Laura K. Nelson

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PROFESSIONAL APPOINTMENTS

2024 - present	Associate Professor of Sociology, University of British Columbia
	• Director, Centre for Computational Social Science (2022 - 2026)
2021 - 2024	Assistant Professor of Sociology, University of British Columbia
2016 - 2021	Assistant Professor of Sociology, Northeastern University
	• Core Faculty, NULab for Texts, Maps and Networks • Affiliated Faculty, Network Science Institute • Executive Committee, Women's, Gender, and Sexuality Studies
2016 - 2017	Postdoctoral Fellow, University of California, Berkeley
	• Digital Humanities @ Berkeley • Berkeley Institute for Data Science
2014 - 2016	Postdoctoral Research Fellow, Kellogg School of Management, Northwestern University, PI: Brayden King
	• Research Affiliate, Northwestern Institute on Complex Systems

EDUCATION

2014	PhD - Sociology, University of California-Berkeley
	• Dissertation: "The Power of Place: Structure, Culture, and Continuities in U.S. Women's Movements" • Committee: Kim Voss (chair), Raka Ray, Robin Einhorn
2009	MA - Sociology, University of California-Berkeley
2006	BA - Sociology, University of Wisconsin-Madison
	• Concentration in Analysis and Research • Phi Beta Kappa

PUBLICATIONS

*indicates co-author was a graduate student at the time of writing
†indicates equal first or senior co-authorship

Peer-Reviewed Articles

Than, Nga, *Leanne Fan, Tina Law, **Laura K. Nelson**, and Leslie McCall. 2025. "Updating "The Future of Coding": Qualitative Coding with Generative Large Language Models." *Sociological Methods & Research* (online first): https://doi.org/10.1177/004912412513391.

Zippel, Kathrin, Alexander J. Gates, *Rachel Grudt, and **Laura K. Nelson**. 2025. "From Funding Equity Initiatives to Research Productivity: Quantifying the Impact of NSF ADVANCE Awards on Recipients' Publication Trajectories." *Socius* 11: https://doi.org/10.1177/23780231251328714.

Gates, Alexander J., Jessica R. Gold, †**Laura K. Nelson**, and †Kathrin Zippel. 2024. "Translating Interdisciplinary Knowledge for Gender Equity: Quantifying the Impact of NSF ADVANCE." *Social Science Quarterly* 105 (2): 342-358.

Nelson, Laura K., Alexandra Brewer, Anna S. Mueller, Daniel M. O'Connor, Arjun Dayal, and Vineet M. Arora. 2023. "Taking the Time: The Implications of Workplace Assessment for Organizational Gender Inequality." *American Sociological Review* 88 (4): 627-655.

King, Brayden G and **Laura K. Nelson**. 2023. "Beyond Protests: Using Computational Text Analysis to Explore a Greater Variety of Social Movement Activities." Maher, Thomas V. and Eric W. Schoon (eds.). *Methodological Advances in Research on Social Movements, Conflict, and Change (Research in Social Movements, Conflicts and Change)* 47: 13-35.

Brewer, Alexandra, **Laura K. Nelson**, Anna S. Mueller, *Rebecca Ewert, Daniel M. O'Connor, Arjun Dayal, and Vineet M. Arora. 2023. "Gender and Inconsistent Evaluations: A Mixed Methods Analysis of Feedback for Emergency Medicine Residents." *Western Journal of Emergency Medicine* 24 (5): 847-854.

Miner, Adam S., *Sheridan A. Stewart, Meghan C. Halley, **Laura K. Nelson**, and Eleni Linos. 2023. "Formally Comparing Topic Models and Human-Generated Qualitative Coding of Physician Mothers' Experiences of Workplace Discrimination." *Big Data & Society* 10 (1): 20539517221149106. Replication Repository: https://zenodo.org/record/7486093

Nelson, Laura K. 2022. "Situated Knowledges and Partial Perspectives: A Framework for Radical Objectivity in Computational Social Science and Computational Humanities." *New Literary History* 54(1): 853-877.
Replication Repository: https://github.com/lknelson/RadicalObjectivity

Nelson, Laura K. 2022. "The Inequality of Intersectionalities in Chicago's First-Wave Women's Movement." *Signs: Journal of Women in Culture and Society* 47 (4): 905-930.

Nelson, Laura K., *Rebekah Getman, and *Syed Arefinul Haque. 2022. "And the Rest is History: Measuring the Scope and Recall of Wikipedia's Coverage of Three Women's Movement Subgroups." *Sociological Methods & Research* 51 (4): 1788–1825.
Replication Repository: https://github.com/syedarehaq/wikipedia_gender_concepts_establishment

Nelson, Laura K. 2021. "Cycles of Conflict, a Century of Continuity: The Impact of Persistent Place-Based

Political Logics on Social Movement Strategy." *American Journal of Sociology* 127 (1): 1-59.

†**Nelson, Laura K.** and †Kathrin Zippel. 2021. "From Theory to Practice and Back: How the Concept of Implicit Bias was Implemented in Academe, and What this Means for Gender Theories of Organizational Change." *Gender & Society* 35 (3): 330-357.

Nelson, Laura K. 2021. "Leveraging the Alignment between Machine Learning and Intersectionality: Using Word Embeddings to Measure Intersectional Experiences of the Nineteenth Century U.S. South." *Poetics* 88: 101539.
Replication Repository: https://github.com/lknelson/measuring_intersectionality

Nelson, Laura K., *Derek Burk, *Marcel Knudsen, and Leslie McCall. 2021. "The Future of Coding: A Comprehensive Comparison of Hand-Coding and Computer-Assisted Text Analysis Methods." *Sociological Methods & Research* 50 (1): 202-237.
Replication Repository: https://github.com/lknelson/future-of-coding

Nelson, Laura K. and Brayden G King. 2020. "The Meaning of Action: Linking Goals, Tactics, and Strategies in the Environmental Movement." *Mobilization: An International Quarterly* 25 (3): 315–338.

