CURRICULUM VITAE

Michael A. Yudell, PhD, MPH

Dean & Professor
College of Health Solutions
Arizona State University

GENERAL INFORMATION

Place of Birth:	New York, NY
Work Address:	Health North, 550 N. 3rd Street, Phoenix, AZ 85004
Work Telephone:	602-496-2550
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EDUCATION

October 2008	PhD, Sociomedical Sciences Program in the History and Ethics of Public Health Mailman School of Public Health Graduate School of Arts and Sciences, Columbia University, New York, NY Dissertation: "*Making Race: Biology and the Evolution of the Race Concept in 20th Century American Thought*" (Awarded Distinction & Nominated for Bancroft Dissertation Award) Dissertation Advisor: David Rosner, PhD, MPH
May 2001	MPH, Sociomedical Science Department of Sociomedical Sciences Mailman School of Public Health Columbia University, New York, NY Thesis: "Race and the Genomic Revolution"
February 1998	MPhil, U.S. History Department of History Graduate Center, City University of New York, New York, NY
May 1990	BA, History and Soviet Studies Tufts University, Boston, MA Honors Thesis: "Black-Jewish Relations in New York and Atlanta During the Civil Rights Movement" Thesis Advisor: Gerald Gill, PhD

PROFESSIONAL EXPERIENCE

May 2025-present	**Dean and Professor** (with tenure)**,** College of Health Solutions, Arizona State University, Phoenix, AZ
2024 - 2025	**Interim Dean and Professor** (with tenure)**,** College of Health Solutions, Arizona State University, Phoenix, AZ
2021- 2024	**Vice Dean and Professor** (with tenure)**,** College of Health Solutions, Arizona State University, Phoenix, AZ
2015 – 2021	**Chair**, Department of Community Health and Prevention Dornsife School of Public Health, Drexel University, Philadelphia, PA
2019 – 2021	**Full Professor** (with tenure) Drexel University School of Public Health, Philadelphia, PA
2019 – 2021	**Chair,** Newborn Screening and Followup Technical Advisory Board, Department of Health, Commonwealth of Pennsylvania
2014 – 2015	**Interim Chair**, Department of Community Health and Prevention Dornsife School of Public Health, Drexel University, Philadelphia, PA
2012 – 2021	**Director**, Program in Public Health Ethics and History
2012 – 2021	**Institute Research Fellow**, A.J. Drexel Autism Institute Drexel University, Philadelphia, PA
2011 – 2019	**Associate Professor** (with tenure) Drexel University School of Public Health, Philadelphia, PA
2011 – 2017	**Blogger,** *The Philadelphia Inquirer*, Philadelphia, PA Creator and writer of The Public's Health, a public health blog.
2004 – 2011	**Assistant Professor** Drexel University School of Public Health, Philadelphia, PA
1996 – 2004	**Graduate Researcher**, Molecular Laboratories The American Museum of Natural History, New York, NY
2001 – 2002	**Health Policy Analyst**, National Institute of Environmental Health Sciences, Research Triangle Park, NC

AWARDS AND HONORS

2016	**Arthur J. Viseltear Prize** for *Race Unmasked* and contributions to the history of public health, American Public Health Association, Medical Care Section.
2008	**Dissertation Awarded Distinction** and Nominated for Bancroft Dissertation Award, Columbia University.
2007	**Golden Apple Teaching Award**, Drexel University School of Public Health.
2004	**Library Resident Research Fellow**, American Philosophical Society, Philadelphia, PA.
1990	**Magna Cum Honore and Dean's List**, Tufts University.

PUBLICATIONS

Books

In Contract

Yudell, M. and E. Lucey. *A Way of Being Human: Autism in Science and Society,* (Forthcoming, Columbia University Press).

Yudell, M. (with Samuel Kelton Roberts), *Race, Inequality, and Health,* series co-editors, Columbia University Press.

This series, combining works in history, social sciences, biological sciences, and public health, deepens our understanding of how claims about race and race difference have impacted health and society historically and in the present day. We have published 4 books including, *Troublesome Science: The Misuse of Genetics and Genomics in Understanding Race* by Ian Tattersall and Rob DeSalle (2018) and *Redeeming Race?: Anti-Racist Science and Postcolonial Development in the Twentieth Century* by Sebastián Gil-Riaño (2023). We have an additional 9 books under contract, including *Colored Insane: Slavery, Asylums and Mental Illness in 19th-Century America* by Diana Louis and *Segregated Medicine: How Racial Politics Shaped American Healthcare* by Ezelle Sanford III.

Published

DeSalle, R. and **M. Yudell.** *Welcome to the Genome: A User's Guide to the Genetic Past, Present and Future* (John Wiley & Sons, 2004 & Second Edition, 2020).

Yudell, M. *Race Unmasked: Race and Biology in the 20th Century*. (Columbia University Press, September 2014, cloth, May 2018, paperback).

Yudell, M. and R. DeSalle, eds. *The Genomic Revolution: Unveiling the Unity of Life*, (National Academy/Joseph Henry Press, 2002).

Peer Reviewed Articles and Book Chapters

In Press or Published

Perez Liz, G., Thao, D., Reeb, K., Goy, I., McCurdy, E., **Yudell, M**., & Robins, D. L. (2025). "Autism Screening in High-Likelihood Children in a Community Early Intervention Setting: A Hybrid Effectiveness-Implementation Study," *Focus on Autism and Other Developmental Disabilities*, 2025: https://doi.org/10.1177/10883576241308544 (IF: 2.0)

Popejoy, AB, Ritter, DI, Azzariti, D, Berg, JS, Bulkley, JE, Cho, M, Gonzaga-Jauregui, C, Klein, TE, Martschenko, DO, Oni-Orisan, A, Ramos, EM, Rehm, HL, Riggs, ER, Wright, MW, **Yudell, M,** Plon, SE, Morales, J. "Design and

implementation of an action plan for justice, equity, diversity, and inclusion within the Clinical Genome Resource," *The American Journal of Human Genetics*, 2025: https://doi.org/10.1016/j.ajhg.2024.12.009 (IF: 8.1)

Massey, PM, Murray, RM, Kostizak, K, Lo, WJ, **Yudell, M**. "Exploring the ethics of using fictional stories for health education on social media to share information and emotions about the HPV vaccine: A cross-sectional study with interdisciplinary health experts," *Vaccine*, 2024: https://doi.org/10.1016/j.vaccine.2024.126575 (IF: 4.5)

Verdecias-Pellum, N. Carroll-Scott, A. Silverman, C. **Yudell, M.** "Inequities in Community-Engaged Autism Research: Community Member Perspectives," *Progress in Community Health Partnerships*. (Forthcoming, 2024). (IF: 0.8)

Yudell, M. Hammonds, E. "What it Means to Abandon Race in Science?" *Experimental Physiology* (2024): doi.org/10.1113/EP091489 (IF 2.6)

Yudell, M. Amon, J.A. "What's Next For Public Health?", *Health Affairs Forefront*. (January 23, 2024): DOI: 10.1377/forefront.20240118.594418

Massey, P. Russell, A., Chiang., S. Murray, R., **Yudell, M**. "Social media, public health research, and vulnerability: Considerations to advance ethical guidelines and strengthen future research," *JMIR Public Health and Surveillance.* 9(2023): e49881 (IF: 8.5)

