

Pilar Nicole Ossorio, Ph.D., JD

University of Wisconsin Law School
975 Bascom Mall, rm. 9103
Madison, WI 53706-1399

phone: (608) 263 – 4387
pnossorio@wisc.edu

Morgridge Institute for Research
330 N. Orchard St
Madison, WI 53715

phone: (608) 334 – 6104
possorio@morgridgeinstitute.org

CURRENT POSITION

Professor of Law and Bioethics, University of Wisconsin (appointments in the Law School and the Department of Medical History and Bioethics in the School of Medicine and Public Health)

Bioethics Investigator and Program Lead at the Morgridge Institute for Research (a non-profit biomedical research institute associated with the University of Wisconsin)

UNIVERSITY OF WISCONSIN-MADISON AND MORGRIDGE INSTITUTE FOR RESEARCH

Trainer, Computation and Informatics in Biology and Medicine (CIBM) training program, 2017 – present

Research Ethics Consultation Service, Co-Director 2013 – 2018, Director 2018 - present

Trainer, Neuroscience Training Program, 2012 – present

Investigator and Bioethics Program Lead, Morgridge Institute for Research, 2017 - present

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

Inaugural Bioethics Scholar-in-Residence, Morgridge Institute for Research, 2011 – 2017

Associate Professor of Law and Bioethics, 2006 – 2012

Program Faculty, Graduate Program in Population Health, 2004 – 2024

Assistant Professor of Law and Bioethics, 2000 – 2006

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

Teaching:

Torts

Biotechnology Regulation and Ethics

Research Ethics for Data Scientists

Patent Law

Law, Science & Biotechnology

Clinical Ethics

Concepts of Race in Medicine

Introduction to Intellectual Property
Law and Medicine
Biotechnology Patent Law Seminar

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

Chair, Search committee for a new bioethics faculty member at the Morgridge Institute for Research and the SMPH Dept of Medical History and Bioethics, 2025 – 2026
(successfully hired Assistant Prof. Quinn Waeiss).

Search and Screen Committee for the Vice Provost for Academic Affairs/Chief Data Officer for the University of Wisconsin-Madison, 2022 - 2023

School of Medicine and Public Health, Clinical AI and Predictive Analytics Committee (CAIPA), 2021 – present

School of Medicine and Public Health, Basic Sciences Strategic Leadership Committee, 2020 – 2023

Chair, Search Committee for a new bioethics faculty member and Morgridge Investigator, 2021 – 2022

Law School Academic Affairs Committee, 2022 - 2023

Law School Clinical Hiring and Promotions Committee, 2021 – 2022

Law School Graduate Programs Committee, 2017 – 2018; 2020 - 2021

University of Wisconsin, Committee on Faculty Rights and Responsibilities (elected university-wide position), 2016 - 2019

School of Medicine and Public Health, Basic Science Strategic Plan Implementation Committee, 2017 – 2021

Produces a research ethics cartooning competition, 2017 – 2023

Law School Admissions and Financial Aid Committee, 2016 – 2018

Law School Student Petitions Committee, 2016 - 2018

School of Medicine and Public Health, Genomics Task Force, 2016 – 2017

School of Medicine and Public Health, Search Committee for the Associate Dean for Basic Research, 2016 - 2017

School of Medicine and Public Health, Strategic Plan Implementation Committee, 2015 - 2017

University of Wisconsin Advisory Committee for the Office of Equity and Diversity, 2014 – 2016

Law School Tenure and Promotions Committee, 2014 – 2016, 2019 - 2020

Chair, Committee on Ethical, Legal, and Social Implications of Human Genome Research and Clinical Genomics, 2013 – 2016

Morgridge Conflicts of Interest Committee, 2013 – present

Law School, Clinical Appointments Committee, 2012 – 2015

UW Stem Cell Research Oversight Committee, 2010 – present

Law School Academic Planning Council, 2010 – 2013
University of Wisconsin’s Committee for the Five-Year Review
of the Law School Dean, 2010
Law School Appointments Committee, 2007 – 2011, 2013 – 2014
Search committee for various positions, department of Medical History and Bioethics,
2004 – 2008; 2021
School of Medicine and Public Health, search committee for Chair of the Dept. of
Medicine, 2005 - 2006
Law School Curriculum Committee, 2004 – 2005, 2008 – 2010 (chair 2009 – 2010),
2015 - 2016
Law School Research Committee, 2004, 2005, 2007 – 2008
Law School Retentions Committee, 2004 – 2005
Mentor, Chancellor’s Scholar’s Program, 2003 – 2015
Health Sciences Institutional Review Board, 2003 – 2014
UW Hospital Ethics Committee, 2003 – 2010
Law School Representative to the Faculty Senate, 2001 – 2003; alternate 2019 - 2020
Medical School Admissions Committee, 2000 – 2003
Hastie Fellows Committee, 2002 – 2005