Nelson, Laura K. 2020. "Computational Grounded Theory: A Methodological Framework." *Sociological Methods & Research* 49 (1): 3-42.
Replication Repository: https://github.com/lknelson/computational-grounded-theory

Book Chapters

Nelson, Laura K. Accepted for publication. "Objectivity In/Through Partial Perspectives." *Handbook of Computational Social Science and Digital Humanities*, edited by Anders Kristian Monk and Anders Koed Madsen.

Nelson, Laura K. Accepted for publication. "Computational Inductive Research." *Handbook of Computational Social Science*, edited by Taha Yasseri. EdwardElgar Publishing.

Santana, Jessica J. and **Laura K. Nelson**. 2025. "How Machine Learning is Reviving Sociological Theorization." Pp. 569–588 in *The Oxford Handbook of the Sociology of Machine Learning*, edited by Christian Borch and Juan Pablo Pardo-Guerra. Oxford: Oxford University Press.
https://doi.org/10.1093/oxfordhb/9780197653609.013.35

Nelson, Laura K. 2018. "'Feminism Means More Than a Changed World…It Means the Creation of a New Consciousness in Women': Feminism, Consciousness-Raising, and Continuity Between the Waves." Pp. 175-197 in *100 Years of the Nineteenth Amendment: An Appraisal of Women's Political Activism*, edited by Holly J. McCammon and Lee Ann Banasak. Oxford: Oxford University Press.

†Crossley, Alison Dahl and †**Laura K. Nelson**. 2018. "Feminists Reshaping Gender." Pp. 549-559 in *Springer Handbook of the Sociology of Gender*, edited by Barbara Risman, Carissa Froyum, and William Scarborough. New York: Springer Press.

Edited Projects

†Bonikowski, Bart and †**Laura K. Nelson** (eds.). 2022. "Special Issue: Applied Computational Text Analysis in Sociological Research." *Sociological Methods & Research* 51 (4): 1449–1885.

Weber, I., Darwish, K.M., Wagner, C., Zagheni, E., **Nelson, L.**, Aref, S., Flöck, F. (eds.). 2019. *Social Informatics*. Proceedings of the 11th International Conference, SocInfo 2019, Doha, Qatar, November 18–21.

Sivak, Elizaveta and Ivan Smirnov. 2019. "Parents mention sons more often than daughters on social media." *Proceedings of the National Academy of Sciences* 116(6): 2039-2041. Edited by **Laura K. Nelson** (invited by Mary Waters).

Burawoy, Michael (ed). 2011. *Facing an Unequal World: Challenges for Sociology*. Published by the Institute of Sociology, Academia Sinica, Taiwan and the Council for National Associations, International Sociological Association. **Laura K. Nelson**, Abigail Andrews, and Fidan Elcioglu, associate editors.

Comments, Essays, Notes, and Reports

†Bonikowski, Bart and †**Laura K. Nelson**. 2022. "From Ends to Means: The Promise of Computational Text Analysis for Theoretically Driven Sociological Research." *Sociological Methods & Research* 51 (4): 1469–1483.

Gold, Jessica R., Alexander J. Gates, *Syed A. Haque, *Miranda C. Melson, **Laura K. Nelson**, and Kathrin Zippel. 2022. "The NSF ADVANCE Network of Organizations." *ADVANCE Journal* 3 (1). https://doi.org/10.5399/osu/ADVJRNL.3.1.3.

Nelson, Laura K. 2019. "Comment: To Measure Meaning in Big Data, Don't Give Me a Map, Give Me Transparency and Reproducibility." *Sociological Methodology* 49 (1): 139–143.

Aref, Samin, Kareem Darwish, Fabian Flöck, **Laura K. Nelson**, Claudia Wagner, Ingmar Weber, Emilio Zagheni. 2019. "Preface." Pp. i-xvi in *Social Informatics*. Proceedings of the 11th International Conference, SocInfo 2019, Doha, Qatar, November 18–21.

Nelson, Laura K. 2017. "Computational Methods, Meaning, and Comparative Historical Sociology." Special section on "Digitized (Big) Data and Comparative Historical Sociology." *Trajectories: Newsletter of the ASA Comparative Historical Sociology Section* 28(2): 35-37.

Voss, Kim and **Laura K. Nelson**. 2017. "Introduction." Special section on "Digitized (Big) Data and Comparative Historical Sociology." *Trajectories: Newsletter of the ASA Comparative Historical Sociology Section* 28(2): 26.

Gorbatai, Andreea and **Laura K. Nelson**. 2015. "Narrative Advantage: Gender and the Language of Crowdfunding." *Academy of Management Proceedings* 2015 (1): 15785.

Emery, Hannah, Maggie Frye, Kristen Grey, **Laura K. Nelson**, and Hana Brown. 2011. *Instructor's Guide to Writing for Sociology*. Published by the University of California-Berkeley Department of Sociology with a grant from the Teagle Foundation.

Book Reviews

Nelson, Laura K. 2025. "Book Review: *The Ordinal Society.*" *Acta Sociologica*. https://doi.org/10.1177/00016993251351777

Nelson, Laura K. 2022. "Book Review: *Measuring Culture.*" *Contemporary Sociology: A Journal of Reviews* 51 (1): 59–60.

Nelson, Laura K. 2021. "Book Review: *Knowledge Discovery in the Social Sciences: A Data Mining Approach.*" *Contemporary Sociology: A Journal of Reviews* 50 (4): 346–348.

Nelson, Laura K. 2016. "Book Review: *Everywhere & Nowhere: Contemporary Feminism in The United States.*" *Social Forces* 94 (3): e69.

