Aileen Nielsen

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ACADEMIC APPOINTMENTS

Harvard Law School   July 2023 - present
Visiting Assistant Professor of Law

Stanford Law School   May 2022
Visiting Scholar in Law and Economics

New York University School of Law, Information Law Institute   January 2022 - May 2023
Affiliate

ETH Zurich   August 2019 - present
Fellow in Law & Tech

EDUCATION

ETH Zurich, Center for Law and Economics, Ph.D. candidate   2019 - present
Degree anticipated 2024

Columbia University, M.S. Applied Physics, A.B.D.   2014

Yale Law School, J.D.   2011

University of Chicago, M.A. Comparative Human Development   2008

Princeton University, A.B. Anthropology, *magna cum laude*   2005

LAW REVIEW PUBLICATIONS

Aileen Nielsen, *Can AI, As Such, Invade Your Privacy? An Experimental Study of the Social Element of Surveillance*, Indiana L. J. (forthcoming, 2025).

Yafit Lev-Aretz and Aileen Nielsen, *Privacy Notice and the Blame Game*, Virginia J. L. & Tech. (forthcoming, 2025).

Aileen Nielsen, *Too Accurate A.I.,* Michigan State L. Rev. (forthcoming, 2024).

Aileen Nielsen, *Whose Data, Whose Value? Simple Exercises in Data and Modeling Valuation with Implications for Tech Law and Policy,* 99 N.Y.U. L. Rev. Online (2024).

Aileen Nielsen, *Taboo and Technology: Experimental Studies of Data Protection Reform, 26* N.Y.U. J. Legis. & Pub. Pol'y 349 (2024).

Aileen Nielsen, *The Rights and Wrongs of Folk Beliefs About Speech: Implications for Content Moderation,* 27 UCLA J.L. & Tech. 118 (2022).

PEER REVIEW PUBLICATIONS

Aileen Nielsen, *Can cities shape future tech regulation?* 1 Nature Cities 10 (2024)

Aileen Nielsen, Stavroula Skylaki, Milda Norkute & Alexander Stremitzer, Effects of XAI on Legal Process (ICAIL '23: Proceedings of the Nineteenth International Conference on Artificial Intelligence and Law, 2023).

Aileen Nielsen, Measuring Lay Reactions to Personal Data Markets (AIES '21: Proceedings of the AAAI/ACM Conference on AI, Ethics, and Society, 2021).

Kevin Tobia, Aileen Nielsen & Alexander Stremitzer, *When Does Physician Use of AI Increase Liability?,* 62 J. Nuclear Med. 17-21 (2021).

BOOKS

Aileen Nielsen, Practical Fairness: Building Fair and Secure Data Models (O'Reilly Media, 2020).

Aileen Nielsen, Practice Time Series Analysis: Prediction with Statistics and Machine Learning (O'Reilly Media, 2019).

REPORTS AND BOOK CHAPTERS

AILEEN NIELSEN, *Fairness and Privacy*, *in* RELIABLE MACHINE LEARNING, (O'Reilly Media, 2022).

AILEEN NIELSEN, TECH HAS AN ATTENTION PROBLEM, (UC Berkeley Center for Long-Term Cybersecurity white paper series, 2021).

CURRENT PROJECTS

1. *Building a Better Lawyer: An Experimental Study of the Effects of AI on Legal Work Quality*
   (with Alexander Stremitzer, Laura Skylaki, and Milda Norkute)
2. *Compliance Effort: The Timing and Content of Open Source Responses to Privacy Law Innovation*
   (with Karel Kubicek and Elias Datler)
3. *An Empirical Assessment of Ageism in Tech and Tech Policy*
   (with Arna Woemmel)
4. *Secure and Private Social Science Research with Applications to Empirical Legal Studies*
   (with Sarah Scheffler)
5. *Privacy as Public Health*
   (with Yafit Lev-Aretz)
6. *Privacy Cliffs*
   (with Carmel Shachar)

SELECTED PRESENTATIONS

2024: Harvard Law and Economics Workshop, ACM Symposium on Law and Computer Science, Security and Human Behavior Conference (Harvard), Indiana Law Journal Symposium: Law and Technology at the Crossroads, Program on Economics of Privacy Research Roundtable (GMU), Law and Technology Workshop,

2023: Michigan Law and Economics Seminar, Conference on Empirical Legal Studies (CELS) (UChicago), American Law and Economics Association (ALEA) Annual Meeting (BU), Conference on Law and Data Science (Fordham), Cornell Digital Life Initiative (DLI), Consumer Law Scholars' Conference (Berkeley), Workshop on Empirical Methods in Intellectual Property (WEMIP) (Duke), Workshop on Large Language Models (NYU), Harvard FinTech-JOLT Seminar on Regulatory Challenges for Privacy and AI

