Galen Hall

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Education

University of Michigan, Ann Arbor 2023–present
Ph.D. in Physics and Sociology (Joint), in progress. GPA: 4.0.
Advisors: Elizabeth Bruch and Mark Newman.

Brown University 2016–2020
Sc.B. in Physics (Honors). GPA: 3.93.
Magna Cum Laude; Phi Beta Kappa; nominated for Sigma Xi.

Oxford University 2018–2019
Visiting student in Physics and Philosophy. GPA: 4.0 converted.

Published and Accepted Papers

M. S. Mizruchi and **Galen Hall**. (2026). The American Corporate Elite in the Twenty-First Century: Cohesive or Fragmented? *In María Luisa Méndez, Mike Savage, and Annette Lareau (eds.), The Oxford Handbook of the Sociology of Global Elites, pp. 636-653. Oxford University Press. Published online April 3, 2026.* https://doi.org/10.1093/9780197780343.003.0041

A. Chawla, **Galen Hall**, and J. Lovato. (2026). MetaOthello: A Controlled Study of Multiple World Models in Transformers. *Accepted to the 43rd International Conference on Machine Learning (ICML 2026).* https://arxiv.org/abs/2602.23164

Galen Hall, L. Loy, R. J. Brulle, K. Schell-Smith, M.-M. Hu, and S. Trollback. (2024). Where Ideology Meets Private Interest: The Three-part Composition of Climate Obstruction in the United States. *Environmental Research Communications, 6(8), 081003.* https://doi.org/10.1088/2515-7620/ad61c6

Galen Hall, T. Culhane, and J. T. Roberts. (2024). Climate Coalitions and Anti-coalitions: Lobbying across State Legislatures in the United States. *Energy Research & Social Science, 113, 103562.* https://doi.org/10.1016/j.erss.2024.103562

Galen Hall, J. A. Basseches, R. Bromley-Trujillo, and T. Culhane. (2024). CHORUS: A New Dataset of State Interest Group Policy Positions in the United States. *State Politics & Policy Quarterly, 24(3), 322-347.* https://doi.org/10.1017/spq.2024.6

J. A. Basseches, R. Bromley-Trujillo, M. T. Boykoff, T. Culhane, **Galen Hall**, N. Healy, D. J. Hess, D. Hsu, R. M. Krause, H. Prechel, J. T. Roberts, and J. C. Stephens. (2022). Climate Policy Conflict in the U.S. States: A Critical Review and Way Forward. *Climatic Change, 170, 32.* https://doi.org/10.1007/s10584-022-03319-w

T. Culhane, **Galen Hall**, and J. T. Roberts. (2021). Who Delays Climate Action? Interest Groups and Coalitions in State Legislative Struggles in the United States. *Energy Research & Social Science, 79, 102114.* https://doi.org/10.1016/j.erss.2021.102114

R. J. Brulle, **Galen Hall**, L. Loy, and K. Schell-Smith. (2021). Obstructing Action: Foundation Funding and US Climate Change Counter-Movement Organizations. *Climatic Change, 166, 17.* https://doi.org/10.1007/s10584-021-03117-w

K. Dooley, C. Holz, S. Kartha, S. Klinsky, J. T. Roberts, H. Shue, H. Winkler, T. Athanasiou, S. Caney, E. Cripps, N. K. Dubash, **Galen Hall**, P. G. Harris, B. Lahn, D. Moellendorf, B. Müller, A. Sagar, and P. Singer. (2021). Ethical Choices Behind Quantifications of Fair Contributions Under the Paris Agreement. *Nature Climate Change, 11, 300-305.* https://doi.org/10.1038/s41558-021-01015-8

Under Review

A. Garlick, **Galen Hall**, and J. Strickland. Interest Groups in the American States: 1969-2024. *Under review, 2026.*

M. S. Mizruchi and **Galen Hall**. Centrality and Power in Social Networks. *Under review for the Handbook of Mathematical Sociology, edited by Elisa Jayne Bienenstock and Matthew Brashears, Edward Elgar Publishing.*

Working Papers

Galen Hall and M. Newman. Multilayer Community Contribution. *Working paper, 2025.*

Academic Talks and Presentations

Where Does Inferred Structure Come From? Attribution in Networks and Machine Learning.
SFI Informal Seminar, Santa Fe Institute, Santa Fe, NM, October 28, 2026. Host: Max Jerdee.

MetaOthello: A Controlled Study of Multiple World Models in Transformers.
Lightning talk, WM@Booth: Workshop on World Models, Chicago, IL, September 1, 2026. Listed under Aviral Chawla; presented by Galen Hall.

Machine Learning for Discovery: Uncovering Novel Preference Configurations in Online Dating.
American Sociological Association Annual Meeting, Decision-Making, Social Networks, and Society Section / Middle-Range Theorizing and Its Empirical Tests, New York, NY, August 8, 2026. With Jett Rosen and Elizabeth Bruch.

What Makes a Layer Important? Measuring Layer Contributions to Multilayer Community Structure.
Contributed talk, Statistical Inference for Network Models, NetSci 2026 Satellite Symposium, Boston, MA, June 2, 2026.

Climate Coalitions and Anti-coalitions: Lobbying in the U.S. States.
American Sociological Association Annual Meeting, Philadelphia, PA, August 2023.

Disentangling Politics and Policymaking: Interest Group Coalitions and Parties in the American States.
Southern Political Science Association Conference, St. Pete Beach, FL, January 2023.

Power in numbers: insights from new data on lobbying in the United States.
Complex Systems Advanced Academic Workshop Series, University of Michigan, Ann Arbor, MI, January 2023.

Unveiling Interest Group Preferences in the American States.
Consortium for American Political Economy Conference, Online, June 2022.

Unveiling Interest Group Preferences in the American States.
State Politics and Policy Quarterly Conference, Tallahassee, FL, May 2022.

Research Experience

Researcher (Full-time) March 2020–July 2023
Climate and Development Lab, Brown University.
Supervisor: J. Timmons Roberts.

Researcher (Part-time) July 2019–March 2020
Climate and Development Lab, Brown University.
Supervisor: J. Timmons Roberts.

Researcher (Part-time) June–September 2018
The Ethics of Geoengineering Project, Harvard University.
Supervisor: Lucas Stanczyk.

Researcher and Software Developer (Full-time) March 2017–March 2018
Brown Graphics Lab, Brown University.
Supervisor: Andy Van Dam.

Fellowships and Grants

NSF Graduate Research Fellowship. $147,000, 2023. Three years of graduate stipend and tuition support.

CSSN Research Grant. $26,000, 2021. PI: **Galen Hall**. With Joshua Basseches and Rebecca Bromley-Trujillo. Climate Social Science Network funding for state climate policy and interest group research.

Brown University SPRINT Award. $2,000, 2020. PI: Baylor Fox-Kemper. Support for summer research extending undergraduate thesis results.

Service

Admissions Committee Member. Department of Sociology, University of Michigan, 2025.

Coordinator, Economic Sociology Working Group. University of Michigan, 2024-2025.

Co-organizer, Climate Social Science Interdisciplinary Workshop. University of Michigan, 2024-2025. Supported by funding from Rackham Graduate School.

Public Writing

Galen Hall, Thomas Nicholas, and Colleen Schmidt. (2020, July 14). The faulty science, doomism, and flawed conclusions of Deep Adaptation. *openDemocracy*. Article.