Lilley, R., Rapaport, H., Poulsen, R., **Yudell, M.,** and Pellicano, E. "Contributing to an Autism Biobank: Diverse Perspectives From Autistic Participants, Family Members and Researchers," *Autism*. (2023): doi.org/10.1177/13623613231203 (IF: 5.2)

Lilley, R., Lawson, W., Hall, G., Mahony, J. Clapham, H., Heyworth, M., Arnold, S., Trollor, J., **Yudell, M.,** Pellicano, E. "'Peas in a pod': Oral History Reflections on Autistic Identity in Family and Community by Late-Diagnosed Adults," *J Autism Dev Disord* (2022): 1-16. (IF: 3.047)

Pellicano, E., Lawson, W. Hall, G., Mahony, J., Lilley, R., Heyworth, M., Clapham, H., **Yudell, M.** "'I knew she'd get it, and get me': Participants' Perspectives of a Participatory Autism Research Project." *Autism in Adulthood* 4(2022): 120-129. (IF: 3.5)

Lilley, R., Lawson, W. Hall, G., Mahony, J., Arnold, S., Troller, J., **Yudell, M.,** Pellicano, E. "'A Way to Be Me': Autobiographical Reflections of Autistic Adults Diagnosed in Mid-to-Late Adulthood," *Autism: International Journal of Research and Practice.* 26 (2022): 1395-1408. (IF: 6.684)

Budenz, A., Klassen, A., Purtle, J., Yom-Tov, E., **Yudell, M.,** & Massey, P. (2022). "'If I was to post something, it would be too vulnerable:' University students and mental health disclosures on Instagram," *Journal of American College Health*, 70(2), 615-624. (IF: 2.395)

Boas, H., Davidovitch, N, **Yudell, M.** "Organ Transplant and the Paradox of Prevention: A Public Health Approach to Rethinking Transplant Medicine," in *Ethical Challenges of Organ Transplanation: Current Debates and International Perspectives*. Solveig Lena Hansen and Silke Schicktanz, eds. (New York: Columbia University Press, 2021).

Hayes-Bautista DE, Bryant M, **Yudell M**, Hayes-Bautista TM, Partlow K, Popejoy AB, Burchard E, Hsu P. "Office of Management and Budget Racial/Ethnic Categories in Mortality Research: A Framework for Including the Voices of Racialized Communities," *American Journal of Public Health.* 111(2021) pp.S133-S140

Yudell, M. "Considering Racial Terminology in Public Health Research," *European Journal of Public Health*. 31(2021) pp.5-6.

Yudell, M. Roberts, D. DeSalle, R. and S. Tishkoff. "NIH Must Confront the Use of Race in Science," *Science*. 369(2020) pp.1313-1314.

Popejoy, A.B., Crooks, K.R., Fullerton, S.M., Hindorff, L.A., Hooker, G.W., Koenig, B.A., Pino, N., Ramos, E.M., Ritter, D.I., Wand, H., Wright, M.W., **Yudell, M.**, Zou, J.Y. Plon, S.E., Bustamante, C.D., Orbond, K.E. "Clinical Genetics Lacks Standard Definitions and Protocols for the Collection and Use of Diversity Measures," *American Journal of Human Genetics*. 107(2020) pp.72-82.

Pellicano, E., Lawson, W. Hall, G., Lilley, R., Davis, C., Arnold, S., Trollor, J., **Yudell, M.** "Documenting the Untold Histories of Late-Diagnosed Autistic Adults: A Qualitative Study Protocol Using Oral History Methodology," *BMJOpen*. (2020) 10**:**e037968. doi: 10.1136/bmjopen-2020-037968

Budenz, A., Klassen, A., Purtle, J., Yom Tov, E., **Yudell, M.,** and Massey, P. "'If I Was to Post Something:' University Students and Mental Health Disclosures on Instagram," *Journal of American College Health.* 70(2020) pp.615–624.

Purtle, J., Nelson, K.L., Counts, N.Z., and **Yudell, M. "**Population-Based Approaches to Mental Health: History, Strategies, and Evidence," *Annual Reviews in Public Health*. 41(2020) pp.201-221.

Arana-Chicas E., Kioumarsi, A., Massey P., Carroll-Scott A., Klassen A.C., and **Yudell M.** "Barriers and Facilitators to Mammography Among Women with

Intellectual Disabilities: A Qualitative Approach," *Disability and Society*. 35(2020) pp.1290-1314.

Budenz, A., Klassen, A., Purtle, J., Yom Tov, E., **Yudell, M.,** and Massey, P. "Mental illness and bipolar disorder on Twitter: Implications for stigma and social support," *Journal of Mental Health*. 29(2020) pp.191-199.

Garfield, T. and **Yudell, M.** "Commentary: Participatory Justice and Ethics in Autism Research," *Journal of Empirical Research on Human Research Ethics*. 14(2019) pp. 455-457.

Budenz, A., Purtle, J., Klassen, A., Yom-Tov, E., **Yudell, M**., & Massey, P. Mass Shootings and Violence-Related Mental Illness Stigma on Twitter. *Stigma and Health* 4(2019) pp.411–420

Mohanty, S., Buttenheim, A.M., Feemster, K.A., Moser, C.A., Field, R.I., **Yudell, M**., Turchi, R.M., & Carroll-Scott, A. "Pediatricians' Vaccine Attitudes and Practices before and after a Major Measles Outbreak," *Journal of Child Health Care*, 23(2019) pp.266-277.

Arana, E., Carroll-Scott, A., Massey, P., Lee, N., Klassen, A. **Yudell, M.** "Racial/Ethnic Disparities in Mammogram Frequency among Women with Intellectual Disabilities," *Intellectual and Development Disabilities Journal.* 57(2019) pp.177-187.

Wallace, AE., Lee, BK., Selvam, N., Tabb, L., **Yudell, M.** Turchi, R., Newschaffer, CJ. Estimation of gestational age at birth using claims-based algorithms in a commercially insured US population," *Pharmacoepidemiology and Drug Safety.* 25(2016) pp.299-300.

Yudell, M. Roberts, D. DeSalle, R. and S. Tishkoff. "Taking Race Out of Human Genetics," *Science*, 351(February 5, 2016) pp.564-564.

Yudell, M. "Breve Historia del Concepto de Raza," *Pasajes.* (Spring 2014) pp.32-47.

Gidaya, N. Lee, B. Burstyn, I. **Yudell**, **M.** Mortensen, E, Newschaffer, C. "In utero Exposure to Selective Serotonin Reuptake Inhibitors and Risk for Autism Spectrum Disorder," *Journal of Autism and Developmental Disorders*. 44(October 2014) pp.2558-2567.

Rossi, J. Newschaffer, C. and **M. Yudell**. "Autism Spectrum Disorders, Risk Communication and the Problem of Inadvertent Harm," *Kennedy Institute of Ethics Journal.* 23(2013) pp.105-138.

Burstyn, I. Lee, B. Gidaya, N. **Yudell, M.** "Presentation of Study Results: The Authors' Responsibility," *Environmental Health Perspectives*. 120(September 2012) pp.343-344.

Yudell, M. Tabor, H. Dawson, G. Rossi, J. and C. Newschaffer. "Priorities for Autism Risk Disorders Risk Communication and Ethics." *Autism*. 17(2012) pp.701-722.

Rossi, J. and **Yudell, M.** "The Use of Persuasion in Public Health Communication: An Ethical Critique," *Public Health Ethics*. 5(2012) pp.192-205.