LAW AND BIOETHICS PUBLICATIONS (PEER-REVIEWED ARTICLES, PEER-REVIEWED BOOK CHAPTERS, AND LAW REVIEW ARTICLES)

Work submitted to peer-reviewed journals:

Ossorio, P.N., Certificates of Confidentiality in Pediatrics Research, submitted to *JAMA Pediatrics* in August of 2026; currently out for review.

Published work

Sanjuan, P., Poehlmann, J., **Ossorio, P.** (2026), Mid-study Inclusion of Non-Incarcerated Participants Who Meet the Definition of a “Prisoner” Under 45 CFR 46 Subpart C, *Am. J. Bioethics*, 26(4): 92 – 94.

Poehlmann, J., Johnson, E., **Ossorio, P.**, Highsmith, K., Harden, B.J., Terplan, M., Sanjuan, P., McKelvey, L., Coles, C.D., Chaiyachati, B.H., Walker, P., Schlafer, R., Pritzl, K., Krishnan, C.A., Avrill, S., Das, S., Torres Gomez, S.T., Hilliard, F., Ganon, B., Thomson, W.K. (2026), Retaining Infants and Young Children Who Experience Transitions in Care in Longitudinal Studies of Child Health and Development: Considerations from the HEALthy Brain and Child Development Study, *Infant Mental Health Journal* 47:e70057, <https://doi.org/10.1002/imhj.70057>.

Nicholas Prestayko, **Pilar Ossorio**, Abbey Fisher, Nikhil Menon, Danielle Symons Downs, Lea G. Yearby, Aleksandra E. Zgierska (2025), Presence of Institutional Guidance on Research-Related Transportation Could Help Reduce Barriers to and Disparities in Research Engagement,

Journal of Clinical and Translational Science, early online publication Doi: 10.1017/cts.2025.10052 at <https://www.cambridge.org/core/journals/journal-of-clinical-and-translational-science/article/presence-of-institutional-guidance-on-researchrelated-transportation-could-help-reduce-barriers-to-and-disparities-in-research-engagement/2BFA515930C261FE48DD92B535E59BEE>.

Kingsley J, Andraka-Christou B, Shah SK, Spicer P, Newman S, **Ossorio PN** (2024), Navigating ethical and legal challenges in the HEALthy Brain and Child Development Study: Lessons learned from the ethics, law, policy working group, *Developmental Cognitive Neuroscience*, 70:101460, doi:10.1016/j.dcn.2024.101460.

Matthew S. McCoy, M.S.; Allen, A.L.; Kopp, K.; Mello, M. M.; Patil, D.J.; **Ossorio, P. N.**; Joffe, S.; and Emanuel, E.J. (2023), Ethical Responsibilities for Companies that Process Personal Data, *American Journal of Bioethics*, 23: 11-23.

Bolledulla, J., Perkins, A., Simeon, D., Anderson, S., Sheilds, L., Mullings, J., **Ossorio, P.**, Bethelmey, A. (2022), No Person Left Behind: Mapping the Health Policy Landscape for Genomics Research in the Caribbean, *Lancet Regional Health*, 15: 100367.

Hilliard, F., Goldstein, E.M., Nervik, K., Croes, K., **Ossorio, P.N.**, Zgierska, A. (2022), Voices of Women with Lived Experience of Substance Use During Pregnancy: A Qualitative Study of Motivators and Barriers to Recruitment and Retention in Research, *Family and Community Health*, 46(1): 1 - 12.

Goldstein E.M., Nervik K., Hagen S., Hilliard F., Turnquist A., Bakhrieva L.N., McDonald R., **Ossorio P.N.**, Lo J., Zgierska A.E. (2021), A Socioecological Framework for Engaging Pregnant Substance-Using Women in Research: Multi-Stakeholder Perspectives, *Neurotoxicology and Teratology*, 87: 106997.

