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Academic Appointments

Professor, Department of Sociology & The Institute for Society and Genetics	2017-present
Director, Institute for Society and Genetics	2014-2021
Associate Professor, Department of Sociology & The Institute for Society and Genetics	2008-2017
Assistant Professor, Department of Anthropology, Rice University	2001-2008
Visiting Assistant Professor, History of Science, Harvard University	2007-2008
Postdoctoral Fellow, Max Planck Institute for the History of Science	1999-2001

Education

Massachusetts Institute of Technology Program in Science, Technology and Society, Ph.D	1994-2000
University of British Columbia Cell and Developmental Biology, B.Sc. (Honours)	1989-1993

Fellowships and Awards

Wissenschaftskolleg zu Berlin, *Invited Fellow*, 2021-2022

USC Dornsife Berggruen *Institute Fellowship*, 2018-2019

Scholar's Award, American Council of Learned Societies, 2013

Suzanne J. Levinson Book Award, History of Science Society, 2008
Best book in the history of the life sciences, for Culturing Life

Scholar's Award, National Endowment for the Humanities, 2005.

Rice University, *Graduate Student Teaching and Mentoring Award*, 2005

University of Texas Medical Branch, Institute for Medical Humanities, 2004
Visiting Scholar

Social Sciences and Humanities Research Council of Canada, *Doctoral Fellowship*
1996-1999

Publications

Books

Culturing Life: How Cells Became Technologies, Harvard University Press, 2007.

American Metabolism, in preparation, under contract with Harvard University Press.

Peer-Reviewed Journal Articles and Book Chapters

Neubauer, C. and **H. Landecker**, “Ten Percent of Human Cellular Methionine is Synthetic in Origin: Implications of Opening the Tap on a Historically Limiting Nutrient,” *Lancet Planetary Health* 5(8):E560-E569, 2021.

Landecker, H., “The Food of our Food: Medicated Feed and the Industrialization of Metabolism,” accepted for publication in H. Paxson, ed. *Eating Beside Ourselves*, Duke University Press.

Landecker, H., “Trace Amounts at Scale: Arsenicals, Medicated Feed, and the ‘Western Diet’,” 187-213 in A.N.H. Creager and J.P. Gaudillière eds, *Risk at the Table: Food Production, Health, and the Environment*, Berghahn Press, 2021.

Le Goff, A., P. Allard, and **H. Landecker**, “Heritable Changeability: Epimutation and the Legacy of Negative Definition in Epigenetic Concepts,” *Studies in the History and Philosophy of Science, Part A* 86:35-46, 2021.

Bazzi, W., A. Abou Fayad, A. Nassar, L.P. Harouri, V.K. Nguyen, O. Dewachi, G. Abu Sitta, **H. Landecker**, A. Abbara, C.W. Knapp, M. McEvoy, M. Zaman, P.G. Higgins, G. Matar, “Resistance to heavy metals in *Acinetobacter baumannii* may be increased in conflict settings,” *Frontiers in Microbiology* 11: article 68; 10.3389/fmicb.2020.00068, 2020.

Khan, A., O. Plana-Ripoll, S. Antonsen, J. Brandt, C. Geels, **H. Landecker**, P. Sullivan, C. Bøcker Pedersen, A. Rzhetsky, “Environmental pollution is associated with increased risk of psychiatric disorders in US and Denmark,” *PLOS Biology*. Aug 20;17(8):e3000353, 2019.

Landecker, H., “A Metabolic History of Manufacturing Waste: Food Commodities and Their Outsides,” *Food, Culture and Society* 22(5):530-547, 2019.

Lappé, M., R. Jeffries Hein, **H. Landecker**, “Environmental Politics of Reproduction,” *Annual Review of Anthropology* 48:133-150, 2019.

Landecker, H., “Antimicrobials Before Antibiotics: War, Peace, and Disinfectants,” *Palgrave Communications* 5:45, 2019. (In area collection Anti-biosis – Social and Cultural Inquiries Into Human-microbe Relations).

