

Daphne Oluwaseun Martschenko, PhD, MPhil
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Curriculum Vitae
(Updated May 2026)

A. PERSONAL INFORMATION

Name: Daphne Oluwaseun Martschenko, PhD, MPhil
Title: Assistant Professor
Address: Stanford Center for Biomedical Ethics
Edwards Research Building
300 Pasteur Drive
2nd Floor, Room R229
Stanford, CA 94305-5417
U.S.A.
Languages: English (Native), Russian (Intermediate-Advanced)

Research Interests

(Bio)ethics; Ethical Legal and Social Implications (ELSI) Genetics; Responsible Conduct of Research (RCR); Science, Technology, and Society (STS); Community/Public Engagement; Research Ethics; Postgenomic Era; Genetics and Society; Mixed-methods; Interdisciplinary Research; Adversarial Collaboration

Areas of Teaching Competence

ELSI Genetics; (Bio)ethics; RCR; Research Ethics; STS; Genetics and Society; Qualitative/Mixed-methods; Community Engaged Methods; Adversarial Collaboration

Skills

Qualitative and Mixed-methods Research; Thematic Analysis; Grounded Theory; Semi-structured Interviews; Focus Groups; Community/Public Engagement; NVivo Qualitative Software; Dedoose Qualitative Software; Secondary Data Analysis; Public Speaking [British Broadcasting Company (BBC) Media Trained]

B. EDUCATIONAL BACKGROUND

Degrees

University of Cambridge

PhD: Education

October 2015-July 2019

- *PhD Dissertation:* [The New Borderland: A Mixed-methods Examination of Teacher Perceptions of Intelligence, Race, and Socioeconomic Status in Relation to Behavior Genetics](#)
 - *Advisors:* Anna Vignoles (University of Cambridge), Jo-Anne Dillabough (University of Cambridge)
 - *Examiners:* Prudence Carter (University of California Berkeley), Ben Alcott (University of Cambridge)
- Culture, Politics, and Global Justice Research Group (CPGJ); Race, Empire, and Education (REE) Research Collective

MPhil (with distinction): Politics, Development, and Democratic Education

October 2014-October 2015

- *MPhil Dissertation:* Survival of the 'Gifted and Talented': The Narrative of Minority Underrepresentation, a Mixed-methods Approach
 - *Advisors:* Anna Vignoles (University of Cambridge)
 - *Examiners:* Hilary Cremin (University of Cambridge); Jo-Anne Dillabough (University of Cambridge)

Stanford University

Bachelor of Arts (with distinction): Anthropology (medical); Slavic Studies

September 2010-June 2014

- Phi Beta Kappa; GPA 3.88/4.0

C. PROFESSIONAL APPOINTMENTS

Research Appointments

Affiliate Faculty, Stanford Institute for Advancing Just Societies

September 2025-Present

Assistant Professor (NTL-R), Stanford University

November 1 2022-October 31, 2026

Member , ClinGen Ancestry & Diversity Working Group	May 2021-June 2025
Scholar-in-Residence , Brocher Foundation, Hermance, Switzerland	September 2023
Bio Futures Fellow , Stanford University	November 2020-June 2021
Consultant , Stanford Research Ethics Consultation Service	August 2020-Present
Postdoctoral Research Fellow , Stanford University	August 2020-October 2022
Visiting Scholar , Hastings Center & Yale Interdisciplinary Center for Bioethics	December 2018
Research Assistant , Cambridge University	May 2018-September 2018

Other Appointments

Team Lead, University of Chicago August 2019-September 2020

- Oversaw team conducting research and data analysis at the [Center for RISC](#) - an innovation lab committed to addressing some of society's most intractable issues; founded by Professor Steven Levitt, coauthor of *Freakonomics*
- Coordinated day-to-day logistics to enhance office communication and workflow

Research Analyst, University of Chicago January 2019-August 2019

- Conducted research and analysis at the [Center for RISC](#)
- Employed radical innovation to bring new perspectives to pressing social issues in education, health care, and criminal justice reform.
- Worked with non-profits and government stakeholders to translate ideas into reality. Key projects included:
 - Advocating for teaching data science in school-based education; conducting secondary data analysis on the efficacy of current US mathematics education for workforce productivity and a survey of American adults experiences using high school math after graduation
 - Balancing advancements in technology and social media with key ethical considerations to improve individual well-being and mental health

D. AWARDS AND HONORS

YEAR	ITEM
2025-26	Alex Ramlie College Faculty Fellow (Spring Quarter 2025-2026)
2024	Scientist Spotlight Initiatives
2023	SN Top-10 Scientists to Watch (The first bioethicist to receive this honor)
2015-18	Schultz Bursary Award, <i>Cambridge University</i>
2015-18	Cambridge Trust Scholarship, <i>Cambridge University</i>
2017	Bye-Fellowship Finalist, <i>Magdalene College, Cambridge University</i>
2015	Santander Award for MPhil Distinction, <i>Cambridge University</i>
2014-15	Horobin Award, <i>Homerton College, Cambridge University</i>
2014-15	NCAA Postgraduate Scholarship
2014	Phi Beta Kappa; Donald M. Kennedy Award for Academic and Athletic Excellence, <i>Stanford University</i>
2012-14	Pacific Coast Conference (Pac-12) All-Academic Rowing Team; Pac12 Champion; Collegiate Rowing Coaches Association Scholar Athlete Award
2011-14	Dean's Award for Academic Excellence, <i>Stanford University</i>

E. SCHOLARLY PUBLICATIONS

Peer Reviewed Publications

* Denotes equal authorship

Original Research (Peer-reviewed Journal Articles)

1. Stafford-Gomez, J.L., Vaunado, J. II, Champion, M.W., Clark, C., Murray, B.C., Niehaus, A.D., Stevenson, D.A., Tise, C.G. **Martschenko, D.O.** A qualitative interview study of medical genetics and genomics residents' perspectives on race and racism in clinical settings and their related gaps in knowledge - "It's just taboo. Nobody talks about it." *Journal of Genetic Counseling* 2026 Jun;35(3):e70216. <https://doi.org/10.1002/jgc4.70216>.

2. Ortiz, E., **Martschenko, D.O.**, Bombalicki, M., Horan, S., Llorin, H. Clinical Genetic Counselors' (GCs) Perspectives on Preimplantation Genetic Testing for Monogenic Conditions (PGT-M) with Reduced Penetrance: A Mixed Methods Study. *Journal of Genetic Counseling* (2026), Jan 30; 35(2): Served on Master's thesis committee for first author and provided expertise in qualitative methods and ELSI genetics. Revised initial manuscript draft and revised version pre-submission. Reviewed manuscript ahead of resubmission. <https://doi.org/10.1002/jgc4.70180>
3. Thompson, M. E., Trejo, S., Alvero, A. J., & **Martschenko, D.O.** Policing the Boundaries of Blackness: How Black and White Americans Evaluate Racial Self-Identifications. *American Journal of Sociology* (2026), March 1; 131(5): 1147-1181
<https://doi.org/10.1086/740028>
4. **Martschenko, D.O.**, Giri, A. A qualitative study of the roles and responsibilities of academic and journalistic publishing in social and behavioral genomics. *Behavior Genetics* (2025), Dec 9; 0(0): <https://doi.org/10.1007/s10519-025-10245-x>
5. Nguyen, M. M., Mahfoozi, S., Bonner, D., **Martschenko, D. O.**, Giri, A., Tang, C., Bernstein, J. A., Wheeler, M. T., & Halley, M. C. "Nobody listened to us for years": Parents' experiences of provider communication in the diagnostic odyssey. *Molecular Genetics and Metabolism* (2025), Dec 1; 146(4): 109283.
<https://doi.org/10.1016/j.ymgme.2025.109283>
Served on Master's thesis committee for first author. Revised initial manuscript draft and revised version pre-submission; co-led revisions to revised manuscript.
6. Huang, S. D., **Martschenko, D.**, Scherer, C. R., Chiang, K. F., Chang, K., & Naik, H. Genetic exceptionalism and genomic contextualism among Asian Americans: A qualitative study. *Journal of Community Genetics* (2025), Nov 18; 17(1): 2.
<https://doi.org/10.1007/s12687-025-00838-8>
Served on Master's thesis committee for first author. Introduced the conceptual frameworks of genetic contextualism and strategic essentialism.. Revised initial manuscript draft and revised version pre-submission.
7. Matthews, L. J.*, **Martschenko, D. O.***, Lewis, C., & Sabatello, M. Intersectionality in a sociogenomic world: How do race, disability, socioeconomic status, and polygenic prediction interact to affect perceptions of educational trajectories? *Genetics in Medicine* (2025), Apr 1; 27(4): 101368.
[https://www.gimjournal.org/article/S1098-3600\(25\)00015-2/fulltext](https://www.gimjournal.org/article/S1098-3600(25)00015-2/fulltext)
8. **Martschenko, D. O.**, Granucci, A. & Cho, M. K. "Ethical Responsibility Very Often Gets Drowned Out": A Qualitative Interview Study of Genome Scientists' and ELSI Scholars' Perspectives on the Role and Relevance of ELSI Expertise. *AJOB Empirical Bioethics* (2024), Oct 1; 15(4): 312–323.
<https://www.tandfonline.com/doi/full/10.1080/23294515.2024.2370769>
9. Matthews, L. J.*, Zhang, Z. & **Martschenko, D. O.*** Schoolhouse risk: Can we mitigate the polygenic Pygmalion effect? *Acta Psychologica* (2024), Aug 1; 248: 104403.
<https://www.sciencedirect.com/science/article/pii/S0001691824002804>
10. Crossnohere, N. L., Campoamor, N.B., Camino, E., Dresnick, E., **Martschenko, D.O.**, Rodrigues, V., Apkon, S., Hazlett, A., Mittur, D., Rodriguez, P.E., Bridges, J.F.P., Armstrong, N. Barriers to diverse clinical trial participation in Duchenne muscular dystrophy: Engaging Hispanic/Latina caregivers and health professionals. *Orphanet J Rare Dis* (2024), May 21; 19(1): 207.
<https://doi.org/10.1186/s13023-024-03209-7>
Served on advisory committee for Duchenne muscular dystrophy engagement project led by Norah Corssnohere. Revised initial manuscript draft and revised version pre-submission. Reviewed manuscript again during revise and resubmit process.
11. **Martschenko, D.O.** Callier, S.L., Garrison, N.A., Lee, S.S., Turley, P., Meyer, M.N., Parens, E. Wrestling with Public Input on an Ethical Analysis of Scientific Research. *Hastings Center Report* (2023), Apr 20; 53(S1): S50-S65.
<https://onlinelibrary.wiley.com/doi/abs/10.1002/hast.1478>
12. Wand, H.*, **Martschenko, D. O.***, Smitherman, A., Michelson, S., Pun, T., Witte, J.S., Scott, S.A., Cho, M.K., Ashley, E.A. Re-envisioning Community Genetics: Community Empowerment in Preventive Genomics. *Journal of Community Genetics* (2023), Oct 23; 14(5): 459-469.
<https://link.springer.com/article/10.1007/s12687-023-00638-y>
13. **Martschenko, D.** Normalizing Race in Gifted Education: Public Education, Genomics, and Spaces of White Exceptionalism. *Critical Studies in Education* (2021), Oct 7; 64(1): 67–83.
<https://www.tandfonline.com/doi/abs/10.1080/17508487.2021.1978517>

