

David Sebastian Broska

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Education

09/2021 - Present	Stanford University PhD Sociology, expected 2027 Dissertation: Generative AI for the Social Sciences Committee: Robb Willer, David Grusky, Jeremy Freese, Michelle Jackson
09/2019 - 08/2020	London School of Economics and Political Science (LSE) MSc Social Research Methods
09/2014 - 07/2019	Zeppelin University (ZU), Friedrichshafen BA Sociology, Politics & Economics

Honors and Fellowships

02/2025	Best Prediction Algorithm Award, Wisdom of the Crowds Project
09/2024	Best Poster Award, Digitalist Papers Symposium, Stanford University
05/2024	Centennial Teaching Assistant Award, Stanford University
05/2024 - 08/2024	Research Computing Graduate Fellowship, Stanford University
09/2023 - 06/2024	Human-Centered AI Graduate Fellowship, Stanford University
11/2020	Prize for the Best Overall Performance in MSc Research Methods, LSE

Peer-Reviewed Publications

2026	D. Broska , J. Kamphorst, and R. Willer. Americans Favor Predistributive Over Redistributive Economic Policies. Forthcoming at PNAS .
2025	D. Broska , M. Howes, and A. van Loon. The Mixed Subjects Design: Treating Generative Artificial Intelligence as Potentially Informative Observations. Sociological Methods & Research .
2024	D. McFarland, D. Broska , V. Prabhakaran, and D. Jurafsky. Coming into Relations: How Communication Reveals and Persuades Relational Decisions. Social Networks .

Working Papers

2026	D. Broska , L. Santos, and R. Willer. Belief in the American Dream Reduces Support for Welfare Programs. <i>Manuscript available upon request</i> .
2026	D. Broska , B. Park, A. Mack-Crane, D. McFarland, and B. Lee. Civility Is Necessary but Not Sufficient for Productive Conversations Online. <i>Manuscript available upon request</i> .
2026	M. Binz, ..., D. Broska , ... Post-training Makes Large Language Models Less Human-like. arXiv preprint .
2026	J. Hullman, D. Broska , H. Sun, and A. Shaw. This Human Study Did Not Involve Human Subjects: Validating LLM Simulations as Behavioral Evidence. arXiv preprint .

Selected Presentations

06/2026	Shaping the Future of AI-Enabled Surveys, University of Mannheim Paper presentation: Fine-tuning LLMs to Forecast Experimental Results
05/2026	Sociological Science Conference, Stanford University Paper presentation: The Mixed Subjects Design
05/2026	FDS Workshop: AI for Social Science Research Methods, Yale University Paper presentation: Fine-tuning LLMs to Forecast Experimental Results
02/2026	Symposium on Validating Generative AI, Northwestern University Paper presentation: The Mixed Subjects Design
01/2026	Nuffield College Sociology Seminar, University of Oxford Invited talk: AI for the Experimental Social Sciences
08/2025	Adaptive Rationality Seminar, Max Planck Institute Berlin Invited talk: AI for the Experimental Social Sciences
07/2025	Infer Mittelbau Seminar, Goethe University Paper presentation: Belief in the American Dream Reduces Support for Welfare Programs
04/2024	Generative AI for Sociology Workshop, Yale University Paper presentation: The Mixed Subjects Design
08/2023	American Sociological Association Annual Meeting, Philadelphia Paper presentation: Belief in the American Dream Reduces Support for Welfare Programs

Teaching

09/2023 - 12/2023	Economic Sociology (SOC 214), Stanford University Teaching Assistant; course on the sociological analysis of markets
04/2023 - 06/2023; 04/2025 - 06/2025	Regression for Discrete Outcomes (SOC 383), Stanford University Teaching Assistant; regression analysis for discrete dependent variables
02/2021 - 05/2021	Computational Social Science (243113), Zeppelin University Lecturer; computational text analysis
02/2021 - 05/2021	Empirical Research Design (10007), Zeppelin University Lecturer; empirical research design in the social sciences

Research Funding and Grants

03/2026	Stanford Institute for Human-Centered Artificial Intelligence (HAI), \$75,000 Leveraging Large Language Models to Predict Results of Social Science Field Experiments; PI: Robb Willer.
12/2025	King Center on Global Development, Stanford University, \$15,000 Leveraging Large Language Models to Predict Results of Global Development Field Experiments; PI: Robb Willer.
04/2024	HAI-Azure Cloud Credits Award, Stanford University, \$500 The Mixed Subjects Design. Treating Large Language Models as Potentially Informative Observations

Professional Experience

09/2020 - 08/2021	Zeppelin University, Friedrichshafen Research and Teaching Fellow; research methodology
03/2018 - 07/2018	EUROSTAT at European Commission, Luxembourg Trainee; programming and data engineering
09/2017 - 01/2019	Campusjäger Recruiting GmbH, Karlsruhe Working Student; data analysis in R and MySQL

Service

01/2022 - Present	Buddy Program, Stanford University Mentor to first-year PhD students
09/2022 - 08/2024	Association of Graduate Students, Stanford University Social Events Chair for Sociology graduate students
01/2016 - 06/2016	Buddy Initiative, Zeppelin University Mentor to first-year undergraduate students
09/2013 - 05/2014	Lycée des Métiers Sonnenberg de Carspach, Mulhouse Volunteer and language assistant in a French vocational school

Reviews

Journals	Political Analysis, Sociological Methods & Research, Network Science
Grant proposals	National Science Centre (NCN), Poland

Languages and Computer Programming

Languages	German, English, French
Programming	R, SQL, Git, Python