

Laura K. Nelson

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UBC Sociology
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PROFESSIONAL APPOINTMENTS

- 2021 - present Assistant Professor of Sociology, University of British Columbia
• Director, Centre for Computational Social Science (2022 - 2025)
- 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

Articles

- 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. Edward Elgar Publishing.

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.** 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.”

Gates, Alexander, Jessica Gold, **Laura K. Nelson**, and Kathrin Zippel. “Translating Interdisciplinary Knowledge for Gender Equity: Quantifying the Impact of NSF ADVANCE.”

Gold, Jessica, Allison Deese, **Laura K. Nelson**, and Kathrin Zippel. “Gender Equity During Disruptive Events: Communities of Practice in the NSF ADVANCE Network.”

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

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 (Unfunded) PI. Academic Data Science Alliance, “Integrating Digital Teaching: Introducing Computing Across the Curriculum to Higher Education,” with Julia Flanders and Sarah Connell (USD \$49,025)
- 2019 (Unfunded) PI. Academic Data Science Alliance, “Doing Digital Social Science (DoDiSS): An Open Access Online Journal for Computational Social Science Tutorials,” with Neal Caren and Alex Hanna (USD \$15,147)
- 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)
- 2019 (Unfunded) Co-PI. Russell Sage Foundation, “Graphic-content Sharing in Our Digital Society,” with Devesh Tiwari. Our LOI was invited to submit a full proposal, which was not chosen to be funded.
- 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 Columbia. Summer 2022, Spring 2023, Fall 2023.
- [*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)

- 2023 "Word Embeddings for Social Science," University of British Columbia, 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

- 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 Speaker. Department of Sociology Colloquium, 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 (IDeS) 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)

- 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
- 2017 - 2019 Undergraduate Committee, Department of Sociology and Anthropology, Northeastern University

2019, 2020 Merit Committee, Department of Sociology and Anthropology, Northeastern University

College Service

2022 - 2025 Director, Centre for Computational Social Science, University of British Columbia

2024 - 2025 Member, Digital Strategy Working Group, Faculty of Arts Strategic Plan, 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

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

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
- 2024 Section on Mathematical Sociology Section Session Organizer. “Computational and Mathematical Approaches to Qualitative and Quantitative Data,” American Sociological Association, August
- 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 • IC²S² 2016-present • ACM TheWebConf 2018, 2019, 2024 • ICWS 2018

Peer-Reviewer (selected)

• *American Sociological Review* • *American Journal of Sociology* • *PNAS* (reviewer, guest editor) • *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

2022 - present Steven Lauterwasser. Supervisor. “Innovation Networks: The Creation and Diffusion of Gender Equity Ideas in Universities.”

2022 - present Jessica Gold. Co-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 - present Jinyang Yu (University of British Columbia, Sociology). MA Thesis Committee Chair.

2018 - present Rebekah Getman (Northeastern University, Sociology). Dissertation committee. *Uncertain Institutions: Policy, Risk, and Reward in Childbirth during COVID-19*.
Comprehensive exam reader: *Across the Digital Aisle: Abortion, Polarization, and Social Movements in the Internet Age* (November 14, 2019).
Research advisor - supported through multiple grants.

2018 - present Emilie Falguieres (Northeastern University, Sociology). Dissertation committee.
Comprehensive exam reader: *Institutional Legacy, Social Media and the Diffusion of Social*

- Movements* (April 28, 2021).
 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* (defended August 10, 2022).
- 2020 - 2022 Syed Arefinul Haque (Northeastern University, Network Science). Dissertation Committee Chair. *Diversity and Gender Equity in Networks of Knowledge Production and Dissemination* (defended July 14, 2022).
- 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* (defended April 12, 2021).
 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* (defended March 25, 2021).

Supervision of Undergraduate Students

- 2023 - present Beth Patrick (University of British Columbia, Sociology). Honours Thesis supervisor.
- 2019 - 2022 Cameron Jamison (Northeastern University, Psychology and Communications).
- 2019 Brian Joseph (Northeastern University, Computer Science). Undergraduate research advisor.

External Examiner

- 2024 Linköping University, May 13
- 2024 University of British Columbia, Okanagan, date TBD
- 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 (May 1).
- 2023 Colter Uscola (University of British Columbia, Sociology). Comprehensive exam reader: Theory (October 2).
- 2023 Siqi (Rebecca) Qin (University of British Columbia, Sociology). Comprehensive exam chair: Sociology of Gender (January 19).
- 2021 - 2022 Miranda Melson (Northeastern University, Sociology). Research advisor - supported through a grant.
- 2021 Isabel Araceli Geisler (Northeastern University, Sociology). Comprehensive exam reader: *Feminist Progress and Cooptation: Lessons from the Movement Against Femicidio* (March 2).
- 2018 - 2020 Naomi Darom (Northeastern University, Sociology). Comprehensive exam reader: *Sociology and the study of sexuality* (March 19, 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*

2018 *Urbanization* (November 12, 2019). Research advisor - supported through a grant.
Elicia Cousins (Northeastern University, Sociology). Comprehensive exam reader: *Gender, Motherhood, and Feminism in Environmental Activism and Leadership* (December 12).

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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