – 2005, 2008 – 2010 (chair 2009 – 2010)
Law School Research Committee, 2004, 2005, 2007 – 2008
Law School Retentions Committee, 2004 – 2005
Mentor, Chancellor's Scholar's Program, 2003 – present
Health Sciences Institutional Review Board, 2003 – present
UW Hospital Ethics Committee, 2003 – present
Law School Representative to the Faculty Senate, 2001 – 2003
Medical School Admissions Committee, 2000 – 2003
Hastie Fellows Committee, 2002 – 2005

BIOETHICS AND LAW PUBLICATIONS

Ossorio, P.N., *The Ethics of Translating High-Throughput Science Into Clinical Practice*, 44 HASTINGS CENTER REPORT 8 (2014) (forthcoming republication in: ETHICS OF EMERGING TECHNOLOGIES (A.L. Caplan and B. Parent eds., Ashgate, 2015)).

Fujimura et al., *The Reproduction of Biological Race Through Clinical Classes: A Response to Shiao*, 32 SOCIOLOGICAL THEORY 208 (2014).

Ossorio, P.N., *Repositories for Sharing Human Data in Stem Cell Research*, in REGENERATIVE MEDICINE ETHICS: GOVERNING RESEARCH AND KNOWLEDGE PRACTICES (Linda Hogle ed., Springer Press, 2014).

Ossorio, P.N. & Kelleher, J.P., *Why We Should Not Use the Affordable Care Act to Encourage Widespread Whole Genome Sequencing*, 39 JOURNAL OF HEALTH POLITICS, POLICY AND LAW 247 (2014). PMID: 24193611

Caulfield, T. et al., *Reflections on the Cost of "Low-Cost" Whole Genome Sequencing: Framing the Health Policy Debate*, 11 PLOS BIOLOGY. e1001699. Doi: 10.1371/journal.pbio.1001699 (2013). PMID: 24223516, PMCID: PMC3818164

Shapiro, R.B. & Ossorio, P.N., *Regulation of Online Social Network Research*, 339 SCIENCE 144 (2013). PMID:23307724

Shapiro, R.B. & Ossorio, P.N., *Ethics for Design-based Research on Online Social Networks*, 1 CSCL 422 (2013).

Ossorio, P.N., *Taking Aims Seriously: Repository Research and Limits on the Duty to Return Individual Research Findings*, 14 GENETICS IN MEDICINE 461 (2012). PMID: 22402758

Wolf, S.M. et al., *Managing Incidental Findings and Research Results in Genomic Research Involving Biobanks and Archived Datasets*, 14 GENETICS IN MEDICINE 361 (2012). PMID: 22436882, PMCID: PMC3597341

Ossorio, P.N., *Bodies of Data: Genomic Data and Bioscience Data Sharing*, 78 JOURNAL OF SOCIAL RESEARCH 907 (2011).

Ossorio, P.N., *Myth and Mystification: The Science of Race and IQ*, in RACE AND THE GENETIC REVOLUTION (Sheldon Krimsky ed., Columbia University Press, 2011).

Fujimura, J., Rajagopalan, R., Ossorio, P.N. & Docksum, K.A., *Race Versus Ancestry: Operationalizing Populations in Human Genetic Variation Studies*, in WHAT'S THE USE OF RACE: MODERN GOVERNANCE AND THE BIOLOGY OF DIFFERENCE (Ian Whitmarsh & David S. Jones eds., MIT Press, 2010).

Ossorio, P.N., *Race, Genes, and Intelligence*, 22 GENEWATCH 11 (2009). A longer version of the article is available at

<http://www.councilforresponsiblegenetics.org/Projects/CurrentProject.aspx?projectId=8>.

Lee, S.S., Bolnick, D.A., Duster, T., Ossorio, P.N. & TallBear, K., *The Illusive Gold Standard in Genetic Ancestry Testing*, 325 SCIENCE 38 (2009). PMID: 19574373

Bolnick, D.A. et al., *The Science and Business of Genetic Ancestry Testing*, 318 SCIENCE 399 (2007). PMID: 17947567

Ossorio, P.N., *The Human Genome As Common Heritage: Common Sense or Legal Nonsense?*, 35 JOURNAL OF LAW, MEDICINE & ETHICS 427 (2007). PMID: 17714252

Ossorio, P.N., *Letting the Gene Out of the Bottle? A Comment on Returning Individual Research Results to Participants*, 6 AMERICAN JOURNAL OF BIOETHICS 24 (2006). PMID: 17085399