14. **Martschenko, D.** The Elephant in the Room: Social Responsibility in the Production of Sociogenomics Research. *Biosocieties* (2021), Jul 3; 17: 713–731.
<https://doi.org/10.1057/s41292-021-00239-3>
15. **Martschenko, D.** Embodying Biopolitically Discriminate Borders: Teachers' Spatializations of Race and Power. *Discourse: Studies in the Cultural Politics of Education* (2020), Jan 2; 43(1): 101-114.
<https://doi.org/10.1080/01596306.2020.1813089>
16. **Martschenko, D.** 'DNA Dreams' Teachers' Perceptions on the Role and Relevance of Genetics for Education. *Research in Education* (2019), Aug 21; 107(1): 1-22.
<https://journals.sagepub.com/doi/full/10.1177/0034523719869956>

Peer Reviewed Other (i.e., Peer-Reviewed Commentaries, Review Articles, and Editorials)

Invited Review Articles

1. **Martschenko, D. O.**, Lee, S. S.-J., Meyer, M. N. & Parens, E. Social and Behavioral Genomics: On the Ethics of the Research and Its Downstream Applications. *Annual Review of Genomics and Human Genetics* (2025) Apr 1; 26: 8.1-8.23.
<https://www.annualreviews.org/content/journals/10.1146/annurev-genom-011224-015733>

Invited Perspectives/Commentaries

1. **Martschenko, D. O.** Ethics of genomic research on occupational status. *Nature Human Behavior* (2025), Dec 23; 9: 245-247.
<https://doi.org/10.1038/s41562-024-02082-5>
2. Fox, B. M. & **Martschenko, D. O.** Placing Publics in Public Health Genomics. *Public Health Genomics*. (2023) Dec 21; 27: 23–29.
<https://doi.org/10.1159/000535942>
3. Moorthie, S.*, **Martschenko, D. O.*** & Fatumo, S.* Are we nearly there yet? Starts and stops on the road to use of polygenic scores. *Journal of Community Genetics*.(2023), Sep 27; 14: 439–440.
<https://doi.org/10.1007/s12687-023-00672-w>
4. **Martschenko, D. O.**, Matthews, L. J., & Sabatello, M. Social and Behavioral Genomics: What Does It Mean for Pediatrics? *The Journal of Pediatrics*. (2024), Jan; 264: 113735.
<https://doi.org/10.1016/j.jpeds.2023.113735>
5. Trejo, S.*, **Martschenko, D.O.*** Beware the phony horserace between genes and environments. *Brain and Behavioral Sciences*. (2023), Sep 11; 46: e228.
<https://www.cambridge.org/core/journals/behavioral-and-brain-sciences/article/abs/beware-of-the-phony-horserace-between-genes-and-environments/B45CF0B49AB1DE6E26EE1A82F3811591>
6. Fox, B., & **Martschenko, D. O.** Rethinking the “Public” and Rethinking “Engagement.” *The American Journal of Bioethics*. (2023), Jun 20; 23(7): 66-68.
<https://doi.org/10.1080/15265161.2023.2207517>
7. Ray, K., Fletcher, F. E., **Martschenko, D. O.** & James, J. E. Black Bioethics in the Age of Black Lives Matter. *Journal of Medical Humanities* (2022) Feb 8; 44: 251–267.
<https://link.springer.com/article/10.1007/s10912-023-09783-4>
This is a collection of pieces, each written by an individual author. I wrote the section: Martschenko, D.O., Towards an Intersectional Bioethics: Learning from Social Activist Movements Like Black Lives Matter.
8. **Martschenko, D.O.**, Young, J.L. Precision Medicine Needs to Think Outside the Box. *Frontiers in Genetics*. (2022), Apr 25; 13: 795992.
<https://www.frontiersin.org/article/10.3389/fgene.2022.795992>
9. **Martschenko, D. O.**, Smith, M. “Genes Do Not Operate in a Vacuum, and Neither Should Our Research.” *Nature Genetics*. (2021), Mar 8; 53: 255–256.
<https://doi.org/10.1038/s41588-021-00802-5>
10. **Martschenko, D.** (2020). ‘The Train Has Left the Station’: The Arrival of the Biosocial Sciences in Education. *Research in Education* (2020), Aug 1; 107(1): 3-9.
<https://journals.sagepub.com/doi/10.1177/0034523720914636>
17. **Martschenko, D.**, Domingue, B., Trejo, S. Genetics and Education: Recent developments in the context of an ugly history and an uncertain future. *AERA Open* (2019), Jan 1; 5(1): 1-15.
<https://journals.sagepub.com/doi/full/10.1177/2332858418810516>

