

SARAH S. RICHARDSON

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POSITIONS

2017- Professor of the History of Science and of Studies of Women, Gender, and Sexuality, Harvard University (Director of Graduate Studies, WGS)  
2014-2017 John L. Loeb Associate Professor of the Social Sciences, Harvard University  
2010-2014 Assistant Professor, Harvard University  
2009-2010 Five College Assistant Professor of Feminist Science Studies, Department of Women, Gender, and Sexuality Studies, University of Massachusetts, Amherst

EDUCATION

Stanford University. M.A., Ph.D., Modern Thought and Literature. 2009.

Columbia University. B.A., Philosophy. 2002.

FIELDS OF RESEARCH

Gender and science

History of the 20<sup>th</sup>-21<sup>st</sup> century life sciences

Philosophy of science/philosophy of biology

AWARDS, GRANTS, AND FELLOWSHIPS

Visiting Fellow, Humanities Center, University of Pittsburgh, January 2020.

Dean's Competitive Fund for Promising Scholarship, 2019

Fellow, Institute for Advanced Study (Wissenschaftskolleg), Berlin, 2018-2019.

Visiting Fellow, Wesleyan University Center for the Humanities, 2015.

Roslyn Abramson Award for Excellence in Undergraduate Teaching, 2015.

John L. Loeb Associate Professorship, 2014-2018.

William F. Milton Grant, 2014.

Hrды Fellow, Radcliffe Institute for Advanced Study, 2012-13.

ACLS Fellowship, 2012-13.

Robert Wood Johnson Foundation Seed Grant, 2012.

Philosophy of Science Association Women's Caucus Prize, 2010.

Mellon Foundation Faculty-Student Summer Research Grant, 2010.

ACLS Mellon Dissertation Completion Fellowship (declined), 2008-09.

Mrs. Giles Whiting Dissertation Fellow, Stanford Humanities Center, 2008-09

American Fellow, American Association of University Women, 2008-09.

Graduate Dissertation Fellowship, Clayman Institute for Gender Research, Stanford University, 2007-08.

Mary Anne Bours Nimmo Graduate Fellowship, Stanford University, 2006-08.

Marjorie Lozoff Graduate Essay Prize, 2006.

## BOOKS

*The Maternal Imprint: The Contested Science of Maternal-Fetal Effects* (2021) Chicago: University of Chicago Press.

*Postgenomics: Perspectives on Biology After the Genome*. (2015) Ed. Richardson, Sarah S. and Hallam Stevens. Durham: Duke University Press.

*Sex Itself: The Search for Male and Female in the Human Genome*. (2013) Chicago: University of Chicago Press.

- Finalist, Marc-Auguste Pictet Prize in the History of Science
- Paperback edition, fall 2015; Japanese translation, forthcoming 2018/19
- Reviewed in *Science*, *Quarterly Review of Biology*, *Hypatia*, *Isis*, *Gesnerus*, *Journal of the History of Biology*, *Women's Review of Books*, *Canadian Journal of History*, *Somatosphere*, *Kennedy Institute of Ethics Journal*; featured in radio, electronic, and print media, including: 24 interviews on local, regional, and national public radio; *Los Angeles Review of Books*, *New Statesman*, *Vox*, *Big Think*, *io9*, *Hairpin*, and *Feministing*; *The Guardian* "top 10 science and technology books," November, 2013

*Revisiting Race in a Genomic Age*. (2008) Ed. Koenig, Barbara A., Sandra Soo-Jin Lee, and Sarah S. Richardson. New Brunswick, N.J.: Rutgers University Press.

## ARTICLES AND BOOK CHAPTERS

34. "Sex Disparities in COVID-19 Outcomes in the United States: Quantifying and Contextualizing Variation." (Danielsen, et al.) Under review with *Social Science and Medicine*.

33. "Developmental Origins of Health and Disease, Resilience and Social Justice in the COVID Era." *Journal of Developmental Origins of Health and Disease*. (Penkler, et al.) Forthcoming, 2021.

32. Richardson, Sarah S. "Sex Contextualism." *Philosophy, Theory, and Practice in Biology* (Forthcoming 2021)

31. Shattuck-Heidorn, Heather, Ann Caroline Danielsen, Annika Gompers, Joseph Dov Bruch, Helen Zhao, Marion Boulicault, Jamie Marsella, and Sarah S. Richardson. "A finding of sex similarities rather than differences in COVID-19 outcomes." *Nature* (2021).