Kelty, C., **H. Landecker**, “Outside In: Microbiomes, Epigenomes, Visceral Sensing, and Metabolic Ethics,” pp. 53-65 in *After Practice: Thinking through Matter(s) and Meaning Relationally*, edited by The Laboratory for the Anthropology of the Environment and Human Relations, Berlin: Panama Verlag, 2019.

Landecker, H., “The Matter of Practice in the Historiography of the Experimental Life Sciences,” 1-22 in M. Dietrich and M. Borrello, eds. *Handbook of the Historiography of Biology*, Springer, 2018.

Landecker, H., "Metabolism, Autonomy, Individuality," 225-248 in L. Nyhardt and S. Lidgard, eds. *Biological Individuality: Integrating Scientific, Philosophical and Historical Perspectives*, Chicago University Press, 2017.

Landecker, H., "Antibiotic Resistance and the Biology of History," *Body and Society* 22(4):19-52, 2016.

Landecker, H., "The Social as Signal in the Body of Chromatin," *The Sociological Review Monographs* 64(1):79-99, 2016.

Landecker, H., "It is What it Eats: Chemically Defined Media and the History of Surrounds," *Studies in the History and Philosophy of Biological and Biomedical Sciences* 57:148-160, 2016 (special issue on Instruments and Media in Biological Sciences, edited by J. Steigerwald).

Lappé, M., **H. Landecker**, "Sociology in a Time of Genomic Instability: Copy Number Variation, Somatic Mosaicism, and the Fallen Genome," *Advances in Medical Sociology*, Volume 16:157-186, 2015. (Outstanding Author Contribution, 2016 Emerald Literati Network Awards for Excellence).

Lappé, M., **H. Landecker**, "How the Genome Got a Life Span," *New Genetics and Society* 34(2):152-176, 2015.

Landecker, H., "Post Industrial Metabolism: Fat Knowledge," *Public Culture* 25(3):495-522, 2013.

Landecker, H., "Metabolism, Reproduction, and the Aftermath of Categories," *Feminist & Scholar Online* 11(3): Summer 2013.

Landecker, H., "When the Control Becomes the Experiment," *Limn 3: Sentinel Devices*, 2013.

Panofsky, A., **H. Landecker**, "From Social Structure to Gene Regulation, And Back: A Critical Guide to Environmental Epigenetics For Sociology," *Annual Review of Sociology* 39:333-357, 2013.

Landecker, H., "The Metabolism of Philosophy, in Three Parts," 193-224 in B. Malkmus and I. Cooper, eds. *Dialectic and Paradox: Configurations of the Third in Modernity*, Bern: Peter Lang, 2013.

Landecker, H., "The Life of Movement: From Microcinematography to Live Cell Imaging," *Journal of Visual Culture* 11(3):378-399, 2012. (translated as "Das (Eigen)Leben der Bewegung: Von der Mikrokinematografie zum *live-cell imaging*," in P. Rathgeber and S. Leysen, eds. *Bilder animierter Bewegung / Images of Animate Movement*, Fink Verlag, 2013)

Landecker, H., "Creeping, Drinking, Dying: The Cinematic Portal and the Microscopic World of The Twentieth Century Cell," *Science in Context* 24(3):381-416, 2011.

Landecker, H., "Food as Exposure: Nutritional Epigenetics and the New Metabolism," *BioSocieties*, 6:167-194, 2011. *Translated as* "Essen als Exposition. Epigenetik der Ernährung und die Molekularisierung der Umwelt," [Food as Exposure: Nutritional Epigenetics and the Molecularization of the Environment, S. Bauer (trans.)] 135-162 in S. Bauer, C. Bischof, S. Haufe, S. Beck, L. Scholze-Irrlitz (eds.), *Essen in Europa. Kulturelle 'Rückstände' in Nahrung und Körper*. transcript Verlag: Bielefeld, 2010.

Kelty, C., H. Landecker, "Ten Thousand Journal Articles Later: Ethnography of 'The Literature' in Science," *Empiria* 18: 173-191, 2010.

Landecker, H., "Living Differently in Time: Plasticity, Temporality and Cellular Biotechnologies," 211-236 in *Technologized Images, Technologized Bodies: Anthropological Approaches to a New Politics of Vision*, J. Edwards, P. Harvey and P. Wade, eds. New York: Berghahn Books, 2010.