Perspectives/Commentaries

1. Popejoy, A.B., Ritter, D.I., Azzariti, D., Berg, J.S., Bulkley, J.E., Cho, M., Gonzaga-Jauregui C., Klein, T.E., **Martschenko, D.O.**, et al '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), Feb 6; 112(2): 215-223.
<https://doi.org/10.1016/j.ajhg.2024.12.009>
Part of the ClinGen Ancestry & Diversity JEDI Action Plan working group. Met via Zoom as a group to devise plan, edited initial and subsequent versions of the manuscript, contributed language to manuscript around the 2024 NASEM report on the use of race and ethnicity in biomedical research.
2. Lowe, C., Gomez-Stafford, J. & **Martschenko, D. O.** Incorporating multiracial and multiethnic experiences into genetic counseling practice and research: A necessary opportunity. *Journal of Genetic Counseling*. (2024), Oct 7; 34(2): e1976.
<https://onlinelibrary.wiley.com/doi/abs/10.1002/jgc4.1976>
3. Ventresca, C., **Martschenko, D. O.**, Wedow, R., Civelek, M., Tabery, J., Carlson, J., Parker, S. C. J., & Ramos, P. S. The methodological and ethical concerns of genetic studies of same-sex sexual behavior. *The American Journal of Human Genetics*. (2024), Oct 3; 111(10): 2107-2116.
<https://doi.org/10.1016/j.ajhg.2024.08.007>
Conceptualized the design of Table 1 and helped lead development of section of recommendations. Reviewed and revised initial and subsequent versions of the manuscript.
4. Patel, R. A., Ungar, R. A., Pyke, A. L., Adimoelja, A., Chakraborty, M., Cotter, D. J., Freund, M., Goddard, P., Gomez-Stafford, J., Greenwald, E., Higgs, E., Hunter, N., MacKenzie, T. M. G., Narain, A., & **Martschenko, D. O.** Increasing equity in science requires better ethics training: A course by trainees, for trainees. *Cell Genomics*. (2024) May 8; 4(5): 100554.
[https://www.cell.com/cell-genomics/fulltext/S2666-979X\(24\)00120-4](https://www.cell.com/cell-genomics/fulltext/S2666-979X(24)00120-4)
5. Saylor, K. W., & **Martschenko, D. O.** Promoting diagnostic equity: Specifying genetic similarity rather than race or ethnicity. *Journal of Medical Ethics*. (2023), Sep 15; 49: 820-821.
<https://doi.org/10.1136/jme-2023-109449>
6. Matthews, L.* , **Martschenko, D. O.***, Sabatello, M. The Value of Intersectionality for Genomic Research on Human Behavior. *Genetics in Medicine*. (2023), Jul; 25(7): 100860
[https://www.gimjournal.org/article/S1098-3600\(23\)00873-0/fulltext](https://www.gimjournal.org/article/S1098-3600(23)00873-0/fulltext)
7. **Martschenko, D. O.***, Wand, H.* , Young, J. L.* & Wojcik, G. L.* Mind the gap: how multiracial individuals get left behind when we talk about race, ethnicity, and ancestry in genomic research. *Nature Genetics*. (2023), May 18; 55: 895–900
[nature.com/articles/s41588-023-01394-y](https://www.nature.com/articles/s41588-023-01394-y)
8. Gordon, R.L., **Martschenko, D.O.**, Nayak, S., Niarchou, M., Morrison, M.D., Bell, E., Jacoby, N., Davis, L.K. Confronting Ethical and Social Issues Related to the Genetics of Musicality. *Annals of the New York Academic of Sciences*. (2023), Apr 2023; 1152(1): 5-14.
<https://nyaspubs.onlinelibrary.wiley.com/doi/10.1111/nyas.14972>
Participated extensively in manuscript conception and drafting. Helped to develop Figure 1 in the manuscript (The Responsible Research Cycle) and contributed ethical expertise.
9. Sabatello, M., **Martschenko, D. O.**, Cho, M. K. & Brothers, K. B. Data sharing and community-engaged research. *Science*. (2022), Oct 13; 378: 141–143.
<https://www.science.org/doi/10.1126/science.abq6851>
Participated extensively in manuscript conception, drafting, and finalizing.
10. **Martschenko, D. O.***, & Trejo, S.* Ethical, Anticipatory Genomics Research on Human Behavior Means Celebrating Disagreement. *Human Genetics and Genomics Advances*. (2022), Jan 13; 3(1): 100080.
<https://doi.org/10.1016/j.xhgg.2021.100080>
11. **Martschenko, D. O.**, Domingue, B.W., Trejo S., Matthews L. J. FoGS Provides a Public FAQ Repository for Social and Behavioral Genomic Discoveries. *Nature Genetics*. (2021), Sep 6; 53: 1272–1274.
<https://www.nature.com/articles/s41588-021-00929-5>
12. **Martschenko, D.**, Martinez-Martin, N. What About Ethics in Design Bioethics? *American Journal of Bioethics*. (2021), May 26; 21(6): 61-63.
<https://www.tandfonline.com/doi/full/10.1080/15265161.2021.1915415>

Books

1. Trejo, S., **Martschenko, D.O.**, What We Inherit: How New Technologies and Old Myths Are Shaping Our Genomic Future (Princeton University Press, 2026).
<https://press.princeton.edu/books/ebook/9780691237749/what-we-inherit>

Book Chapters

1. **Martschenko, D. O.** Social and Behavioural Genomics and the Ethics of (In)Visibility. in *Social and Behavioural Genomics and the Ethics of (In)Visibility* 9–27 (Bristol University Press, 2023).
<https://doi.org/10.56687/9781529223330-003>

Doctoral Thesis

1. **Martschenko, D.** (2019). The New Borderland: A Mixed-methods Examination of Teacher Perceptions of Intelligence, Race, and Socioeconomic Status in Relation to Behavior Genetics (Doctoral Thesis). *University of Cambridge*
<https://doi.org/10.17863/CAM.40448>

Under Review – Peer Reviewed Original Research

1. Chiriboga, E., Young, J.L., **Martschenko, D.O.**, Wojcik, G.L., Wand, H., Hoell, C. Multiracial Individuals' Perspectives on Participating in Genetics Research (R&R submitted April 2026). *Journal of Genetic Counseling*
Served on Master's thesis committee for first author and provided expertise in qualitative methods and engagement approaches. This project built on a commentary I co-first-authored in Nature Genetics that was published May 2023. Revised initial manuscript draft and revised version pre-submission.
2. Thompson, M. E., Trejo, S., Alvero, A. J., & **Martschenko, D.O.** "They have Black in their Blood": Experimental evidence on the situational deployment of racial schemas. (submitted February 2026). *Sociology of Race and Ethnicity*
3. Ungar, R., **Martschenko, D.O.**, Reuter, C., Halley, M., Martinez-Martin, N. "Expanding ELSI Beyond the Genome" (submitted February 2026). *American Journal of Bioethics*
4. Thompson, M. E., Trejo, S., Alvero, A. J., & **Martschenko, D.O.** "Being Black is not just some costume": Racial consistency and the process of boundary policing (submitted October 2025). *Social Forces*

Non-Peer Reviewed Reports

1. Meyer, M.N., Appelbaum, P.S., Benjamin, D.J., Callier, S.L., Comfort, N., Conley, D., Freese, J., Garrison, N.A., Hammonds, E.M., Harden, K.P., Lee, S.S., Martin, A.R., **Martschenko, D.O.**, Neale, B.M., Palmer, R.H.C., Tabery, J., Turkheimer, E., Turley, P., Parens, E. Wrestling with Social and Behavioral Genomics: Risks, Potential Benefits, and Ethical Responsibility (2023) *Hastings Center Report*
<https://onlinelibrary.wiley.com/doi/abs/10.1002/hast.1477>
Served on steering committee of three-year Hastings Center/Geisinger project that culminated in this report.
2. **Martschenko, D. O.***, Matthews, L. J.* (2020). Genomics, Behavior, and Social Outcomes. *Hastings Center*.
<https://www.thehastingscenter.org/briefingbook/genomics-behavior-and-social-outcomes/>
3. Duraiappah, A.K*., Atteveldt, N.M. van*., Borst, G., Bugden, S., Ergas, O., Gilead, T., Gupta, L., Mercier, J., Pugh, K., Singh, N.C. and Vickers, E. A. (eds.) (2022) Reimagining Education: The International Science and Evidence based Education Assessment. New Delhi: UNESCO MGIEP.
<https://bit.ly/3FHnlQE>
Contributing author to Chapter on "Education and Human Flourishing"

Digital Publications

Live Science

- February 2026: [Emerging embryo-selection technologies are currently 'little more than snake oil.' But someday, they could widen social inequities](#)

Hastings Center Bioethics Forum

- January 2026: [More and "Better" Babies: The Dark Side of the Pronatalist Movement](#)

- October 2024: [The Alarming History Behind Trump’s “Bad Genes” Comments](#)
- January 2020: [Transcending Borders in the Ethical Oversight of Human Genome Editing](#)

The San Francisco Standard

- November 2024: [Silicon Valley’s tech elite want to make superbabies. They shouldn’t](#)

Scientific American

- May 2022: [Scientists Must Consider the Risk of Racist Misappropriation of Research](#)

Bioethics.Net

- September 2021: [Why care about social and behavioral genomics?](#)
- June 2021: [Multiracial Healthcare: What About Us?](#)

BOLD-Blog

- May 2019: [What does genetics mean for educational equity?](#)

Faculty of Education Research Students’ Association

- January 2019: [The Challenges of Research Access and Accessible Research](#)
- November 2017: [Race, Education, and Empire: A Research Collective](#)
Reposted by The Sociological Review
- February 2017: [Historically Burdened Concepts in Education](#)

Culture, Politics, and Global Justice (2019)

- January 2019: [Breaking Down Academic Silos: An Example From a Historically-burdened Field](#)

The Independent, London, United Kingdom

- January 2018: [The IQ Test Wars: Why Screening for Intelligence is Still So Controversial](#)

The Conversation UK, London, United Kingdom

- January 2017: [Biosocial Science: The murky history of the nature and nurture debate](#)
- July 2016: [Can genes really predict how well you’ll do academically?](#)
- April 2016: [Genetics: What it is that makes you clever and why it’s shrouded in controversy](#)