Manuscripts Under Review or In Progress

Lauterwasser, Steven, **Laura K. Nelson**, Jessica R. Gold, and Kathrin Zippel. "Talents for the Talented: Disrupting the Matthew Effect in an NSF Award Program."

Gold, Jessica, Allison Deese, **Laura K. Nelson**, and Kathrin Zippel. "Gender Equity During Disruptive Events: Communities of Practice in the NSF ADVANCE Network." (Under Review)

Web-Based Publications (selected)

2019   "How do we nurture an academic landscape that is more accessible to women? Let's start by getting rid of the in-person interview." SAGE OCEAN Blog, March 6. https://ocean.sagepub.com/blog/2019/3/6/how-do-we-nurture-an-academic-landscape-that-is-more-accessible-to-women-lets-start-by-getting-rid-of-the-in-person-interview

2018   "The Computation/Context Trade-Off?" SAGE OCEAN Blog, November 13. https://ocean.sagepub.com/blog/2018/11/9/the-computationcontext-trade-off

2016   "Developing a Feel It, Smell It, Touch It Analytics," *Orgtheory.net,* June 14. https://orgtheory.wordpress.com/2016/06/14/forum-on-data-analytics-and-inclusivity-part-1/

2015   "Text as Data: A Call to Standardize Access and Training," *Mobilizing Ideas Essay Dialogue*, March 9. https://mobilizingideas.wordpress.com/2015/03/09/text-as-data-a-call-to-standardize-access-and-training/

2015   "Feminism, Culture, and Computational Sociology," *Mobilizing Ideas Essay Dialogue,* Oct. 3. https://mobilizingideas.wordpress.com/2014/10/03/feminism-culture-and-computational-sociology/

2014   "Computer-Assisted Content Analysis and Sociology: What You Should Know," *BadHessian*, January 24. http://badhessian.org/2014/01/computer-assisted-content-analysis-and-sociology-what-you-should-know/

2013   "A Quick and Easy Way to Turn Your Stata Knowledge into R Knowledge," *D-Lab Blog*, November 11. http://dlab.berkeley.edu/blog/quick-and-easy-way-turn-your-stata-knowledge-r-knowledge

GRANT ACTIVITY

2025   PI. "Unpacking the Black Box: Critical AI Literacies for Arts Education." Teaching and Learning Enhancement Fund, University of British Columbia (CAD $85,087)

2024   Co-applicant. UBC Faculty of Graduate and Postdoctoral Studies, "Tackling Online Hate Speech: Legal and Policy Pathways to Finding Justice in Canada," with Amanda Cheong, Kaitlyn Cumming, Sophie Liu, Heidi Tworek, Margot Young, and Chris Tenove (CAD $30,000)

2024   Co-applicant. Digital Citizen Contribution Program (Canadian Heritage), "Municipal Mis/Disinformation: Building Local Strategies to Address Climate Change," with Heidi Tworek, Chris Tenove, David Tindall, Divija Madhani, and Nicolas Côté (CAD $129,375)

2023   Co-applicant. Killam Connection Course, "Accountable Computer Systems," with Thomas Pasquier (lead), Muhammad Abdul-Mageed, Luciana Duranti, Cristie Ford, Benjamin Goold, Margo Seltzer, and Kristen Thomasen (CAD $25,000)

2020   Co-PI. National Science Foundation, "Innovation Networks: The Creation and Diffusion of Gender Equity Ideas in Universities," with Liza Weinstein (PI), Kathrin Zippel (co-PI) and Alexander Gates (senior personnel), Award #2000713 (USD $2,032,421, four years)

2019   Senior Personnel. Fonds de soutien a l'activite scientifique, Science Po, "Startuper or Startupeuse? The General Constraints of Entrepreneurship in the Digital Economy," with Jen Schradie (€60,000)

2018   Senior Personnel. NSF EAGER Grant, "Diffusion of Ideas of Gender Equity Interventions through Networks of U.S. Universities," with Kathrin Zippel (PI), Award #1836671 (USD $359,999)

2018   PI. Tier I Grant, Northeastern University, "Graphic-content Sharing in Our Digital Society," with Devesh Tiwari (USD $50,000)

2018   PI. Tier I Grant, Northeastern University, "Measuring Social Movement Success," with Elizabeth Dillon, Moya Bailey, Meg Heckman, and Sarah Jackson (USD $50,000)

2017   Hathi Trust Research Center Advanced Collaborative Support Project Award (six months in-kind support)

2015   Alfred P. Sloan Foundation, Computational Social Science Summit, with Brian Uzzi and Laura Noren (USD $15,000)

2015   Facebook, Computational Social Science Summit, with Brian Uzzi and Laura Noren (USD $10,000)

2012   Department of Sociology Small Research Grant, University of California, Berkeley (USD $2,000)

2006   Trewartha L&S Honors Research Grant, University of Wisconsin, Madison (USD $2,600)

2006   United Way Research Grant, Madison, WI (USD $1,500)

2006   City of Madison, Mayor Dave Cieslewicz, WI (USD $1,900)

2004   Summer Sophomore Research Apprenticeship Grant, University of Wisconsin, Madison (USD $1,500)

FELLOWSHIPS AND AWARDS

2020	Best Meta-Reviewer, 12th International Conference on Social Informatics (SocInfo20)
2020	Outstanding Faculty of the Year (given by the graduate students at Northeastern University, Department of Sociology and Anthropology)
2014	Leo Lowenthal Fellowship, University of California, Berkeley ($10,000)
2014	Richard A. Peterson Prize for Best Student Paper, Sociology of Culture Section Student Paper Award, American Sociological Association
2014	Leo Lowenthal Memorial Prize, University of California, Berkeley (award: $500)
2013	Outstanding Graduate Student Instructor, University of California, Berkeley (award: $250)
2010	Dean's Normative Time Fellowship, University of California, Berkeley ($28,950)
2009	Teagle/Spenser Teaching Fellowship ($4,000), to produce an instructor's guide on how to teach sociological writing to undergraduates
2008	NSF Graduate Research Fellowship, "The Old Left and the Women's Movement: movement continuity through social change" ($150,000 over three years)
2006	Regents Fellowship, University of California, Berkeley ($26,695)
2005	Phi Beta Kappa, University of Wisconsin, Madison

TEACHING

Courses

Accountable Computer Systems (co-instructor), graduate, University of British Columbia. Spring 2024.

