

Daniel Scott Smith

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Positions

- 2025– Assistant Professor of Sociology
Duke University
- 2022–2025 Postdoctoral Scholar in the Knowledge Creation Lab
Stanford University

Degrees

- 2022 PhD in Sociology (of Education)
MA in Sociology
Stanford University
- 2013 MA in Policy
Harvard University
- 2012 BA in English
Stanford University

Papers

- [dnlsmith.co/vita/16](#)
[code](#) 2025 How values and uncertainty shape scientific advance in peer review
American Sociological Review
Daniel Scott Smith, Neha Kennard, Tianyu Du, and Daniel A. McFarland
- [dnlsmith.co/vita/15](#) 2025 The university: exalted institution, ruined organization
Minerva: A Review of Learning, Science and Policy
David John Frank, Daniel Scott Smith, John W. Meyer
- [dnlsmith.co/vita/14](#)
[code](#) 2025 “You cannot sound like GPT”: Signs of language discrimination and resistance in computer science publishing
ACM Conference on Fairness, Accountability, and Transparency (FAccT) 2025
Haley Lepp and Daniel Scott Smith
→ [Best Paper FAccT 2025](#)
- [dnlsmith.co/vita/13](#)
[code](#) 2024 Systematic analysis of 32K AI model cards characterizes documentation practice in AI
Nature Machine Intelligence 6(10): 744-753.
Weixin Liang, Nazneen Rajani, Xinyu Yang, Ezinwanne Ozoani, Eric Wu, Yiqun Chen, Daniel Scott Smith and James Zou
- [dnlsmith.co/vita/12](#)
[code](#) 2024 Can large language models provide useful feedback on research papers?
New England Journal of Medicine Artificial Intelligence (NEJM AI) 1(8): 1-12.
Weixin Liang, Yuhui Zhang, Hancheng Cao, Binglu Wang, Daisy Yi Ding, Xinyu Yang, Kailas Vodrahalli, Siyu He, Daniel Scott Smith, Yian Yin, Daniel A. McFarland, and James Zou
- [dnlsmith.co/vita/11](#) 2024 World society, women authors, and the expansion of Feminist, Gender, Sex, and Sexuality (FGSS) research in Comparative Education, 1957–2010
Comparative Education Review 68(3): 443-468.
Patricia Bromley and Daniel Scott Smith

Papers (continued)

- [dssmith.co/vita/10](#) [data](#) [code](#) **2023** How new ideas diffuse in science
American Sociological Review 88(3): 522–561.
 Magie Cheng, Daniel Scott Smith, Xiang Ren, Hancheng Cao, Sanne Smith, Dan McFarland
- [dssmith.co/vita/09](#) [rep package](#) **2023** Visions of deliverance: Social scientization, functionalism, and the expansive purposiveness of education in nineteenth-century British Parliamentary politics
Social Science History, 47(4): 609–640.
 Daniel Scott Smith
- [dssmith.co/vita/08](#) [rep package](#) **2023** The making of the modern state: Social scientization and education legislation in the United Kingdom, 1800–1914
European Journal of Sociology, 64(3): 357–384.
 Daniel Scott Smith
- [dssmith.co/vita/07](#) [rep package](#) **2023** Causal matching with text embeddings: A case study in estimating the causal effects of peer review policies
Proceedings of the Association for Computational Linguistics (ACL) 2023
 Raymond Z. Zhang, Neha Nayak Kennard, Daniel Scott Smith, Daniel A. McFarland, Andrew C. McCallum, Katherine A. Keith
- [dssmith.co/vita/06](#) [rep package](#) **2022** Social scientization and the rise of the schooling state in UK parliamentary discourse, 1803–1909
Social Science History, 46(1): 223–254.
 Daniel Scott Smith
 → [Best Article by a Graduate Student \(Hon. Mention\), Social Science History Association](#)
- [dssmith.co/vita/05](#) **2022** Gendered knowledge in fields and academic careers
Research Policy, 51(1): 1–15
 Kim, Lanu, Daniel Scott Smith, Bas Hofstra, and Daniel A. McFarland
- [dssmith.co/vita/04](#) **2019** Creating the canon: The meaning and effects of textbooks and curricula
Education and Society (University of California Press, pp. 157–77)
 Patricia Bromley and Daniel Scott Smith
- [dssmith.co/vita/03](#) **2017** Social reproduction and sex in German primary schools
Compare: A Journal of Comparative and International Education, 47(2): 240–256
 Daniel Scott Smith, Heike Wendt, and Daniel Kasper
- [dssmith.co/vita/02](#) **2017** Germany
PIRLS 2016 Encyclopedia: Education Policy and Curriculum in Reading (Boston College)
 Heike Wendt, Anke Walzeburg, Wilfried Bos, Daniel Scott Smith, and Albert Bremerich-Vos
- [dssmith.co/vita/01](#) **2016** Germany
TIMSS 2015 Encyclopedia: Education Policy and Curriculum in Math & Science (Boston College)
 Heike Wendt, Daniel Scott Smith, and Wilfred Bos

