

David Peterson

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EMPLOYMENT

2020 Postdoctoral Researcher for Jacob Foster, UCLA
2018-20 Postdoctoral Research Fellow at the Institute for Society and Genetics, UCLA

EDUCATION

2018 Ph.D. in Sociology from Northwestern University
2009 MA in Sociology from Rutgers, the State University of New Jersey
2006 BA in Sociology and BA in Communication Studies from CSU Long Beach

RESEARCH INTERESTS

Science and Technology
Culture and Cognition
Qualitative Methods
AI and Automation
Data and Society
Metascience
Expertise
Theory

BOOK MANUSCRIPT

The Unbuilt Bench: Experimental Psychology at the Verge of Science

- Research featured in *Slate*
- Manuscript under review

PUBLICATIONS

Peterson, David, & Panofsky, Aaron. 2021. "Arguments Against Efficiency in Science."
Social Science Information, Forthcoming

- Peterson, David**, & Panofsky, Aaron. 2021. "Self-Correction in Science: The Diagnostic and Integrative Motives for Replication." *Social Studies of Science*, Forthcoming.
- Freese, Jeremy, & **Peterson, David**. 2020. "Replication." In C. Elman, J. Gerring, & J. Mahoney (Eds.), *The Production of Knowledge: Enhancing Progress in Social Science*. Cambridge University Press.
- Freese, Jeremy, & **Peterson, David**. 2018. "The Emergence of Statistical Objectivity." *Sociological Theory*, 36(3), 289-313. (Equal co-authors)
- Freese, Jeremy, & **Peterson, David**. 2017. "Replication in Social Science." *Annual Review of Sociology*, 43(1).
- Peterson, David**. 2017. "The Depth of Fields: Managing Focus in the Epistemic Subcultures of Mind and Brain Science." *Social Studies of Science*, 47(1), 53-74.
- Peterson, David**. 2016. "The Baby Factory: The Production of Statistical Significance in Improbable Circumstances" *Socius*, 1(2), 1-10.
- Featured in the *Salon.com*, *British Psychological Society Research Digest*, *The Psych Report*, *Andrewgelman.com*, and the *Hardest Science* blog
- Peterson, David**. 2015. "All that is Solid: Bench-Building at the Frontiers of Two Experimental Sciences." *American Sociological Review*, 80(6), 1201-1225.
- Winner of Hacker-Mullins Prize Student Paper Award from the Science, Knowledge, and Technology Section of the American Sociological Association
 - Winner of Winch Award for the best paper presented or published by a Northwestern graduate student
- Peterson, David**, & Harvey, Daina C. 2014. "Kafkaesque Bureaucracies as Natural Breaching Experiments: Interactional Failures and the Search for Institutional Agency." *Symbolic Interaction*, 38(2), 195-212.
- Winner of the Maines Narrative Research Award from the Carl Couch Center for Social and Internet Research
- Peterson, David**. 2014. "Ontology and Politics: The Problems of Emergence and Reductionism in Integrative Health Science." *Social Theory & Health*, 12, 22-44.
- Peterson, David**. 2013. "The Ivy and the Trellis: Agency, Biology, and Socialization." *Advances in Group Processes*, 30, 293-315.
- Winner of the Student Paper Award- Evolution, Biology, and Society Section of the American Sociological Association

Peterson, David. 2012. "Where the Sidewalk Ends: The Limits of Social Constructionism." *Journal for the Theory of Social Behavior*, 42(4), 465-84.

COMMENTS, EDITORIALS, & REVIEWS

Peterson, David. 2021. "The replication crisis won't be solved with broad brushstrokes." *Nature*, (594), 151.

Peterson, David. 2019. "The Other Big Science: Psychiatric Genetics and the Strategy of Going Big." *BioSocieties*, 14(4), 585-590.

WORK IN PROGRESS

Peterson, David, & Panofsky, Aaron. "Metascience as a Scientific Social Movement"

- Preprint featured in *Psychology Today*

Peterson, David, Panofsky, Aaron, & Natarajan, Ramya. "The Emergent Research Program of Total Automation in Science"

GRANTS

2020 "The Study of the Formation, Practice and Effect of Adversarial Collaboration in Consciousness research" (Co-PI) from the Templeton World Charity Foundation, \$139,692.