Advanced Quantitative Methods Seminar, graduate, University of British Columbia. Spring 2023.

Data and Society, undergraduate, University of British Colubmia. Summer 2022, Spring 2023, Fall 2023, Fall 2024.

Bostonography, advanced undergraduate, Northeastern University, Interdisciplinary Studies, Social Science and Humanities. Spring 2020.

Analyzing Complex Digitized Data, graduate, Northeastern University, Interdisciplinary Studies, Social Sciences and Humanities. Fall 2020, Fall 2019, Spring 2019, Spring 2018.

Introduction to Programming for Data Science, undergraduate, Northeastern University, Data Science. Fall 2018.

Foundations of Social Theory II, required graduate, Northeastern University, Department of Sociology. Spring 2018.

Text Analysis for Humanists and Social Scientists, upper level undergraduate, University of California, Berkeley, Department of History. Spring 2017.

Comparative Historical Sociologies of Women's Movements in the United States, undergraduate capstone seminar, University of California, Berkeley, Department of Sociology. Spring 2014.

Online Courses

"Introduction to Applied Data Science for Social Scientists," SAGE Campus. Roll: co-author.
https://campus.sagepub.com/introduction-to-applied-data-science-methods-for-social-scientists

Workshops (selected)

2024	A 3-part workshop series on word embedding and generative AI at the University of British Columbia, September.
	Materials here: https://comet.arts.ubc.ca/pages/index/index_advanced.html
2023	"Word Embeddings for Social Science," University of British Colubmia, October 27
	Materials here: https://github.com/ubcecon/ai-workshop
2018	"The Practice of Curating Big Datasets," *Big Data and Managing in a Digital Economy, an Academy of Management Conference*, Surrey, UK, April 18
	Materials here: https://github.com/jtkiley/curation_workshop
2018	*Introduction to Python*, Measures for Justice, Rochester, NY, August
2016-2017	*Computational Text Analysis for the Humanities and Social Sciences*
	Digital Humanities @ Berkeley Summer Institute: August 14-18, 2017
	Materials here: https://github.com/lknelson/DH-Institute-2017
	Digital Humanities Institute, The Claremont Colleges: May 22-24, 2017
	Materials here: https://github.com/lknelson/text-analysis-2017
	Digital Humanities @ Berkeley Summer Institute: August 15-19, 2016
	Materials here: https://github.com/lknelson/text-analysis-2016
2013	*Effective and Efficient Grading*. Graduate Student Instructor Teaching Conference. University of California, Berkeley: August 23.

INVITED TALKS, KEYNOTES, AND MEETINGS

2025 Keynote Speaker. "Why Qualitative Research Needs Computational Social Science." International Conference and Computational Social Science, Norrköping, Sweden, July 22.

2025 Invited Speaker. "The Symbiosis of AI and Sociology." • Data Science/Computational Social Science Seminar, University of Michigan School of Information, Ann Arbor, March 27 • Department of Criminal Justice and Sociology and the School Computing, University of Wyoming, February 27.

2024 Keynote Speaker. "Augmenting Perspectives: Text Analysis, Qualitative Methods, and Computational Social Science." International Network of Analytical Sociologists Annual Conference, Leipzig, Germany, May 30-31.

2024 Invited Talk. "Generative AI in Teaching", Celebrate Learning Week, CTLT, University of British Columbia, May 9.

2024 Invited Speaker. "Beyond TechCrunch: Gender Variation in Startup Pitches in France and the U.S." Department of Sociology Computational Text Analysis Group, University of California-Los Angeles. April 28.

2023 Invited Panelist. "Augmenting Perspectives: Text Analysis, Qualitative Methods, and Computational Social Science." Culture and Social Analysis Workshop panel "Studying Cultural Ebbs and Flows with

Big Data," Harvard University, December 5.

2023   Invited Speaker. "Large Language Models for Social Science Research." Text Analysis Research Group, Institute for Analytical Sociology, Norrköping, Sweden, October 12.

2023   Invited Speaker. "Taking the Time: The Implications of Workplace Assessment for Organizational Gender Inequality." Jensen Lecture Series, Duke University Department of Sociology, September 22.

2023   Invited Panelist. American Sociological Association Book Forum - *The Quantified Scholar: How Research Evaluations Transformed the British Social Sciences*, August 18.

2023   Invited Panelist. "The Power and Responsibility of Computational Sociology." American Sociological Association Annual Conference Invite Session: "Contemporary and Emerging Issues in Computational Sociology," August 17.

2023   Invited Speaker. Summer Institutes in Computational Social Science (SICSS) • Paris, France, June 21 • NYU Shanghai, June 28

2023   Invited Panelist. "Large Language Models." The D.A.R.E. Workshop, ICWSM, June 5.

2023   Invited Speaker. "Word Vectors and LLMs for Perspectival Modeling in the Social Sciences." Stripe Partners, London, UK, May 4.

2023   Invited Panelist. "Looking Ahead 40 Years: Designing Qualitative Research in a Digital Age." Kellogg Institute for International Studies 40th Anniversary Celebration, University of Notre Dame, April 22.