Rossi, J. and **Yudell, M.** "Value-Ladenness and Rationality in Health Communication," *American Journal of Bioethics*. 12(February 2012) pp.20-22.

Yudell, M. "A Short History of the Race Concept," in *Race and Genetics*, Sheldon Krimsky, ed. (Columbia University Press, 2011).

Yudell, M. "Public Health Ethics: An Update on an Emerging Field" in the *Penn Center Guide to Bioethics*, Vardit Ravitsky, Autumn Fiester, and Arthur Caplan, eds. (Springer, 2009) pp.559-569.

Sharp, R., **Yudell, M.** and S. Wilson. "Shaping Science Policy in the Age of Genomics," *Nature Reviews Genetics*, 5(April 2004) 311-317.

DeSalle, R., Bang, R., Meier, R. and **M. Yudell**, "Predictive Value of Drosophila," *Science*, 275(March 14, 1997) 1549-1551.

White Papers, Encyclopedia Entries, and Book Reviews

Yudell, M. "Review: Heredity Explored: Between Public Domain and Experimental Science, 1850-1930," *Isis*. 109(May 2018) pp.412-413.

Yudell, M. "Review: *Defectives in the Land: Disability and Immigration in the Age of Eugenics* by Douglas Baynton," *Journal of American History,* 104(March 2018) pp.1034-1035.

Rossi, J. Langer, D. Carroll-Scott, A. Plumb, J. Berrigan, L. and **M. Yudell**. "Improving Risk Communication in Autism Spectrum Disorders: Ethical and Policy Considerations," White Paper Prepared for Autism Speaks (2017).

Yudell, M. "Review: *On Immunity: An Inoculation* by Eula Biss," *Kennedy Institute of Ethics Journal*, 26(2016) pp.e1-e3.

Yudell, M. "Review: *Postgenomics: Perspectives on Biology after the Genome* by Sarah S. Richardson and Hallam Stevens," *Social History of Medicine*, (2016) doi: 10.1093/shm/hkw060

Yudell, M. "Ernst Rüdin and the State of Science," *PLoS Genetics*, 11(2015): e1005707. doi: 10.1371/journal.pgen.1005707.

Caplan, A., Chernak, E., Arana, E., Blank, N., and **M. Yudell. "**Vaccination Mandates for Healthcare Professionals – An Evaluation of Current Practices and Recommendations for Implementation," White Paper Prepared for the National Vaccine Program Office, (2013).

Yudell, M. "Review: *Segregation's Science: Eugenics and Society in Virginia*, by Gregory Dorr," *Journal of the History of Biology*. 43(May 2010) pp.419-422.

Yudell, M. "Review: *Moments of Truth in Genetic Medicine,* by Susan M. Lindee," *Journal of the History of Medicine and Allied Sciences*. 62(2007) 111-113.

Yudell, M. "Race and Science," in *Encyclopedia of African-American Culture and History: The Black Experience in the Americas*, Colin Palmer, ed., MacMillan Reference USA, 2005.

Yudell, M. and R. DeSalle, "A Review of *The Triple Helix: Gene, Organism, And Environment* by Richard Lewontin," *Quarterly Review of Biology*, 76(September 2001), 341-2.

Yudell, M. "Accounting for the Fear Factor," *Genome Technology*, (June 2001) 56.

Yudell, M. and R. DeSalle, "Sociobiology: 25 Years Later," *Journal of the History of Biology*, 33(Winter 2001) 577-584.

Yudell, M. "From Eugenics to Genomics," *American Scientist*, 88(July/August 2000) 368-369.

PRESENTATIONS

Keynotes and Invited Talks

Engaging in the Debates about the Uses of Race and Medicine, American Association for the History of Medicine, May 2025.

Academia at a Crossroads: Pathways to Renewal and Innovation. Researcher-Academic Town Meeting, American Speech-Language-Hearing Association, Annual Meeting, December 2024.

What's Next for Public Health: Leveraging the APHA Code of Ethics to Foster Change in the Field. CHS Innovation Talks, College of Health Solutions, Arizona State University, December 2024.

What's Next for the Field of Public Health and How Medicine Can Help. University of Arizona College of Medicine and Banner University Medical Center, Department of Medicine Grand Rounds, November 2024.

Maureen Casey, **Michael Yudell** and Elaine Clarke, *Translational Research Consortium (TRC): Life Course Outcomes Impacting Local Communities & Economies.* First Place Global Leadership Institute Symposium, October 2024.

How the (Mis)Use of Race and other Population Identifiers Continues to Shape Medicine and Science, Hackensack Univerity Medical Center, Hackensack, NJ, March 2024.

History, Housing, and Autism: How the Past is Distorting Our Future, First Place Global Leadership Institute Symposium, First Place AZ, October 2023.

Thinking About Race and Medicine in Medical Schools, Med Ed Masters Program, Graduate School of Education, University of Pennsylvania, June 2023.

Panelist, Documentary Film Screening, *In A Different Key,* St. Joseph's Hospital, September 2022.

Historical and Ethical Considerations in Conducting and Disseminating Biosocial Research. Northwestern University, June 2022.

Race as a Measure of Difference in Research: How We Got Here and Where Are We Going, Portland Community College Portland Community College (virtual), February 2022.

Newborn Screening: A Hidden Public Health Success (with Ethical Challenges Ahead) College of Health Solutions, Maternal and Child Health Affinity Network,

April 2022.

Ethical and Historical Considerations in Population Research, AZ Bioethics Network, July 2022.

Measuring Population Difference in Research: How We Got Here and Where Are We Going, Mayo Medical School, Phoenix, January 2022.

Ethical Considerations in Social Media Research, Promoting Research in Social Media and Health Symposium (PRISM), UC San Francisco, December 2021.

Health Disparities: A Persistent Challenge for the Public's Health, Congregation Ahavas Shalom, Newark Synagogue (virtual), November 2021.

Race as a Measure of Difference in Research: How We Got Here and Where Are We Going, Council for the Advancement of Nursing Science, American Academy of Nursing, October 2021.

The Use and Misuse of Race as a Measure of Human Difference in Biomedical Research, Center for Behavioral Health and Department of Beahvioral Health and Intellectual and disAbility Services, Disparities Lecture Series, Philadelphia, PA, August 2021.

The Use and Misuse of Race as a Measure of Human Difference in Biomedical Research, Medical Education Program, University of Pennsylvania, October 2020.

The Politics of Pandemics: Why the 1793 Yellow Fever Epidemic In Philadelphia Is Relevant Today, The Politics of Yellow Fever Series, Temple University Libraries, September 2020.

Abandoning Race as a Measure of Human Difference in Biomedical Research, Chicago Medical School, Rosalind Franklin University of Medicine and Science, August 2020.

The Concept of Race in Biomedical Research, Thomas Pitts Lectureship in Medical Ethics, Medical College of South Carolina, March 2020. (Cancelled because of COVID-19)

Eugenics and Race (keynote), Identifying and Managing Health Disparities in a Racially-Ambiguous Population: Beyond OMB Race/Ethnic Categories for Population Health, Adventist Health White Memorial/ UCLA Conference, November 2019.

Studying Genetic and Population Diversity in Health Research: Challenges and a Path Ahead, Science and Race Symposium, Ichan School of Medicine at Mt. Sinai, November 2019.

Anti-Vaccinationism is New and Old: Here's Why, Institute for Religion, Culture, and Public Life, Columbia University, September 2019.