Center for Genetics and Society, Berkeley, California

- October 2016: [Collaborative Science on Historically Burdened Concepts: Intelligence, Genetics, Race & Socio-economic Status](#)

Annotated Reading Lists

1. Donovan, Brian M., **Martschenko, D. O.** (2021). Race, Genetics, and Genetics Education. ELSIhub Collections. <https://elsihub.org/news/elsihub-collections-race-genetics-and-genetics-education>

F. GRANTS

Current Funding

YEAR	ITEM	ROLE
Jul 2025- Jul 2026	Faculty Seed Grant Program, <i>Institute for Advancing Just Societies</i> Principal Investigator: Daphne O. Martschenko	PI
Feb 2024- Feb 2029	K01HG013352-01, <i>National Human Genome Research Institute</i> Principal Investigator: Daphne O. Martschenko	PI

Past Funding

YEAR	ITEM	ROLE
2021-22	RM1HG007257, <i>Columbia University Center for Research on ELSI of Psychiatric, Neurologic & Behavioral Genetics, Columbia University Precision Medicine & Society</i> Principal Investigator: Lucas J. Matthews	Co-I
2020-2021	RM1HG007257, <i>Columbia University Center for Research on ELSI of Psychiatric, Neurologic & Behavioral Genetics</i> Principal Investigator: Paul Appelbaum	Co-I

G. TEACHING & ADVISING EXPERIENCE

Teaching During Stanford Appointment

National and Regional

Stanford University

Guest Lecturer, *Patient Advocate Training in Health Sciences Program*, Stanford California *Winter Quarter 2026*
Training program for individuals interested in becoming or who are patient advocates. Co-organized by Steve Goodman and Lisa Goldman-Rosas.

- Delivered lecture on the Ethics of Clinical Research

Primary Co-Instructor, *COLLEGE 117*, Stanford, California. *Spring Quarter 2025-Present*
Course examines how the medical knowledge that builds and is generated by biotechnologies reflects and may contribute to global injustice in healthcare outcomes. Focuses on three areas of biotech: genomics, artificial intelligence and digital health technologies. Co-Primary Instructor with Nicole Martinez Martin. Part of the COLLEGE program, which is for all Stanford freshmen

Faculty Co-Sponsor, *GENE220*, Stanford, California *Spring Quarter 2022-Present*
Course examines the past, present, and future relationship between human genetics and society to evaluate the ethical implications of genetic research. Topics include the intersection between science and society; community-engaged research; race, ancestry, and identity; and behavioral genetics. Faculty co-sponsor for 2022-2023, 2023-2024, and 2024-2025 academic years. Formerly offered as BIOS 232; served as secondary instructor for BIOS 232

Primary Instructor, *OSPOXFRD 84*, Oxford, United Kingdom *Winter Quarter 2025*
Course examines introduces students to a range of social and ethical issues and analytical approaches pertaining to social and behavioral genomics. Students will be asked to consider and weigh the risks, benefits, and ethical responsibilities of this rapidly growing and evolving field. Students will come to understand: (1) SBG researchers' motivations for studying in this staunchly polarizing area; (2) critics' concerns about the potential risks and social harms of SBG; (3) past, current, and future applications of SBG data; and (4) the implications of the conduct and translation of SBG for equity and justice.

Guest Lecturer, *Health Equity Ambassadors Program*, Stanford, California *Winter Quarter 2024, 2025*
Training program developed by the Stanford Office of Community Engagement together with the Stanford Cancer Institute Office of Cancer Health Equity, co-sponsored by Stanford Spectrum Center for Clinical and Translational Research and Education. A professional development program that provide straining in research and selected health equity topics to a cohort of community members each year.

- Delivered lecture on informed consent.

Guest Lecturer, *HUMBIO 2A and B*, Stanford, California *Fall Quarter 2021-Present*
Course provides overview of human origins, demographic patterns and trends, the development of social structures, and the transmission of cultural practices. highlight issues of inequality, justice, and what it means to be social creatures. Required for undergraduate majors in human biology.

- Delivered lectures on social responsibility in human genetics and foundations of bioethics

Guest Panelist, *MD Year 1*, Stanford, California *Fall Quarter 2024*

- Session on Race and Genetics

Guest Lecturer, *BIO 85*, Stanford, California *Winter Quarter 2023, 2024, 2026*
Course provides instruction on the fundamental principles of evolutionary biology from natural and sexual selection to the formation of new species. To understand these concepts, student delve into the mechanisms that

underlie them. The course also links these fundamental processes to important contemporary evolutionary topics such as the evolution of behavior, life history evolution, and human evolution.

- Delivered lectures on social responsibility in human genetics and foundations of bioethics

Guest Lecturer, *EPI 224*, Stanford, California

Winter Quarter 2023, 2024

Course covers fundamental concepts and methods in genetic epidemiology, with examples from genetic studies of common, complex diseases (e.g., cancer). It provides an overview of various study designs and covers fundamental analyses, inferences, and their strengths and limitations.

- Delivered lectures on social responsibility in human genetics and the ethical and social implications of polygenic scores and genome-wide association studies

Primary Course Instructor, *MED255*, Stanford, California

August 2020-June 2024

Required training course for all new graduate students, principal investigators, and federal research grantees on the foundations of responsible conduct of research

- August 2020-June 2023, oversaw small-group instruction for Responsible Conduct of Research (MED 255) course at the Stanford School of Medicine
- June 2023-June 2024, course instructor.

Guest Lecturer, *GENE 286*, Stanford, California

Winter Quarter 2024

Required course for genetic counseling students. Aims to develop students' advanced counseling skills through formal analysis and discussion of their clinical experiences and integration of counseling theories. Students learn about relevant professional issues through a combination of presentations and activities.

- Delivered lectures on community engagement

[The Hastings Center](#)

ELSI Course Co-Director, *Hastings Center Summer Bioethics Program*

2025

- Worked collaboratively with Hastings Center staff and fellow co-directors to design ELSI course curriculum for [Hastings Center Summer Bioethics Program](#)

Lecturer, *Hastings Center Summer Bioethics Program*, Virtual.

June 2023-Present

- Annual training program for undergraduates underrepresented in bioethics that is hosted by the Hastings Center.
- Delivered lecture on race, ancestry, and genetics (2023, 2024); and on social and behavioral genomics (2025, 2026)

[Harvard College](#)

Guest Lecturer, *Ethics & Genomics*, Harvard College, Virtual.

Spring 2025

- Discussion on the ethical, social, and policy implications of social and behavioral genomics

[University of Utah](#)

Guest Lecturer, *Philosophy of Race*, University of Utah, Virtual.

Spring 2024

- Discussion on the weaponization of genetics research.

Guest Lecturer, *Healthcare and the Gene*, University of Utah, Virtual

Spring 2023

- Discussion on social and behavioral genomics and social responsibility

[University of California, San Francisco](#)

Guest Lecturer, *ELSI of Genetic Counseling*, UCSF, San Francisco, USA

Spring 2023

- Discussion on the ELSI of social and behavioral genomics

[Career Ladder Education Program for Genetic Counselors \(CLEP-GC\)](#)

CLEP-GC is comprised of consortia sites University of Pennsylvania, Baylor College of Medicine, Northwestern University, Vanderbilt University and Washington University.

Fall 2023

- Recorded lecture entitled “Genomics Beyond Medicine”; covered social and behavioral genomics and real-world applications of the research. Lecture to be used for online learning indefinitely.

International

Faculty in Residence, *Stanford Bing Overseas Study Program*, Oxford, UK

Winter Quarter 2025

Faculty in Residence for BOSP Oxford Program. Instructor for seminar on The Promise and Perils of Social and Behavioral Genomics. Course fulfills Stanford's Ethical Reasoning requirement for WAYs and is listed under the undergraduate Human Biology program.

Guest Lecturer, *Introduction to Genetics, Ethics, and Society*, Muhimbili University of Health and Allied Sciences

Virtual

August 2024; June 2025

Course offered through Muhimbili University of Health and Allied Sciences in Collaboration with Tanzania Human Genetics Organization (THGO) and Stanford University. Examines the past, present, and future relationship between human genetics and society to evaluate the ethical implications of genetic research. Topics include the intersection between science and society; community-engaged research; race, ancestry, and identity; and behavioral genetics.

Teaching Prior to Stanford Appointment

National and Regional

Stanford University

Teaching Assistant and Lecturer, *HUMBIO 174*, Stanford, California

January 2021-March 2021

Elective course for undergraduate majors in human biology on the ethics of medicine and research on human subjects, social and behavioral genetics, stem cell research, and end of life. Required course for students in the Stanford Genetic Counseling program

- Familiarized students with foundational concepts in research and clinical ethics alongside Professor David Magnus
- Developed students' understandings of Social and Behavioral Genomics in lectures

Guest Lecturer, *Race in Science, Technology, and Medicine*, Stanford, California

October 2020

Elective course co-sponsored by 19 departments and programs across Stanford campus. Brings together scholars of color to explore intersections of race, racism, and scientific practice.