2023   Invited Speaker. "Beyond Protests: Using Computational Text Analysis to Explore a Greater Variety of Social Movement Activities." TRIADS, Washington University in St. Louis, April 7.

2023   Invited Speaker. "Mapping Interdisciplinary Knowledge Production From the NSF ADVANCE Program." National Science Foundation, March 14.

2023   Invited Participant. Social Science FOO, Facebook HQ, February 10-12.

2022   Invited Speaker. "Cycles of Conflict, a Century of Continuity: Computational Methods and the Longue Durée." • University of California, San Diego Sociology Colloquium, May 12 • Indiana University Workshop in Methods, September 9.

2022   Invited Speaker. "In Support of the Agnostic Approach to Interpretive Computational Social Science." The Interpretive Data Science (IDeaS) Workshop II: Current Topics, Methods, and Policy Implications, University of British Columbia, May 6.

2022   Invited Speaker. "The Future of Machine Learning is Qualitative." Spark: a centre for social research innovation, McMaster University, February 4.

2022   Invited Speaker. "Partial Perspectives and Situated Knowledges: Radical Objectivity using Computational Methods." Computational Social Science Forum, hosted by the Computational Social Science Training Program, University of California - Berkeley, February 1.

2021   Invited Speaker. "Partial Perspectives and Situated Knowledges: Radical Objectivity using Computational Methods." • Data Science Institute at Columbia University Distinguished Speaker

Series, December 14 • Center for Informatics Research in Science and Scholarship (CIRSS), School of Information Science, University of Illinois Urbana Champaign, November 12.

2021 Keynote Speaker. German Centre for Higher Education Research and Science Studies Workshop on Machine Learning, October 13.

2021 Invited Speaker. "Visualizing Intersectionality." International Scientific Computing with Python (SciPy), July 15.

2021 Invited Speaker. Summer Institute for Computational Social Science (SICSS) • "And the Rest is History," Oxford University, June 17 • Panel on Using Text and Images as Social Science Data, SICSS Festival, Princeton University, June 22 • "Leveraging the Alignment between Machine Learning and Intersectionality," Howard University, June 24

2021 Invited Speaker. "Leveraging the Alignment between Machine Learning and Intersectionality: Using Word Embeddings to Measure Intersectional Experiences of the Nineteenth Century U.S. South." • University of Connecticut, Department of Sociology, February 5 • Complex Networks and Systems at Indiana University, February 25 • Workshop on Inequality and Social Policy, Harvard University • Center for Research in Economics and Statistics (CREST) Seminar Series, April 8 • Center for Empirical Research on Stratification and Inequality (CERSI), Yale University, October 28.

2021 Jurisprudence and Social Policy Research Design Lecture in Computational Text Analysis, University of California at Berkeley, March 3.

2021 Invited Speaker. "And the Rest is History." Culture and Politics Workshop, University of North Carolina at Chapel Hill, February 12 • Department of Sociology Colloquium, University of Illinois at Urbana-Champaign, October 25.

2020 Invited Speaker. "Equity and Inclusion in Times of Crisis." NSF Directorate for Education and Human Resources (EHR) Core Research (ECR) Program, panel on Gender Inequality and COVID. December, (virtual).

2020 Invited Speaker. "Leveraging the Alignment between Machine Learning and Intersectionality: Using Word Embeddings to Measure Intersectional Experiences of the Nineteenth Century U.S. South." • Queens College CUNY, November 18 • Linköping University Institute for Analytical Sociology, October 22 • Texas A&M Institute of Data Science, October 2 • University of Pennsylvania Sociology Colloquium, September 23

2020 Invited Discussant. Conference on Computational Sociology, Center for Computational Social Science, Stanford University, August 7.

2020 Invited Speaker. "The Radical Inductiveness of Machine Learning." • Copenhagen Center for Social Data Science, University of Copenhagen, September 25 • The Media Lab Colloquium, Sciences Po, Paris, March 3 • Computational Text Analysis Working Group and the Berkeley Institute for Data Science, University of California, Berkeley, February 26 • University of California, Davis DataLab, February 24

2020 Invited Panelist. "Pedagogies Of Resistance: Sharing Knowledge as a Political Act," Consortium for

Graduate Studies in Gender, Culture, Women, and Sexuality, August 27.

2020   Invited Speaker. "The Meaning of Action: Linking Goals, Tactics, and Strategies in the Environmental Movement," Center for the Study of Law and Society Colloquium, University of California, Berkeley, February 28.

2020   Invited Speaker. "Taking the Time: The Gendered Burden of Providing Effective Workplace Evaluations," University of California, Davis Sociology, February 25.

2020   Invited Participant. Social Science FOO, Facebook HQ, February 7.

2019   Keynote Speaker. NULab/Digital Scholarship Group Fall Welcome. Northeastern University, October 30.

2019   Keynote Speaker. NovelTM. Banff, Alberta, October 17.

2019   Invited Speaker. "Collecting, Analyzing, and Sharing Cultural Sociology," Section on the Sociology of Culture, American Sociological Association Annual Conference, August 11.

2019   Invited Advisor and Discussion Lead. "Word Vectors for Thoughtful Humanists Institute," Northeastern University, July 17-19.

2019   Invited Speaker. "THINK-PLAY-HACK .i||i. the new algorithmic analysis of culture, interaction, and experience," Taos, NM, July 1-5.

2019   Invited Speaker. "To Measure Meaning in Big Data Don't Give Me a Map," Summer Institute in Computational Social Science-Boston, June 27.

2018   Invited Speaker. "Finding Simple Patterns in Complex Data," TextXD, Berkeley Institute for Data Science, University of California, Berkeley, December 7.

2018   Invited Speaker. "Machine Learning is Feminist," All Boats Rise? Social Capital, Promise and Peril. A one-day, invitation only gathering of scholars, activists, and leaders, Amazon HQ, October 17.