Ethical Considerations in Conducting and Disseminating Biosocial Research, Summer Institute on Biological Approaches in the Social Sciences, Northwestern University, June 2019.

Historical and Contemporary Considerations in Human Population Health Research, ClinGen, Ancestry and Diversity Working Group, June 2019.

On the 50th Anniversary of Sociomedical Sciences: A Personal Reflection. Columbia University, April 2019.

The Persistence of Race Concepts in Biology and Genetics, Department of the History of Science, Harvard University, October 2018.

Ethical Autism Research Cultures and Community Engagement (with Chloe Silverman), National Science Foundation, CCE STEM Program Meeting, Washington, DC, September 2018.

Public Health Advocacy: From Scientific Research to Community Engagement to Ethics (keynote speaker), Israeli Public Health Physicians Association, Tel Aviv, Israel, June 2018.

Health Disparities and Genomics (invited panelist), Precision Medicine Leadership Summit, Jersey City, NJ, May 2018.

Neurodiversity: History, Politics, and Human Well-Being, Center for Neuroscience and Society, University of Pennsylvania, March 2018.

The Persistence of Race Concepts in Biology and Genetics, Clinical Sequencing Evidence-Generating Research Consortium, National Institutes of Health, Bethesda, MD, January 2018.

The Persistence of Race Concepts in Biology and Genetics, American Historical Association, Annual Meeting, Washington, DC, January 2018.

History, Ethics, and Understanding Autism Risk Research. Pediatric Grand Rounds, Northwestern University, September 2017.

Taking Race Out of Human Genetics: Implications for Science and Medicine, Institute for Public Health and Medicine, Northwestern University, September 2017.

W.E.B. Du Bois and the Past and Future of the Race Concept, Barbara Bates Center for the Study of the History of Nursing, University of Pennsylvania, School of Nursing, March 2017.

What Should We Do About the Race Concept in Genetics? Robert Wood Johnson Scholars Program, University of Pennsylvania School of Medicine, December 2016.

Taking Race Out of Human Genetics, Department of Medical Ethics, University of Pennsylvania, November 2016.

Taking Race Out of Human Genetics, Department of Anthropology Lecture Series on Race: An Anthropological Perspective, University of Pennsylvania, November 2016.

Taking Race Out of Human Genetics: Historical Considerations for Reconsidering Classificatory Structures in Human Genetics (keynote speaker), Philosophy of Science Association, Biennial Meeting, Atlanta, GA, November 2016.

Understanding the History of Race and Science (invited panelist), Penn Museum, University of Pennsylvania, September 2016.

Ending Racism in America: Agendas From and For Science (invited panelist) *at Persistent & Emerging Issues in Population Health Science*, Penn State University, September 2016.

Historical and Contemporary Lessons About Risk, Ethics and Autism, Autism Re-Examined: Ethical Challenges in Care, Support, Research and Inclusion, Annual Pediatric Bioethics Conference, Treuman Katz Center for Pediatric Bioethics, Seattle Children's Hospital, July 2016.

Taking Race Out of Human Genetics, National Academies of Science, Board on Life Sciences, May 2016.

Implications of Understanding Interindividual Variability (invited panelist), National Academies of Sciences, Interindividual Variability: New Ways to Study and Implications for Decision-Making, Washington, DC, October 2015.

Autism Risk Communication and Ethics, Neurodevnet Brain Development Conference, Ottawa, Canada, September 2015.

The Polio Vaccination Campaign of Summer 2013 in Israel (invited commentator), Edmund J. Safra Center for Ethics, Tel Aviv University, July 2015.

The Past and Future of Race in Research, Grand Rounds, The Mayo Clinic, Rochester, MN, May 2015

The Future (and Past) of Racial Research, Thomas Jefferson Medical College, March, 2015

The Future (and Past) of Racial Research, Drexel University School of Medicine, April, 2015.

Race Unmasked, Edmund J. Safra Center for Ethics, Tel Aviv University, June 2014.

The Ethics of Influenza Vaccine Mandates for Health Care Workers, National Vaccine Program Office, Department of Health and Human Services, Washington DC, June 2014.

Race Unmasked, Barbara Bates Center For the History of Nursing, University of Pennsylvania, Philadelphia, PA, October 2013.

A Historian in Public Health, Israeli Society for the History and Philosophy of Science, Jerusalem, Israel, June 2013.

Why the Biological Race Concept Continues to Shape Science and Society, Ben Gurion University, Be'er Sheva, Israel, June 2013.

Autism, Risk Communication, and Ethics: An Overview, Hebrew University, Jerusalem, Israel, June 2013.

Autism, History, and The Communication of Scientific Findings in Eras of Controversy and Uncertainty, Safra Center for Ethics, Tel Aviv University, June 2013.

Autism, History, and the Communication of Scientific Findings in Eras of Uncertainty and Controversy. NIH Workshop: Ethical, Legal and Social Implications of Autism Research, September 2011.

Autism, History, and the Controversy of Nosological Categories. Categories & Controversies: The Ethical Dimensions of The DSM-5, University of Pennsylvania & Scattergood Foundation, September 2011.

A History of Blame? Autism Spectrum Disorder Etiology Research Since 1943, Barbara Bates Center for the Study of the History of Nursing, School of Nursing, University of Pennsylvania, April, 2010.

Risk Communication and Ethical Challenges Associated with Autism Spectrum Disorders, Inaugural Partnerships for Environmental Public Health Program Meeting, National Institutes of Environmental Health Sciences, Research Triangle Park, NC, April, 2010.

Making Race: Biology and the Evolution of the Race Concept in 20th Century American Thought, Anthropology Colloquium Series/History and Sociology of Science Workshop, April, 2010.

A Short History of The Race Concept, Council for Responsible Genetics Workshop, American Museum of Natural History, New York, NY, August 2009.

Why the Return to Racial Science? Implications for Public Health, Drexel University School of Public Health, Public Health Grand Rounds, October 2005.

From Eugenics to Genomics: A Look at the History and Clinical Impact of Scientific Racism, Drexel University School of Medicine, Humanities Grand Rounds, September 2005.

Genomics and the Public's Health: Opportunities and Challenges Ahead, Grand Rounds, Drexel University School of Public Health, Philadelphia, PA, November 2004.

W*elcome to the Genome*, American Museum of Natural History, New York, NY, December 2004.

The Human Genome Project: Implications for the Future, Autism Society of America, Manhattan Chapter, New York, NY, January 2004.

Welcome to the Genome, Princeton University, Woodrow Wilson National Fellowship Foundation Genome Workshop, Princeton, NJ, July 2003.

The Genomic Revolution, Chesterfield County Public Schools, Richmond, VA, October 2003.

The Genomic Revolution, American Museum of Natural History, New York, NY, April 2003.

Environmental Health Policy in the Age of Genomics, National Institute of Environmental Health Sciences, Genetics and Environmental Health Workshop, Research Triangle Park, NC, May 2002.

The Coming Age of Genomic Medicine: Promises and Challenges, North Carolina Museum of Natural Science, Raleigh, NC, May 2002.

Conference Talks

Michael Yudell and Joe Amon, *What's Next for Public Health: Leveraging the APHA Code of Ethics to Foster Change in the Field.* American Public Health Association, Annual Meeting, October 2024.

Autism at All Ages: Updates and Resources (panel moderator). Health Talks, College

of Health Solutions, Arizona State University, September 2024.