Drafts

The epistemic origins of the nation-state
 Daniel Scott Smith

Why do editors desk reject papers?
 Ruishi Chen, Daniel Scott Smith, and Daniel A. McFarland

Drafts (*continued*)

Women, World Society, and the Expansion of Feminist, Gender, Sex, and Sexuality Research in Education, 1910–2010
Daniel Scott Smith and Patricia Bromley

The Making of Mr. Gradgrind: Social Science and the Rationalization of Schooling in Parliament, 1803–1914
Daniel Scott Smith

Projects

- 2025–** **How do interpretative dynamics between inventors and examiners determine innovation at the US Patent and Trademark Office? (forthcoming NSF award)**
 Objective: To model how pluralistic interpretation and social learning shape inventions during patent prosecution at the USPTO
 Role: Co-Principal Investigator with Daniel A. McFarland
- 2022–** **How do evaluative exchanges shape scientific arguments? (NSF Award #2244804)**
 Objective: To model and investigate canonical forms of scientific argumentation, discover patterns in critical evaluation and judgement within and across fields, and understand whether and when epistemic conflict gets resolved as authors revise in response to their peers' evaluations.
 Role: Postdoc with Daniel A. McFarland (PI), Andrew McCallum (PI)
- 2020–2022** **Can consultation create a fairer scientific peer-review process? (NSF Award #2022435)**
 Objective: To investigate whether and how bias enters into the scientific peer-review process using the texts of all manuscripts and reviews of selected journals.
 Role: Postdoc with Daniel A. McFarland (PI), Daniel Jurafsky (PI), James Zou (PI)

Classes

Research Design
Duke University (PhD)
Stanford University (BA, MA, PhD)
TU Dortmund University (PhD)

Sociology of Science
Duke University (BA)

Gender and Education
Stanford University (BA+MA+PhD)

Global Education Policy and Organization
Stanford University (MA+PhD)

International Comparative Education
Stanford University (MA+PhD)

Memberships

American Sociological Association
Social Science History Association
Society for Social Studies of Science (4S)

Funds

- 2019 Collaborative Learning Fund, Stanford University
- 2018 Intellectual Community Enhancement Grant, Stanford University
- 2017 Karr Fellowship for Interdisciplinary Research, Stanford University
- 2016 Interdisciplinary Doctoral Training in Quantitative Policy Analysis, U.S. Department of Education
- 2016 Enhancing Diversity in Graduate Education, Stanford University
- 2011 Major Research Grant, "Prussian Rhetoric of School Reform (1760-1850)," Stanford University
- 2010 Small Research Grant, "Prussian Rhetoric of School Reform (1760-1850)," Stanford University

Service

Reviewer

American Sociological Review
American Journal of Sociology
Social Forces
International Journal of Comparative Sociology
Acta Sociologica
Research Policy
PNAS Nexus
Science and Public Policy
American Education Research Association (AERA) Open

Member

Undergraduate Studies Committee (Duke)
Dean of Religious and Spiritual Life Search Committee (Stanford)
Open-rank Professorship in the History of Education Search Committee (Stanford)
Allan Sharlin Book Award Committee (Social Science History Association)