2018   Invited Participant. Data Science Leadership Summit, Park City Utah, October 12-13.

2018   Invited Speaker. "Finding Simple Patterns in Complex Data," Symposium on Applied Text Analysis, Harvard University, May 3.

2018   Invited Speaker. "Reproducibility in the Social Sciences and Humanities," Oxford University, April 24.

2018   Invited Speaker. "Ideational and Socio-Structural Isomorphism: The Role of Network Properties in Turning Collective Ideas into Collective Practice" • Workshop in Computational Social Science, University of Chicago, February 22 • Workshop in History, Culture and Society, Harvard University, February 16

2018   Invited Speaker. "Statistical Impacts of OCR Errors," An Agenda for Historical and Multilingual OCR, Northeastern University, February 8.

2018   Invited Speaker. "Beyond Collections as Data: Answering Specific Historical Questions using Computational Methods," HathiTrust Research Center UnCamp, Berkeley, CA, January 25.

2018   Invited Speaker. "Computational Means, Qualitative Ends," Workshop on Applied Statistical Methods, Harvard University, January 24.

2017   Invited Speaker. "Computational Grounded Theory: A Tutorial," *Policy and Research Workshop: New Tools for Measuring Culture*. American Sociological Association Annual Conference, August 14.

2017   Invited Speaker. "Digital Technologies and the Future of Qualitative and Interpretive Analysis," *DH Fellows Talk*, University of California, Berkeley, March 17.

2016   Invited Speaker. "Computers, Cognition, and Machine Learning: Toward a Human-Centered (Big) Data-Driven History," Section on Comparative-Historical Sociology Invited Session. *Digitized (Big) Data and Comparative Historical Sociology*. American Sociological Association Annual Conference, August 22.

2016   Invited Speaker. "The Future of Coding," Computational Research Day, Northwestern University, April 19.

2016   Invited Speaker. "Measuring Collective Cognitive Structures via Collectively Produced Text," Text as Data Speakers Series, Center for Data Science, New York University, March 10.

2015   Invited Speaker. "Enduring Feminist Fields: The Persistence of Structure and Culture in New York City and Chicago" • The Culture Workshop at the University of Notre Dame, November 6 • Northwestern Department of Sociology Weekly Colloquia, October 22 • Wednesdays@NICO, Northwestern University, October 14 • Brown Bag Seminar Series, School of Information Studies, Syracuse University, September 23

CONFERENCE PRESENTATIONS (SELECTED)

2025   "Teaching for Agency and Self-Determination in a GenAI World," Generative AI Symposium – AI in Teaching and Learning, CTLT, University of British Columbia, February 3.

2024   "The Duality of Persons and Groups, and their (Status) Attributes: Turning Network Analysis 'Inside Out.'" American Sociological Association Annual Conference, August 11.

2023   "Beyond TechCrunch: Gender Variation in Startup Pitches in France and the U.S." American Sociological Association Annual Conference, August 21.

2023   "Does an Innovative Organization Produce Innovative Science? The Matthew Effect in NSF ADVANCE Publications" (presented by Steven Lauterwasser). American Sociological Association Annual Conference, August 17.

2023   "Moving Beyond Structure and Agency: How Opportunities are Realized in (a Community of) Practice" (presented by Jessica Gold). American Sociological Association Annual Conference, August 17.

2022   "Situated Knowledges and Partial Perspectives: Toward a Radical Objectivity in Comparative Historical Sociology." Engaging History: Legacies, Omissions, and New Directions in Comparative

Historical Sociology, Mini-Conference, ASA CHS Section, August 7.

2021 "And the Rest is History." • Panel on Reimagining Research Traditions: New Approaches to Method and Measurement, Social Science History Association Annual conference, Philadelphia, PA, November 11 • American Sociological Association Annual Conference, August 7.

2020 "From Theory to Practice and Back: Why is the Concept of Implicit Bias so Tractable?" American Sociological Association Annual Conference, August 2020 (virtual).

2020 (Canceled due to COVID) "Using Word Embedding Models to Measure Intersecting Experiences in the Post Civil War South." Panel on Reimagining Research Traditions: New Approaches to Method and Measurement, Social Science History Association Annual Conference.

2019 "High Dimensional History," panel on The Future of Comparative-Historical Social Science I: Scholarly Borderlands, Social Science History Association Annual Conference, Chicago, IL, November 21.

2019 "Exploring the Use of Machine Vision to Understand Neighborhood Inequality," (with Jeffrey Sternberg) • panel on New Approaches to Understanding Inequality, American Sociological Association Annual Conference, New York City, NY, August 11 • Preconference on Politics and Computational Social Science, Georgetown, August 30 (presented by Jeffrey Sternberg)

2018 "Finding Simple Patterns in Complex Data," Preconference on Politics and Computational Social Science, Northeastern University, August 29.

2017 "What Do Organizations Do? Strategic and Tactical Repertoires in the U.S. Environmental Movement, 1998-2014," Mobilization Conference on Social Movements and Protest: Nonviolent Strategies and the State. San Diego: May 5-6.

2016 "How we Talk about Organizations and the Discursive Configuration of an Organizational Field" (with Brayden King), European Group for Organizational Studies, Naples, Italy.

2015 "Gender and the Language of Crowdfunding" (with Andreea Gorbatai)
• West Coast Research Symposium on Technology Entrepreneurship, Foster School of Business, Seattle, WA • Annual Meeting of the Academy of Management, Vancouver, BC, Canada • American Sociological Association's Annual Conference, Chicago, IL • European Group for Organizational Studies, Athens, Greece

2015 Panel Discussant, "Big Data and Social Movements," with Chris Bail, Brayden King, and John MacArthur, organized by Edwin Amenta, American Sociological Association's Annual Conference, Chicago, IL.