The Intersection of History, Newborn Screening, and Genomic Technology, American Association for the History of Medicine Annual Meeting (virtual), May 2023.

Regan Murray, Philip Massey, **Michael Yudell**, Ciara O'Sullivan, Ethical Use of *Narrarative Communication on Social Media for Cancer Prevention*, American Public Health Association, Annual Meeting, Denver, CO, November 2021.

Michael Yudell, Chloe Silverman and Suzanne Grossman, *Producing Ethical Autism Research,* American Public Health Association, Annual Meeting, Philadelphia, PA, November 2019.

Transcending Racial Boundaries in Human Genetic Research (co-organizer and moderator), AAAS Annual Meeting, Washington, D.C., February 2019.

Ethics of Risk Communication in Autism Environmental Risk Research, American Public Health Association, Annual Meeting, Chicago, IL, November 2015.

What's at Stake in the History of Autism? American Association for the History of Medicine, Annual Meeting, New Haven, CT, May 2015

Communicating Complex Autism Risk: Challenges and Opportunities: An Update, International Meeting for Autism Research, Annual Meeting, Atlanta, GA, May 2014.

Medical History in Other Venues, American Association for the History of Medicine, Annual Meeting, Chicago, IL, May 2014.

Blogging for the Public's Health, American Public Health Association, Annual Meeting, Boston, MA, October 2014.

Risk of Inadvertent Harm in Autism Risk Communication, International Meeting for Autism Research, Annual Meeting, San Sebastian, Spain, May 2013.

Communicating Complex Autism Risk: Challenges and Opportunities, International Meeting for Autism Research, Annual Meeting, San Sebastian, Spain, May 2013.

Communicating Public Health Through A Newspaper Blog and Column, American Public Health Association, Annual Meeting, San Francisco, CA, October 2012.

Autism Social, Ethics, and Legal Research, International Meeting for Autism Research, Annual Meeting, Toronto, CA, May 2012.

What The History Of Autism Spectrum Disorders Can Teach Us About Risk Communication And Ethics In Public Health, Annual Meeting of the Section of Ethics in Public Health, European Public Health Association Annual Meeting,

Copenhagen, Denmark, November 2011.

How History Can Help Us Improve Approaches For Communicating Uncertainty Around Emotionally And Politically Charged Issues – Roundtable Discussion, American Public Health Association, Annual Meeting, Washington, D.C., October 2011.

With John Rossi, *Autism, Risk Communication, and Ethics.* American Public Health Association, Annual Meeting, Washington, D.C., October 2011.

Ages of Uncertainty: Autism Spectrum Disorders and the Search for Cause and Cure, Fifth Biennial Conference for the History of Children and Youth, June, 2011.

Ethics of Communicating Scientific Findings of Autism Risk: Novel and Enduring Challenges in Maternal and Child Health, American Public Health Association, Annual Meeting, Denver, CO, November, 2010.

Why The Race Concept Continues to Shape Science and Society in the 21st Century, Special Session, American Public Health Association, Annual Meeting, Denver, CO, November, 2010.

With Jennifer Breaux, *Stigma and the Welfare Mother: How History Continues to Haunt Social Welfare Policies in the United States,* American Public Health Association, Annual Meeting, Denver, CO, November, 2010.

Hope, Fear, and Blame: Ethical Challenges in Communicating Autism Risk, American Society for Bioethics and Humanities, Annual Meeting, San Diego, CA, October, 2010.

Autism, History, and the Communication of Scientific Findings in Eras of Uncertainty and Controversy, International Meeting for Autism Research, Philadelphia, PA, May 2010.

A History of Autism Spectrum Disorder Etiologic Research, American Association for the History of Medicine, Annual Meeting, Rochester, MN, May 2010.

With Julia Brody, *Ethics of Communication,* Risk Communication Workshop, Partnerships for Environmental Public Health, National Institute of Environmental Health Sciences, Research Triangle Park, NC, April, 2010.

How the History of Autism Spectrum Disorders Can Improve an Understanding of Public Health Ethics, American Public Health Association, Annual Meeting, Philadelphia, PA, November 2009.

With Jennifer Ibrahim and David Barnes, *Teaching the History of Public Health of Philadelphia, A Collaborative Approach*, American Public Health Association, Annual Meeting, Philadelphia, PA, November 2009.

Ages of Uncertainty in Autism Research: Lessons for Risk Communication in an Era of Blame, The Ethics of Communicating Scientific Findings of Autism Risk Conference, Philadelphia, PA, October 2009.

The History of the Biological Race Concept and Its Impact on Personalized Medicine. Genetics & Ethics in the 21st Century: 13th Conference, Breckenridge, CO, July 2009.

From Eugenics to Genomics: A History of the Race Concept and Its Impact on Contemporary Health Disparities, American Public Health Association, Annual Meeting, San Diego, CA, 2008.

With Michelle Chyatte, *Guiding Uncomfortable Decisions While Defining Public Health Ethics: The Divisive Debate Over Nuclear Waste Storage At Yucca Mountain,* American Public Health Association Annual Meeting, Washington, D.C., November 2007.

A Conflict of Histories: The Battle to Build the Yucca Mountain Nuclear Waste Repository, American College of Preventive Medicine, Annual Meeting, Reno, Nevada, February 2006.

A Short History of Smallpox Inoculation, Vaccination, and Eradication, University of Pennsylvania, December 7, 2005.

Genomics, Race, and the Public's Health, American College of Preventive Medicine, Annual Meeting, Washington, D.C., February 2005.

Race and the Genomics Revolution, American Public Health Association, Annual Meeting, Boston, MA, 2000.

Scientific Racism in America Since the 1970s, American Public Health Association, Annual Meeting New York, NY, 1996.

A Return to Racial Science? Sociobiology, Race, and Politics Since the 1970s, American Historical Association, Annual Meeting, Atlanta, GA, 1996.

FUNDED RESEARCH

Current

National Institute of Mental Health
"The Aging Autistic Brain: Multi-modal imaging to predict accelerated memory decline"
Braden (PI)… Yudell (OSC) (3,494,919) (2023-2028)

Project aims to characterize hippocampal and memory aging trajectories, and identify the combination of MRI measures that best predict accelerated memory decline in middle-age and older adults with autism spectrum disorder (ASD), compared to matched non-ASD.

National Institute for Mental Health
"The Role of Autism Risk Genes in Cognitive and Brain Aging Outcomes of Autistic Adults"
Harker (PI)… Yudell (OSC) ($195,896) (2025 – 2028)

We we will calculate autism polygenic risk scores in our adult case/control cohort (n=223) to correlate risk score with existing longitudinal and cognitive brain aging data.

Completed

National Endowment for the Humanities, Humanities Initiatives at Colleges and Universities
"The Humanities and Health Justice Pathways Project: Forming First-Generation Professionals Creighton University/Arizona State University (Omaha/Phoenix)"
Yudell (co-I) ($149,497) (2023-2025)

The overall goal of the CU/ASU partnership is to construct a complete pathway and certificate program in the health humanities that will begin in the summer before matriculation and end in the senior year with a capstone research project (see figure below). The Pathways Project will set up cohorts of Humanities and Health Justice Fellows who will receive educational and social support as well as tailored pre-health advising. The project is dedicated to building humanities-based pathways into the health professions for underrepresented students.

