

# Clay Davis

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## Education

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| expected<br>June 2026 | <b>Ph.D. in Sociology</b> , Northwestern University; Evanston, IL <ul style="list-style-type: none"> <li>• Dissertation title: "P-value politics: How meta-analysis is used to resolve conflict in hospitals, global health NGOs, and US courts"</li> <li>• Committee: Steven Epstein (<i>chair</i>), Wendy Espeland, Carol Heimer</li> </ul> |
| 2022                  | <b>M.A. in Sociology</b> , Northwestern University; Evanston, IL  |
| 2018                  | <b>B.S. in Biology and Society</b> , Cornell University; Ithaca, New York <ul style="list-style-type: none"> <li>• Honors thesis committee: Michael Lynch (<i>chair</i>), Christopher Roebuck, Suman Seth</li> <li>• <i>cum laude</i> with distinction in research</li> </ul>   |

## Peer-reviewed Publications

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| In press | <b>Davis, Clay.</b> "The moral force of guidelines: How surgeons use evidence-based medicine to curb their interventionism." <i>Sociology of Health &amp; Illness</i> .   |
| 2023     | <b>Davis, Clay.</b> "The routinization of lay expertise: A diachronic account of the invention and stabilization of an open-source artificial pancreas." <i>Social Studies of Science</i> . 54, 4: 626–652. <ul style="list-style-type: none"> <li>• <i>Winner of the ASA Section on Knowledge and Technology Hacker-Mullins Graduate Student Paper Award</i></li> <li>• <i>Winner of the Robert F. Winch Award for Outstanding Graduate Student Published Paper</i></li> </ul> |
| 2022     | Heimer, Carol, and <b>Clay Davis</b> . "Good law to fight bad bugs: Legal responses to epidemics." <i>Annual Review of Law and Social Science</i> . 18: 1–26.   |
| 2020     | <b>Davis, Clay.</b> " <i>Homo adhaerens</i> : Risk and adherence in biomedical HIV prevention research." <i>Social Studies of Science</i> . 50, 6: 860–880.   |

## Book Chapters

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| Forthcoming | <b>Davis, Clay.</b> "The knowledge politics of evidence-based global health: knowledge brokers, meta-analysis, and 'mass deworming' beyond the World Health Organization." In <i>Handbook on Knowledge Politics</i> , edited by Daniel Barben, Anja Bauer, and Erik Aarden. Edward Elgar. |
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## Manuscripts in Progress

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| Avail. upon request | <b>Davis, Clay</b> and Christine Percheski.* "Unequal access to HIV PrEP in rural U.S. counties: Introducing and validating a new version of PrEP-to-need ratio (PnR) that better captures regions with sparse data." Target journal: <i>SSM - Population Health</i> . |
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## Essays

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| 2020 | <b>Davis, Clay.</b> "Beyond investment in research: What COVID-19 policymakers can learn from the HIV/AIDS epidemic." <i>NULR Of Note</i> . |
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\*Equal co-authors

## Invited Talks

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2025	“Experts in exile: How populist mistrust empowers ‘knowledge brokers’ at the margins of health governance” <i>Science Knowledge and Technology Workshop, Columbia University Department of Sociology</i>	New York, New York
2024	“The routinization of lay expertise: A diachronic account of the invention and stabilization of an open-source artificial pancreas” <i>Experiential knowledge in the making: Lessons and perspectives from the DIY-AIDS movement</i> <i>Department of Philosophy, Université de Montréal</i>	Montréal, Québec; Canada
2024	“The life cycles of health social movements: How a group of patients with type 1 diabetes routinized their lay expertise” <i>Colloquium, Northwestern University Department of Sociology</i>	Evanston, Illinois

## Conference Presentations

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exp. 2025	Discussant for “Lay Expertise: Empirical Studies of Lay Social Knowledge” workshop at Copenhagen Business School	Copenhagen, Denmark
2025	“Too close for credibility: how the epistemology of meta-analysis challenges US federal courts” <i>Society for Social Studies of Science Annual Meeting</i>	Seattle, Washington
2025	“Knowledge brokers in the gaps of deglobalization: The P-value politics of global health beyond the World Health Organization” <i>Annual Meeting of the American Sociological Association</i>	Chicago, Illinois
2025	“Platinum standard or partisan ploy? A mixed-methods study of how actors in the US federal district courts construct, codify, and contest the epistemic authority of meta-analysis” <i>Law and Society Association Annual Meeting</i>	Chicago, Illinois
2024	“Evidence-based medicine as a moral and organizational tool for surgeons” <i>Annual Meeting of the American Sociological Association</i>	Montréal, Québec; Canada
2023	“Meta-analysis as a tool for the global circulation of uncertainty and expertise” <i>Society for Social Studies of Science Annual Meeting</i>	Honolulu, Hawaii
2023	“Unequal access to PrEP in rural U.S. counties: Focus on health infrastructure and population characteristics” <i>Interdisciplinary Association for Population Health Science Conference</i>	Baltimore, Maryland
2022	“Making expertise legitimate: ‘Biohackers’ as a morally ambiguous case for analyzing battles over expert authority” <i>Society for Social Studies of Science Annual Meeting</i>	Cholula, Puebla; Mexico
2020	“Lay expertise in ‘knowledge commons’: How the open-source artificial pancreas community innovates ‘outside of’ IP law and regulation” <i>Law and Society Association Annual Meeting</i>	Chicago, Illinois
2020	“Patient-led research: Is the open-source artificial pancreas project a new paradigm?” <i>Comparative and Historical Social Science Workshop</i>	Evanston, Illinois