Ossorio, P.N., *About Face: Forensic Genetic Profiling for Race and Visible Traits*, 34 JOURNAL OF LAW, MEDICINE & ETHICS 277 (2006). PMID: 16789949

Ossorio, P.N. & Duster, T., *Race and Genetics: Controversies in Biomedical, Behavioral, and Forensic Sciences*, 60 AMERICAN PSYCHOLOGIST 115 (2005). PMID: 15641926

Ossorio, P.N., *Race, Genetic Variation, and the Haplotype Mapping Project*, 41 LOUISIANA LAW REVIEW 131 (2005).

Ossorio, P.N., *Societal and Ethical Issues in Pharmacogenomics*, in PHARMACOGENOMICS: APPLICATIONS TO PATIENT CARE (Richard T. Scheife ed., AACP, 2004).

Ossorio, P.N., *Inheritable Genetic Modifications: Do We Owe Them To Our Children?*, in DESIGNING OUR DESCENDANTS (Mark Frankel & Audrey Chapman eds., AAAS, 2003).

Ossorio, P.N., *Property and Human Bodies*, in WHO OWNS LIFE (David Magnus, Arthur Caplan & Glenn McGee eds., Prometheus, 2002).

Ossorio, P.N., *Not Taking, Just Borrowing: Government Use of Patented Drugs*, 2 AMERICAN JOURNAL OF BIOETHICS 51 (2002). PMID: 12230861

Ossorio, P.N., *Legal and Ethical Issues in Biotechnology Patenting*, in A COMPANION TO GENETHICS: PHILOSOPHY AND THE GENETIC REVOLUTION (Justine Burley & John Harris eds., Oxford Press, 2002).

Ossorio, P.N., *Pills, Bills and Research Shills: Physician-Researchers' Conflicts of Interest*, 8 WIDENER LAW JOURNAL 76 (2001).

- Ossorio, P.N., *Product Liability for Predictive Genetic Tests*, 41 JURIMETRICS 239 (2001).
- Ossorio, P.N., *Prenatal Genetic Testing and the Courts*, in PRENATAL GENETIC TESTING (Eric Parens ed., 2000).
- Ossorio, P.N., *Health By Law: The Influence of Labor and Employment Law on Workers' Health*, 3 JOURNAL OF GENDER-SPECIFIC MEDICINE 45 (2000).
- Ossorio, P.N., *Dead Men Tell Tales: Disclosure of Genetic Information Discovered at Autopsy*, 11 SOCIETY OF PATHOLOGISTS REPORT 3 (2000).
- Ossorio, P.N., *Common Heritage Arguments and the Patenting of Human DNA*, in PERSPECTIVES ON GENETIC PATENTING: RELIGION, SCIENCE AND INDUSTRY IN DIALOGUE (Audrey Chapman ed., AAAS, 1999).
- Ossorio, P.N., *No Boys Allowed? Hiring Men into Ob-Gyn Practices*, 2 JOURNAL OF GENDER-SPECIFIC MEDICINE 34 (1999). PMID: 11252859
- Ossorio, P.N., *Ethics in Forensic Pathology*, 422 AMERICAN MEDICAL NEWS 6 (1999).
- Ossorio, P.N., *Breast Cancer Genetic Testing*, 394 AMERICAN MEDICAL NEWS 4 (1997).
- Asch, A. & Ossorio, P.N., *In Sickness and in Health... More Than Purgatory, Less Than Paradise?* (a review of the President Clinton's health care reform plan), 11 WOMEN'S REVIEW OF BOOKS 3 (1994).
- Ossorio, P.N., *Reflections on Health Care Reform*, Fall/Winter YALE MEDICINE 2(1994).
- Yesley, M.S. & Ossorio, P.N., ELSI BIBLIOGRAPHY (1994).
- Ossorio, P.N., *Eugenics, Human Genetics, and Human Failings* (book review), Summer DISABILITY STUDIES QUARTERLY 28 (1993).
- Ossorio, P.N. (in preparation, manuscript available on request) *Bioscience Governance: Data Sharing in Action*.
- Ossorio, P.N. (in preparation, manuscript available on request) *Genotype-driven research recruitment: When is it deception?*

COMMITTEE REPORTS AND COMMISSIONED PAPERS

INDUSTRIALIZING BIOLOGY: A ROADMAP TO ACCELERATE THE INDUSTRIAL MANUFACTURING OF CHEMICALS, Committee in Industrializing Biology, National Research Council (National Academies Press, forthcoming 2015).

