

HANNAH LANDECKER
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Academic Appointments

Professor, Department of Sociology & The Institute for Society and Genetics	2017-present
Associate Dean for Undergraduate Education Division of Life Sciences	2024-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

Eby Award for the Art of Teaching, UCLA Distinguished Teaching Prize, 2024

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

Publications

Books

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

American Metabolism, in preparation.

Peer-Reviewed Journal Articles and Book Chapters

Le Goff, A. and **H. Landecker**, “Genome Engineering, Chemical Exposure, and the Germline: An Ethical Synthesis,” accepted for publication, *Hastings Center Report*.

Landecker, H., “The Underlying Condition as Disease Ecology: Covid-19 and the Anthropogenic Body of Infection,” in S. Opitz, A. Wiegeshoff, and C. Mezes, eds., *Ecologies of Disease Control: Spaces of Health Security in Historical Perspective*, Pittsburgh University Press, in press, 2025.

Haraoui, L.P., A. Rizk, and **H. Landecker**, “States of Resistance: Nosocomial and Environmental Approaches to Antimicrobial Resistance in Lebanon,” *History and Philosophy of the Life Sciences* 46, 28 <https://doi.org/10.1007/s40656-024-00624-8>

Landecker, H. “Cell Freezing and the Biology of Inexorability: Cryoprotectants and Chemical Time,” *BioSocieties* 19:635-655, 2024. <https://doi.org/10.1057/s41292-024-00331-4>

Landecker, H. “Life as Aftermath: Social Theory for an Age of Anthropogenic Biology,” *Science, Technology and Human Values*, Advance Online Publication, 2024. <https://doi.org/10.1177/01622439241233946>

Landecker, H. “How the Social Gets Under the Skin: From the Social as Signal to Society as a Metabolic Milieu,” *Kölner Zeitschrift für Soziologie und Sozialpsychologie (KZfSS)* 76:745-767, 2024. (Special issue: Biosocial and evolutionary approaches in sociology) <https://doi.org/10.1007/s11577-024-00951-5>

Le Goff, A., R. Jeffries Hein, A.N. Hart, I. Roberson, and **H. Landecker**, “Anticipating in vitro Gametogenesis: Hopes and concerns for IVG Among Diverse Stakeholders,” *Stem Cell Reports* 19(7):933-945, 2024. <https://doi.org/10.1016/j.stemcr.2024.05.002>

Landecker, H. and A. T. Clark, “Human Embryo Models Made from Pluripotent Stem Cells Are Not Synthetic. They Aren’t Embryos, Either,” *Cell Stem Cell* 30:1290-1293, 2023.

Landecker, H., “The Food of our Food: Medicated Feed and the Industrialization of Metabolism,” 56-85 in H. Paxson, ed., *Eating Beside Ourselves: Thresholds of Food and Bodies*, Duke University Press, 2023.

Campbell-Staton, S.C., R.H. Walker, S.A. Rogers, J. De León, **H. Landecker**, W. Porter, P.D. Matthewson, R.A. Long, “Physiological Costs of Undocumented Human Migration Across the Southern United States Border,” *Science* 374(6574): 1496-1500, 2021.

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., “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. Haroui, 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.

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., “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., “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.

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," *The Scholar & Feminist Online* 11(3): Summer 2013. <https://sfonline.barnard.edu/life-un-ltd-feminism-bioscience-race/metabolism-reproduction-and-the-aftermath-of-categories/>

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, Interviews, Reviews, Popular Articles/Art Catalogs

Landecker, H. "Deranged Ecologies," *Tumbling Ecologies: Algae, Bacteria, Fungi*, ed. Mel Chen, Anicka Yi Studio, forthcoming 2025.

Landecker, H., Review: *Wonder Foods: The Science and Commerce of Nutrition*, by Lisa Haushofer, *Gastronomica* 24(4):70-71, 2024.

Zheng, D. and I. Roth-Dishy, "Eliminate the Lump: A Conversation with Hannah Landecker," *The College Hill Independent*, September 13, 2024. <https://www.theindy.org/article/3295>

Landecker, H. "Enzyme Power," *Current History* 122(847): 283-288, 2023.

Landecker, H. "Viruses are More Like Cone Snails Than Hijackers," *eFlux Journal* #130, October 2022.

Gierstorfer, C., an interview with Hannah Landecker, "'The Early Bird Gets the Profit' Comes Home to Roost" *Köpfe und Ideen* 17, June 2022.
<https://www.wiko-berlin.de/en/wikothèque/koepfe-und-ideen/issue/17/vom-futterzauberer-zum-zauberlehrling>

Young, B. "Multiple Metabolisms: From Global Capitalism to Daily Digestion, an Interview with Hannah Landecker," *Mold Magazine*, April 19, 2021.
<https://thisismold.com/geographic-dispatch/geographic-dispatch-multiple-metabolisms>

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

Landecker, H. "Hyphal Tunnels," Foreword to *Matsutake Worlds*, ed. L. Faier & M. Hathaway, Berghahn Press, 2021.