Landecker, H., "Seeing Things: From Microcinematography to Live Cell Imaging," *Nature Methods* 6:707-709, 2009.

Landecker, H., Angela N.H. Creager, "Technical Matters: Method, Knowledge and Infrastructure in Twentieth Century Life Science," *Nature Methods* 6:701-705, 2009.

Landecker, H., "Die Erzählungen der Biotechnologie: Biowissenschaften und biographische Form," ["Biotechnology's Plots: Biomedicine and Biographical Form,"] 183-200 in *Engineering Life: Narrationen vom Menschen in Biomedizin, Kultur und Literatur*, Claudia Breger, Irmela Krüger-Fürhoff and Tanja Nusser, eds. Berlin: Kulturverlag Kadmos, 2008.

Landecker, H., "Microcinematography and the History of Science and Film," *Isis* 97:121-132, 2006.

Landecker, H., "Cellular Features: Microcinematography and Early Film Theory," *Critical Inquiry* 31:903-937, 2005.

Kelty, C., **H. Landecker**, "A Theory of Animation: Cells, L-Systems, and Film," *Grey Room*, 17:30-63, 2004. (translated as "Eine Theorie der Animation: Zellen, L-Systeme und Film," in *Lebendige Zeit: Wissenskulturen im Werden*, Henning Schmidgen (ed.), Berlin: Kadmos, 2005.)

Landecker, H., "The Lewis Films: Tissue Culture and 'Living Anatomy', 1919-1940," 117-144 in *Centennial History of the Carnegie Institute Department of Embryology*, Jane Maienschein, Marie Glitz and Garland Allan (eds.), Cambridge University Press, 2004.

Landecker, H., "Building 'A New Type of Body in Which to Grow a Cell': The Origins of Tissue Culture," 151-174 in *Creating a Tradition of Biomedical Research: Contributions to the History of The Rockefeller University*, Darwin Stapleton (ed.), New York: Rockefeller University Press, 2004.

Landecker, H., "On Beginning and Ending with Apoptosis: Cell Death and Biomedicine," 23-60 in *Remaking Life and Death: Towards an Anthropology of the Life Sciences*, Sarah Franklin and Margaret Lock (eds.), School of American Research Press, 2003.

Landecker, H., "New Times for Biology: Nerve Cultures and the Advent of Cellular Life in Vitro," *Studies in the History and Philosophy of Biological and Biomedical Sciences*, 33:667-694, 2002. Translated as "Neue Zeiten für die Biologie: Nervenulturen und die Geburt zellulären Lebens in vitro," 307-337 in *Kultur im Experiment*, H. Schmidgen, P. Geimer and S. Dierig (eds.). Berlin: Kadmos, 2004.

Kelty, C., **H. Landecker**, "Cellular Features: Immortality, Apoptosis, Apostrophe," in *Future Bodies: Zur Visualisierung von Körpern in Science und Fiction*, edited by M. Angerer, K. Peters, and Z. Sofoulis, Springer, 2002.

Landecker, H., "Immortality, *In Vitro*: A History of the HeLa Cell Line," 53-72 in *Biotechnology and Culture: Bodies, Anxieties, Ethics*, Paul Brodwin (ed.), Indianapolis: Indiana University Press, 2000. Reprinted in *A Reader in Medical Anthropology: Theoretical Trajectories, Emergent Realities*, Byron Good, Michael Fischer, Sarah Willen, Mary-Jo DelVecchio-Good (eds.), pp. 353-366, Wiley-Blackwell, 2010.

Landecker, H., "Between Beneficence and Chattel: The Human Biological in Law and Science," *Science in Context* 12(1):203-225, 1999. Reprinted in *Law and Science Volume II: Regulation of Property, Practices, and Products*, Susan Silbey (ed.), Austin Sarat (series ed.), Ashgate Publishing, 2008.

Landecker, H., D. Sinclair, H. Brock, "Screen for Enhancers of *Polycomb* and *Polycomblike* in *Drosophila Melanogaster*," *Developmental Genetics* 15:425-434, 1994.