PROPERTY AND INTELLECTUAL PROPERTY CONSIDERATIONS AFFECTING DISPOSITION OF THE ARMED FORCES INSTITUTE OF PATHOLOGY'S TISSUE REPOSITORY FOLLOWING ITS TRANSFER TO THE JOINT PATHOLOGY CENTER, Committee on the Appropriate Uses of AFIP's Tissue Repository Following its Transfer to the Joint Pathology Center, Institute of Medicine (National Academies Press, 2012).

2008 AMENDMENTS TO THE NATIONAL ACADEMIES' GUIDELINES FOR HUMAN EMBRYONIC STEM CELL RESEARCH, Human Embryonic Stem Cell Research Advisory Committee, National Research Council (National Academies Press, 2008).

2007 AMENDMENTS TO THE NATIONAL ACADEMIES' GUIDELINES FOR HUMAN EMBRYONIC STEM CELL RESEARCH, Human Embryonic Stem Cell Research Advisory Committee, National Research Council (National Academies Press, 2007).

A PATENT SYSTEM FOR 21ST CENTURY, Committee on Intellectual Property Rights in the Knowledge Based Economy, National Research Council (National Academies Press, 2004).

PATENTS IN THE KNOWLEDGE-BASED ECONOMY, Committee on Intellectual Property Rights in the Knowledge Based Economy, National Research Council (National Academies Press, 2003).

RESPONSIBLE RESEARCH: A SYSTEMS APPROACH TO PROTECTING RESEARCH PARTICIPANTS, Committee on Assessing the System for Protecting Human Research Subjects, Institute of Medicine (National Academies Press, 2002).

FULFILLING THE POTENTIAL OF CANCER PREVENTION AND EARLY DETECTION, National Cancer Policy Board, Institute of Medicine (National Academies Press, 2002).

MAMMOGRAPHY AND BEYOND: DEVELOPING TECHNOLOGIES FOR THE EARLY DETECTION OF BREAST CANCER, National Cancer Policy Board, Institute of Medicine (National Academies Press, 2001).

PRESERVING THE PUBLIC TRUST: ACCREDITATION AND HUMAN RESEARCH PARTICIPANT PROTECTION PROGRAMS, Committee on Assessing the System for Protecting Human Research Subjects, Institute of Medicine (National Academies Press, 2001).

IMPROVING PALLIATIVE CARE FOR CANCER, National Cancer Policy Board, Institute of Medicine (National Academies Press, 2001).

ENHANCING DATA SYSTEMS TO IMPROVE THE QUALITY OF CANCER CARE, National Cancer Policy Board, Institute of Medicine (National Academies Press, 2000).

SCIENTIFIC PUBLICATIONS

Khurana, E. *et al.*, *Integrative Annotation of Variants from 1092 Humans: Application to Cancer Genomics*, *Science* 342: Doi: 10.1126/science.1235587 (2013). PMID: 24092746 (Ossorio was a member of the 1000 Genomes Consortium, an author on this paper).

The 1000 Genomes Project Consortium, *An Integrated Map of Genetic Variation from 1092 Human Genomes*, *Nature* 491: 56-65 (2012). PMID: 23128226, PMCID: PMC3498066 (Ossorio was a member of the 1000 Genomes Consortium)

Clarke, L. *et al.*, *The 1000 Genomes Project: Data Management and Community Access*, *Nature Methods* 9: 459-462 (2012). PMID: 22543379, PMCID: PMC3340611 (Ossorio was a member of the 1000 Genomes Consortium, an author on this paper)

Marth, G.T. *et al.*, *The Functional Spectrum of Low-Frequency Coding Variation*, *Genome Biology* 12: R84 (2011). PMID: 21917140, PMCID: PMC3308047 (Ossorio was a member of the 1000 Genomes Consortium, an author on this paper)

Gravel, S. *et al.*, *Demographic History and Rare Allele Sharing Among Human Populations*, *Proceedings of the National Academy of Science* 108: 11983-11938 (2011). PMID: 21730125, PMCID: PMC3142009 (Ossorio was a member of the 1000 Genomes Consortium, an author on this paper)