30. Boulicault, Marion, Meg Perret, Jonathan Galka, Alex Borsa, Annika Gompers, Meredith Reiches, and Sarah S. Richardson. "The future of sperm: A biovariability framework for understanding global sperm count trends." *Human Fertility*

29. Rushovich, Tamara, Marion Boulicault, Jarvis T. Chen, Ann Caroline Danielsen, Amelia Tarrant, Sarah S. Richardson, and Heather Shattuck-Heidorn. "Sex Disparities in COVID-19 Mortality Vary Across US Racial Groups." *Journal of General Internal Medicine*

28. Boulicault, M., A. C. Danielsen, J. Bruch, A. Tarrant, A. Borsa, and S. Richardson. “Socially Relevant Variables In US State COVID-19 Surveillance Reporting: A Report Card .” *Health Affairs Blog*, 2020, July 14.
27. “First Authorship Gender Gap in the Geosciences.” (Pico et al., 2020) *Earth and Space Science* 7, no. 8: e2020EA001203.
26. “Expansion of Private Equity Involvement in Women’s Health Care.” (Bruch et al., 2020) *JAMA Internal Medicine* 180, no. 11: 1542–1545.
- Featured in *Bloomberg News*; companion piece in *STAT*
25. “Analyzing COVID-19 Sex Difference Claims: The Harvard GenderSci Lab.” (Boulicault & Richardson, 2020) *APA Newsletter on Feminism and Philosophy* 20, no. 1: 3-7.
24. “Is There a Gender-Equality Paradox in Science, Technology, Engineering, and Math (STEM)? Commentary on the Study by Stoet and Geary (2018).” (Richardson, et al., 2020) *Psychological Science*: 0956797619872762.
- Featured widely, including in *Inside Higher Ed* and *Buzzfeed*; companion piece in *Slate*
23. Genome Studies Must Account for History (Letter to Editor). (Richardson et al., 2019) *Science*: 366, no. 6472: 1461.
22. Time to Cut the Cord: Recognising and Addressing the Imbalance of DOHaD Research Towards the Study of Maternal Pregnancy Exposures. (Sharp et al., 2019) *Journal of Developmental Origins of Health and Disease*.
21. Sex/Gender and the Biosocial Turn. (Shattuck-Heidorn & Richardson, 2019), *The Scholar and Feminist Online*.
20. It’s the Mother!: How Assumptions about the Causal Primacy of Maternal Effects Influence Research on the Developmental Origins of Health and Disease. (Sharp, Lawlor & Richardson, 2018) *Social Science and Medicine*.
19. The Biosocial Genome? Interdisciplinary perspectives on environmental epigenetics, health and society. (Müller, et al. 2017) *EMBO Reports*.
18. Plasticity and Programming: Feminism and the Epigenetic Imaginary. (2017) *Signs: Journal of Women in Culture and Society* 43 (1): 29-52.
17. Sex in Context: Limitations of Animal Studies for Addressing Human Sex/Gender Neurobehavioral Health Disparities. (Eliot & Richardson, 2016) *Journal of Neuroscience*. 36 (47): 11823-11830.
16. Focus on Preclinical Sex Differences Will Not Address Women’s and Men’s Health Disparities. (Richardson et al., 2015) *Proceedings of the National Academy of Sciences*. 112 (44): 13419–13420.
- Featured on NPR “All Things Considered,” NPR “Science Friday,” and *Buzzfeed*
15. Maternal Bodies in the Postgenomic Order: Gender and the Explanatory Landscape of Epigenetics. (2015) In *Postgenomics: Perspectives on Biology After the Genome*. Ed. Richardson and Stevens. Durham: Duke University Press, 210-231.