Editorials, Commentaries, and Interviews

Foreword to *Matsutake Worlds*, ed. L. Faier & M. Hathaway, Berghahn Press, 2021.

Foreword to *Salmon: A Red Herring*, by Cooking Sections, Isolarii Press, 2020.

D'Abramo, F., **H. Landecker**, "Anthropocene in the Cell," *Technosphere Magazine*, March 20, 2019. <https://technosphere-magazine.hkw.de/p/Anthropocene-in-the-Cell-fQjoLLgrE7jbXzLYr1TLNn>

Landecker, H., "On the Odor of Rancid Butter, A Twenty-First Century Update," *History of Anthropology Newsletter* 43, 2019: <http://histanthro.org/notes/odor-of-rancid-butter/>. (Special Focus: Canguilhem's Milieu Today). Reprinted in *Electric Brine*, J. Teets ed., Archive Books, 2021.

Landecker, H., "Foreword," 1-3 in Giamila Fantuzzi, *Body Messages: The Quest for the Proteins of Cellular Communication*, Cambridge, MA: Harvard University Press, 2016.

Landecker, H., "Being and Eating: Losing grip on the equation," *BioSocieties* 10(2):253-258, 2015.

Landecker, H., "What's In the Dish? A Commentary on Franklin's *In Vitro Anthropos*," *Cambridge Anthropology* 31(1):33-37, 2013.

Landecker, H., "The Information of Conformation: Commentary on Jablonka and Lamb's 'The Inheritance of Acquired Epigenetic Variation (1989)' " *International Journal of Epidemiology* 44(4):117-1108, 2015.

Landecker, H., Andrea Núñez Casal, "Antibiotics, Resistant Bacteria and the Human Effect. An Interview with Hannah Landecker," *Theory, Culture and Society*, March 16, 2015. <https://www.theoryculturesociety.org/the-biology-of-history-antibiotics-resistant-bacteria-and-the-human-effect-an-interview-with-hannah-landecker/>

Popular Articles

Landecker, H. "Order and Disorder in our Anthropogenic Innards," Exhibition Catalog for Pakui Hardware, Günther-Peill Stiftung, forthcoming 2021.

Landecker, H. "Voracious Biomass," Exhibition Catalog for Vanessa Billy Retrospective, Pasquart Kunsthaus Centre d'Art, Biel, forthcoming 2021.

Landecker, H. "Eating as Dialogue, Food as Technology," *Noema Magazine*, June 18, 2020.
<https://www.noemamag.com/eating-as-dialogue-food-as-technology/>

Biltekoff, C., Mudry, J., Kimura, A., **Landecker, H.** and Guthman, J. "Interrogating Moral and Quantification Discourses in Nutritional Knowledge," *Gastronomica* 14(3): 17-26, 2014.

Guthman, J., Broad, G., Klein, K., **Landecker, H.** "Beyond the Sovereign Body," *Gastronomica* 14(3): 46-55, 2014

Landecker, H. "Biomicroscopy of the Living Eye," and "Strabismus Exercises in Wartime," in M. Sappol, ed. *Hidden Treasure: 175 Years of the National Library of Medicine*, New York: Blast Books, 2012.

Landecker, H. "Food as Exposure: Nutritional Epigenetics and the Molecular Politics of Eating," *Center for the Study of Women Update Newsletter*, May, 18-26, 2010.

Landecker, H. "Die Körpermedelle der Epigenetik: Das innere Laboratorium und die molekulare Leitung," A. von Schwerin (trans.), *Gen-ethischer Informationsdienst* 8:42-54, 2008.

Book Reviews

"Heredity – the Long View," review of *A Cultural History of Heredity*, by Staffan Müller-Wille and Hans-Jörg Rheinberger, *Science* 339:649, 2013.

Dolly Mixtures: The Remaking of Genealogy by Sarah Franklin, *Technology and Culture* 49(3): 826-827, 2008.

Cinematic Prophylaxis: Globalization and Contagion in the Discourse of World Health by Kirsten Ostherr, *Isis* 98(2):411, 2007.

