

Mathijs de Vaan

Haas School of Business, University of California Berkeley

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Employment

University of California, Berkeley, Haas School of Business, Berkeley, CA

Assistant Professor (2015-Present)

Education

Columbia University, Department of Sociology, New York, NY

Ph.D. (2015)

Utrecht University, Department of Economics/Geography, Utrecht, The Netherlands

Ph.D. (2012)

Utrecht University, Department of Economics/Geography, Utrecht, The Netherlands

B.S. and M.S. (2008)

Peer Reviewed Publications

- 2022 [Hospitalizations reduce health care utilization of household members](#). *Health Services Research*. Forthcoming. With Savannah Bergquist.
- 2022 [Effect of Social Needs Case Management on Hospital Use Among Adult Medicaid Beneficiaries: A Randomized Study](#). *Annals of Internal Medicine*. With Daniel Brown, Elizabeth Hernandez, and Amanda Brewster.
- 2022 [Gender in the Markets for Expertise](#). *American Sociological Review* 87 (3): 443-477. With Toby Stuart
- 2022 [Gender-equal funding rates conceal unequal evaluations](#). *Research Policy* 51 (1): 104399. With Thijs Bol and Arnout van de Rijt
- 2021 [Social Learning in the COVID-19 Pandemic: Community Establishments' Closure Decisions Follow Those of Nearby Chain Establishments](#). *Management Science* 67 (7): 4446-4454. With Saqib Choudhary, Abhishek Nagaraj and Sameer Srivastava
- 2020 [Data Access Democratizes and Diversifies Science](#). *Proceedings of the National Academy of Sciences (PNAS)* 117 (38): 23490-23498. With Abhishek Nagaraj and Esther Shears
- 2020 [Micro-structural foundations of network inequality: Evidence from a field experiment in professional networking](#). *Social Networks* 63: 213-230. With Dan Wang.
- 2019 [Does Intra-household Contagion Cause an Increase in Prescription Opioid Use?](#) *American Sociological Review* 84 (4). With Toby Stuart.
- 2019 [Obscured Transparency? Compensation Benchmarking and the Biasing of Executive Pay](#). *Management Science* 65 (9). With Tom DiPrete and Benjamin Elbers.

- 2018 [The Matthew Effect in Science Funding](#). *Proceedings of the National Academy of Sciences (PNAS)* 115 (19): 4887-4890. With Thijs Bol and Arnout van de Rijt.
- 2015 [Game Changer: The Topology of Creativity](#). *American Journal of Sociology* 120 (4): 1144-1194. With Balazs Vedres and David Stark.
- 2014 [Interfirm Networks in Periods of Technological Turbulence and Stability](#). *Research Policy* 43 (10): 1666-1680.
- 2013 [Clustering and Firm Performance in Project-based Industries](#). *Journal of Economic Geography* 13 (6): 965-991. With Ron Boschma and Koen Frenken.
- 2013 [The Dynamics of Interfirm Networks along the Industry Life Cycle](#). *Journal of Economic Geography* 13 (5): 741-765. With Pierre-Alexandre Balland and Ron Boschma.

Book Chapters

- 2014 The Formation of Economic Networks: A Proximity Approach, in A. Torre and F. Wallet (eds.) *Regional Development and Proximity Relations*. Northampton, MA: Edward Elgar. With Ron Boschma and Pierre-Alexandre Balland.

Working Papers

- 1. The Proposal Effect in Science Funding. With Muge Simsek and Arnout van de Rijt.
- 2. Intermediation and Vertical Integration in the Market for Surgeons. With Zarek Broth-Goldberg.
- 3. Strong ties and vital outcomes. With Toby Stuart.

Invited Talks

- 2022 Columbia Business School, Columbia University; Yale School of Management, Yale University.
- 2021 Computational Social Science Forum, UC Berkeley; Department of Sociology, Indiana University.
- 2020 Field Experiments Workshop, Duke University; Department of Sociology, Columbia University; CSSI, Northwestern University; QMSS Seminar, Columbia University.
- 2019 Department of Public Health, UC Berkeley; Strategy Research in the Healthcare Industry, University of Minnesota; Graduate School of Business, Stanford University; IPSR Seminar, UC Berkeley.
- 2018 Organizational Behavior Area, INSEAD; Ross School of Business, University of Michigan; Department of Sociology, Stanford University; Psych and Econ seminar, UC Berkeley; Department of Sociology, University of Amsterdam; Department of Sociology, Utrecht University.
- 2017 Economic Sociology Seminar, Harvard University/MIT; Department of Sociology, Columbia University; Department of Public Health, UC Berkeley.

Teaching Experience

- 2015- Leading People, *MBA Core Course*, Haas School of Business, University of California Berkeley.
- 2015- Organization Theory Seminar, *PhD Core Course*, Haas School of Business, University of California Berkeley.
- 2014 Social Statistics, *GSAS Teaching Fellow, Undergraduate Course*, Columbia University.
- 2013 Quantitative Methods II, *TA for Greg Eirich, Graduate Course*, Columbia University.
- 2012 Quantitative Methods I, *TA for Greg Eirich, Graduate Course*, Columbia University.
- 2012 Organizing Innovation, *TA for David Stark, Undergraduate Course*, Columbia University.

Honors, Grants and Awards

- 2021 Schwabacher award (for "*outstanding research, exceptional departmental service, unusual scholarly growth, or some combination thereof.*").
- 2017 Research Grant in Business Analytics (for *Allocating Treatment: Identifying Patients at Risk of Fatal and Non-Fatal Opiate Overdose*), Fisher Center for Business Analytics, \$9,000.
- 2017 Hellman award (for *The social structure of the opioid epidemic*), Hellman Family Faculty Fund, \$50,456.
- 2016 "Club 6" (Recognition for teaching excellence), Haas School of Business, University of California, Berkeley.
- 2016 Graduate Student Researcher Award, UC Berkeley Institute for Research on Labor and Employment.
- 2015 Alex Inkeles Award for Outstanding Graduate Student, Department of Sociology, Columbia University.
- 2014 Department Nominee for OMT Doctoral Consortium, Academy of Management.
- 2014 NSF Science of Organizations Grant, NSF (*with Tom DiPrete*).
- 2013 INCITE Seed Grant, Columbia University.
- 2013 Sidney Spivak Memorial Fund Travel Award, Columbia University.
- 2012 Sidney Spivak Memorial Fund Travel Award, Columbia University.
- 2011 Paul Lazarsfeld Ph.D. Fellowship, Columbia University.
- 2008 NWO Ph.D. Fellowship, NWO Open Competition.
- 2006 ACSN Student Research Award, Association for Canada Studies in the Netherlands.

Service

- 2021- Organization Science, *Editorial Review Board*.
- 2017- Berkeley Haas MORs PhD Program, *Field Advisor*.
- 2011- American Journal of Sociology, American Sociological Review, Management Science, PNAS, Administrative Science Quarterly, Socio-Economic Review, Regional Studies, Research Policy, Industry and Innovation, Sociological Science, *Ad hoc Reviewer*.
- 2011- Networks and Time Seminar Series, Columbia University, *Co-organizer*.
- 2015
- 2012 Economic Sociology Meets Economic Geography Conference, *Organizer*.