Ossorio P.N., Polygenic Risk in a Diverse World, in Jones, K.M., Cook-Deegan, R., Rotimi, C.N., Callier, S.L., Bently, A.R., Stevens, H., Philips, K.A., Jansen, J.P., Weyant, C.F., Roberts, D.E., Zielinski, D., Erlich, Y., Garrison, N.A., Carroll, S.R., Ossorio, P.N., Moreau, Y., Wang, M. (2021), Complicated Legacies: The Human Genome at 20, *Science* 371: 564 – 569.

Bakhrieva L.N., Nebeker C., **Ossorio P.**, Angal J., Thomason M.E., Croff J.M. (2020), Inclusion of Native Americans and Alaska Natives in Large National Studies: Ethical Considerations and Implications for Biospecimen Collection in the HEALthy Brain and Child Development Study, *Adversity and Resilience Science* 1: 285 - 294.

Wolf S.M., **Ossorio P.N.**, Berry S.A., Greely H.T., McGuire A.L., Penny M.A., Terry S.F., for the LawSeq™ Framework Task Force (2020), Integrating Rules for Genomic Research, Clinical Care, Public Health & DTC Testing: Creating Translational Law for Translational Genomics, *Journal of Law, Medicine and Ethics* 48(1): 69 - 86.

B. Evans B., Javitt G., Hall R., Robertson M., **Ossorio P.**, Wolf S.M., Morgan T., Clayton E.W. for the LawSeq Quality Working Group (2020), How Can Law and Policy Advance Quality in Genomic Analysis and Interpretation for Clinical Care, *Journal of Law, Medicine and Ethics* 48: 44 – 68.

Ossorio, P.N. & Zhou, Y. (2020), FMT and Microbial Medical Products: Generating High-Quality Evidence through Good Governance, *Journal of Law, Medicine and Ethics* 47: 505 - 523.

Wiens J., Saria S., Sendak M., Ghassemi M., Liu V., Finale D., Jung K., Heller K., Kale D., Caruana R., Saeed J., **Ossorio P.** (2019), Thadaneys-Israeli S., Goldenberg A., Do No Harm – A Roadmap for Responsible Machine Learning for Healthcare, *Nature Medicine* 25:1337 – 1340, at <https://doi.org/10.1038/s41591-019-0548-6>.

Ossorio P.N. & Zhou Y. (2019), Regulating Stool for Microbiota Transplantation, *Gut Microbes* 10: 105 - 108.

Evans B.A. & **Ossorio P.N.** (2018), The Challenge of Regulating Clinical Decision Support Software After 21st Century Cures, *Journal of Law, Medicine and Ethics* 44: 237 – 251, available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3142822.

Das T., Saha K., and **Ossorio P.N.** (2018), Fairness in Manufacturing Cellular Therapies, *American Journal of Bioethics*, 18: 68 - 70.

Ossorio P.N. & Mailick M.R. (2017), Genotype-Driven Research Recruitment Without Deception, *American Journal of Bioethics* 17: 60 - 61.

Ossorio P.N. (2014), The Ethics of Translating High-Throughput Science Into Clinical Practice, *Hastings Center Report* 44: 8 - 11 (re-published in: *The ETHICAL CHALLENGES OF EMERGING MEDICAL TECHNOLOGIES*, eds. A.L. Caplan and B. Parent, Ashgate, 2016).

Fujimura J.H., Bolnick, D.A., Rajagopalan R., Kaufman J.S., Lewontin R.C., Duster T., **Ossorio P.**, Marks J. (2014), Clines Without Classes: How to Make Sense of Human Variation, *Sociological Theory* 32 (3): 208 - 227.

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. (2014), Why We Should Not Use the Affordable Care Act to Encourage Widespread Whole Genome Sequencing, *Journal of Health Politics, Policy and Law* 39: 247 - 258. PMID: 24193611

Caulfield T., Evans J., McGuire A., McCabe C., Bubela T., Cook-Deegan R., Fishman J., Hogarth S., Miller F.A., Ravitsky V., Biesecker B., Borry P., Cho M.K., Carroll J.C., Etchegary H., Joly Y., Kato K., Lee S.S.-J., Rothenberg K., Sankar, P., **Ossorio P.**, Pullman D., Rousseau, F., Ungar W.J., Wilson B. (2013), Reflections on the Cost of “Low-Cost” Whole Genome Sequencing: Framing the Health Policy Debate, *PLoS Biology* 11:e1001699. Doi: 10.1371/journal.pbio.1001699. PMID: 24223516, PMCID: PMC3818164

Shapiro R.B. & **Ossorio P.N.** (2013), Regulation of Online Social Network Studies, *Science* 339: 144 - 146. PMID:23307724

Shapiro R.B. & **Ossorio P.N.** (2013), Ethics for Design-based Research in Online Social Networks, *CSCS Proceedings* 1: 422 - 426.

