

Jeffrey W. Lockhart

Academic Positions

- 2025– **Assistant Professor**, Sociology, University of California, Berkeley.
- 2026– **Faculty Affiliate**, Population Sciences, University of California, Berkeley.
- 2025– **Faculty Affiliate**, Berkeley Institute of Data Science, University of California, Berkeley.
- 2022–25 **James S. McDonnell Postdoctoral Fellow**, Sociology, University of Chicago.
- 2021–22 **Affiliate**, Women, Gender, and Sexuality, Harvard University.
- 2014 **Fellow**, *Data Science for Social Good*, University of Chicago.

Education

- 2022 **Ph.D. Sociology**, *University of Michigan*.
- 2017 **M.A. Sociology**, *University of Michigan*.
- 2015 **M.Phil. Multi-Disciplinary Gender Studies**, *University of Cambridge*.
 - Gates-Cambridge Scholar
- 2014 **M.S. Computer Science**, *Fordham University*.
- 2013 **B.S. Computer Science & Women's Studies**, *Fordham University*.

Publications

† denotes equal authorship; * denotes a student coauthor.

Peer Reviewed Articles

- Forthcoming King, Molly M.[†] and **Jeffrey W. Lockhart**[†]. “Sharing Knowledge Openly: Author Gender, Race/Ethnicity, & Feminist Science.” *Gender & Society* xx(xx):xx. (Preprint)
- Forthcoming Kleinherenbrink, Annelies, Radhika Radhakrishnan, Marion Boulicault, Maggie Delano, **Jeffrey W. Lockhart**, Madeleine Pape, Ula N. Ratajec. “Beyond the hype of AI as a panacea for women’s health.” *npj Women’s Health* xx(xx):xx. (Preprint)
- 2025 Smith, Thomas M.* and **Jeffrey W. Lockhart**. 2025 “‘This work would not have been possible without...’: The Length of Acknowledgements in Sociology Books.” *Socius* 11:1-3.
- 2025 **Lockhart, Jeffrey W.**, Agustín Fuentes, Gina Rippon, and Lise Eliot. “Not so binary or generalizable: Brain sex differences with artificial neural networks.” *Proceedings of the National Academy of Sciences* 122(2):e2411917121.
- 2025 **Lockhart, Jeffrey W.**, Molly M. King, and Christin Munsch. 2025 “Who Authors Social Science? Demographics and the Production of Knowledge.” *Social Currents* 12(1):17-29. (Further links: SI, Preprint)