- **Moderated Talk:** Bones, Genomics, and the Ethics of (In)visibility
- **Presentation:** Genetics at the Schoolhouse Door: The Dreams and Necessities of Equitable Education

Russell Sage Foundation

Instructor, *Summer Institute in Social Science Genomics*, Stowe, Vermont

August 2021

Summer course for advanced PhD students, postdocs, and early career professors who are interested in incorporating genomic data in their research.

- Instructor on the Ethical, Legal, and Social Implications of genetics/genomics

International

Teaching Assistant, *Introduction to Sociology*, Cambridge, UK

October 2017-June 2018

- Guest lectured "Introduction to Sociology Part I" and "Introduction to Sociology Part II" courses at the University of Cambridge
- Developed students' understandings of classical sociological theorists in Part I and intersectional, feminist, and decolonial sociological frameworks in Part II.

Instructor, *Ringle English Tutoring*, Seoul, Korea

November 2016-January 2019

Instructed English to business professionals and university students from South East Asia through 1:1 online classes; Offered essay and CV editing services

Advisory Committee Service

Advisory Committee, [PgEd](#) National Science Foundation ReEDDoT grant

January 2025-Present

- Grant, which was awarded to Harvard College via NSF, was terminated in May 2025 but reinstated in February 2026

External Advisory Board, [LEED](#)

January 2024-Present

- LEED = Leadership in Equitable and Ethical Design

External Advisory Board, Undiagnosed Diseases Network *January 2024-April 2026*
Advisory Council, KL2 Community Engaged Research Advisory Council *June 2023-Present*
Advisory Committee, Diversity in clinical trials for Duchenne Muscular Dystrophy *August 2022-December 2023*

Student/Trainee Mentorship

American Society of Human Genetics

- Tania Fabo, Stanford School of Medicine, Mentor, 2024-2025
ASHG, in partnership with NHGRI, Biogen, GSK, Roche, and Merck & Co co-provide the Human Genetics Scholars Initiative, which is designed to help advance diversity, equity and inclusion in the field. I serve as a [Human Genetics Scholars Mentor to Tania Fabo](#): a MD-PhD student in genetics.

Stanford University

- Mikaela Saver, Thesis Advisory for Human Biology Undergraduate Honors Thesis, 2026-2027
- Conor Messer, Thesis Advisor for Public Policy Master's, 2025-2026
- Martin Blue, Thesis Advisor for Symbolic Systems co-term, 2025-2026
- Daisheau Player, MedScholars Advisor, June 2025-January 2026
- Sarah Huang, Stanford School of Medicine, Genetic Counselling Capstone Project, Advisory Committee Member, 2024-2025
- Rachel Ungar, SCBE T32 Training Program in ELSI Research Mentor, 2024-Present and Faculty Advisor and Co-sponsor for GENE 220, which Rachel Ungar and Roshni Patel co-led, 2022-2024
- Sarah Huang, Genetic Counselling Capstone Project, Advisory Committee Member, 2024-2025
- Chenery Lowe, SCBE T32 Training Program in ELSI Research Mentor, 2023-Present
- Quinn Waeiss, SCBE T32 Training Program in ELSI Research Mentor, 2023-Present
- Tami Gjorgjieva, Faculty Advisor and Co-sponsor for GENE 220, 2023-Present
- Alvina Adimoelja, Faculty Advisor and Co-sponsor for GENE 220, 2023-Present
- Michelle Nguyen, Genetic Counselling Capstone Project, Advisory Committee Member, 2023-2024
- Roshni Patel, Faculty Advisor and Co-sponsor for GENE 220, which Roshni Patel and Rachel Ungar co-led, 2022-2024
- Brandy Fox, SCBE T32 Training Program in ELSI Research, 2022-2024
- Justin Gomez-Stafford, Genetic Counselling Capstone Project, Primary Mentor, 2022-2023

Harvard University

- Emily Ortiz, Genetic Counselling Capstone Project, Advisory Committee Member, 2023-2024

Northwestern University

- Emilia Chiriboga, Genetic Counselling Capstone Project, Advisory Committee Member, 2023-2024

H. COMMUNITY AND PUBLIC ENGAGEMENT

Projects

Co-Facilitator, Stanford University Healthcare Preventive Genomics PFAC *May 2021-January 2023*

- Co-facilitate Patient and Family Partner Program (PFAC) on the inclusion of polygenic scores (PGS) in cardiovascular preventive health services
- Co-organized focus groups with PFAC members to discuss topics such as return of results, consent, access and equity that will shape the implementation of PGS in clinical settings

Steering Committee Member, The Hastings Center & Geisinger *March 2020-September 2022*

- Serve on steering committee member for interdisciplinary and collaborative three-year grant project entitled "Wrestling with Social/Behavioral Genomics: Risks, Potential Benefits, and Ethical Responsibility"
- Consider the risks and potential benefits of social/behavioral genomics, the history of eugenics and scientific racism, and health equity
- Chair the Sounding Board Committee, a 13-person group of non-academic community members from across the US

- Oversee community engagement on the risks, potential benefits, and ethical responsibilities of social and behavioral genomics

Public Events

What We Inherit: A Book Launch Discussion Stanford, CA February 2026

- [Public book launch event](#) for Daphne Martschenko and Sam Trejo; co-sponsored by Stanford Department of Human Biology and Stanford Center for Biomedical Ethics with moderators Jeremy Freese (Sociology) and Mildred Cho (Center for Biomedical Ethics)

Xeno In Vivo: A Multimedia Opera on Xeno-Transplantation, San Francisco Exploratorium March 2024

- In conversation with artist Heather Dewey-Hagborg following the screening of her multimedia opera “[Xeno in Vivo](#)” on xeno-transplantation

I. ADMINISTRATION AND SERVICE

Editorial Service

Special Issue Editor, *Journal of Community Genetics* November 2021-January 2024

- Guest editor for Special Issue [Global accessibility and applicability of polygenic scores](#). The issue examines developing PGS for use in diverse populations, ethical, legal and social issues in the use of PGS models, and policy issues surrounding the translation of polygenic analyses in healthcare

Associate Editor, *Research in Education* November 2020-November 2022

Special Issue Editor, *Research in Education* June 2018-August 2020

- Guest editor for Special Issue [Education, Biosocial Sciences, and the Popular Imagination](#). The issue examines the threats and possibilities to equitable public education posed by contemporary research in the biosocial sciences

Service to the Scientific Community

Scientific Peer Review

- Peer reviewer for journals including but not limited to: *Nature*, *Nature Genetics*, *Nature Human Behavior*, *Annals of Internal Medicine*, *Genetics in Medicine*, *Science*, *Behavior Genetics*, *Journal of Community Genetics*, *American Journal of Bioethics – Empirical*, *Research in Education*, *Biosocieties*

Grants Review

NIH Early Career Reviewer (ECR) Program

- [Early Career Reviewer \(ECR\) program](#) at the [Center for Scientific Review \(CSR\)](#), National Institutes of Health. Accepted February 2026

European Research Council

- Grants reviewer for the European Research Council Starting Grant 2023

Workshop Proceedings Review

Nuffield Foundation

- Reviewer for 2025 scoping report [Navigating genomics and education: insights, opportunities and challenges](#)

National Academies of Sciences, Engineering, and Medicine

- Reviewer for 2024 NASEM workshop proceedings for [Law Enforcement Use of Probabilistic Genotyping, Forensic DNA Phenotyping, and Forensic Investigative Genetic Genealogy Technologies](#)

University Administrative Service

Mentor, *Stanford Center for Biomedical Ethics T32 Program in ELSI Research*, Stanford, CA, USA March 2024-Present

- Work with postdoctoral trainees to develop their expertise in ELSI genetics

Steering Committee Member, *Stanford Teaching & Mentoring Academy*, Stanford, CA, USA January 2023-Present

- Represent basic sciences faculty on steering committee
- Advise on TMA’s coaching, education, and support of faculty in mentoring, course design, evaluation, and teaching

Faculty Panel Member, *Stanford Ethics & Society Review*, Stanford, CA, USA January 2023-Present