- Featured on *MSNBC.com*, “The New Science of Blaming Moms,” July 16, 2014, and in the American Medical Association Virtual Mentor Ethics Podcast, October, 2014.
14. Is the New NIH Policy Good for Women? (2015) *Catalyst: Feminism, Theory, and Technoscience* 1, no. 1.
13. The Trustworthiness Deficit in Postgenomic Research on Human Intelligence. (2015) *The Genetics of Intelligence: Ethics and the Conduct of Trustworthy Research, special report, Hastings Center Report* 45, no. S1 Sept/Oct: S15-S20.
12. Don’t Blame the Mothers. (Richardson et al., 2014) *Nature*. 512: 131-132.
- Featured widely, including *Genomeweb*, *The Week*, *The New Republic*, *Popular Science*, *NPR*, and *Real Clear Science*
11. Autism as a Biomedical Platform for Sex Difference Research. (2014, coauthored with Eva Gillis-Buck) *BioSocieties* 9 (3): 262-283.
- Featured in *National Geographic* “Only Human” Blog, “The Sexual Politics of Autism.” July 11, 2014.
10. Reductionism. (2014) *Encyclopedia of Bioethics*, Fourth Ed. Macmillan Reference/Cengage Learning.
9. "Is Poverty in Our Genes? A Critique of Ashraf and Galor, “the ‘out of Africa’ Hypothesis, Human Genetic Diversity, and Comparative Economic Development,” *American Economic Review*." (Guedes et al., 2013) *Current Anthropology* 54, no. 1 (2013): 71-79.
8. Sexing the X: How the X Became the ‘Female Chromosome’. (2012) *Signs: Journal of Women in Culture and Society*. 37 (4): 909-933.
- Anthologized in Wyer et al. (eds) (2013) *Women, Science, and Technology: A Reader in Feminist Science Studies*. 3<sup>rd</sup> ed. Taylor and Francis, and in *Queer Feminist Science Studies: A Reader* (2017, University of Washington Press)
7. The Genetics of Sex Determination: Rethinking Concepts and Theories. (Richardson, ed., 2012) Peer-reviewed case study for website *Gendered Innovations in Science, Health & Medicine, and Engineering*.
6. Race and IQ in the Postgenomic Age: The Microcephaly Case. (2011) *BioSocieties*. 6 (4): 420-446.
5. Feminist Philosophy of Science: History, Contributions, and Challenges. (2010) *Synthese*. 177 (3): 337-362.
4. Sexes, Species, and Genomes: Why Males and Females Are Not Like Humans and Chimpanzees. (2010) *Biology and Philosophy*. 25 (5): 823-41.
- Philosophy of Science Association Women’s Caucus Prize
3. The Left Vienna Circle, Disciplinary History, and Feminist Philosophy of Science. (2009) *Studies in History and Philosophy of Science*. 40 (2): 167-174.
2. Carnap, Neurath, and the Left Vienna Circle Thesis. (2009) *Studies in History and Philosophy of Science*. 40 (1): 14-24.

1. When Gender Criticism Becomes Standard Scientific Practice: The Case of Sex Determination Genetics. (2008) In *Gendered Innovations in Science and Engineering*. Ed. Londa Schiebinger. Palo Alto, CA: Stanford University Press, 22-42.
  - Marjorie Lozoff Graduate Essay Prize

#### SELECTED PUBLIC SCHOLARSHIP

11. “The Doomsday Sperm Theory Embraced by the Far Right.” *Slate*, 2021, May 14.
10. “The intersection of Black women, COVID, and death rates: The narrative about sex differences and COVID-19 overshadows alarming facts.” *The Boston Globe*, 2021, April 5.
9. “When private equity firms invest in women’s health clinics, who benefits? .” *STAT*, 2020, Sep. 14.
8. What’s Really Behind the Gender Gap in Covid-19 Deaths? *The New York Times*, June 24, 2020.
7. “We Dug Into Data to Disprove a Myth About Women in STEM.” *Slate*, 2020, Feb. 11.
6. Focusing on differences between the sexes is leading medical researchers astray. *The Washington Post*. May 30, 2019.
5. Transphobia, Cloaked in Science. *Los Angeles Review of Books*. Nov. 11, 2018.
4. The CDC Risks Its Credibility with New Pregnancy Guidelines. *The Boston Globe*. Feb. 8, 2016.
3. Sex and Gender in a Petri Dish. *Nursing Clio*. Jan. 7, 2016.
2. Egg Freezing Better for Companies Than Women. *CNN.com*. Oct. 20, 2014.
1. Y All the Hype? A Study About Sexual Similarity Gets Framed as a Major New Finding of Sex Difference. *Slate.com*. May 5, 2014.