- 2023 **Lockhart, Jeffrey W.** “Because the Machine Can Discriminate: How Machine Learning Serves and Transforms Biological Explanations of Human Difference.” *Big Data & Society* 10(1):1-14. (Further links: Preprint)
- 2023 **Lockhart, Jeffrey W.**, Molly M. King, and Christin Munsch. 2023 “Name-Based Demographic Inference and the Unequal Distribution of Misrecognition.” *Nature Human Behavior* 7(July):1084-95. (Further links: Open Access, Preprint)
- 2023 Lee, Katharine M.N., Tamara Rushovich*, Annika Gompers*, Marion Boulicault, Steven Worthington, **Jeffrey W. Lockhart**, and Sarah S. Richardson. 2023 “A Gender Hypothesis of sex disparities in adverse drug events.” *Social Science & Medicine* 339(December 2023):116385.
- 2023 Rushovich, Tamara*[†], Annika Gompers*[†], **Jeffrey W. Lockhart**[†], Sarah S. Richardson, Steve Worthington, Ife Omidiran, and Katharine M.N. Lee. 2023 “Adverse drug events by sex after adjusting for baseline rates of drug use.” *JAMA Network Open* 6(8):e2329074.
- 2023 **Lockhart, Jeffrey W.** 2023 “The Gay Right: A Framework for Understanding Right Wing LGBT Organizations.” *Journal of Homosexuality* 70(13):3024-50. (Further links: Preprint)
- 2021 **Lockhart, Jeffrey W.** 2021 “Paradigms of Sex Research and Women’s Participation in STEM.” *Gender & Society* 35(3): 449-75. (Further links: Supplemental Materials, Preprint)
- 2021 **Lockhart, Jeffrey W.** and Abigail Jacobs. 2021. “Scientific Argument with Supervised Learning.” In *Proceedings of the 2021 AI for Science Workshop at NeurIPS*.
- 2020 Schwemmer, Carsten, Carly Knight, Emily Bello-Pardo, Stan Oklobdzija, Martijn Schoonvelde, and **Jeffrey Lockhart**. 2021 “Diagnosing Gender Bias in Image Recognition Systems.” *Socius* 6: 1-17. (Further links: Replication Materials)
- 2020 Azari, Abigail R., **Jeffrey W. Lockhart**, Michael W. Liemohn, and Xianzhe Jia. 2020 “Incorporating Physical Knowledge into Machine Learning for Planetary Space Physics.” *Frontiers in Astronomy and Space Sciences* 7(36): 1-14. (Further links: Preprint)
- 2016 Weiss, Gary M., **Jeffrey W. Lockhart**, Tony T. Pulickal, Paul T. McHugh, Isaac H. Ronan, and Jessica L. Timko. 2016. “Actitracker: A Smartphone-based Activity Recognition System for Improving Health and Well-Being.” *Proceedings of the 3rd IEEE International Conference on Data Science and Advanced Analytics (DSAA)*: 682-688.
- 2014 **Lockhart, Jeffrey W.** and Gary M. Weiss. 2014. “The Benefits of Personalized Smartphone-Based Activity Recognition Models.” *Proceedings of the 2014 SIAM International Conference on Data Mining*: 614-622.
- 2014 **Lockhart, Jeffrey W.**, Gary M. Weiss. 2014. “Limitations with Activity Recognition Methodology & Data Sets.” *Pervasive and Ubiquitous Computing*: 747-756.
- 2013 Weiss, Gary M., Ashwin Nathan, J. B. Kropp, and **Jeffrey W. Lockhart**. 2013. “WagTag: A Dog Collar Accessory for Monitoring Canine Activity Levels.” *Pervasive and Ubiquitous Computing*: 405-414.
- 2012 **Lockhart, Jeffrey W.**, Tony T. Pulickal, and Gary M. Weiss. 2012. “Applications of Mobile Activity Recognition.” *Ubiquitous Computing*: 1,054-1,058.

- 2012 Weiss, Gary M. and **Jeffrey W. Lockhart**. 2012. “A Comparison of Alternative Client/server Architectures for Ubiquitous Mobile Sensor-Based Applications.” *Ubiquitous Computing*: 721-724.
- 2012 Weiss, Gary M. and **Jeffrey W. Lockhart**. 2012. “The Impact of Personalization on Smartphone-Based Activity Recognition.” *Proceedings of the Activity Context Representation Workshop at AAAI ‘12*: 98-104.
- 2011 **Lockhart, Jeffrey W.**, Gary M. Weiss, Jack C. Xue, Shaun T. Gallagher, Andrew B. Grosner, and Tony T. Pulickal. 2011. “Design Considerations for the WISDM Smart Phone-Based Sensor Mining Architecture.” *Knowledge Discovery from Sensor Data at KDD*: 25-33.
- 2011 Weiss, Gary M. and **Jeffrey W. Lockhart**. 2011. “Identifying User Traits by Mining Smart Phone Accelerometer Data.” *Knowledge Discovery from Sensor Data at KDD*: 61-69.

Book Chapters

- 2025 **Lockhart, Jeffrey W.** 2025. “Gender, Sex, and the Constraints of Machine Learning Methods.” Pp. 327–342 in the *Oxford Handbook of the Sociology of Machine Learning*. ed. Christian Borch and Juan Pablo Pardo-Guerra. Oxford: OUP. (Preprint)
- 2020 **Lockhart, Jeffrey W.** 2020. “‘A Large and Longstanding Body’: Historical Authority in the Science of Sex.” Pp. 359-386 in *Far-Right Revisionism and the End of History: Alt/Histories*. ed. Louie Dean Valencia-García. New York: Routledge. (Preprint)

Reviews

- 2025 **Lockhart, Jeffrey W.** 2025. Review: *Cosmopolitan Scientists: How a Global Policy of Commercialization Became Japanese* by Nahoko Kameo, Stanford: Stanford University Press. 2024. *Contemporary Sociology: A Journal of Reviews* 54(6): 519-521.
- 2024 **Lockhart, Jeffrey W.** 2024. Review: *A Kaleidoscope of Identities: Reflexivity, Routine, and the Fluidity of Sex, Gender, and Sexuality*, by James W. Messerschmidt and Tristan Bridges, Lanham, MD: Rowman & Littlefield. 2022. *Contemporary Sociology: A Journal of Reviews* 53(2): 156-158.