Tissue Economies: Blood, Organs and Cell Lines in Late Capitalism, by Catherine Waldby and Robert Mitchell, *Journal of the History of Medicine and the Allied Sciences* 62:270-272, 2007.

A Genetic and Cultural Odyssey: The Life of Luca Cavalli-Sforza, by Linda Stone and Paul F. Lurquin. *Journal of the History of Biology*, 39:814-816, 2006. Dictionary Entries

Edmund Vincent Cowdry. *New Dictionary of Scientific Biography*. Charles Scribner's Sons (Thomson Gale). 2007.

Creative Works

"News About Cells, 1909-1964," with Christopher Kelty. Film (7 minutes), finalist in the Bioclips Cinema of the Cell competition, screened at the European Life Sciences Organization meeting in Dresden, September 23, 2003.

Grants

Co-Primary Investigator, “Reconstructing the social and environmental forces driving the evolution of multidrug-resistant *Acinetobacter baumannii* in Lebanon: an exploratory interdisciplinary study integrating molecular epidemiology and socio-historical data,” New Frontiers in Research Fund Government of Canada (LP Haraoui, PI), 2020-2022.

Primary Investigator, “A Metabolic Turn in the Human and Social Sciences,” UBC-UCLA Collaboration grant, 2020-2021.

Co-Primary Investigator, “A Chance for Equality in Health? Transgenerational Epigenetics and Ancestral Environmental Exposures,” John Templeton Foundation (P. Allard, PI) 2017-2020.

Co-organizer, Brocher Foundation Conference Grant: “War: The Beginning and Ending of Antibiotics?” Hermance, Switzerland, November 2018.

Primary Investigator (Postdoctoral Mentor), “The Impact of Big Data on the Science of Metabolism,” NSF, Science and Technology Studies Section, 2014-2016.

Primary Investigator, “From Messenger to Signal: Metabolic Hormones and the Rise of the Signal Concept in the Life Sciences,” NSF, Science and Technology Studies Section, 2012-2014.

Co-Primary Investigator (US Partner), “21st Century Cuisine, Nutrition and Genetics in the United States and France,” Partner University Fund, 2009-2011.

Primary Investigator, “Mandatory Folic Acid Fortification of Staple Foods in the United States: Nutrition Policy and the Food Supply,” Faculty Research Fellowship, UCLA Center for American Politics and Public Policy, 2009-2010.

Primary Investigator, “Epigenetics and the Molecular Politics of Maternal Care,” Faculty Seed Development Grant, UCLA Center for the Study of Women, 2009-2010.

Co-Primary Investigator, “Nanotechnology: Content and Context,” Nanotechnology Undergraduate Education Initiative, NSF, 2004.

Classes Taught

Integrative Approaches to Human Biology and Society: Introduction to the Major (SocGen 5)

Stress: Physiology, Biology, and Social Inequality (SocGen 180)

Politics of Reproduction (Sociology M164)

Biotechnology and Society (SocGen 130/Soc180E)

Eating Society: The Science and Politics of Food from Individual to Planetary Health (Soc/SocGen/Food Studies M136)

Food and Science (Fiat Lux SocGen 19)

Food, Medicine and Politics (Sociology 19)

Biopolitics and Its Discontents (graduate seminar, Sociology 285)

Sociology in Technoscientific Times (graduate seminar, Sociology 285)

Introduction to Sociological Methods and Theory (graduate proseminar, Sociology 202)

The Anthropocene in the Cell (Graduate Masterclass, King’s College London June 2019)

Social Science for the Anthropocene: Research in Catastrophic Times (grad seminar, Soc 285)

Sociology Meets Climate Change: Studying Reproduction, Environments, and Human Communities in Changing Times (Sociology 191V)

Keynotes and Invited Lectures (2015-2021)

“The Anthropocene in the Cell: From Cheap Chicken to Genome Instability,” University College London Anthropocene Theme, May 2021.

“A Metabolic Turn for Science and Society,” Metabolism Month, Novo Nordisk Foundation Center for Basic Metabolic Research, March 2021.