#### BOOK REVIEWS

8. “Intelligent Love: The Story of Clara Park, Her Autistic Daughter, and the Myth of the Refrigerator Mother.” *Bulletin of the History of Medicine*. (2021)
7. “Infertility: Tracing the History of a Transformative Term.” *Bulletin of the History of Medicine*. (2017)
6. “Misbehaving Science: Controversy and the Development of Behavior Genetics. *Journal of the History of the Behavioral Sciences*. 51 (4): 441–442 (2015)
5. “From Eve to Evolution.” *Nature*. 509: 424. (2014)
4. “Review essay: ‘Science, Policy, and the Value-Free Ideal’ and ‘Philosophy of Science after Feminism.’” *Feminist Formations*. 24 (2): 199-205. (2012)

3. "Review essay: 'The Mirage of a Space between Nature' and Nurture and 'Brain Storm: The Flaws in the Science of Sex Differences.'" *Signs: Journal of Women in Culture and Society*. 37 (3): 755-760. (2012)
2. "Science, Politics, and Evolution." *Hypatia*. 25 (2):455-459. (2010)
1. "Figuring it Out: Science, Gender, and Visual Culture." *Visual Resources*. 23 (4): 395-399. (Richardson and Niedzielski-Eichner, 2007)

## SELECTED MEDIA

- "Change everything: 32 innovators who are building a better future." *Wired UK*. Dec. 3, 2020.
- "The Science of Sex: Historian and philosopher Sarah Richardson interrogates the science of sex and gender." Cover article. *Harvard Magazine*. Nov.-Dec. 2019.
- "The Intersection of Gender and Science: An Interview with Sarah Richardson." *Synthesis: An Undergraduate Journal of the History of Science*. Issue 6, May 2015, pp. 37-42.
- "Sarah Richardson, Science Philosopher." *The SciCom Interviews*. April 7, 2015.
- "Brevia Talks 'Sex, Gender, and Evolution' with Dr. Sarah Richardson." *Brevia: A Harvard College Undergraduate Research Association Publication*. May, 2014.
- "Interview with Sarah Richardson." *Yearbook of Women's History*. Special Issue: Genes and Gender. (2013). University of Amsterdam Press.
- "On Darwin and Gender." (2011) *The Harvard Gazette*.

## INVITED TALKS (selected)

- "Cryptic Effects at a Distance." Minnesota Center for the Philosophy of Science. University of Minnesota. October, 2020.
- "The Maternal Imprint." Wellcome Lecture in the History of Medicine. University of Cambridge, UK. February, 2020.
- "The Maternal Imprint." University of Pittsburgh Center for the Humanities. January, 2020.
- "Sex Contextualism." Klopsteg Lecture. Northwestern University. November, 2019.
- "Do HeLa Cells Have a Sex? Conceptualizing 'Sex' in Experimental Settings." KTH Royal Institute of Technology. April, 2019.
- "Sex Contextualism." Wissenschaftskolleg zu Berlin. March, 2019.
- "Whose Bodies? Which Environments? Gender and the Biosocial Imaginary." School for Advanced Studies in the Social Sciences. Paris, France. Keynote Speaker. October, 2018.

“Sexed Medicine: Traps and Dark Corners.” Gender in Health Care and Research. Inserm. Paris, France. Keynote Speaker. November, 2017.

“Cryptic effects at a distance: Causal attributions in epigenetics and DOHaD research.” “Parental Responsibility, Epigenetics and DOHaD: Emerging Sociotechnical Imaginaries of Reproduction in the Post-Genomic Age.” Brocher Foundation. Switzerland. November, 2017.

“Can a Cell Have a Sex?” Institute for Research on Women and Gender. University of Michigan. September, 2017.

“The Maternal Imprint.” Russell Lecture. American Psychological Association. Society for the History of Psychology Division. Washington, DC. August, 2017.

“Can a Cell Have a Sex? Biological and Social Ontologies of Sex.” Simco Lecture. Department of Philosophy, University of Memphis. April, 2017.

“Birth Weight and the Biosocial Body: A Critical History.” Division of Medical Ethics of Weill Cornell Medicine. February, 2017.

“Birth Weight and the Biosocial Body: A Critical History.” Commonwealth Center for the Humanities and Society. University of Louisville. January, 2017.

“Sex-Gender Research and the New Biosocial Sciences.” Plasticity and Its Limits: An Interdisciplinary Workshop. Munich. January, 2017.

“Maternal-Fetal Effects: History, Biopolitics, Ethics.” Workshop: The Maternal Environment. University of Chicago. November, 2016.