2015 "Bohemia, Feminism, Socialism, and Class: The Geographical and Historical Determinants of Second-Wave Feminist Politics," Session on History and Social Movements, American Sociological Association's Annual Conference, Chicago, IL.

2015 "Computer-Assisted Text Analysis in Python: Applications for Organization Studies, "Content Analysis PDW. Annual Meeting of the Academy of Management, Vancouver, BC, Canada.

2015   "On Tactics and Targets: The Transformation of the U.S. Environmental Movement Between 1998 and 2014" (with Brayden King) • *Protesters and their Targets*, Collective Behavior and Social Movements Section Mini-Conference, Northwestern University, Chicago, IL • Computational Social Science Summit, Northwestern University, Evanston, IL

PROFESSIONAL ACTIVITIES AND SERVICE

Service to the University

Department Service

2023 - present	Chair, Sociology of Gender and Sexuality Research Cluster, Department of Sociology, University of British Columbia
2023 - 2024	Search Committee Member, Junior Hire in Computational Linguistics, Department of Linguistics, University of British Columbia
2022 - 2023	Search Committee Member, Junior Hire in the Sociology of Climate Change, Department of Sociology, University of British Columbia
2019 - 2020	Merit Committee, Department of Sociology and Anthropology, Northeastern University
2017 - 2019	Undergraduate Committee, Department of Sociology and Anthropology, Northeastern University

College Service

2022 - 2026	Director, Centre for Computational Social Science, University of British Columbia
2023-present	Member, Advisory Board, Public Humanities Hub, University of British Columbia
2023-present	Member, Grants and Awards Committee, Public Humanities Hub, University of British Columbia
2024 - 2025	Member, Digital Strategy Working Group; Co-lead, Tools, Infrastructure & Operations Sub-group, Faculty of Arts Strategic Plan, University of British Columbia
2018 - 2021	Coordinator, Digital Integration Teaching Initiative, Northeastern University
2018 - 2020	Feminist Coding Collective, NULab, Northeastern University
2018 - 2020	Committee Member, to construct a new Graduate Certificate in Computational Social Science, Northeastern University
2019	Search Committee Member, Cluster Hire in Urban Informatics, Quantitative Methods, and Network Science, Northeastern University

Service to the Discipline

Editorial Boards

2023 - present   Editorial Board, *Contexts*

2023 - present   Editorial Board, *Acta Sociologica*

2022 - present   Consulting Editor and Ad Hoc Deputy Editor, *American Journal of Sociology*

2022 - present   Editorial Board, *Poetics*

2021 - 2024   Associate Editor, *EPJ Data Science*

2019 - 2022   Editorial Board, *Sociological Methodology* (elected by the American Sociological Association)

2018 - 2021   Editorial Board, *Signs: Journal of Women in Culture and Society*

Scholarly Committees

2025   Member, Best Graduate Student Paper Award, American Sociological Association Section on Mathematical Sociology

2023 - 2025   Member, Council (elected), American Sociological Association Section on the Sociology of Culture

2023 - 2025   Member, Council (elected), American Sociological Association Section on Mathematical Sociology

2024   Chair, Clifford Geertz Prize for Best Article, American Sociological Association Section on the Sociology of Culture

2023   Member, Charles Tilly (Best Article) Award, American Sociological Association Section on Comparative and Historical Sociology

2021, 2022   Member, Nominations Committee, American Sociological Association Section on Mathematical Sociology

2021, 2022   Member, Best Dissertation-in-Progress Award, American Sociological Association Section on Mathematical Sociology

Conferences

2024   Section on Collective Behavior and Social Movement Section Session Co-Organizer. "Advances in Data and Methods for Collective Behavior/Social Movements Research," American Sociological Association, August 12

2024   Section on Mathematical Sociology Section Session Organizer. "Computational and Mathematical Approaches to Qualitative and Quantitative Data," American Sociological Association, August 11

2022   Program Committee Co-Chair, International Conference on Computational Social Science, University of Chicago, Chicago IL, July 19 - 22

2022   Section on Methodology Section Session organizer, "Methodological Challenges Presented by the

COVID-19 Pandemic," American Sociological Association, August 6

2021   Co-Convener (with Jan Goldenstein and Achim Oberg), Sub-theme 53: Organizations, Social Relations, and their Meanings: Exploring the Potentials of Natural-language and Image-processing Tools for Big Data Analyses, European Group for Organizational Studies (EGOS), July 8-10 (virtual)

2019   Program Committee Co-Chair, SocInfo 2019, Doha, Qatar, November 18-21

2018   Workshop Chair, International Conference on Computational Social Science, Northwestern University, July 12-14

2016   Co-Organizer, International Conference on Computational Social Science, Northwestern University, June 23-26, maintained social media presence @IC2S2

2015   Co-Organizer, Computational Social Science Summit, Northwestern University, May 15-17

2014   Co-Organizer, "Big cities, big data: Big opportunity for computational social science," ASA pre-conference Datathon, D-Lab, University of California, Berkeley, August 15-16

Workshops/Working Groups

2016-2017   Co-Organizer, TextXD, Berkeley Institute for Data Science, University of California, Berkeley

2016-2017   Co-Organizer, Computational Text Analysis Working Group, D-Lab, University of California, Berkeley

2015-2016   Workshop Leader, "Social Movements and Social Enterprise," Kellogg School of Management, Northwestern University

2014   Workshop Leader, "Social Science Research Methods and Data-Intensive Research," a D-Lab workshop, University of California, Berkeley

Advisory Boards

2019 - 2022   "Advancing Computational Grounded Theory for Audiovisual Data from STEM Classrooms." PIs: Stina Kirst, Elizabeth Dyer, Nigel Bosch, Cynthia D'Angelo, and Joshua Rosenberg). Granting Agency: National Science Foundation EHR Core Research (ECR)