“Social Forms of Biological Exchange: Community Metabolism Concepts for Anthropogenic Times,” Canadian Institute for Advanced Research, Human Microbiome Program, October 2020.

“The Microbiome After Industrialization: The Biology and History of Arsenic and Temporospatial Integrity,” Metaorganism Research Centre, University of Kiel, October 2020.

“Inflammatory Remarks: The Metabolic Turn in Biosciences and Beyond,” Center for Research in the Arts, Humanities and Social Sciences, University of Cambridge, October 2020.

“Anthropology of Metabolism in Epigenetic Times,” Dean’s Distinguished Lectureship Series, Anthropology Keynote, Rutgers, February 2020.

“Eating History: Reading Epigenetic Science for a Metabolic Ethics,” Center for Professional and Applied Ethics, University of North Carolina, Charlotte, November 2019.

“The Anthropocene in the Cell: On Sediments, Genomes, and Reading the Biology of History,” Centre for Invention and Social Process Seminar, Goldsmiths University of London, October 2019.

“Anthropogenic Innards: Interiority After the Industrialization of Metabolism,” International Lecture Series, Royal College of London School of Architecture, London, October 2019.

“The Past and Future of Metabolic Biotechnology,” Forum on Technology and Humanity, University of Southern California, April 2019.

“Outside In: Microbiomes, Epigenomes, Visceral Sensing, and Metabolic Ethics,” Serpentine Gallery, London, December 2018.

“The Food of our Food: Landscapes of Arsenic Exposure,” Royal College of Art, School of Architecture, London, November 2018.

“War and Antibiotic Resistance, the Long View,” Brocher Foundation, Geneva, November 2018.

“The Food of Our Food and the Industrialization of Metabolism,” University of Oslo, November 2018.

“The Anthropocene in/of the Cell,” keynote, Deakin Anthropocene Campus, September 2018.

“The Industrialization of Metabolism,” Caltech History of Science Colloquium, April 2018.

“The Food of our Food” UC Berkeley Department of Geography Colloquium, March 2018.

“Antibiotic Resistance and the Biology of History,” History and Philosophy of Science Colloquium, University of Sydney, July 2017.

“A Short History of Metabolism, From the Industrial Age to the Epigenetic Present,” E.B. Wilson History and Philosophy of Science Friday Evening Lecture, Woods Hole, June 2017.

“Science Inside Out: Piecing Together New Developments in Epigenetics and the Microbiome,” keynote address, “Microbiome Goes Mainstream,” London School of Tropical Medicine and Hygiene, February 2017.

“Antibiotic Resistance and the Biology of History,” Max Planck Institute for the History of Science, Berlin, November 2016.

“The Butcher’s Philosophy: Health in a Metabolic Landscape,” Center for Population Research Colloquium, Ohio State University, March 2016.

“The Biology of History: From the Body as Machine to the Metabolic Community,” Institute for Arts and Humanities, Penn State University, October 2015.

“A Sociology of Metabolism in Epigenetic Times,” Sociology Department Colloquium, Columbia University, October 2015.

“The Metabolic Condition: Historical Notes,” Center for Science and Society, Columbia University, October 2015.

“From Food as Fuel to Nutrition as Regulation: Metabolism and Society,” Robinson Institute, University of Adelaide, September 2015.

“Embryos in Time: Metabolic, Filmic, and Genetic Accounts,” IVF Histories and Cultures Workshop Keynote, University of Cambridge, June 2015.

“Thinking Beyond Organs,” Center for Vascular Biology Research, Harvard University, April 2015.

“After Homeostasis,” Society of Fellows, Columbia University, April 2015.

Conference Presentations (2015-2021)

“From Cheap Chicken to Genome Instability: Arsenic, Diabetes, and the Social Nature of One-Carbon Metabolism,” Workshop on the Anthropocene and Public Health, Max Planck Institute for the History of Science, Berlin, Germany, October 2019.

“Metabolic Materialism,” NHGRI History of Genomics Workshop: Philosophical Explanations in Genomics, NIH, Washington DC, July 2019.