“Sex in the Post-Genome Era.” Texas A&M University. Institute for Genome Sciences and Society. Keynote Speaker. Fall Symposium: Science and Sex. October, 2016.

“Gender Bias and the Human Genome: The Case for Diversity in Biomedical Discovery.” Plenary Speaker. The Rosalind Franklin University Symposium on Women in Science and Medicine. September, 2016.

“Exceptional and Unconformable Phenomena: Maternal Effects and the Epistemologies of the Life Sciences.” Pennsylvania State University Institute for the Arts and Humanities. Mellon Seminar: The Boundaries of the Human in the Age of the Life Sciences. April, 2016, and April, 2017.

“The Maternal Mystique: Gender and Science at the Maternal-Fetal Interface.” Marian Fox Martel Distinguished Lecture in Gender and Science. Center for the Study of Women, Gender, and Sexuality, Rice University. March, 2016.

“Don’t Blame the Mothers! Communicating DOHaD Research to the Larger Public.” Séminaire interdisciplinaire de l’EHESP. Villejuif Hospital, Paris. December, 2015.

“Sex, Gender, and the Human Genome.” Penn Humanities Forum. University of Pennsylvania. October, 2015.

“Against Superstition: The Science of Prenatal Influences in the Eugenic Era.” University of Pennsylvania. Department of History and Sociology of Science. October, 2015.

"Conceptualizing Sex Differences in the Human Genome." A Critical Moment: Sex/Gender at the Intersection of Culture, Brain, and Behavior. Foundation for Psychocultural Research and UCLA. Los Angeles, CA. October, 2015.

"Sex, Gender, and Epigenetics: What Does Epigenetics Explain?" Brocher Foundation Workshop on Environmental Epigenetics. Switzerland. May, 2015.

"Gender and Science at the Interface of Mother and Fetus." Center for Values in Medicine, Science & Technology. University of Texas at Dallas. April, 2015.

"Gender and Epigenetics." Series: Futuristic Fiction: Women in Science and Science Fiction. University of Texas at Arlington. March, 2015.

"Messages to Women about Epigenetics and Childhood Obesity." Conference: Examining a Developmental Approach to Childhood Obesity: The Fetal and Early Childhood Years. Institute of Medicine/National Academies of Science. Washington, DC. February, 2015.

"Gender and Epigenetics: Control, Intervention, and Agency at the Maternal-Fetal Nexus." University of Utah Humanities Center & Department of Philosophy. January, 2015.

"Epigenetics and the Maternal Body: Ethical and Social Dimensions." Center for Research on Ethical, Legal & Social Implications of Psychiatric, Neurologic & Behavioral Genetics. Columbia University College of Physicians & Surgeons. November, 2014.

"Sex Itself: The Search for Male and Female in the Human Genome." Series: Embodiments of Science. Institute for Research on Women, Gender, and Sexuality. Columbia University. November, 2014.

"What Would a 'Transformative Conversation' About the Genetics of *g* Look Like?" Responsible Conduct of Research on the Genetics of Intelligence Workshop. The Hastings Center. November, 2014.

"How Culture Influences Choices by Genetic Researchers." Plenary Speaker. Genetics and Society Symposium. North Carolina State University. September, 2014.

"Gender and Epigenetics: Control, Intervention, and Agency at the Maternal-Fetal Nexus." Endowed Lecture: "A Celebration of Life: A Lectureship Honoring Mothers." Magee Women's Research Institute and Department of Obstetrics and Gynecology, University of Pittsburgh. May, 2014.

"Gender and the Human Genome." Symposium: Feminism, Feminist Theory, and Science: Where We've Been and Where We are Going. Brown University. May, 2014.

"Race in the Postgenomic Moment." Keynote Speaker. Conference: Genomics and Philosophy of Race. University of California, Santa Cruz. April, 2014.

"The Maternal Imprint: Gender and the Science of Epigenetics." Science Studies Symposium. University of Oslo. March, 2014.

"Race and IQ in the Postgenomic Era." Symposium: Hype in Science. Dalhousie University. December, 2013.

"Gender Bias in Science." Department of Philosophy, St. Mary's University. September, 2013.



“Gender, Science, and Social Values: The Search for Sex Differences in the Human Genome.” Marshall Lecture on Public Philosophy, Canadian Centre for Ethics in Public Affairs. September, 2013.