Conrad, D.F. *et al.*, *Variation in Genome-Wide Mutation Rates Within and Between Human Families*, *Nat. Genet.* 43: 712-714 (2011). PMID: 21666693, PMCID: PMC3322360 (Ossorio was a member of the 1000 Genomes Consortium, an author on this paper)

Danecek, P. *et al.*, *The Variant Call Format and VCFtools*, *Bioinformatics* 27: 2156-2158 (2011). PMID: 21653522. PMCID: PMC3137218 (Ossorio was a member of the 1000 Genomes Consortium, an author on this paper)

Mills, R.E. *et al.*, *Mapping Copy Number Variation by Population-Scale Genome Sequencing*, *Nat.* 470: 59-65 (2011). PMID: 21293372, PMCID: PMC3077050 (Ossorio was a member of the 1000 Genomes Consortium, an author on this paper)

Sudmant, P.H. *et al.*, *Diversity of Human Copy Number Variation and Multicopy Genes*, *Sci.* 330: 641-646 (2010). PMID: 21030649, PMCID: PMC3020103 (Ossorio was a member of the 1000 Genomes Consortium, an author on this paper)

The 1000 Genomes Project Consortium, *A Map of Human Genome Variation from Population-Scale Sequencing*, *Nature* 467: 1061-1073 (2010). PMID: 20981092, PMCID: PMC3042601 (Ossorio was a member of the 1000 Genomes Consortium)

The International HapMap Consortium, *Integrating Ethics and Science in the International HapMap Project*, *Nature Reviews Genetics* 5: 467-475 (2004). PMID: 15153999, PMCID: PMC2271136 (Ossorio was a member of the International HapMap Consortium)

International HapMap Consortium, *The International HapMap Project*, *Nature* 426: 789-796 (2003). PMID: 14685227 (Ossorio was a member of the International HapMap Consortium)

Ossorio, P.N., Dubremetz, J.F. & Joiner, K.A., *A Soluble Secretory Protein of the Intracellular Parasite *Toxoplasma gondii* Associates with the Parasitophorous Vacuole Membrane through Hydrophobic Interactions*, *Journal of Biological Chemistry* 269: 15350-15357 (1994). PMID: 8195173

Joiner, K.A., Beckers, C.J.M., Bermudes, D., Ossorio, P.N., Schwab, C.J. & Dubremetz, J.F., *Structure and Function of the Parasitophorous Vacuole Membrane Surrounding *Toxoplasma gondii**, *Annals of the New York Academy of Science* 730: 1-6 (1994). PMID: 8080165

Ossorio, P.N., Schwartzman, J.D. & Boothroyd, J.C., *A *Toxoplasma gondii* Rhoptry Protein Associated with Host Cell Penetration Has Unusual Charge Asymmetry*, *Molecular Biochemical Parasitology* 50: 1-16 (1992). PMID: 1542304

Ossorio, P.N., Sibley, L.D. & Boothroyd, J.C., *Mitochondrial-like DNA Sequences Flanked by Direct and Inverted Repeats in the Nuclear Genome of *Toxoplasma gondii**, *Journal of Molecular Biology* 222: 525-536 (1991). PMID: 1660924

Ossorio, P.N., (doctoral dissertation) *CHARACTERIZATION OF A RHOPTRY PROTEIN GENE IN *TOXOPLASMA*, AND THE DISCOVERY OF MITOCHONDRIAL-LIKE SEQUENCES IN ITS NUCLEAR GENOME* (Stanford University Press, 1990).

Boothroyd, J.C., Burg, J.L., Nagel, S.D., Ossorio, P.N., Perelman, D., Kasper, L.H., Ware, P.L., Prince, J., Sharma, S. & Remington, J., *Antigen and Tubulin Genes of *Toxoplasma gondii*, in MOLECULAR STRATEGIES OF PARASITIC INVASION, UCLA SYMPOSIUM ON MOLECULAR & CELLULAR BIOLOGY, VOL. 42* (Agabain, N., Goodman, H & Noguiera, N. eds., 1987).