“From Cheap Chicken to Genome Instability: Arsenic, Diabetes, and the Social Nature of One-Carbon Metabolism,” American Physical Anthropology Association, Cleveland, March 2019.

“Infectious Heredity and Industrialization: Chemical Landscapes of Antibiotic Resistance and Genome Instability,” American Anthropological Association, San Jose, November 2018.

“After Homeostasis,” Society for the Social Studies of Science, Sydney, September 2018.

“Images of Time in the Life Sciences,” keynote panel, “Time, Temporality and Transit,” Five College Women’s Studies Research Center, Mt. Holyoke, Massachusetts, May 2018.

“The Food of our Food: Medicated Feed and the Industrialization of Metabolism,” Risk on the Table: Food, Health and Environmental Exposures, Princeton University, March 2017.

“Metabolic Ethics,” BioHumanities, University of Illinois Champaign-Urbana, March 2017.

“The Information of Conformation: Chromatin Memory as the Imprint of Experience,” EMBL/EMBO Science & Society Conference “The Past and the Present: The Making of Memories,” European Molecular Biology Laboratories, Heidelberg, November 2016.

“The Food of our Food: Medicated Feed and Growth in Twentieth Century Agriculture,” workshop “Food’s Entanglement with Life, University of Oslo, September 2016.

“Antibiotic Resistance and the Biology of History,” workshop “The Constructing of Antibiotic Resistance,” London School of Hygiene and Tropical Medicine, London, August 2016.

“Just Genomic? A Place for Metabolic Ethics in Precision Medicine,” workshop “Just Data: Justice, Knowledge and Care in an Age of Precision Medicine,” UC Santa Cruz, May 2016.

“Matter and Sense: A Sociological Study of Olfaction and Ontological Fracture in Contemporary Life Science,” Society for Literature, Science and the Arts, Houston, November 2015.

“The Social as Signal in the Body of Chromatin,” Environmental Epigenetics and the Promise of a Biosocial Science, Brocher Foundation Switzerland, May 2015.

Public Outreach

Presenter, “Science Speed Dating,” National Academies of Sciences, Science & Entertainment Exchange, Los Angeles April 2019.

Documentary Consultant, *Oliver Sacks: His Own Life*, American Masters Films.

Documentary Consultant, *Decoding Watson*, American Masters Films.

Panelist, “Responsible Research in the Life Sciences,” Oslo Litteraturhuset, November 2018.

Panelist, “Unfolding Cities,” National Academy of Sciences Science & Entertainment Exchange/Berggruen Institute, Los Angeles, April 2018.

Panelist, “Conversations in Place,” Rancho Los Alamitos, Long Beach, October 2016.

Service to the Discipline(s)

Senior Editor. *BioSocieties*.

Advisory Board Member. Antimicrobials in Society (AMIS), London School of Tropical Hygiene and Medicine, London, UK; ReproSoc (Reproductive Sociology Group), Cambridge University, UK; Center for the Study of Women, UCLA; Health Equity & Translational Social Science (HETSS), UCLA.

Editorial Board Member. History and Philosophy of Science; Catalyst: Feminism, Theory and Technoscience; Frontiers in Ethical, Legal and Social Issues (ELSI) in Science and Genetics; Frontiers in Sociology.

Book Manuscript Reviewer

Chicago UP, MIT Press, UC Press, Duke UP, Minnesota UP, Harvard UP, Oxford UP, Cambridge UP, Routledge.

Article Manuscript Reviewer

American Journal of Sociology; Environmental Sociology; Medical Anthropology Quarterly; BioSocieties; Body and Society; Social Science & Medicine; Radical History Review; Journal of the History of Biology; Current Anthropology; Cultural Anthropology; Medical Anthropology; Nature Methods; Studies in the History and Philosophy of the Biological and Biomedical Sciences; Theory, Culture & Society.

Grant Reviewer

National Science Foundation (US), Marsden Trust (New Zealand), Wellcome Trust (UK), American Council of Learned Societies (US), Partner University Fund (France-US), Fund for Scientific Research (Belgium), Paris Institute for Advanced Studies (France), European Research Council.