“Knowledge Politics and Ethics of Evolutionary Theories of Gender.” Conference: Sexual Selection Studies. National Evolutionary Synthesis Center. July, 2013.

“Sex Itself: Conceptualizing Sex Differences in the Human Genome.” Symposium: Feminism and Evolutionary Biology. Denison College. March, 2013.

“Epigenetics and Maternal Bodies in the Postgenomic Order.” Rutgers University, Newark. Women, Gender, and Sexuality Studies Annual Symposium. March, 2013.

“Race and Gender in a Postgenomic Age.” European Molecular Biology Laboratory (EMBL) Forum on Science and Society. Heidelberg, Germany. October, 2012.

“The Social Imprint: Epigenetics and Maternal Bodies in the Postgenomic Order.” Class of 1952 Lecture. University of New Hampshire. Department of Philosophy. September, 2012.

“Sex Itself: Conceptualizing Sex Differences in the Human Genome.” SUNY-Oswego’s “Science Today” Series. May, 2012.

“Sex Itself: Conceptualizing Sex Differences in the Human Genome.” Cornell University. April 2012.

“Conceptualizing Sex Differences in the Human Genome.” Boston Colloquium for Philosophy and History of Science. April, 2012.

“Sex Itself: Conceptualizing Sex Differences in the Human Genome.” Stanford University. February, 2012.

“Engaging Science: Analyzing the Emerging Conception of Genomic Sex Differences.” American Philosophical Association Pacific Division. San Diego, CA. April, 2011.

“Race and IQ in a Genomic Age.” Boston Colloquium for Philosophy and History of Science. November, 2010.

“Gendering the Genome: The Emerging Concept of Sex Differences in Human Genome Research.” Middlebury College. October, 2010.

“Race and IQ in a Genomic Age.” Keynote Speaker. International Association of Women Philosophers. London, Ontario. June, 2010.

“Women, Chromosomes, and Chimpanzees: Gender in Contemporary Genomics.” Rutgers University. Women’s and Gender Studies Program. March, 2010.

“Women, Chromosomes, and Chimpanzees: Gender in Contemporary Genomics.” Rensselaer Polytechnic Institute. Science and Technology Studies Program. March, 2010.

JURIED CONFERENCE PAPERS (selected)

“Does Every Cell Have a Sex?” International Association for the History, Philosophy, and Social Studies of Science. Oslo, Norway. July, 2019.

“Against Superstition: The Science of Prenatal Influences in the Eugenic Era.” American Association for the History of Medicine. Minneapolis, MN. April, 2016.

“Intergenerational Time and the Science of Intrauterine Maternal Effects, 1930s-1970s.” History of Science Society. San Francisco, CA. November, 2015.

“Sex, Gender, and the Epigenetic Imaginary.” International Society for the History, Philosophy, and Social Studies of Biology. Montreal. July, 2015.

“Maternal Bodies and the Explanatory Landscape of Epigenetics.” American Association for the Advancement of Science (AAAS). San Jose, CA. February, 2015.

“The Concept of Gender Bias in Scientific Research.” Philosophy of Science Association. Chicago. November, 2014.

“Maternal Effects and the Twentieth Century Sciences of Heredity.” International Society for the History, Philosophy, and Social Studies of Biology. Montpellier, France. July, 2013.

“Constructing the Womb as Social Environment.” History of Science Society. San Diego, CA. November, 2012.

“What is Postgenomics?” Society for the Social Studies of Science. Cincinnati, Ohio. November, 2011.

“What is Postgenomics?” International Society for the History, Philosophy, and Social Studies of Biology. Salt Lake City, Utah. July, 2011.

#### SELECTED TALKS AND PRESENTATIONS AT HARVARD

“Can a Cell Have a Sex?” Science and Technology Studies Circle. Harvard Kennedy School. April, 2017.

“Birthweight and the Biosocial Body: A Critical History.” Harvard T.H. Chan School of Public Health, Maternal and Child Health Seminar. February, 2017.

“Intersectional Feminism in STEM.” Plenary Speaker. American Physical Society Conference for Undergraduate Women in Physics. Harvard University. January, 2017.

“The Maternal Mystique: Knowing and Unknowing the Maternal-Fetal Interface.” Department of the History of Science. December, 2013.

“Can I be a feminist and a scientist?” Committee on Degrees in Studies of Women, Gender, and Sexuality “Lunches with Smart People.” October, 2013.