Landecker, H. "Voracious Biomass," 39-44 in *Vanessa Billy: We Become/Redevenir*, Pasquart Kunsthau Centre d'Art, Verlag für Moderne Kunst 2021.

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

Landecker, H. Foreword to *Salmon: A Red Herring*, by Cooking Sections, Isolarii Press, 2020.
<https://www.isolarii.com/forewords/hannah-landecker>

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., "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/>

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.

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.

“Hot Cling, Shear Magic, and the Mouthfeel of Capitalism: Images From the History of Ultra Processed Foods. Art Exhibition. UCLA Art|Science Gallery April 10-17, 2024.

Grants

Co-organizer, Brocher Foundation Conference Grant, “Making eggs and sperm in the lab: 21st century bioethics and the rise of new reproductive futures,” Switzerland, October 2024.

Fellow, Canadian Institute for Advanced Research, Future Flourishing Program, 2023-2028.

Primary Investigator, “Ethical and Social Implications of In Vitro Gametogenesis,” National Institutes of Health, 2021-2023.

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, 2021-2022.

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

Sleep and Society (Sociology 180D)
 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 (2020-2025)

“The Biology of Mass Production? Methods and Questions for the Study of Anthropogenic Life,” Department of Ecology and Evolutionary Biology, Princeton, March 2025.

“Enzyme Power,” STS Methods Lab, TIK Centre for Technology, Innovation and Culture, University of Oslo, February 7, 2025.

“On Saving the Planet with Proteins: The Historical Significance of Shifting Biological Engineering into Post-Translational Space-Time,” Max Planck Institute for the History of Science, Berlin, October 2024.

“Ultra Processed Aesthetics? A Short History of Viscosity, Extrusion, and Emulsification,” Material Culture Forum, Department of History, Cambridge University, October 2024.

“The Shift-worker as Model Organism: Sugar and Time in the Metabolic Body,” Urban Ecologies and Infrastructural Geographies, Cambridge University, May 2024.

“Distilled, Extruded, Suspended: Lessons in Lifelikeness from the Metabolism of Mass Production,” Keynote, Politics of the Machines Aachen, RWTH Aachen, April 2024.

“Emulsifiers, Gums and Clouding Agents: From the Mouthfeel of Capitalism to the Gelation of the Present,” Pembroke Center, Brown University; Technoscience Salon, University of Toronto, March 2024.

“Food, Time, and Rancidity: An Antioxidant Perspective on Bodies and Things,” Spanish Pavilion Foodscapes Project, 18th International Architecture Biennale, Venice, August 2023.

“Social Science of Bioscience Today: State of the Field,” King’s College London, June 2023.

“Metabolism is not a Metaphor: From Empirical Studies of Metabolic Power to Social Theory,” Wellcome Centre for Cultures and Environments of Health Annual Public Lecture, Exeter UK, June 2023.

“Compartmentalization in Theory: Boundedness, Integrity, and Organization in Microbiome and Mitochondrial Science and Ethics,” HealthXCross European Research Council grant launch, Ca’Foscari University of Venice, September 2022.

“Boundaries, Compartments, and the Importance of Being Separate Together,” Matters of Activity Cluster, Humboldt University, July 2022.

“Coming Home to Roost: Metabolism and Social Theory for the 21st Century,” Metabolism Studies: Materiality and Relationality for the Anthropocene, University of Lyon, June 2022.

“The Antioxidant and the Industrialization of Metabolism,” Transformation of Human-Environment Systems, Humboldt University, Berlin, May 2022.

“The Industrialization of Metabolism: Histories and Consequences,” Czech Academy of Sciences, Prague, May 2022.

“The Shift-worker as Model Organism: Sugar and Time in the Epigenetic Body of Chronic Disease,” Institut d’Histoire et de Philosophie des Sciences et des Techniques, Université Paris 1 Panthéon-Sorbonne, March 2022.

“Built to Last: An Antioxidant Perspective on Bodies and Things,” Intra-Disciplinary Seminar Series, Cooper Union, New York, February 2022.

“Coming Home to Roost: Metabolism and Social Theory in the 21st Century,” Yale Agrarian Studies Colloquium, November 2021.

“Interiority After the Industrialization of Metabolism,” Schering Stiftung, Berlin, September 2021.

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

“A Sociology of One-Carbon Metabolism,” Women in Molecular Biology Colloquium Series, University of Southern California, March 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,” Meta-organism 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.

Conference and Workshop Presentations (2019-2024)

Metabolic Futures Workshop, Schloss Solitude Stuttgart, April 2025.

“Trace Amounts at Industrial Scale: Arsenicals and Manufactured Feed in the Production of the ‘Western Diet,’” Institute for Advanced Study Paris. Panel Discussion of *Risk on the Table: Food Production, Health and the Environment*. January 2025.

“At Scale: Antioxidants in Mass Production,” Aftermaths of the Scalar, Royaumont, France, June 2024.

“Recursive Dextran Worlds,” Biomedical Incongruities, King’s College London, May 2024.

“Enzymes Past,” Enzymes Past, Present and Future, Roskilde University, Denmark, April 2024.