- Help researchers to mitigate the negative ethical and societal aspects of their research during the funding process
 - Work collaboratively with researchers to refine risk mitigation strategies related to proposed research's risks to society, subgroups within society, and globally
- Team Science Tuesday**, *Stanford Center for Biomedical Ethics*, Stanford, CA, USA *November 2022-Present*
- Organize speakers, term calendar, and advertising for SCBE's [Team Science Tuesday](#) a quarterly seminar series that utilizes case study presentations to illustrate how inclusive and diverse teams can facilitate successful translational/biomedical research
- Committee Member**, *LPCH Pediatric Ethics Committee*, Stanford, CA, USA *August 2020-Present*
- Attend monthly LPCH Ethics Committee meetings
- Co-organizer**, *Race, Empire, and Education Research Collective*, Cambridge, UK *January 2017-June 2024*
- Organize reading list, term calendar, and session facilitators for [research collective](#) interested in the role of race, racialization, and empire within education
- Board of Directors**, *Stanford Rowing Association*, Stanford, CA, USA *January 2021-January 2022*
- Co-direct 5013(c) to support current student-athletes and alumni of Stanford Rowing
- Co-founder**, *International Black Radicalism Research Group*, Cambridge, UK *May 2018-June 2019*
- Co-founded graduate [research group](#) funded by the Cambridge University Centre for Research in the Arts, Social Sciences, and Humanities
 - Organize bi-weekly reading groups and speaker events focused on the historical and present outlook of international black radicalism
- President**, *Cambridge University Women's Boat Club*, Cambridge, UK *May 2017-June 2018*
- Led the Cambridge University Women's Boat Club in preparation for 2018 Boat Race against Oxford
 - Oversaw rowing programming, culture and ethos, club administration, fundraising, and media communications
- Workshop Coordinator**, *Cambridge University*, Cambridge, UK *November 2014*
- Organized and led an open methodologies workshop on racial disparities in education for Politics, Development, and Democratic Education MPhil; applied critical social and race theory
- Captain**, *Stanford University Women's Rowing*, Stanford, CA, USA *May 2013-June 2014*
- Led Stanford Women's Rowing to its first Pac-12 Championship
 - Oversaw rowing program culture and ethos
- Advisor**, *Stanford University Partners in Academic Excellence*, Stanford, CA, USA *September 2012-June 2014*
- Oversaw incoming freshmen undergraduate students at Stanford University in their transition to collegiate-level academics and athletics

Justice, Equity, Diversity, and Inclusion

- Member**, *Stanford Center for Biomedical Ethics JEDI Committee*, Stanford CA, USA *July 2021-Present*
- Promote diversity and inclusion within the School of Medicine and throughout the entire Stanford community through education, research, training, clinical service, and programming
 - Spark dialogue around the structures of inequality in the field of science and society
 - Increase awareness of the diversity issues in medicine by addressing barriers and challenges
 - Promote the wellbeing of Stanford community by embracing multiple perspectives and backgrounds and creating an environment that cultivates unity, respect, and understanding
- Member**, *ClinGen DEI Action Plan Writing Group*, Virtual *August 2021-December 2023*
- Assist with development of ClinGen DEI Action Plan and ClinGen's plans for diversity.
 - Outline and implement strategies, goals, and deliverables for ClinGen that positively impact Diversity, Equity, and Inclusion in clinical genetics.
- Board of Directors**, *Blueprint Schools Network*, Needham, MA *June 2021-Present*
- Serve on board for nonprofit organization that uses a research-based framework of comprehensive reform strategies to accelerate student achievement in schools across the country
- Member**, *Black in Genetics*, Virtual *October 2020-Present*
- Dedicated to amplifying voices and work by Black-identifying geneticists across the US and beyond
 - Participate in #BlackinGeneticsWeek and build a [community](#) that celebrates Blackness and the field of Genetics
- Committee Member**, *HOCR/Gold Cup Grant Committee*, Boston, MA *September 2020-September 2022*

- Facilitate funding and mentorship support to youth rowing programs committed to racial and socioeconomic diversity in rowing

Director and Committee Member, *Camp Phoenix*, Oakland, CA, USA

June 2013- June 2018

- Served on Marketing and Analysis and Program Evaluation committees of [Camp Phoenix](#), a non-profit academic sleep-away summer camp for low-income youth in the Bay Area; Analyzed funding and donor data and evaluated the impact of Phoenix's academic programming on student achievement
- Worked as Summer Director in 2018, overseeing a staff of 50 and a cohort of 80+ children; Oversaw program finances, scheduling, staff training, and communications
- Employed as a counselor (2013), senior counselor and teaching assistant (2014-15), Operations Director (2016)

Advisor, *Stanford Black Recruitment and Orientation Committee*, Stanford, CA, USA

September 2012-June 2014

- Mentored incoming racially-defined minority freshmen undergraduate students at Stanford University in their transition to the academic, social, and cultural environment of Stanford

Service to Professional Organizations

Membership

Current

- Behavior Genetic Association
- American Society for Human Genetics (ASHG)
Affinity Groups: Ethical, Legal & Social Implications
- American Society for Bioethics and the Humanities (ASBH)
Affinity Groups: Ethical, Legal & Social Implications; Race & Culture/Ethnicity

Past

- American Educational Research Association (AERA)
Affinity Groups: Social Context of Education; Critical Examination of Race, Ethnicity, Class, and Gender in Education; Mixed Methods Research; Research on Giftedness, Creativity, and Talent
- British Educational Research Association (BERA)
- Population Association of America (PAA)

Committee Service

- ASBH Co-Chair, ELSI Affinity Group (October 2023 – Present)
- ASBH Co-Chair, Race, Culture, and Ethnicity Affinity Group (October 2023 – October 2025)

Professional Development

- 2025 Student- S285B: Qualitative Research Methods 2, University of California San Francisco
- 2024 Student- S285A: Qualitative Research Methods 1, University of California San Francisco
- 2024 Auditor– Race, Gender, Postcoloniality and Science, Technology & Medicine Studies, University of California San Francisco
- 2022 Student–Program Evaluation, University of California San Francisco
- 2022 Auditor–Introduction to R, Stanford University
- 2020-2022 Attendee–Postdoctoral Pedagogy Journal Club, Stanford Center for Postdoctoral Affairs, Stanford University
- 2020-2022 Student–Stanford University Office of Postdoctoral Affairs Teaching Certification Program
- 2021 Student–Qualitative and Mixed Methods Research, University of California San Francisco
- 2020 Attendee–Design Your Postdoc, Center for Postdoctoral Affairs, Stanford University
- 2020 Auditor–Human Molecular Genetics, Stanford School of Medicine, Stanford University
- 2016 Student–Introduction to R Statistical Programming, University of Cambridge

J. PRESENTATIONS

Presentations During Stanford Appointment

Invited Presentations

Keynotes

European Social Science Genetics Network, Annual Meeting *May 2026*
Bologna, Italy

- **Presentation:** Locating Social Responsibility in Social Genomics: Opportunities and Challenges

National Students in Bioethics Association, Annual Meeting *April 2024*
Virtual

- **Presentation:** My Journey into Bioethics

Association of Professors of Human and Medical Genetics, Annual Meeting *April 2024*
Stevenson, Washington, USA

- **Presentation:** Ethics & Inclusivity in Medical Genetics Education: Challenges and Paths Forward

Kinsman Conference, Oregon Health & Science University *April 2024*
Virtual

- **Presentation:** The Stories We Tell: The Forgotten Social Determinant of Health

National Human Genome Research Institute, Annual Trainee Meeting *April 2023*
Salt Lake City, Utah, USA

- **Presentation:** Behind the Genes: Understanding the Social in Social and Behavioral Genomics

Grand Rounds

Albert Einstein College of Medicine, Pediatrics Grand Rounds *January 2024*
Virtual

- **Presentation:** Social Responsibility and the Weaponization of Genetics Research

Stanford University, Pediatrics Grand Rounds *January 2023*
Stanford, California, USA

- **Presentation:** Social Responsibility and the Weaponization of Genetics Research

Stanford University, Medical Genetics Grand Rounds *November 2022*
Stanford, California, USA

- **Presentation:** Out from the Shallows, Into the Deep: Community Empowerment in Preventive Genomics

National and Regional

University of San Francisco, Department of Anthropology *May 2026*
San Francisco, California, USA

- **Presentation:** Locating Social Responsibility in Social Genomics: Opportunities and Challenges

Virginia Commonwealth University, Institute for Psychiatric and Behavioral Genetics *March 2026*
Richmond, Virginia, USA

- **Presentation:** Thinking Through Risk, Benefit, and Social Responsibility in Genomics

University of California Merced, Department of Philosophy *February 2026*
Merced, California, USA

- **Presentation:** Pronatalism, the Private Sector and Genetically “Optimized” Babies

ELSI Friday Forum, CERA ELSI Hub *January 2026*
Virtual

- **Presentation** (January 2026): Pronatalism, the Private Sector and Genetically “Optimized” Babies alongside Julia Brown, PhD and Katie Hasson, PhD

Mitchell Conference *September 2025*
University of Chicago, Chicago, Illinois, USA