Ossorio P.N. (2012), Taking Aims Seriously: Repository Research and Limits on the Duty to Return Individual Research Findings, *Genetics in Medicine* 14: 461 - 466. PMID: 22402758; PMCID 3940279

Wolf S.M. *et al.* (2012), Managing Incidental Findings and Research Results in Genomic Research Involving Biobanks and Archived Datasets, *Genetics in Medicine* 14: 361 - 384. PMID: 22436882, PMCID: PMC3597341

Ossorio P.N. (2012), Bodies of Data: Genomic Data and Bioscience Data Sharing, *Journal of Social Research* 78: 907 - 932 (2011). PMID: PMC3984581

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

Fujimura J., Rajagopalan R., **Ossorio P.N.** & Docksum K.A., Race and 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).

Lee S.S., Bolnick D.A., Duster T., **Ossorio P.N.** & TallBear K. (2009), The Illusive Gold Standard in Genetic Ancestry Testing, *Science* 325: 38 - 39. PMID: 19574373

Bolnick D.A. Fullwiley D., Duster T., Cooper R.S., Fujimura J.H., Kahn J., Kaufman J.S., Marks J., Morning A., Nelson A., **Ossorio P.**, Reardon J., Reverby S.M., Tallbear K. (2007), The Science and Business of Genetic Ancestry Testing, *Science* 318: 399 - 400. PMID: 17947567

Ossorio P.N. (2007), The Human Genome As Common Heritage: Common Sense or Legal Nonsense?, *Journal of Law, Medicine & Ethics* 35: 425 - 439. PMID: 17714252

Ossorio P.N. (2006), Letting the Gene Out of the Bottle? A Comment on Returning Individual Research Results to Participants, *American Journal of Bioethics* 6: 24 - 25. PMID: 17085399

Ossorio P.N. (2006), About Face: Forensic Genetic Profiling for Race and Visible Traits, *Journal of Law, Medicine & Ethics* 34(2): 277 - 292. PMID: 16789949

Ossorio P.N. & Duster, T. (2005), Race and Genetics: Controversies in Biomedical, Behavioral, and Forensic Sciences, *American Psychologist* 60: 115 - 128. PMID: 15641926

Ossorio P.N. (2005), Race, Genetic Variation, and the Haplotype Mapping Project, *Louisiana Law Review* 41: 131 - 144.

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), peer-reviewed book chapter.

Ossorio P.N. (2002), Not Taking, Just Borrowing: Government Use of Patented Drugs, *American Journal of Bioethics* 2: 51 - 52. 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. (2001), Pills, Bills, and Research Shills: Physician-Researchers' Conflicts of Interest, *Widener Law Journal* 8: 76 - 92.

Ossorio P.N. (2001) Product Liability for Predictive Genetic Tests, *Jurimetrics* 41: 239 - 260.

Ossorio P.N., Prenatal Genetic Testing and the Courts, in PRENATAL GENETIC TESTING (Eric Parens ed., 2000).

- Ossorio P.N.** (2000), Health By Law: The Influence of Labor and Employment Law on Workers' Health, *Journal of Gender-Specific Medicine* 3: 45 - 49.
- Ossorio P.N.** (2000), Dead Men Tell Tales: Disclosure of Genetic Information Discovered at Autopsy, *Society of Pathologists Report* 11: 3 - 5.
- 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.** (1999), No Boys Allowed? Hiring Men into Ob-Gyn Practices, *Journal of Gender-Specific Medicine* 2: 34 - 40. PMID: 11252859
- Ossorio P.N.** (1999), Ethics in Forensic Pathology, *American Medical News* 422: 6 - 8.
- Ossorio P.N.** (1998), Breast Cancer Genetic Testing, *American Medical News* 394: 4 - 5.
- Asch A. & **Ossorio P.N.** (1997), In Sickness and in Health... More Than Purgatory, Less Than Paradise? (a review of the President Clinton's health care reform plan), *Women's Review of Books* 11: 3 - 7.
- Yesley M.S. & **Ossorio P.N.**, ELSI BIBLIOGRAPHY (1994).
- Ossorio P.N.** (1993), Eugenics, Human Genetics, and Human Failings (book review), *Disability Studies Quarterly*, Summer: 28 - 30.