AWARDS AND FELLOWSHIPS

2016 Hacker-Mullins Student Paper Award from the Science, Knowledge and Technology section of the American Sociological Association

2015 MacArthur Grant

2014 Winch Award for the best paper presented or published by a Northwestern graduate student for "All that is Solid: Bench-Building at the Frontiers of Two Experimental Sciences"

2014 MacArthur Grant

2013 Sociological Fieldwork Research Fellowship

2011 Graduate Research Grant, Northwestern University

2010 Fellow for the Society, Biology, and Health cluster, Northwestern University

2010 ASA Student Paper Award- Evolution, Biology, and Society Section of the American Sociological Association

- 2007 Excellence Fellowship- Institute for Aging and Health Research, Rutgers University
- 2006 Sociology Graduate of the Year- University of California, Long Beach

PRESENTATIONS

- 2021 "Metascience as a Scientific Social Movement." A Critical Analysis of the Scientific Reform Movement at the Center for Open Science
- 2021 "Metascience as a Scientific Social Movement." History and Philosophy of Science Seminar at the University of Melbourne
- 2019 "Objectivity in Social and Natural Science." Invited workshop on Objectivity at the University of Bergen, Norway.
- 2019 "Meta-Science and the Political Theory of Science Policy." Presented at the Annual Meeting of the Society for the Social Studies of Science
- 2019 "Transparency versus Autonomy: Meta-Science, Fields, and the Political Clash at the Root of Pure Science." Presented at the Annual Meeting of the American Sociological Association- Science and Technology Panel
- 2016 "The Verge of Science: Expertise and Evaluation at the Frontiers of Behavioral Science." Invited presentation at the University of Oklahoma Emerging Scholars Series
- 2016 "The Categorization of Human Experience in Experimental Social Science." Presented at the Annual Meeting of the American Sociological Association- Sociology of Culture, Roundtable
- 2015 "The Emergence of Forensic Objectivity: Transparency, Mechanical Replication, and the Meta-Analytic Mindset." (with Jeremy Freese) Presented at the Annual Meeting of the American Sociological Association- Sociology of Science, Regular Session
- 2015 "The Ethics, Pragmatics, and Logics of Competing Evidential Cultures in Social Psychology." Presented at the Annual Meeting of the American Sociological Association- Science, Knowledge, and Technology, Roundtables
- 2014 "The Depth of Fields: The Optics of Scientific Disunity." Presented at the Annual Meeting of the American Sociological Association- Sociology of Culture, Special Section
- 2014 "Beyond Hierarchy and Consensus: Bench-Building at the Frontiers of Two Experimental Sciences." Presented at the Annual Meeting of the American Sociological Association- Theory, Roundtable Session
- 2013 "The Baby Factory: The Production of Statistical Significance in Improbable Circumstances." Presented at the Annual Meeting of the American Sociological Association- Science, Knowledge, and Technology, Special Section
- 2011 "Ontology and Politics: Emergence and Reductionism in Integrative Health Science." Presented at the Annual Meeting of the American Sociological Association- Sociological Theory, Special Section

- 2011 "From Culture and Cognition to Ideology: The Culture Structure of Economic Crises." Presented at the Annual Meeting of the American Sociological Association- Culture and Cognition, Roundtable
- 2010 "Moving Beyond the Constructionist/Nativist Dichotomy: Toward a Richer Social Constructionism." Presented at the Annual Meeting of the American Sociological Association- Sociological Theory, Roundtable
- 2009 "Evolutionary Coalition Formation Between Agent Groups Over Networks" (with Michael Wunder). Presented at the Northwestern Institute on Complex Systems (NICO) Complexity Conference, Poster Session
- 2009 "The Ivy and the Trellis: Socialization and the Aggregation of Schemata." Presented at the Annual Meeting of the American Sociological Association- Sociological Theory, Special Section
- 2009 "A Theory of Extreme Resocialization." (with Ben Zablocki) Presented at the Annual Meeting of the Association for the Sociology of Religion, Regular Session
- 2008 "Mirror Neurons, Social Theory, and Child Development." Presented at the Annual Meeting of the Eastern Sociological Society, Regular Session

COURSES TAUGHT

Health, Biomedicine, Culture, and Society
 Environmental Sociology
 Sociology of Science
 Contemporary Sociological Theories
 Development of Sociological Theory
 The Human as Research Object

TEACHING ASSISTANTSHIPS

Global Health and Transnational Social Movements (TA to Tom Waidzunus)
 Law and Society (TA to Laura Beth Nielsen)
 Economy and Society (TA to Bruce Carruthers)
 Contemporary Sociological Theories (TA to Ann Mische)
 Introduction to Research Methods (TA Julie Phillips)
 Introduction to Sociology (TA Doug McDowell)

SERVICE

- 2016 Communications Committee- Science, Knowledge, and Technology Section of ASA
- 2014 Faculty Recruitment Committee- Northwestern Graduate Student Association

- 2011 Graduate Affairs Committee- Northwestern Graduate Student Association
2010 Social Affairs Coordinator- Northwestern Sociology Graduate Student Association
2008 Discussant- "Social Psychological Approaches"- Annual Meeting of the American Sociological Association
2007-09 Board Member- The Student Forum Advisory Board of the *American Sociological Association*
2007 Co-chair- Graduate Union of Sociology Students, Rutgers University
2007 Discussant- Constructing Knowledges Conference

REVIEW

American Sociological Review
American Journal of Sociology
National Science Foundation
Theory & Society
Social Studies of Science
Sociological Forum
Science, Technology, & Human Values
Journal for the Theory of Social Behavior

REFERENCES

Jeremy Freese
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