- **Presentation:** Thinking Through Risk, Benefit, and Responsibility in Human Genetics
American Society for Human Genetics & National Human Genome Research Institute, Fellowship Colloquium *June 2025*
Virtual
- **Presentation:** Population Descriptors in Genomics
National Institutes of Health, Academy on Health Disparities *April 2025, December 2022*
Virtual
- **Panelist:** NIH Academy Career Panel
University of California, Berkeley, Kavali Center *September 2024*
Berkeley, California, USA
- **Presentation:** The Acid We Inherit: Social and Behavioral Genomics in the Context of an Ugly History and Uncertain Future
University of Pennsylvania, Research & Medical Ethics Seminar Series *May 2024*
Philadelphia, Pennsylvania, USA
- **Presentation:** The Acid We Inherit: Social and Behavioral Genomics in the Context of an Ugly History and Uncertain Future
American Society for Human Genetics, ELSI Webinar on Population Descriptors *February 2024*
Virtual
- **Presentation:** Including multiracial individuals is crucial for race, ethnicity and ancestry frameworks in genetics and genomics; Co-presented with Gen Wojcik PhD
Miriam Hospital (Brown University), Center of Biomedical Research Excellence (COBRE) for Stress, Trauma, and Resilience (STAR) *February 2024*
Virtual
- **Presentation:** Practical Approaches to Enhancing Fairness, Social Responsibility and the Inclusion of Diverse Viewpoints in Biomedicine
University of California Los Angeles, Frontiers in Statistical Genetics *February 2024*
Los Angeles, California, USA
- **Presentation:** Genomics Beyond Medicine: Risk, Benefit, and Social Responsibility
Grover Conference *October 2023*
Winter Park, Colorado, USA
- **Presentation:** Ethics of Precision Medicine
Harvard Chan School of Public Health, Program in Quantitative Genomics (PQG) *October 2023*
Cambridge, Massachusetts, USA
- **Presentation:** Genomics Beyond Medicine: Risk, Benefit, and Social Responsibility
Centers for Excellence in ELSI Research (CEER), Annual Meeting *June 2023*
- **Presentation:** Community Empowerment in Preventive Genomics
Cold Spring Harbor, Biology of Genomes *May 2023*
Cold Spring Harbor, New York, USA
- **Presentation:** Social Responsibility in Social and Behavioral Genomics
Princeton University, Department of Sociology *April 2023*
Princeton, New Jersey, USA
- **Presentation:** ‘They Have Black in Their Blood’: Genetic Ancestry Testing and Racial Boundary-Making Among Black Americans
University of Minnesota, Department of Psychology *April 2023*
Minneapolis, Minnesota, USA
- **Presentation:** Ethical, Anticipatory Genomics Means Celebrating Disagreement

International

- **D2R: DNA to RNA, Symposium** *April 2026*

Montreal, Canada

- **Equity, Diversity, and Inclusion Plenary Symposium:** *What We Inherit* book discussion with Sam Trejo.

Psychiatric Genetics Consortium Africa, Monthly Meeting

February 2026

Virtual

- **Presentation:** Challenging Race, Ethnicity, and Ancestry Frameworks in Genomics

University of Kyoto, Center for Applied Philosophy and Ethics

December 2025

Kyoto, Japan

- **Presentation:** The Acid We Inherit: Social and Behavioral Genomics in the Context of an Ugly History and Uncertain Future

University College London, UCL Human Genomics

March 2025

London, UK

- **Presentation:** Risk, Benefit, and Ethical Responsibility in Social and Behavioral Genomics

University of Oxford, Leverhulme Centre for Demographic Science

January 2025

Oxford, Oxfordshire, UK

- **Presentation:** The Acid We Inherit: Social and Behavioral Genomics in the Context of an Ugly History and Uncertain Future

International Genetic Epidemiology Society, Journal Club

October 2024

Virtual

- **Presentation:** Inclusion of multiracial individuals in genetics and genomics is imperative for equitable research; Co-presented with Gen Wojcik

Banff International Research Station Biobanking Workshop

July 2024

Virtual

- **Presentation:** From Human to Data and Back Again: Ethical Issues in Biobanking

National Academies of Sciences, Engineering, and Medicine

Public Workshop on Law Enforcement Use of Probabilistic Genotyping, Forensic DNA Phenotyping, and Forensic Investigative Genetic Genealogy Technologies

Washington, D.C., USA

March 2024

- **Panelist:** Setting the Stage: Considering Ethics, Equity, and Accountability
- **Panelist:** Future Research Needs
- **Moderator:** Genetic Phenotyping: Considerations for Implementation
- Also served as a reviewer for the [workshop proceedings](#)

Invited Roundtable Discussions, Symposiums, and Workshops

National and Regional

- **The Past, Present, and Future of Genomics**, MIT Knight Science Journalism Program, Boston (May 2026)
- **Educational Attainment Polygenic Scores: Expert Advisory Panel**, Hastings Center, Virtual (March 2026)
- **Bias and Equitable Use of Epigenetic Biomarkers in Diverse Populations**, Stanford Center for Comparative Studies in Race and Ethnicity Faculty Seminar Series. Presentation by Andres Cardenas with in-depth discussion moderated by Daphne Martschenko (March 2026)
- **A Reproductive Ethics Salon on Pronatalism**, University of California, Berkeley (Kavali Center) and University of California, San Francisco (Bioethics), Berkeley, CA, USA, (November 2025)
- **Ethics of Black Health**, McGovern Center for Humanities and Ethics, Virtual, (January 2025)
- **Representation of Race and Ethnicity in Genomics Research**, National Institute of Allergy and Infectious Diseases (NIAID), Virtual, (September 2024)
- **Genetic Ancestry and Perceptions of Race: Impacts in Social and Medical Contexts**, University of Pennsylvania, Philadelphia, Pennsylvania, USA, (May 2024)

- **Ethical Issues in Genetics Research on Autism**, University of Pennsylvania, Virtual, (November 2023)
- **The Genetic Architecture of Complex Traits**, National Human Genome Research Institute, Washington D.C., USA, (November 2023)
- **Politics and Governance of Societal Uses of Genomic Science: Comparing Three Nations**, Harvard University, Cambridge, Massachusetts, USA, (May 2023)
- **The Promise and Perils of Social and Behavioral Genomics**, National Human Genome Research Institute, Virtual, (January 2023)

International

- **The Biological and Neuro-affective Turn in Education: Towards a New Paradigm in the Genomic Era**, University of Milan Department of Social and Political Sciences, Virtual, (May 2025)
- **Ethics and Genetic Counseling Practice**, Monte Verità Congress Center (Ascona, Switzerland), Virtual, (April 2025)
- **Ethics, Genomics, and Education**, Nuffield Foundation and Nuffield Council on Bioethics, London, United Kingdom, (February 2025)
 - Product of workshop: <https://www.nuffieldbioethics.org/publication/ethics-genomics-and-education-findings-from-a-workshop-exploring-the-ethical-landscape-of-using-polygenic-indices-in-education/>
- **Untwisting the Ladder: the Use and Misuse of Behavioral Genetics Research**, International Behavioural and Neural Genetics Society (IBANGS) and the Behavior Genetics Association (BGA), Virtual, (November 2024)
- **Genomics & Beyond: A Decade in Review Ethics of Genome Editing**, Universitat Tubingen (Germany), Virtual, (February 2024)

Professional Society Meetings

International Neuroethics Society

Stanford, California, USA

April 2026

- **Panel** (presenter): Prenatal Diagnosis and Neurodevelopmental Conditions with Julia Brown and Dawn Gano

American Society for Bioethics & the Humanities

Portland, Oregon, USA

October 2025

- **Paper Presentation**: “This could be controversial, but not just in the usual way”: The roles and responsibilities of academic and journalistic publishing in social and behavioral genomics

St. Louis, Missouri, USA

September 2024

- **Panel** (moderator): Reimagining Black Health in the Age of Black Lives Matter. Including Shameka Thomas, Faith Fletcher, Jennifer James

Baltimore, Maryland, USA

October 2023

- **Panel** (panelist): Reimagining Black Health in the Age of Black Lives Matter. Including Keisha Ray, Faith Fletcher, Jennifer James

Behavior Genetics Association

Amsterdam, Netherlands

June 2026

- **Invited Plenary Symposium** (presenter): Public Understanding of Behavior Genetics. Including Robbee Wedow, Laurel Raffington, Evan Giangrande, Sarah Medland, Camille Williams, and Margot Weijer.

London, UK

June 2024

- **Symposium** (presenter): Harmful Mutation: addressing misuse, misapplication, misinterpretation of genetics. Including Aaron Panofsky, Eric Turkheimer, Evan Giangrande, Lucas J. Matthews

ELSI Congress

Chapel Hill, North Carolina, USA.