2020	“Solving the problem of regulatory stagnation: the open-source artificial pancreas as a model for patient-led innovation” <i>Problem Solving Sociology Workshop</i>	Evanston, Illinois
2019	“Participant subjectivity, adherence, and risk in biomedical HIV prevention research” <i>Society for Social Studies of Science Annual Meeting</i>	New Orleans, Louisiana

## Grants & Fellowships

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2025	Dissertation Fellowship <i>Buffett Institute for Global Affairs, Northwestern University</i>	
2023	Doctoral Dissertation Research Improvement Grant <i>National Science Foundation</i>	\$25,000
2023	Anonymous Midwest University Bioethics Institute (with Wayne Rivera)	\$10,000
2020	Graduate Fellowship in Legal Studies <i>Center for Legal Studies, Northwestern University</i>	
2020	MacArthur Summer Research Grant <i>Department of Sociology, Northwestern University</i>	\$1,000
2020	Second-year Paper Alumni Fund Grant <i>Department of Sociology, Northwestern University</i>	\$400
2019	Mellon Cluster Fellowship in Science Studies <i>Science in Human Culture Program, Northwestern University</i>	\$2,500
2017	Emily Murray Student Fellowship Award <i>The Hastings Center</i>	\$375

## Awards

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2025	Outstanding Graduate Student Teacher Award <i>Weinberg College of Arts and Science, Northwestern University</i>	
2024	Hacker-Mullins Graduate Student Paper Award <i>Section on Knowledge and Technology, American Sociological Association</i>	
2024	Robert F. Winch Award for Outstanding Graduate Student Instructor <i>Department of Sociology, Northwestern University</i>	
2024	Robert F. Winch Award for Outstanding Graduate Student Published Paper <i>Department of Sociology, Northwestern University</i>	
2023	Robert F. Winch Award for Outstanding Teaching Assistant <i>Department of Sociology, Northwestern University</i>	

## Teaching Experience

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W '23, S '25	Science in Crisis? <i>Instructor of record</i>	5.93/6 (n=17)	* Northwestern University
F '21, W '22, F '22, W '25	Sociological Theory <i>Co-instructor with Wendy Espeland</i>	5.72/6 (n=58)	Northwestern University

F '24	Health, Biomedicine, Culture & Society <i>Teaching assistant for Santiago Molina</i>	5.60/6 (n=26)	Northwestern University
S '21	Medical Sociology <i>Teaching assistant for Carol Heimer</i>	5.79/6 (n=13)	Northwestern University
W '21	Sexuality, Technoscience, and the Law <i>Teaching assistant for Renee Shelby</i>		Northwestern University
F '20	Numbers, Identity, and Modernity <i>Co-instructor with Wendy Espeland</i>	5.62/6 (n=28)	Northwestern University

\*Each depicted score represents an aggregate of responses across evaluation questions and terms. A comprehensive record of my teaching evaluations, including qualitative feedback, is available on [my website](#).

## Professional Service

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—	Peer reviewer for <i>Social Studies of Science</i> and <i>American Sociological Review</i>
2023–present	Chronic Illness Alliance (Northwestern University Undergraduate Student Organization) <i>Advisor</i>
2020–2021	Doctoral Colloquium, Science in Human Culture Program <i>Coordinator</i>
2020–2021	Graduates Mentoring Undergraduates <i>Graduate Mentor</i>
2020–2021	Graduate Student Association <i>Fellowships and Grants Volunteer</i>

## References

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Steven Epstein	<a href="mailto:s-epstein@northwestern.edu">s-epstein@northwestern.edu</a>
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Ken Alder	<a href="mailto:k-alder@northwestern.edu">k-alder@northwestern.edu</a>
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Michael Lynch	<a href="mailto:mel27@cornell.edu">mel27@cornell.edu</a>
<i>Professor of Science &amp; Technology Studies Emeritus, Cornell University</i>	