

# David Peterson

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## **EMPLOYMENT**

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2022- Assistant Professor of Sociology, Purdue University  
2020-22 Postdoctoral Researcher for Jacob Foster, UCLA  
2018-20 Postdoctoral Research Fellow at the Institute for Society and Genetics, UCLA

## **EDUCATION**

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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**

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

## **PUBLICATIONS**

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**Peterson, David**, & Panofsky, Aaron. 2021. "Arguments Against Efficiency in Science." *Social Science Information*, 60(3), 350-355.

**Peterson, David**, & Panofsky, Aaron. 2021. "Self-Correction in Science: The Diagnostic and Integrative Motives for Replication." *Social Studies of Science*, 51(4), 583-605.

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***

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**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***

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**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***

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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***

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- 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***

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- 2021 "Never Let a Good Crisis Go to Waste: Metascience, Automation, and the Future of Science" at the Centre for the Study of Knowledge, Expertise and Science at Cardiff University
- 2021 "Self-Correction in Science: The Diagnostic and Integrative Motives for Replication" at Society for Social Studies of Science Annual Meeting, Toronto
- 2021 Organizer for "How biology differs from other sciences, and why this matters for Metascience" at Metascience 2021 Conference
- 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***

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

## ***SERVICE***

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- 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**

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*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**

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