Arizona Health Care Cost Containment System
"Arizona Independence Initiative and Technology Innovation to Benefit Neurodiverse Adults"
Yudell (PI) ($1,166,203) 2022-2024

In partnership with First Place AZ, the College of Health Solutions and the College Research and Evaluation Services Team (CREST) at ASU will create and implement an evaluation of the process, outcomes and impact of selecting and supporting diverse individuals with autism and/or I/DD who meet the American Rescue Plan Act (ARPA) category of households that have experienced

"negative economic harm" because of COVID-19. This evaluation will be of First Place AZ's two-year pilot project encompassing supportive housing amenities and digital locker technology for Arizona residents diagnosed with autism and/or intellectual and/or developmental disabilities (I/DD). The experiences and evaluation data from this study can be used to inform best practices in this area to improv the lives of autistic people and the families in the State of Arizona and beyond.

National Institutes of Health - Autism Center of Excellence (ACE) Network
"Connecting the Dots: An RCT Integrating Standardized ASD Screening, High-Quality Treatment, and Long-Term Outcomes"
Robins (PI)… **Yudell** (Co-I) 2018-2022.

This project seeks to demonstrate that standardized, high-fidelity, universal screening lowers the age of autism diagnosis and treatment onset, leading to improved short- and long-term outcomes. As co-investigator and ethicist, I am responsible for considerations related to risk to subjects, including risks to children and parents during screening and evaluation. I provide support around ethical issues associated with communicating research findings to research subjects, their families, and the general public (through papers).

National Cancer Institute, Administrative Supplement (1R01CA229324-01A1)
"Ethical Use of Narrative Communication on Social Media for Cancer Prevention"
Massey (PI) & Yudell (co-I) ($100,000) 2020-2022

In the age of social media misinformation and disinformation, ethical responsibilities for cancer prevention researchers are more important than ever, particularly when their work involves topics like vaccination. With survey data collected from academic researchers in the fields of health communication, bioethics, and cancer prevention, our study investigates the ethical implications of a narrative-focused intervention designed to communicate evidence and information about the HPV vaccine for parents who use social media. Our examination of ethical principles in narrative communication and cancer prevention research will lead to recommendations for researchers and provide a framework for best practices.

National Science Foundation – Cultivating Cultures for Ethical STEM
"Cultivating Ethical Autism Research Cultures via Community Engagement"
Silverman (PI) **& Yudell** (co-PI) ($399,635) 2017-2021 (including fourth year with no-cost extension)

Project examined the ethics of autism research using qualitative and quantitative research methods (specifically, a sequential, mixed methods research design) to compare the attitudes and research output of scientists who do and do not utilize community input or engagement in their research programs.

Robert Wood Johnson Foundation
"Testing Strategies to Communicate Evidence about Toxic Stress While Minimizing Stigma towards Children and Families"

Purtle (PI)… **Yudell** (Co-I) 2018-2021

The project will test strategies to communicate evidence about toxic stress by producing empirical evidence (produced from two randomized-controlled trials) about how to effectively communicate this issue to the public. I am providing support as an ethicist to the project.

Autism CRC – Australia

"Uncovering the Hidden Histories of Late Diagnosed Autistic Adults"

Pellicano (PI)… **Yudell** (Co-I) 2019-2020.

Our project seeks to uncover the hidden histories of late-diagnosed, autistic adults. Using oral histories, we will study how late-diagnosed autistic adults survived, thrived and potentially suffered both before and after having received an autism diagnosis.

Autism Speaks

"Scientific Responsibility and Autism Risk Communication"

Yudell (PI) ($68,000) 2014-2016

The project examines the knowledge, attitudes, and beliefs of key stakeholders' views regarding environmental risk factor communication for autism spectrum disorders (ASDs). A mixed-methods approach will query ASD research, ASD-affected families, autistics, and a sample of the general public regarding their views on autism risk communication.

Social Science Research Fund Grant, Drexel University

"A Survey of Public Health Professionals' Views about the Nature, Importance and Usefulness of Academic Public Health Ethics"

Rossi (PI) **Yudell** (co-I) ($7,250)

This project seeks to improve our understanding of how public health professionals understand their ethical obligations to the field and to the people we serve.

Stein Family Fellowship, Drexel University

"Autism Risk Communication, Ethics and History: Fostering Collaborations with Israeli Scholars, Students, and Institutions"

Yudell (PI) ($19,915) 2012-2013

Grant will foster communication and collaboration on the subject of autism risk communication and ethics through a series of round-table and smaller group discussions to be held at both Hebrew University and Ben Gurion University to explore the challenges of autism risk communication and ethics in the United States and Israel in an attempt to share findings and develop new insights into these complex issues, and also support research into the history of autism in Israel.

Oak Ridge Institute for Science and Education/National Vaccine Program Office

"Vaccination Mandates for Healthcare Professionals - An Evaluation of How Ethical Concerns Impact Implementations"

Yudell (PI) ($26,000) 2012-2013

This project, funded by, the Oak Ridge Institute for Science and Education is to develop a white paper that examines the ethical issues surrounding mandates for flu vaccination for HCWs. Drawing on a rich literature in bioethics, public health ethics, and vaccination, the topics covered will include how ethics can enhance our understanding of the following: general attitudes about employee mandates; the use of terminology in describing employer required vaccination (mandates v employer requirements); incentivizing vaccination v. mandating it; the support of and resistance to other types of vaccine mandates; the efficacy of existing mandates; and, attitudes that shape vaccine mandate acceptance including views on safety and laws limiting or supporting the use of mandates.

Medical and Academic Partnerships – Pfizer Fellowships in Health Policy
"Ethical and Policy Issues in Autism Risk Communication and Ethics" (Sponsor) ($130,000) 2010-2012

This fellowship was awarded to John Rossi, VMD, MBE, to work under my supervision as a post-doctoral fellow for two years beginning the in the Fall of 2010. Dr. Rossi will work closely with me on several projects, including my current research on autism risk communication and ethics.

Health and Human Services, Office of Research Integrity
"Research Integrity Challenges in Vaccine Development and Distribution for Public Health Emergencies"
Yudell (PI) ($43,000) 2011-2012

This project examined ethical aspects of developing and distributing vaccines in settings of public health emergencies through the development of case-studies and the convening of a one-day workshop of a diverse group of stakeholders. Wide dissemination of workshop findings and case studies occurred, as did the promotion of partnerships among diverse stakeholders to improve preparedness for the next public health emergency.

Competitive Department of Community Health and Prevention Grant, Drexel University School of Public Health
"Ages of Uncertainty: The Risk of Autism Spectrum Disorders and the Search for Cause and Cure"
Yudell (PI) ($5000) 2010-2011

This proposal seeks funding to continue research on a full-length book on the history of the search for the etiology of ASDs and about how this research has impacted stakeholders in autism research and treatment as well as the general public's understanding of the disorder.

Environmental Sciences Research - Autism Speaks
"Ethics of Communicating Scientific Findings of Autism Risk"
Yudell (co-PI) ($25,000) 2009-2010

This jointly funded grant (NIH and Autism Speaks) supports research that examines the ethical implications associated with communicating the scientific findings of autism research. As part of this process, in October 2009 we assembled

leaders in the field for a two-day meeting of stakeholders to discuss these issues and to try to develop guidelines about communicating risks to stakeholders and to the general public. A small follow-up meeting with leaders in risk-communication and ethics to discuss the development of fundable projects was held on November 2, 2010. A series of grant submissions, papers, and policy recommendations are forthcoming.