2022: American Law and Economics Association (ALEA) Annual Meeting, Experimental Methods in Legal Scholarship Conference (EMLS), UCLA School of Law ITLP-JOLT Symposium, Commission nationale de l'informatique et des libertés (CNIL, France) Privacy Day, Seton Hall University Conference on Antitrust and Big Tech, Mapping Law, Business & Behavior Online (MLBBO): An Empirical Perspective (NYU)

2021: American Law and Economics Association (ALEA) Annual Meeting, UC Berkeley Center for Long-Term Cybersecurity Workshop on Approaches to Data Protection Law, Georgetown University Law Center Workshop on Law and Economics, George Mason Law School Seminar on Law and Economics, AAAI/ACM Conference on AI, Ethics, and Society (poster), Law and Society Annual Meeting, Privacy Law Scholars Conference (PLSC), KDD Workshop on Understanding Public Perception for Applied Data Science, European Association for Law and Economics (EALE) Annual Meeting

2020: European Association for Law and Economics (EALE) Annual Meeting, Privacy Law Scholars Conference (PLSC), Thirty-seventh International Conference on Machine Learning (ICML), Workshop on Economics of Privacy and Data Labor, Internet Law Works in Progress, DIMACS Workshop on Co-Development of Computing and Law (poster), Berkeley Center for Long-Term Cybersecurity, Research Symposium on "Data rights, shared value, and re-defining 'privacy' and 'security'

LEGAL TEACHING EXPERIENCE

1. **Torts**, Harvard Law School (Spring 2024, Spring 2025)
   4 credits

2. **Privacy Law**, Harvard Law School (Fall 2023, Fall 2024)
   4 credits

3. **Law and AI**, Harvard Law School (Fall 2024, Fall 2025)
   1 credit writing group

4. **Information Economics, with Legal Application**, Harvard Law School (Spring 2025)
   1 credit reading group

5. **Law and Technology**, ETH Zurich
   3 credits
   Co-instructor with Prof. Alexander Stremitzer (Fall 2022, Fall 2021, Fall 2020, Fall 2019)

6. **Supervised Research in Law and Technology**, ETH Zurich
   2 credits
   Co-instructor with Prof. Alexander Stremitzer (Spring 2023, Spring 2022, Spring 2021)

7. **Fairness and Algorithms**, ETH Zurich
   2 credits
   Co-instructor with Prof. Alexander Stremitzer (Spring 2023, Fall 2021)

8. **Multi-disciplinary Approaches to Authentication and Security**, ETH Zurich
   2 credits
   Co-instructor with Prof. Alexander Stremitzer (Fall 2020)

9. **Contracts**, Yale Law School
   Coker Teaching Fellow for Prof. Richard Brooks (Fall 2010)

ADDITIONAL LEGAL EXPERIENCE

Volunteer Attorney, New York Clemency Project, 2019 - 2021
Volunteer Attorney, Federal Clemency Project, 2015 - 2016
Summer Associate, Cleary, Gottlieb, Steen, and Hamilton, (NYC and Paris), Summer 2010, 2011
Summer Law Clerk, Federal Reserve Bank of New York, Summer 2009

OTHER EXPERIENCE

Skillman Analytics LLC, 2017 - 2023
Hillary Clinton Presidential Campaign, Fall 2016
One Drop Mobile Health, 2015 - 2017
Loqly Home Services, 2014 - 2015

PROFESSIONAL MEMBERSHIP AND ASSOCIATIONS

New York Bar, 2012 - Present
NYC Bar Association, 2014 - 2021
American Law & Economics Association, 2019 - present

PROFESSIONAL SERVICE

Legal service
- Chair, NYC Bar Association Science and Law Committee, 2017 - 2020
  Member, Science and Law Committee, 2014 - 2017
- Volunteer Attorney, Federal Clemency Project, 2015 - 2016
  Reviewed four cases; secured a grant of clemency for one client

Technical service
- Journal submissions: Nature Communications, PLOS ONE, Journal of the Association for Information Science and Technology, Journal of Law and the Biosciences, NeurIPS SoLaR workshop
- Conference Committees: 2nd Annual ETH/Reg Horizon AI Policy Conference, MLLD 2021: Second International Workshop on Mining and Learning in the Legal Domain, SciPy program committee (2016 - 2021)
- Technical reviewer: *Hands on Differential Privacy* (2023), *Machine Learning for High Risk Applications* (2023)
- Pro bono data consulting: International Animal Rescue Indonesia, 2016 - present