2019 - 2022   "Subjectivity and bias in college admissions: Can letters of recommendation promote fairer decisions?" PI: Jesse Rothstein. Granting Agency: William T. Grant Foundation

Program Committees

SocInfo 2020 (senior PC) • ICWSM 2018-present (senior PC 2024) • IC^{2}S^2 2016-present • ACM TheWebConf 2018, 2019, 2024 • ICWS 2018

Peer-Reviewer (selected)

• *American Sociological Review* • *American Journal of Sociology* • *PNAS* (reviewer, guest editor) • *Science* • *Science Advances* • *Organization Science* • *Sociological Methods and Research* • *Mobilization* • *Sociological*

Methodology • Poetics • Gender & Society • Journal of Mathematical Sociology • Social Forces

ADVISING ACTIVITY

Supervision of Postdoctoral Fellows and Research Associates

2022 - present   Jessica Gold. Co-supervisor. "Innovation Networks: The Creation and Diffusion of Gender Equity Ideas in Universities."

2022 - 2024   Steven Lauterwasser. Supervisor. "Innovation Networks: The Creation and Diffusion of Gender Equity Ideas in Universities."

2019 - 2022   Alexander Gates. Co-supervisor. "Innovation Networks: The Creation and Diffusion of Gender Equity Ideas in Universities."

Supervision of Graduate Students

2022 - 2024   Jinyang Yu (University of British Columbia, Sociology). MA Thesis Committee Chair. *Shifting shadows: media attention and censorship of gay people in China (1949-2023).*

2018 - 2024   Rebekah Getman (Northeastern University, Sociology). Dissertation committee. *Uncertain Institutions: Policy, Risk, and Reward in Childbirth during COVID-19.*

2018 - 2023   Emilie Falguieres (Northeastern University, Sociology). Dissertation committee. *Untangling Processes in the Diffusion of Innovative Practices: SlutWalks, Gender Equity Strategies, and Covid 19 Vaccine*s.
Research advisor - supported through a grant.

2020 - 2022   Riley Tucker (Northeastern University, School of Criminology and Criminal Justice). Dissertation committee. *Who, What, When, Where: Using Twitter to Assess Characteristics and Criminogenic Dynamics of Ambient Populations.*

2020 - 2022   Syed Arefinul Haque (Northeastern University, Network Science). Dissertation Committee Chair. *Diversity and Gender Equity in Networks of Knowledge Production and Dissemination.*

2019 - 2021   Jeffrey Sternberg (Northeastern University, Sociology). Dissertation committee. *Labour (De)Territorialized: Digital Nomads, Gig-Living, and Accessing the City in the Age of the New Urban Crisis.*
Research advisor - supported through a grant.

2019 - 2021   Cara Marta Messina (Northeastern University, English). Dissertation committee. *The Critical Fan Toolkit: Fanfiction Genres, Ideologies, and Pedagogies.*

Supervision of Undergraduate Students

2024 - 2025   Grace Chen (University of British Columbia, Sociology). Honours Thesis supervisor.

2023 - 2024   Beth Patrick (University of British Columbia, Sociology). Honours Thesis supervisor: "Choices and ChatGPT: How Students' Perceptions of the Chatbot affect Academic Integrity and Student-Instructor Relationships."

2019 - 2022   Cameron Jamison (Northeastern University, Psychology and Communications).

2019   Brian Joseph (Northeastern University, Computer Science). Undergraduate research advisor.

External Examiner

2024   University of British Columbia, Okanagan, August 28
2024   Linköping University, May 13
2023   University of Copenhagen, July 14

Advising Activity and Comprehensive Exams

2024   Carly Hamdon (University of British Columbia, Sociology). Comprehensive exam reader: Sociology of Gender .

2023   Colter Uscola (University of British Columbia, Sociology). Comprehensive exam reader: Theory.

2023   Siqi (Rebecca) Qin (University of British Columbia, Sociology). Comprehensive exam chair: Sociology of Gender.

2021 - 2022   Miranda Melson (Northeastern University, Sociology). Research advisor - supported through a grant.

2021   Emilie Falguieres (Northeastern University, Sociology). Comprehensive exam reader: *Institutional Legacy, Social Media and the Diffusion of Social Movements* .

2021   Isabel Araceli Geisler (Northeastern University, Sociology). Comprehensive exam reader: *Feminist Progress and Cooptation: Lessons from the Movement Against Feminicidio*.

2019   Rebekah Getman (Northeastern University, Sociology). Comprehensive exam reader: *Across the Digital Aisle: Abortion, Polarization, and Social Movements in the Internet Age*. Research advisor - supported through multiple grants.

2018 - 2020   Naomi Darom (Northeastern University, Sociology). Comprehensive exam reader: *Sociology and the study of sexuality* (2020). Research advisor - supported through a grant.

2018 - 2019   Christopher Tirrell (Northeastern University, Sociology). Research advisor - supported through a grant.

2018 - 2019   Taylor Braswell (Northeastern University, Sociology). Comprehensive exam reader: *Extended Sacrifice Zones: Pipeline Proximity and Environmental Justice in the Age of Planetary Urbanization* (2019). Research advisor - supported through a grant.

2018   Elicia Cousins (Northeastern University, Sociology). Comprehensive exam reader: *Gender, Motherhood, and Feminism in Environmental Activism and Leadership*.

PROGRAMMING LANGUAGES/COMPUTER SKILLS

Python: • BeautifulSoup • Pandas • scikit-learn • scipy • numpy • NLTK • TextBlob • matplotlib • Networkx
R: • stm • topicmodels • tm • sna • igraph
Other: • bash • Git • Linux/UNIX • Zotero • Stata • SAS • Gephi
Find samples of my code on GitHub: https://github.com/lknelson

REFERENCES

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