

Andrew C. Herman

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Links: [Website](#) • [ORCID](#) • [Google Scholar](#) • [LinkedIn](#)

Science and technology • Sociology of knowledge • Economic sociology
Political sociology • Computational social science • Comparative/Historical sociology

Work History

Assistant Professor (2024-Present)

University of Copenhagen
Department of Sociology

Postdoctoral Researcher (2022-2024)

University of Copenhagen
Department of Sociology

Editorial Work

Book Review Editor (2025-Present)

Acta Sociologica

Education

Ph.D. Sociology (2022)

University of California—Los Angeles

M.A. Sociology (2015)

University of California—Los Angeles

M.A. Social Sciences (2012)

University of Chicago

B.A. Sociology & Philosophy (2011)

University of British Columbia

Publications

My contributions for each collaborative work are marked as follows (inspired by the [CRediT taxonomy](#)):

^E Equal contributions; ^{RM} Major contributions to the *research design*; ^{Rm} Minor contributions to the *research design*; ^{FM} Major contributions to the *framing* of the manuscript; ^{Fm} Minor contributions to the *framing* of the manuscript; ^{WM} Major contributions to the *writing* of the manuscript; ^{Wm} Minor contributions to the *writing* of the manuscript

Gomez, C. J., Herman, A. C., & Parigi, P. (2022). Rising global inequality in the acknowledgement of scientific research. *Nature Human Behavior*, 6: 919–929. <https://doi.org/10.1038/s41562-022-01351-5>
RM,FM,WM

Received [media coverage](#) in *National Academy of Sciences of the United States*, *Times Higher Education*, *Nature Asia*, *American Physical Society*, *Physics World* and more.

Cited by [policy document](#) from the *Australian Academy of Science*

Herman, A. C. (2022). Dynamic status signaling: How foodies signal cosmopolitanism on Yelp. *Poetics*, 90, 101592. <https://doi.org/10.1016/j.poetic.2021.101592>

Gomez, C. J., Herman, A. C., & Parigi, P. (2020). Moving more, but closer: Mapping the growing regionalization of global scientific mobility using ORCID. *Journal of Informetrics*, 14(3), 101044.

<https://doi.org/10.1016/j.joi.2020.101044>
Rm,FM,WM

Herman, A. C. (2020). Fascists at the fair: Political resistance at the 1933–1934 Chicago World’s Fair. *Journal of Historical Sociology*, 33(2), 198–215. <https://doi.org/10.1111/johs.12269>

VanWynsberghe, R., & Herman, A. C. (2016). *Adaptive education: An inquiry-based institution*. University of Toronto Press. <https://www.jstor.org/stable/10.3138/j.ctvg253cj>
E

VanWynsberghe, R., & Herman, A. C. (2015). Education for social change and pragmatist theory: five features of educative environments designed for social change. *International Journal of Lifelong Education*, 34(3), 268–283. <https://doi.org/10.1080/02601370.2014.988189>
Rm,FM,Wm

Articles in progress

These papers are not quite published. They are either under review already or will be in the very near future. I have noted the venues where a given work has been presented in the recent past. My contributions for each collaborative work are marked as indicated above.

Herman, A. C., Andersen, J. P., & Nielsen, M. W. (Expected manuscript completion mid-2025). “Editorial gatekeeping up and down the journal hierarchy.” Targeted journals: *American Sociological Review*, *American Journal of Sociology*, *Social Forces*
RM,FM,WM

Presented in 2023 at the *Atlanta Conference for Science and Innovation Policy* in Atlanta (USA)

Presented in 2023 at the *Conference of the International Network for Social Network Analysis* in Portland (USA)

Presented in 2023 at the *International Conference on Science, Technology and Innovation Indicators* in Leiden (ND)

Presented in 2024 at the *International Network of Analytical Sociology* in Leipzig (DE)

Herman, A. C. (Under Review). “Holding discursive power to a counterfactual standard: Road navigation in the United States and France during the technology transition to automobiles.” Targeted journals: *Social Forces*, *Sociological Science*, *Theory & Society*, *Sociological Theory*. <https://osf.io/preprints/socarxiv/5fmzn>.

Herman, A. C., Hofstra, B., Andersen, J. P., & Nielsen, M. W. (Under Review). “The geographical diversity of the scientific elite is decreasing, even as the overall scientific workforce has diversified.” Targeted journals: *Proceedings of the National Academy of Sciences*, *Science Advances*, *Research Policy*.
https://osf.io/preprints/osf/pwvn6_v1
RM,FM,WM

Herman, A. C. (Under Review). “Reconstructing bibliometric methods for studying mobility.” Targeted journals: *Research Policy*, *Quantitative Studies of Science*, *Journal of Informetrics*.
https://osf.io/preprints/osf/cn37f_v1

Presented in 2024 at the *International Conference on Science, Technology and Innovation Indicators* in Berlin (DE)

Herman, A. C., Andersen, J. P., & Nielsen, M. W. (Under Review). “Brain drain outweighs brain circulation between the Global North and South” Targeted journals: *Science Advances*, *Nature Human Behavior*, *PNAS*.
https://osf.io/preprints/osf/a7fcm_v1

Langa, M. F., & Herman, A. C. (Manuscript to be completed mid-2025). “The moral affordances of state intervention: How morality matters for shaping styles of social problem solving.” Targeted journals: *Sociological Theory*, *Theory and Society*, *Theory and Social Inquiry*.

Submitted for presentation at the 2025 Annual Meeting of the American Sociological Association

Books in progress

How governments affect innovation: Tracing the consequences of de-funding smart highways in the 1960s
(Expected manuscript completion late 2024; Targeted press: MIT Press)

This book uses the fascinating history of mid-20th C smart highway technology to address its titular question. American companies—from the Radio Corporation of America to General Motors and Philco-Ford—alongside the federal government’s Bureau of Public Roads had spent the 1950s and 1960s developing smart highway technology that today’s readers would recognize as being eerily similar to self-driving cars and GPS navigation. In 1972 the federal government withdrew all the funding for these projects in a surprise decision. Part of the project is a historical account of this set of technologies that never were.

But the unanticipated decision to withdraw funding makes it possible to provide a rigorous social scientific analysis of how governments affect innovation. How were nearby technologies, industries, and workers affected by the overnight disappearance of an entire area of research? I chase down answers to these topics in a unique mixed methods analysis that combines historical narrative, local comparisons, and computational social science, leveraging government and corporate archival records, industry publications and trade journals, and worldwide patent records along the way.

Grants

“Global North-South Disparities in Science”

Co-PI with Mathias Wullum Nielsen (University of Copenhagen)

Sapere Aude, *Independent Research Fund Denmark*

2024-2027

Courses Taught

- Introduction to Sociology
- Introduction to Computational Social Science
- Development of Sociological Theory
- Contemporary Sociological Theory
- Medical Sociology
- Comparative and Historical Research Methods
- Statistics
- Applied case analysis
- Sociological innovation
- Social Networks
- Environmental Sociology
- Sociology of Mass Communication
- Sociology of Violence
- Economy and Society
- Social Change
- Introduction to Sociological Research Methods
- American Society
- Survey methodology

Guest Lectures

- Advanced Knowledge, Organization and Politics
- Mining Text for Meaning
- Computational Hermeneutics
- Social capital in Danish society
- Regression discontinuity designs

Languages

English (native); French (fluent reading, out of practice with speaking); Spanish (intermediate); Danish (intermediate); German (advanced beginner); Swedish (advanced beginner)