PRIOR EMPLOYMENT

BERKELEY LAW (BOALT HALL), UNIVERSITY OF CALIFORNIA, Berkeley, CA
Visiting Professor of Law, 2006

UNIVERSITY OF CHICAGO SCHOOL OF LAW, Chicago, IL
Adjunct Professor of Law, 1998 – 1999

AMERICAN MEDICAL ASSOCIATION, Chicago, IL
Director, Genetics Section, Institute for Ethics, 1997 – 2000

MORRISON AND FOERSTER, LLP, Palo Alto, CA
Summer Associate, Student Law Clerk, then Associate, 1996 – 1997

PILLSBURY MADISON & SUTRO, San Francisco, CA
Summer Associate, June – Sept. 1995, Aug. 1996

WHITE HOUSE, Washington, DC
Special Government Employee working on health care reform with the Bioethics Working Group, 1993

EDUCATION AND TRAINING

UNIVERSITY OF CALIFORNIA AT BERKELEY SCHOOL OF LAW, J.D. **1997**
Elected to Order of the Coif in 1997
Articles Editor, Berkeley Technology Law Journal, 1996 – 1997
Elected student representative to the appointments committee, 1995 – 1997
Research Assistant for professor Robert Merges, 1995 – 1996
Jurisprudence Awards (highest grade in class) in Critical Race Theory; Substantive Legal Theory; Rights, Justice & Utility in Liberal Theory
Prosser Awards (second highest grade in class) in Patent Law and Policy; Legal Ethics
Commendation in Moot Court

YALE UNIVERSITY SCHOOL OF MEDICINE, Post Doctoral Fellowship **1990 – 1993**
Identified and characterized a parasitophorous vacuole membrane protein of the parasite *Toxoplasma gondii*
Trained medical fellows, medical students, and graduate students
Supervised two technicians
Successfully obtained three competitive grants

STANFORD UNIVERSITY
Ph.D., Microbiology and Immunology **1990**
B.S., Biology **1983**

Ph.D. thesis examined molecular mechanisms of host cell invasion employed by the eukaryotic parasite *Toxoplasma gondii*

Predocctoral National Research Service Award, 1988 – 1990

Qualified for Ph.D. with exams in bacterial genetics, bacterial physiology, medical microbiology, virology, and immunology

Student representative to the appointments committee in Microbiology and Immunology, 1988 – 1989

Student representative to the graduate school diversity committee, 1986 – 1989

Rape Prevention Education Project, treasurer 1980 – 1982

PROFESSIONAL ACTIVITIES—SELECTED ADVISORY COMMITTEES AND WORKING GROUPS

Committee on Industrialization of Biology: A Roadmap to Accelerate Advanced Manufacturing of Chemicals, a committee of the Board on Chemical Sciences and Technology and the Board on the Life Sciences, National Research Council	2014 – cont.
State of Wisconsin Umbrella Committee on Newborn Screening, Advisory to the State Dept. of Public Health	2014 – cont.
Secretary’s Advisory Committee on Human Research Protections, an HHS Appointment	2012 – 2016
Working Group on the Federal Regulation of Probiotics (Diane Hoffman, PI), U. of MD Law School	2011 – 2012
Working Group on Returning Research Results and Incidental Findings (Susan Wolf, PI), U. MN Law School	2010 – present
Gene-Environment Interaction Project (Alexandra Shields, PI), Harvard University	2010 – 2012
International Advisory Committee to the Human Microbiome Project, National Institutes of Health (NIH)	2009 – 2012
Translating Addiction Genomics Research into Practice: Ethics and Policy (Barbara Koenig and Jennifer McCormick, PIs), Mayo Clinic	2009 – 2012
National Advisory Council for Human Genome Research, an HHS Appointment	2008 – 2011
Medical Sequencing Advisory Committee, National Human Genome Research Institute (NHGRI)	2008 – 2011
Working Group on Genetics Research in Indigenous Communities (Rebecca Tsosie and Kimberley Tallbear, PIs), ASU Law School	2008 – 2010
Working Group on Forensic Genetics (Pamela Sankar, PI), University of Pennsylvania	2008 – 2010
ELSI Assessment Committee (EAP) for the NHGRI: conducted a comprehensive evaluation of the program on the Ethical, Legal and Social Implications of the Human Genome Project (ELSI), and advised the Director on possible changes to the program	2007 – 2008
Steering Committee and Samples and ELSI Subcommittee	2007 – 2013