R13 – NIH/National Institute of Environmental Health Science
"Ethics of Communicating Scientific Findings of Autism Risk"
Yudell (co-PI) ($20,500) 2009

Not Funded

Health Resources and Services Administration (HRSA)
"Western Public Health Training Center (WPHTC)"
Yudell (site-PI) (2022-2027)

The College of Health Solutions (CHS) at Arizona State University is partnering with California State University, Long Beach and other partners to form the Western Public Health Training Center (WPHTC). This collaborative consortium will provide competency-based training to meet the training needs of public health professionals from state and local health departments as well as other community health organizations. The target region will include Arizona, California, Hawaii, Nevada, Guam, and American Samoa, and many training activities will focus on improving the health of underserved populations or those in underserved areas.

TEACHING

Undergraduate

At Arizona State University
- MED 300: Historical and Contemporary Issues in Health (Spring 2024)

At Drexel University
- PBHL 302: Introduction to the History of Public Health (Winter 2013, Winter 2014, Winter 2015, Winter 2016, Winter 2017, Winter 2019)
- PBHL 298-005: Public Health in History (Winter 2010, 2011 (not taught), 2012)
- UNIV 241: Civil Rights: Law and American Culture (Winter 2009)

Masters

At Drexel University
- PBHL 510 & 512: Foundations of Public Health (Fall 2017, Winter 2018; Fall 2018, Winter 2019, Fall 2019, Winter 2020, Fall 2020, Winter 2021)
- PBHL 503: History of Public Health in Philadelphia (Spring 2009, Winter 2010, Winter 2011, Winter 2012, Fall 2012, Fall 2013)
- PBHL 516: History of Public Health (Fall 2005, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016)
- PBHL Exec Block I: Introduction to Public Health (Summer 2007)

Doctoral

At Arizona State University
- POP 633: Population Health Ethics (Spring 2022, 2023, 2025)

At Drexel University
- PBHL 824/CHP 607: Public Health Ethics (Spring 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2021)
- PBHL 809: Community Health Policy Development and Analysis (Fall 2006, Spring 2006)
- PBHL 805: Qualitative Research in Community Health (Winter 2006)
- PBHL 801: Theory and Practice of Community Health and Prevention (Fall 2006)
- PBHL 822: History, The Historian, and Public Health (Fall 2005)

Medical School

- Drexel University College of Medicine, Ethics-Psychiatric Objective Structured Clinical Exam (2009, 2010)
- Drexel University College of Medicine, Medical Genetics (2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013)
- PBHL Summer Course for MD/MPH Students (Summer 2006)

Inter-University

- Global Health Ethics, Ben Gurion University, Beer Sheeva, Israel (Summer 2014, 2015, 2016, 2017, 2019)
- PBHL 503, History of Public Health in Philadelphia, College of Physicians of Philadelphia (2007, 2008, 2009, 2010, 2011, 2012)

ADVISING

Post-Doctoral Trainees

Emer Lucey, PhD
Post-Doctoral Fellow, 2021-2024
Project Title: *Constructing Childhood Disability: Autism and Down Syndrome in American History*

John Rossi, VMD, MBE
Pfizer Postdoctoral Fellow, 2010-2012
Project Title: *Ethical & Policy Issues in Autism Risk Communication*

Current Doctoral Students

Arizona State University

Nalani Thomas, Arizona State University, Applying a Legal Epidemiology Lens to Perinatal Mental Health Care Delivery for Medicaid-Enrolled Perinatal Patients, 2024-present (co-Chair)

Samantha Harker, The Role of Autism Risk Genes in Cognitive and Brain Aging Outcomes in Autistic Adults, PhD Student, Arizona State University, 2022-present (committee member)

Drexel University

Idris Robinson, MPH, Health Disparities in Prostate Cancer Diagnosis in a Cuban Population, DrPH Student, 2017-present (committee member)

Doctoral Dissertation Committees

Continued on next page

Doctoral Students

As Committee Chair	
Evelyn Arana (2017) (Assistant Professor, Robert Wood Johnson Medical School, Rutgers University)	Racial & Ethnic Disparities In Mammogram Frequency Among Women With Intellectual Disabilities: An Explanatory Mixed Methods Approach
Jennifer Breaux (2011) (Associate Teaching Faculty and Director of Undergraduate Education, Dornsife School of Public Health, Drexel University)	Maternal Employment, Receipt Of Childcare Subsidies And Health: The De-Stigmatization Of Single Mothers And Their Children From Marginalization To Self-Sufficiency
As Committee Member	
Matthew Kearney (Spring 2021) (Assistant Professor in the Department of Family Medicine and Community Health at the University of Pennsylvania)	A Mixed Methods Analysis Of Electronic Cigarettes On Instagram
Alexandra Budenz (2018) (Social Scientist at US FDA)	The New Age Of Stigma And Social Support: A Mixed-Methods Analysis Of Social Media Communication About Mental Health
Salini Mohanty (2017) (Principal Scientist, Outcomes Research at Merck)	Pediatrician Response To Parental Requests To Delay Or Refuse Childhood Immunization
Anna Wallace (2016)	Assisted Conception And Risk Of Autism Spectrum Disorder In A Large Commercially Insured Population In The United States
Allison Tartaglia (2016) (Associate Dean and Director of Integrated Wellness, Bennington College)	Social, Situational And Psychological Factors Linked To Campus Sexual Assault
Nicole Gidaya (2014) (Principal Health Economist at Genentech)	The Effect Of Utero Exposure To Beta-2 Adrenergic Receptor Agonists And Selective Serotonin Reuptake Inhibitors (Ssri) On The Risk For Autism Spectrum Disorders (Asd)
Jonathan Cass (2015) (Data Scientist, Deloitte)	What Is The "Western Pattern?" Refining Factor-Derived Dietary Petterns From The Nhanes Food Frequenxy Questionnare Using 24 Hour Dietary Recall Data
Tanya Lewis-Walls (2013) (Senior Vice President, Behavioral Health, UnitedHealth Group)	Relationship Between Psychosocial Factors And Diabetes Testing Compliance In An Insured Population

SERVICE

University Service

Arizona State University, Phoenix/Tempe, AZ

- Tenure Review Committee, 2025.
- Executive Committee, The Principled Innovation Infrastructure for Discovery and Engagement (PrIIDE) initiative, Julie Ann Wrigley Global Futures Laboratory, 2025.
- Co-Lead, Year 1 Initiative, 2025.
- Committee Lead, Media Literacy Task Force, 2024.

Department of Community Health and Prevention, Drexel University, School of Public Health, Philadelphia, PA

- Co-Chair, Faculty Search Committee, Assistant/Associate Level Professor Position, 2016
- Member, Faculty Search Committee, Assistant/Associate Level Professor Position, 2012, 2013, 2014.
- Member, Faculty Search Committee, Urban Health Cluster, 2014.
- Member, Faculty Search Committee, Assistant Level Professor Position, 2013.
- Member, Faculty Search Committee, Full/Associate Level Professor Position, 2008.
- Participant, Good Behavior Game Initiative, 2006-2007.
- Co-Chair, Faculty Search Committee, Associate Professor Position, 2005-2006.
- Co-Chair, Faculty Search Committee, Assistant Professor Position, 2005-2006.
- Member, Education Coordinating Committee, 2005-2006.
- Faculty Advisor, 42 MPH Students, 2004-Present.