“‘Well, We Chopped it Down’: Consuming Local Ecologies, Cultivating Planetary Uniformity,” Los Angeles as a Site of Planetary Health workshop, USC/Berggruen Institute April 2024.

“Microbial Enzymes in Mass Production,” A New History of Microbes 1970-2000, Authors’ workshop, Princeton University, January 2024.

“Responses to In Vitro Gametogenesis from Potential Stakeholders” National Academies of Science, Washington DC, April 2023.

“Social Theory and Anthropogenic Biology,” AlterLife, University of California Humanities Research Institute symposium, San Francisco, February 2023.

“The Antioxidant as Paradox: Drug, Food, Toxicant, Preservative, Pollutant, Supplement,” American Anthropological Association Annual meeting, Seattle, November 2022.

“Cell Freezing and Biofertility: Peroxidation, Genome Instability, Inexorability,” Politics of Suspension, Goethe University Frankfurt, June 2022.

“The Shift Worker as Model Organism,” Histories of the Future of Work, Wissenschaftskolleg zu Berlin, May 2022.

A Short History of Making Indigo with (Engineered) Microbes,” History and Future of Fashion Workshop, Wissenschaftskolleg zu Berlin, May 2022.

“Inflammatory Remarks: the Underlying Condition as the Anthropocene in the Cell,” London School of Economics & Law School Sciences Po, Planetary Responsibilities, December 2021.

“The Metabolic Body of Covid-19” University of Marburg, workshop Securing Epidemic Ecologies, December 2021.

“From Archives to Isotopes: Studying the Transit of Petroleum-derived Nutrients Through Social and Biological Worlds,” Society for the Social Studies of Science (4S) Annual Meeting “Virtual Toronto,” October 2021.

“Animals in the Stream of Matter: Manufactured Feed and the Industrialization of Metabolism,” Yale Agrarian Studies workshop “Industrial Livestock Production, Fish Farming, and Global Climate Change,” October 2020.

Guest Lectures

UCLA CalTech Medical Scientist Training Program Tutorial Series May 8, 2023
 Research Revealed, UCLA Undergraduate Research Center for the Humanities, Arts, and Social Sciences, June 1, 2023; October 2024.
 York University STS graduate program research cluster, Bodies: Organic, Inorganic, Technological, October 20, 2023

Public Outreach

“How Can the Concept of Metabolism Help Us Understand Scale?” The Museum of Modern Art R& D Salon 46: Scale, January 29, 2024.

Selection Jury, Alfred P. Sloan Foundation, Museum of the Moving Image, Technology-Themed Feature Film or TV Pilot Prize, 2022.

Documentary Consultant, *Oliver Sacks: His Own Life* (2020); and *Decoding Watson* (2019), American Masters Films.

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

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.

Service to the Discipline(s)

Senior Editor. *BioSocieties*. Editorial Board Member, *History and Philosophy of the Life Sciences*.

Advisory Board Member. Antimicrobials in Society (AMIS), London School of Tropical Hygiene and Medicine, London, UK; ReproSoc (Reproductive Sociology Group), Cambridge University, UK; HealthXCross Project, Ca’Foscari University of Venice; EnviroBioSoc (ANR project) University of Paris-1 Panthéon-Sorbonne.

Fellowship, program, and grant review. RWJF Health Policy Research Scholars program (2023-2024); Radcliffe Institute Fellowship Review (2019-2024); ACLS Dissertation Innovation Fellowships (2022-2024); NSF Panel Review Rules of Life (2023); Israel Science Foundation (2023), Research Councils of the University of Liege (2023); Canadian Institute for Advanced Study Azrieli Fellowship Selection Committee (2024); MIT Social Sciences Visiting Committee (2022-ongoing)

Recent UCLA Departmental Service

Sociology Department First Year Graduate Mentor, 2022-2024
Sociology Department, Graduate Education Committee, 2023-2024
Sociology Department, Undergraduate Education Committee, 2022-2023
Institute for Society and Genetics Fellows Meeting Coordinator, 2023-2024
Institute for Society and Genetics, Ad Hoc Committee Member, 2022-2024
Robert Wood Johnson Foundation, Home Faculty Mentor, 2022-2024
Institute for Society and Genetics, Recruitment committee, potential joint hire with the Getty Conservation IDP, 2023

Non-departmental UCLA Service 2020-2024

Co-Director, Center for Reproductive Health Science and Education, 2022-(ongoing)
Graduate Research Mentor Fellowship Review Committee, 2024
Graduate Summer Mentorship Program Review Committee, 2023
Technology Development Group Faculty Oversight Committee, 2018-2021
Dean Search Committee, UCLA Life Sciences, 2020
Life Science Division ListServ Policy Update, 2020
Center for the Study of Women Faculty Research & Tillie Olsen Grants Committee, 2019-2020
Center for the Study of Women, Advisory Board, 2019-2021
Public Policy Barrier Step Ad Hoc Committee, 2022-3
Health Equity and Translational Social Science Research Theme, Advisory Board, 2024-ongoing