of the 1000 Genomes Project, an international project to sequence the entire genomes of approximately 1500 people	
Informed Consent Advisory Committee (Chair) and Umbrella Protocol Advisory Committee, Human Microbiome Project, NIH	2007
Human Embryonic Stem Cell Research Advisory Committee, a committee of the Board on Life Sciences and the Board on Health and Science Policy of the National Academy of Sciences	2006 – 2009
Technical Advisory Group for the Genetic Association Information Network of the Foundation for the National Institutes of Health	2006
Study Section (grant proposal review) for Ethical, Legal and Social (ELS) Implications of Human Genetics, National Institutes of Health	2006 – 2008
Toward a Comprehensive Genomic Analysis of Cancer: A Roundtable and Workshop (conference chair and speaker), National Cancer Institute and NHGRI	2005
Workshop on the Future of the NHGRI Large-Scale Sequencing Program	2005, 2008, 2009
Workshop on Whole-Genome DNA Sequencing, NHGRI	2005
International Advisory Committee, Center for Excellence in Ethics Research, Case Western Reserve University. Cleveland, OH	2004 – 2010
Advisory board for the National Center for Bioethics. Tuskegee, AL	2003 – 2007
Advisory board for “New Definitions of Merit,” a project on law school admissions criteria, Berkeley Law. Berkeley, CA	2003 – 2009
Advisor to the National Library of Medicine, Bioethics Working Group	2003 – 2004
Lasker Foundation Forum on Ethical Issues in Biomedical Research and Practice	2003
Advisory Committee for the Latino Community Engagement Project (Amelie Raimerez, PI), Baylor University	2002 – 2004
Advisory committee for the Food and Drug Administration, Center for Devices and Radiological Health (CDER)	2002 – 2004
Working Group for Research on Human Germline Genetic Interventions (Rebecca Dresser, PI), Washington University. St. Louis, MO	2002 – 2004
Working Group on Equity in Newborn Screening, a joint project of the Hastings Center for Bioethics and the Health Services Research Administration (HRSA)	2002 – 2003
Liaison to the Committee on Intellectual Property Rights, National Research Council, National Academy of Sciences	2000 – 2003
Liaison to the Committee on Assessing the System for Protecting Human Research Subjects, Institute of Medicine, National Academy of Sciences	2000 – 2002
National Cancer Policy Board, Institute of Medicine, National Academy of Sciences	1999 – 2002
Co-chair, Working Group on Germ-line Genetic Intervention, American Association for the Advancement of Science (AAAS)	1998 – 2000

EXPERT WORK

Consulted on the regulation of human subjects research for the Havasupai Tribe in its litigation against the Arizona Board of Regents. Wrote briefs, participated in mediation, and prepared an opinion letter for settlement negotiations. 2005 – 2010.

SELECTED OTHER PROFESSIONAL AND PUBLIC EDUCATION ACTIVITIES

Consulting on the development and implementation of human subjects research regulations for the Hopi Tribe of Arizona	2010 – present
Member, site visit team for Centers for Excellence in Genome Ethics	2007
Editorial Board, American Journal of Bioethics	2002 – 2009
Adviser and interviewee for the PBS television series <i>Race—The Power of an Illusion</i> , produced by California Newsreel productions, Christine Herbes-Sommers, program producer, and Larry Adelman, executive producer	2001 – 2004
Adviser for the DNAFiles radio series produced by SoundVision Productions (winner of the 2000 Dupont Award, 2001 Peabody Award, 2002 Robert Wood Johnson Award for outstanding reporting in health and medicine, and the 2002 AAAS Pinnacle of Excellence Award for science reporting), Bari Scott, executive producer	1998 – 2003, & 2009 – 2011

AWARDS AND HONORS, 2000 AND LATER

FEDERAL GRANTS, PI OR CO-PI

Data Release: Ethical and Governance Issues, NIH Award # R03HG005776, 2009 – 2012

Exploring Concepts of Population in Human Genetic Variation Studies, NSF Award # SES-0621022 (co-PI with Joan Fujimura), 2006 – 2008

Community Consultation as an Ethics Method, NIH R01 Award #R01HG3042, 2003 – 2005

Short Course on Race and Ethnicity in Biomedical Research, (co-PI with Mark Frankel at AAAS), 1999 – 2002

HONORS

Appointed by the Secretary of Health and Human Services to the Secretary's Advisory Committee on Human Research Protections, 2012 – 2016

Distinguished Academic Alumni Award from Stanford University, 2010

Appointed by the Secretary of Health and Human Services to the National Advisory Council for Human Genome Research, 2008 – 2011

Elected to national office in AAAS as Member-at-Large representing the Section on Societal Impacts of Science and Engineering, 2001 – 2004

Elected to national office in AAAS as a member of the Electorate Nominating Committee, 1998 – 2001

Elected fellow of the AAAS, 2000