School of Public Health & Drexel University, Philadelphia, PA

- Member, Provost Committee on Global Engagement, 2018-2019.
- Chair, Provost Committee on Elevating the Arts, Social Sciences, and Humanities at Drexel, 2017-2019.
- Co-Chair, Committee on Undergraduate Education, Drexel University SPH, 2018-present.
- Member, Dean's Executive Committee, Drexel University SPH, 2014-present.
- Member, Executive Committee of the Faculty, Drexel University SPH, 2011-2016.
- Member, Undergraduate Task Force, Drexel University SOG, 2011-2013.
- Member, Senate Committee on Faculty Affairs, Drexel University, 2008-2014.
- Member, Admissions Committee, Drexel University SPH, 2008-2011.
- Member, Steering Committee, School of Public Health Strategic Plan Committee, 2008-2010.
- Attendee, Conference on Implications of Genomics for Public Health, Institute of Medicine/National Academies of Science, October 2004.

Board Service

Boys and Girls Club of Greater Scottsdale, Scottsdale, AZ

Board of Governors Member, July 2025-

Board of Governors member for Boys and Girls Club of Greater Scottsdale, an organization serving the youth of North Phoenix, Fountain Hills, the Salt River Pima-Maricopa Indian Community, and the Hualapai Nation for more than 70 years.

Temple Solel, Paradise Valley, AZ

Board Member, 2023-present

Board member for Temple Solel, a Reform Movement Synagogue in Paradise Valley, AZ.

Gateway Community College, Phoenix, AZ

President's Advisory Council, 2023-present

Serve on the Advisory Council for Dr. Amy Diaz, President of Gateway Community College.

Spark, Philadelphia, PA

Board Member, 2012-2014

Board member for Spark Philadelphia, a national non-profit organization that provides life-changing apprenticeships to youth in underserved communities across the United States.

Regional Service

Newborn Screening Technical Advisory Board, Commonwealth of Pennsylvania, Department of Health.

Chair, 2019-April 2021

Co-chair, 2017-2019

Board Member, 2010-April 2021

Lead a group of interdisciplinary health scientists and clinicians to advise and make recommendations on issues related to program administration, diagnostic testing, technical support, follow-up, and outreach for the Pennsylvania Department of Health's Newborn Screen and Follow-Up Program.

Penn Program on Race, Science & Society, University of Pennsylvania

Working Group Member, October 2014-2021.

Group examines, through meetings and colloquia, the role of race in scientific studies.

Consulting Scholar, University of Pennsylvania Museum of Archeology and Anthropology, University of Pennsylvania, Philadelphia, PA.

Consulting Scholar, 2013-2019

Worked with Museum curators and staff to develop an exhibit on the history of race in the sciences. Was content advisor on an exhibit entitled "Making and Unmaking Race" that was on exhibit at the Museum for several years.

Provost Seminar in Bioethics, University of Pennsylvania.
Member, 2010-2011
Year-long seminar to examine the history and activities of bioethics commissions.

National Service

National Human Genome Research Institute, National Institutes of Health, Washington, D.C.
Site Visitor, May 2023
Part of quadrennial review team for NHGRI's Social and Behavioral Research Branch.

Board of Life Sciences, National Academies of Sciences, Washington, D.C.
Consulting Scientist, 2017-2020
Advised NAS research staff on a study examining current use of the concept of race in both scientific and clinical research settings with a goal of identifying alternative methods for studying human genetic diversity as it relates to human evolutionary history and health.

History of Vaccines: A Project of the College of Physicians of Philadelphia, Philadelphia, PA
Editorial Advisory Board Member, 2009-2021
The History of Vaccines project is an informational, educational website that seeks to provide a living, changing chronicle of the history of vaccination, from pre-Jennerian variolation to the present. The site aims to increase public knowledge and understanding about the nature of vaccines and the role they have played in the history of human health.

Special Interest Group, Autism Social, Ethical, and Legal Research Special Interest Group, International Meeting for Autism Research (IMFAR)
Co-Convener, 2012-2014.
As part its annual meeting, our special interest group was selected by the International Society for Autism Research to help develop research, collaboration, and mentorship in this area. The group will remain active for three years as part of this meeting.

Local Arrangements Committee, American Association for the History of Medicine, Annual Conference, Philadelphia, PA
Secretary, 2010-2011.
The Local Arrangements Committee is responsible for all planning related to the annual meeting of the AAHM, the preeminent organization for historians of medicine and public health.

Ethics of Vaccines Project, University of Pennsylvania, Center for Bioethics, Philadelphia, PA.
Member, 2005-2012

The Ethics of Vaccines Project is an ongoing effort to examine the vaccine field and propose an ethical framework to help guide researchers, pharmaceutical companies, public health agencies, health care providers and citizens regarding vaccines and their safe, effective and ethical use.

Center for Responsible Genetics, Cambridge, MA
Consultation and Research, 2008-2009

Authored a briefing paper on the history of the biological race concept for a Center project funded by the Ford Foundation for a series of briefing papers on race and genetics. The paper was published in the Center's online magazine *GeneWatch*, and is written for an audience of racial justice activists and educated citizens.

Fred Friendly Seminars, New York, NY.
Science Content Advisor, 2002

Developed science content for the viewer's guide for *Our Genes/ Our Choices*, a three-part Fred Friendly Seminars series for PBS. In May 2003, the viewer's guide was honored with the Best Periodical Award from the Association of Educational Publishers.

Woodrow Wilson National Fellowship Foundation, Leadership Program for Teachers, Princeton, NJ.
Director of Policy and Ethics Curriculum, 2002

Responsible for teaching the policy and ethics component of the Foundation's summer institute on comparative genomics. The Institute was designed to provide high school teachers with a solid grounding in field and laboratory research techniques, and a strong understanding of policy and ethical issues as they relate to the genome.

National Center for Science Literacy, Education, and Technology, American Museum of Natural History, New York, NY.
Policy and Ethics Consultant, 2002

Genome policy and ethics work on outreach materials for Fred Friendly Seminars series on genomics.

National Center for Science Literacy, Education, and Technology, American Museum of Natural History, New York, NY.
Ethicist, 2001

Online ethicist for a course on the Human Genome Project.

PEER REVIEW ACTIVITIES

Editorial/Book Peer Review

- American Sociological Review
- Autism
- Clinical Pharmacology and Therapeutics
- Disaster Medicine
- MIT Press
- Anthropological Quarterly
- Journal of Public Health Policy
- Social Science and Medicine
- Review of Policy Research
- Rutgers University Press
- History of the Human Sciences
- Vaccine
- Pennsylvania Historical Society
- Johns Hopkins University Press
- Journal of the History of Medicine and Allied Sciences
- Neurodevelopmental Genetics
- PLOS Biology
- PLOS Genetics
- Journal of the History of Biology
- Oxford University Press
- American Journal of Public Health
- Journal of General Internal Medicine
- Public Health Reports

Grant Peer Review

- Medical Research Council of the United Kingdom - Peer Referee for the Council's Triage: Neurosciences and Mental Health Board (t-NMHB).
- Social Science Research Council Canada - Grant Reviewer for the Council's Insight Grant Program.
- Cure Kids New Zealand – Peer Review for the Charity's Better Start National Science Challenge Grant Program.

PROFESSIONAL MEMBERSHIPS

- American Association for the History of Medicine, 2009-Present
- American Public Health Association: Member, 2005-Present
- American Historical Association: Member, 2005-2015, 2017-2021.
- American Society for Bioethics and Humanities: 2008-2014