Discussion facilitator, “Freshman Conversations.” Led incoming first year students in a discussion of racial, ethnic, gender, sexuality, and class diversity at Harvard. August, 2013, and subsequently.

“Balancing Teaching and Research.” Panelist at the New Faculty Institute. August, 2013.

“The Maternal Imprint.” Radcliffe Institute for Advanced Study. March, 2013.

“Distinguished Speaker Seminar.” Harvard University Behavioral Laboratory in the Social Sciences. June, 2012.

“Thinking Critically about Sex Difference Research.” Presentation to proseminar for the Program in Women, Gender, and Health. Harvard School of Public Health. Annually since 2012.

“Teaching Feminist Methods.” Brownbag Lunch Series Presentation. Committee for the Study of Women, Gender, and Sexuality. April, 2011.

“Gender and Epigenetics: Public Health Implications.” Harvard School of Public Health. February, 2011.

“Gender and Genetics.” Presentation for the Harvard Women’s Leadership Project. December, 2010.

“Gendering the Genome: The Emerging Concept of Sex Differences in Human Genome Research.” Mahindra Humanities Center. November, 2010.

#### OTHER RECENT PRESENTATIONS

Panel Chair and Discussant. “Reclaiming the Body.” Berkshire Conference on the History of Women, Genders and Sexualities. June, 2017.

Author-Meets-Critic session on *Postgenomics*. International Society for the History, Philosophy, and Social Studies of Biology. Montreal. July, 2015.

Featured speaker, Conference on Interdisciplinarity in the Disciplinary University. Program in Modern Thought and Literature. Stanford University. April, 2015.

“Understanding Gender Bias in Scientific Research.” Workshop on Gender and Philosophy. MIT. October, 2014.

Author-Meets-Critics session on *Sex Itself*. FEMMSS Conference. Waterloo, Ontario. August, 2014.

Discussant, Panels on “Genetics and human difference: from the 'gene-for' approach to...” and “New forms of expertise and the new understanding of human difference in autism research and care.” Society for the Social Studies of Science. Copenhagen, Denmark. October, 2012.

Featured speaker, Scholar Social for “Photograph 51,” a play about the life of Rosalind Franklin at the Central Square Theater. Cambridge, MA. February, 2012.

Critic, Author-Meets-Critics Session on Gil Eyal et al., *The Autism Matrix*. Social Science History Association. Boston. November, 2011.

Chair. “Trans Formations: New Directions in Historical Research.” American Historical Association. Boston. January, 2011.

Panel Chair and Commentator. “Gendering the Human Brain: Science, Language, and Sex Difference in the 19<sup>th</sup> and 20<sup>th</sup> Centuries.” History of Science Society. Montreal. November, 2010.

## TEACHING

### *Undergraduate*

HISTSCI 130. Heredity and Reproduction  
Culture and Belief 61. Gender and Science: From Marie Curie to Gamergate  
HISTSCI 139. The Postgenomic Moment  
SWGS 98. Junior Tutorial  
SWGS 1300. Feminist Research Methods  
HISTSCI 138. Sex, Gender, and Evolution  
SWGS 1421. Medical Management of the Female Body

### *Graduate*

SWGS/GSGE 2010. Science, Nature, and Gender  
HISTSCI 237. Postgenomics  
HISTSCI 251. Feminist Science Studies  
WOMGEN 2000. Graduate Proseminar

## EVENTS ORGANIZED

“Sex/Gender: Theory into Practice.” A seminar series examining the constructs of “sex” and “gender” in biological and health science research. Mahindra Humanities Center, Harvard University. 2017-2018.

“The Maternal Imprint.” A speaker series and colloquium on the historical, social, and gender dimensions of maternal-fetal science. Mahindra Humanities Center, Harvard University. 2013-2014.

“Sexuality Studies at Harvard.” A workshop on the state of the field of sexuality studies. Co-organizer. Radcliffe Institute. October, 2013.

“Beyond the Genome.” International social science conference on postgenomics. Nanyang Technological University, Singapore. January, 2013.

“Gendered Innovations in Science, Medicine, and Engineering.” National Science Foundation/European Union-sponsored international workshop to develop scientific training modules to promote sound sex difference research. Harvard University. July, 2012.