COMMITTEE REPORTS

DATA SCIENCE AND EMERGING TECHNOLOGY IN BIOMEDICAL SCIENCE: RESEARCH REPORT, Novel and Exceptional Technology Research Advisory Committee, National Institutes of Health, Sept. 2023, available at <https://osp.od.nih.gov/wp-content/uploads/2023/09/NExTRAC-Report-on-Data-Science-and-Emerging-Technology.pdf>.

INDUSTRIALIZATION OF BIOLOGY: A ROADMAP TO ACCELERATE THE INDUSTRIAL MANUFACTURING OF CHEMICALS, Committee on Industrializing Biology, National Research Council (National Academies Press, 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 THE 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).

BIOSCIENCE PUBLICATIONS

Work submitted to peer-reviewed journals:

Lucas, Julian K., Hebbar, P., Liao, Wen Wei et al., HPRC2: A Human Pangenome Reference with Near-Complete Coverage of Common Genetic Variation, submitted to *Nature* in August of 2026 and currently out for review (this paper has over 100 authors, of which Dr. Ossorio is one. She drafted the ethics sections of the paper).

Shah, L., Planalp, E.M., McDonald, R., Regner, C.J., Atluru, S., Alexander, A.L., **Ossorio, P.N.**, Poehlmann, J., Dean, D.C., Associations of Prenatal Cannabis Exposure and Neonatal Brain Development in the HBCD Cohort, revised and resubmitted in Aug. 2026, to *Biological Psychiatry*; preprint available at medRxiv, <https://pubmed.ncbi.nlm.nih.gov/41822696/>.

Published work:

The 1000 Genomes Project Consortium, *A Global Reference for Human Genetic Variation*, *Nature*, 526: 68 – 74 (2015). PMID: 26432245 (**Ossorio** was a member of the 1000 Genomes Consortium)

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)

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, UNIVERSITY OF CALIFORNIA, Berkeley, CA
Visiting Professor of Law, 2006

UNIVERSITY OF CHICAGO SCHOOL OF LAW, Chicago, IL
Adjunct Professor of Law, 1998 – 2000

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

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

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

UNITED STATES DEPARTMENT OF ENERGY, Los Alamos, NM

Bioethics Research Associate, Program on Ethical, Legal, and Social Implications (ELSI) of the Human Genome Project, staff to the ELSI joint working group (coordinating research at the National Institutes of Health and the Department of Energy)
January 1994 – August 1994

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

EXPERT WORK

Expert on 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.

EDUCATION AND TRAINING

UNIVERSITY OF CALIFORNIA AT BERKELEY SCHOOL OF LAW, J.D. **1997**

Elected to Order of the Coif (legal honor society, lifetime membership), 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): Critical Race Theory; Substantive Legal Theory; Rights, Justice & Utility in Liberal Theory

Prosser Awards (second highest grade in class): Torts; Patent Law and Policy; Legal Ethics

Commendation in Moot Court

YALE UNIVERSITY SCHOOL OF MEDICINE, Postdoctoral 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

SELECTED PROFESSIONAL ACTIVITIES – ADVISORY COMMITTEES AND WORKING GROUPS

External Advisory Committee, Data Science Institute, Brown University	2025 – cont.
Editorial Committee; Ethics, Law, and Policy Editor; Annual Review of Genomics and Human Genetics	2023 – cont.
External Scientific Board member, NIH’s Environmental Influences on Child Health Outcomes (ECHO)	2022 – cont.
Center for ELSI Resources and Analysis (CERA) Advisory Committee	2021 – 2023
External Ethics Advisor, Data Collective Board for NIH’s Helping End Addiction Long-term initiative (HEAL)	2021 – cont.
Novel and Exceptional Technologies and Research Advisory Committee (NExTRAC), (an HHS appointment); co-chair (with Sachin Kheterpal) of the NExTRAC working group on Data Science and Emerging Technology in Biomedical Science (report approved by NExTRAC in August of 2023)	2019 – 2024
External Scientific Advisory Board, RADx™ Radical program and Data Coordinating Center (MPIs Ohno-Machado (UCSD), Spencer (UCSD), and Xu (UT))	2020 – 2023.
External Expert Panel (EEP) for the NIH’s Kidney Precision Medicine Initiative (KPMP)	2019 – 2022
Scientific Advisory Board, SUNY Upstate Medical University in Syracuse	2017 - 2019
Board of Reviewing Editors, Science _{AAAS}	2016 – cont.
Working Group Member and Legal Frameworks Taskforce Leader for LawSeq™: Building a Sound Legal Framework for Translating Genomics to Clinical Applications	2016 - 2020
Ethics Committee, American Society for Gene & Cell Therapy	2016 – 2021
Ethics Committee, American Association of Anthropological Genetics	2015 – 2018
National Heart, Lung, and Blood Advisory Council, an HHS appointment	2015 – 2018
Organizing Committee Member, International Summit on Human Gene Editing, a National Academies of Sciences, Engineering, and Medicine Committee	2015
Committee on Industrialization of Biology: A Roadmap to Accelerate Advanced Manufacturing of Chemicals, a committee of the Board on	2014 – 2015