June 2026

- **Workshop**: Traineehub: Navigating Challenges and Developing Professional Skills for Successful ELSI Careers with Maya Sabatello, Anya Prince, Sheethal Jose, and Markia Smith
- **Paper Presentation**: The Ethical Matrix as a Tool to Mitigate Harms, Promote Benefits, and Locate Social Responsibility in Social and Behavioral Genomics

New York City, New York, USA

June 2024

- **Panel** (moderator): The ELSI of Engagement: Benefits and Challenges to Achieving a Just Genomics, including Meghan Halley, Chelsea Carter, Ryan Fischer
- **Panel** (presenter): Identifying and Combating the Threat and Enhancing the Promise of Social and Behavioral Genomics, including Lucas J., Matthews, Anya Prince, and Kriste Kuczynski

PacBio Symposium on Biocomputing

January 2024

Kona, Hawaii, USA

- **Workshop** (co-organizer): Practical Approaches to Enhancing Fairness, Social Responsibility and the Inclusion of Diverse Viewpoints in Biomedicine, including Mildred Cho, Krystal Tsosie, Nicole Martinez-Martin, Meghan Halley, and Carole Federico

American Society for Human Genetics

Washington D.C., USA

October 2023

- **Invited Session** (panelist): Wrestling with social and behavioral genomics: Risks, potential benefits, and ethical responsibility including Erik Parens, Michelle Meyer, Patrick Turley, Sandra Soo-Jin Lee, and Kathryn Paige Harden

Population Association of America

April 2023

New Orleans, Louisiana, USA

- **Paper Presentation:** ‘They Have Black in Their Blood’: Genetic Ancestry Testing and Racial Boundary-Making Among Black Americans

Presentations Prior to Stanford Appointment

Invited Presentations

National and Regional

ELSI Friday Forum, CERA ELSI Hub

December 2020

Virtual

- **Presentation** (December 2020): Addressing Racism in Research and Clinical Practice alongside Rhea Boyd, MD and Robert D. Steiner, MD

National Institutes of Health, Office of Minority Health

September 2022

Virtual

- **Presentation:** Community Empowerment in Preventive Genomics

University of Colorado, Boulder Institute for Behavior Genetics

September 2022

Boulder, Colorado, USA

- **Presentation:** Ethical, Anticipatory Genomics Research Celebrates Disagreement

Columbia University, Irving Institute for Clinical and Translational Research

February 2022

Virtual

- **Presentation:** Ethical, Anticipatory Genomics Research Celebrates Disagreement

National Center for Complementary and Integrative Health

August 2021

Virtual

- **Presentation:** Beyond Race? Genomics in the Context of an Ugly History and Uncertain Future

National Institutes of Mental Health

April 2021

Virtual

- **Presentation:** Beyond Race? Genomics in the Context of an Ugly History and Uncertain Future

National Institutes of Health, Department of Bioethics

April 2021

Virtual

- **Presentation:** Disrupting Silos: Adversarial Collaboration in Genetics and Genomics

Current Issues in Genetics, Stanford Department of Genetics

February 2021

Virtual

- **Presentation:** Genes Don’t Operate in a Vacuum, Neither Should Research

Summer DEMSEM: Population Science in Critical Perspective, University of Wisconsin

May 2019

Madison, Wisconsin, USA

- **Panel:** The Use and Production of Demographic Research

Presentation: The New Borderland: Genetics at the Schoolhouse Door

Polygenic Prediction and Its Application, Social Science Genetic Association Consortium

November 2018

Los Angeles, California, USA

- **Presentation:** "Adversarial Collaboration in the Context of an Ugly History and an Uncertain Future"

Invited Roundtable Discussions, Symposiums, and Workshops

International

Behavioural genetics, genomics, and ancestry, Early Intervention Foundation (United Kingdom), Virtual, (February 2021)

- Led to the creation of this report: <https://www.eif.org.uk/report/genetics-and-early-intervention-exploring-ethical-and-policy-questions>

Professional Society Meetings

American Society for Bioethics & the Humanities

Portland, Oregon, USA

October 2022

- **Workshop** (primary organizer): Intersectionality is a Buzzword: But What Does It Mean for Bioethics? Including Jennifer James and Uchenna Anani

Virtual

October 2021

- **Panel** (moderator): Genetically-informed Education: The problem or the cure to essentialism, racism, and ableism? Including Lucas J. Matthews, Maya Sabatello, Robbee Wedow
- **Paper Presentation:** Perspectives of Genomicists and ELSI Researchers on Using Interdisciplinary Research to Enhance Social and Ethical Responsibility

Virtual

October 2020

- **Panel** (moderator): Polygenic Scores and Equitable Education - Threats and Possibilities. Including Katherine Paige Harden, Lucas J. Matthew, Peter Fortheringham

Behavior Genetics Association

Virtual

June 2021

- **Invited Session** (presenter): Adversarial Collaboration in the Context of Genomics' Ugly History and Uncertain Future. Including Paige Harden and Lea Davis

ELSI Congress

Virtual

June 2022

- **Panel** (moderator): What can intersectionality bring to ELSI?: Transforming Theory into Practice, including Lucas J. Matthews, Krystal Tsosie, Maya Sabatello
- **Panel** (co-moderator): Out of the tower and onto the ground: Engaging communities and scientists in emergent research priorities, including Sandra Soo-Jin Lee, Sara Ackerman, and Julia Brown

American Society for Human Genetics

Los Angeles, California, USA

October 2022

- **Invited Session** (co-moderator): Upset the Set Up: From Community Engagement to Community Empowerment including Markia Smith, Joseph Yracheta, Robbee Wedow, Janina Jeff, Maya Sabatello

Virtual

October 2021

- **Invited Session** (co-moderator): Gatekeeping Genetics: Towards a More Diverse, Just, and Inclusive Research Enterprise including Markia Smith, Russell Ledet, Deanna Darnes, Catherine Potenski

International Society of Psychiatric Genetics

October 2021

Virtual

- **Invited Session** (panelist): Ethics Symposium, including Holly Peay, Maya Sabatello, Lea Davis, Carina Seah, Jean-Marie Bradford

Columbia University Precision Medicine & Society

May 2021

Virtual

- **Paper Presentation:** "The Elephant in the Room": Social Responsibility in the Production of Sociogenomics

American Educational Research Association

April 2018

New York City, New York, USA

- **Symposium** (moderator): "Dystopian DNA? Public Education, Genetics and the Popular Imagination," including Prudence Carter, Oliver Rollins, Claire Crawford.

Race, Empire, and Education,

February 2018

Cambridge, United Kingdom

- **Panel** (moderator): “What does it mean to be human? The crisis of humanism in education,” including Deborah Yudell, Arathi Sriprakash

British Sociological Association,

September 2017

Cambridge, United Kingdom

- **Paper Presentation:** “Normalizing Race in Gifted Education Through Biopower: Public Education, Segregation, and Spaces of White Exceptionalism.”

Select Media Coverage

Bioethics in the Margins

- [Social, Ethical and Policy Implications of Genomic Tools](#) *March 2026*
- [Social and Behavioral Genomics](#) *February 2022*

Talk Nerdy

March 2026

- [Social Genomics with Daphne O. Martschenko](#)

Live Science

February 2026

- [‘Some of them have accuracy that’s close to zero’: Experts unpack the promise and pitfalls of genetic tests aimed at consumers](#)

Undark Magazine

February 2026

- [Book Review: The Societal Impact of Genetic Research](#)

Ars Technica

February 2026

- [Have we leapt into commercial genetic testing without understanding it?](#)

Genetically Speaking, ASHG Podcast

May 2024

- [Unraveling the Threads: Genetics, Education, and Social Narratives](#)

Undark

October 2023

- [From a Fledgling Genetic Science, A Murky Market for Prediction](#)

Science News

June 2023

- [Daphne Martschenko is a champion for ethical, inclusive genomics research](#)

The New York Times

August 2022

- [Your Doppelgänger Is Out There and You Probably Share DNA With Them](#)

STAT News

- [As dangerous eugenic ideas spread, NIH falls silent](#) *December 2025*
- [Buffalo shooting ignites a debate over the role of genetics researchers in white supremacist ideology](#)

May 2022

The Hastings Center

September 2021

- [New Resource Counters Misinformation on Human Genomics](#)

The Genetics Podcast

October 2020

- [Genomics in Education and the Social Sciences](#)

Washington Post

December 2020

- [Algebra II just doesn’t add up when you figure how little it means to most students](#)

Freakonomics Radio

October 2019

- [America’s Math Curriculum Doesn’t Add Up \(Ep. 391\)](#)

Nature

October 2019

- [The promise and peril of the new science of social genomics](#)

Science Daily

February 2019

- [As genetic data expand, researchers urge caution in how predictors of education outcomes are used](#)

This Cambridge Life

May 2018

- [The star rower whose research examines teachers’ perceptions of intelligence](#)

Drive Time Podcast

April 2018

- [IQ Tests- How Intelligent Are You?](#)

Anthill Podcast

September 2018

- [Inheritance](#)

BBC Sport

March 2016

- [Boat Races 2016: Daphne Martschenko has travelled a long way to reach Cambridge](#)