“Are Men and Women Like Different Species? Critical Perspectives on Sex-Difference Research.” One-day conference organized for the Boston Colloquium for Philosophy of Science. Boston University. April, 2012.

“The Feminist Classroom.” Conference and workshop for graduate students developing a professional teaching profile in women’s, gender, and sexuality studies. Harvard University. March 30, 2012.

## HARVARD SERVICE

### *Department of the History of Science:*

Executive Committee, 2010-Present  
Committee on Higher Degrees, 2013-2014 and 2014-2015  
Prize Committee, 2014-2015

Visiting Researchers Committee, 2013-2014, 2017-2018, 2019-2020  
Graduate Admissions Committee, 2010-2011, 2011-2012  
Graduate Fellowships Committee, 2011-2012

*Committee on Studies of Women, Gender, and Sexuality:*  
Executive Committee, 2010-Present  
Curriculum Committee, 2013-2014, 2017-2018  
Prize Committee, 2012, 2015

*Harvard:*

Regan Fund Committee, 2017-2018  
Advisory Board, *Harvard Public Health Review: A Student Journal*  
Faculty Advisor, Harvard PERIOD Project, 2017-2018  
Faculty Advisor, Harvard Gender Inclusivity in Mathematics, 2015-  
Faculty Mentor, Harvard Women in Science and Engineering, 2017-  
Faculty Affiliate, Program on Science, Technology, and Society, Harvard Kennedy School, 2017-  
Standing Committee on Information Technology, 2016-present  
Selection Committee for Mahindra Humanities Center postdoctoral fellows, 2015-2016  
Faculty Co-Coordinator, Graduate Workshop in Interdisciplinary Gender and Sexuality Studies, 2014-  
2015, Spring 2017  
Alex G. Booth Fund Fellowships Committee, 2014, 2018, 2019  
Hoopes Prize Committee, 2011 & 2014  
Executive Committee, Office of Sexual Assault Prevention and Response, 2013-2014  
Standing Committee, Mind, Brain, and Behavior Interfaculty Initiative, 2013-  
Planning Committee, Radcliffe Sexuality Studies Initiative, 2013  
Faculty Advisor, Harvard Science Club for Girls, 2011-2014

## MEMBERSHIPS

American Association for the Advancement of Science  
American Association for the History of Medicine  
History of Science Society  
International Society for the History, Philosophy, and Social Studies of Biology  
National Women's Studies Association  
Philosophy of Science Association  
Society for the Social Studies of Science

## SERVICE TO THE PROFESSION

Editorial Board, *Bulletin of the History of Medicine*, 2020-2023  
Governing Council, International Society for the History, Philosophy, and Social Studies of Biology,  
2016-2019  
Associate Editor, *Signs: Journal of Women in Culture and Society* (2015- )  
Advisory Board, *Catalyst: Feminism, Theory, Technoscience* (2015- )  
Board Member, Graduate Consortium in Women's Studies (2011-2012, 2013-2015)

*Referee for journals & publishers:*  
Australian Feminist Studies  
BioSocieties

Bulletin of the History of Medicine  
Catalyst: Feminism, Theory, Technoscience  
Foundations of Science  
Frontiers: A Journal of Women's Studies  
Frontiers in Neuroscience  
Historical Studies in the Natural Sciences  
HOPOS: The Journal of the International Society for the History of Philosophy of Science  
Hypatia  
International Journal of Feminist Approaches to Bioethics  
Journal of Medical Humanities  
Journal of the History of Biology  
Journal of Sex Research  
The Lancet  
New Genetics and Society  
Palgrave Macmillan  
Psychological Sciences  
Science Advances  
Science, Technology, and Human Values  
Signs: Journal of Women in Culture and Society  
Social Studies of Science  
Studies in History and Philosophy of Biological and Biomedical Sciences  
Studies in History and Philosophy of Science  
University of Chicago Press  
Women's Health Issues

*Referee for granting agencies and fellowships:*

National Science Foundation Science, Technology, and Society Program  
Radcliffe Institute for Advanced Study  
U.S.-Israel Binational Science Foundation  
Radcliffe Institute for Advanced Study

OTHER PROFESSIONAL ACTIVITIES

National Judges Panel for Nominees in the Sciences, National Women's Hall of Fame, 2012-.

Advisory Committee, "Gendered Innovations in Science and Engineering," an NSF/EU-funded research initiative, 2009-.