Chemical Sciences and Technology and the Board on the Life Sciences, National Research Council, NASEM	
State of Wisconsin Umbrella Committee on Newborn Screening, Advisory to the State Dept. of Public Health; Working Group on Research with Newborn Blood Spots, 2022 – cont.	2014 – cont.
Secretary’s Advisory Committee on Human Research Protections (SACHRP), 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 – 2012
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
Working Group on 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 of the 1000 Genomes Project, an international project to sequence the whole genomes of approximately 1500 people	2007 – 2014
Member, site visit team for Centers for Excellence in Genome Ethics	2007
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
Editorial Board, American Journal of Bioethics	2002 – 2006
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

SELECTED OTHER EDUCATIONAL AND PUBLIC ENGAGEMENT ACTIVITIES

Consulted on development of the Smithsonian’s public materials on “Race Medicine” and was an on-screen personality in one video	2021
Organizer and faculty for the Summer Internship for Indigenous Peoples in Genomics (SING)	2013 – cont.
Consulted on the development and implementation of human subjects research oversight processes and regulations for the Hopi Tribe	2010 – 2013

Advisor and on-screen 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
Advisor 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

SELECTED AWARDS AND HONORS

Chen K. Chai Memorial Lecture, Jackson Laboratories, 2025

Appointed by the Secretary of Health and Human Services to the Novel and Exceptional Technologies and Research Advisory Committee for NIH (an HHS Appointment, 2019 - present)

Appointed by the Secretary of Health and Human Services to the National Heart, Lung, and Blood Advisory Council, 2015 - 2019

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 the American Association for the Advancement of Science (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 AAAS, 2000

CURRENT AND RECENT GRANT FUNDING

1 U01DA055370-01 21/24, Healthy Brain and Child Development National Consortium (PIs Dean and Poehlmann) 09/2021 – 08/2026

The goal of this project is to recruit pregnant participants into a study that will follow their pregnancies and then undertake developmental assessments of the later-born children. Ossorio is responsible for identifying and addressing legal and ethical issues at the UW site.

1 U24 DA055325-01 Healthy Brain and Child National Consortium Administrative Core (PIs Chambers and Nelson) 9/1/2021-8/31/2026

The major goal of this project is serve as the organizing core for a national consortium of HBCD implementation sites, which aim to recruit 7,500 mothers and their children from locations across the U.S. and study the children's development from birth to age 10 years. The dataset will allow us to better understand which protective and harmful environments exert the greatest impact on

child development. Ossorio is responsible for helping consortium investigators identify and address legal and ethical issues study-wide, and for overseeing the Ethics, Law & Policy Working Group.

1 R01HD1002207-01 (PI Nobels)	New Evidence on Conception and Pregnancy Loss in the U.S 04/15/2020 – 03/31/2026
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The major goals of this project are to use data from four million women in the United States combined with georeferenced data about their social and contextual environments to provide new population-level estimates of early pregnancy and conception loss, identify disparities across subgroups, assess the contribution of male partner characteristics, and investigate the role of contextual influences on conception and pregnancy loss. Ossorio investigates bioethical and legal issues on this project.

1U01DK133097-01 Minnesota Precision Medicine CKD & Resilient Diabetes
Recruiting Site: Engagement, Enrollment & Ethics (Minn-KPMP)
(PIs Nachman and Caramori) 09/15/2022 – 06/30/2027

The major goal of this project is to recruit people with chronic kidney disease, with or without diabetes, to participate in a nationwide study of the biology of kidney disease. The study involves at least one kidney biopsy specifically for research. Ossorio helps develop community consultation activities, advise on bioethical and legal issues, and conduct scholarship related to issues raised by MNKPMP or the larger national KPMP project.