Work In Progress

- R&R Stone, Amy L., Brandon Andrew Robinson, **Jeffrey W. Lockhart**, Oralia Loza, Christin Munsch, Otis McCandless-Chapman*, and Jvania Michelle Webb. “Housing Is Not Neutral: Gender, Sexuality, and Subjective Experiences of Safety and Stability.”
- Under Review **Lockhart, Jeffrey W.**, Jamshid Sourati, Feng Shi, and James Evans. “China leads scientific trends; the West launches new ones.” (Preprint)
- Under Review Biliotti, Carolina, Massimo Riccaboni, **Jeffrey W. Lockhart**, and James A. Evans. “The Innovation Recognition Paradox: How Science Undervalues the Boundary-Crossing Work Women Produce.” (Preprint)
- Under Review Lee, Edward D., Christopher P. Kempes, Manfred D. Laubichler, Marcus J. Hamilton, **Jeffrey W. Lockhart**, Frank Neffke, Hyejin Youn, José Ignacio Arroyo, Vito Domenico Pietro Servedio, Dashun Wang, Jessika E. Trancik, James A. Evans, Vicky Yang, Veronica Roberta Cappelli, Ernesto Ortega, Yian Yin, and Geoffrey B. West. “Synthesis of innovation and obsolescence.”

Under Review **Lockhart, Jeffrey W.** “Chatbots are not ‘frictionless’ social interaction.”

External Grants and Scholarships

- 2024–25 **Santa Fe Institute.**
Authority of Ideas: Aesthetics of Biofilms and the Anthropocene, with Anna Clemencia Guerrero
- 2022–25 **James S. McDonnell Foundation Postdoctoral Fellowship.**
- 2018 **Russell Sage Foundation and Alfred P. Sloan Foundation.**
Project grant with Em Bello-Pardo, Carly Knight, Carsten Schwemmer, Iacopo Pozzana, Martin Schoonvelde, and Stan Oklobdzika.
- 2014–15 **Gates-Cambridge Scholarship.**
- 2014 **Eric & Wendy Schmidt Data Science for Social Good Summer Fellowship.**

Awards and Honors

- 2018 Graduate Student Mentor Award, University of Michigan, Department of Sociology.
- 2015 Elected Scholar, Jesus College Cambridge.
- 2013 Women’s Studies Essay Award, Fordham University.
- 2013 Herbert W. Bomzer Award in Computer Science, Fordham University.

Selected Invited Speaking

Talks

- 2026 **Jeffrey Lockhart** Keynote: “How Science Gets Made” at ‘Night of Ideas’, *Texas State University*, San Marcos, TX.
- 2023 **Jeffrey Lockhart** “Machines Making Up People: Machine Learning and the (Re)production of Human Kinds” at ‘The Personal and the Computational’, *Dartmouth*, Hanover, NH.
- 2023 **Jeffrey Lockhart** Keynote: “Sex, gender, machine learning, and values in biological research.” *Sex, Gender, and Everything in Between conference*. New York, NY.
- 2023 **Jeffrey Lockhart** “Gender and AI.” *Santa Clara University*. Santa Clara, CA.
- 2021 **Jeffrey Lockhart** “Paradigms of Sex Research and Women in STEM.” *Northwestern University*. Chicago, IL.
- 2021 **Jeffrey Lockhart** “Paradigms of Sex Research and Women in STEM.” *Colorado University, Boulder*. Boulder, CO.
- 2015 **Jeff Lockhart**. 2015. “The Students Are Not All Right: LGBT+ Student Lives beyond the Happy Normal and the Suicidal Exception.” *University of Cambridge*. Cambridge, UK.

Panels

- 2022 **Jeffrey Lockhart** “Intersectional Perspectives on Knowledge Production and Open Science.” *American Sociological Association (ASA)*. Los Angeles.
- 2021 **Lockhart, Jeffrey W.** “Fairness and ethical AI in healthcare.” *NeurIPS ML4Health workshop*.

Selected Professional Service Activities

2018-21 **Chair**, LGBTQ Caucus, ASA.

Term divided into chair-elect, chair, and past-chair.

2017-21 **Website Administrator**, Sexualities Section, ASA.

2016, 19 **Application Reviews**, *Data Science for Social Good (DSSG) Fellowship*.

2015-17 **Chair**, Student Research & Survey Subcommittee, Sociologists for Women in Society (SWS).