

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

- 2018 [The Matthew Effect in Science Funding](#). *Proceedings of the National Academy of Sciences (PNAS)*. 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.

Books and 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.
- 2012 The Connected Firm: The Spatial Dimension of Interorganizational Dependence along the Industry Life Cycle. Utrecht, The Netherlands: Igitur Publishing.

Articles under Review

From Triadic Closure to Network Inequality: Evidence from a Simulation Model and Field Experiment. *Under review*. With Dan Wang.

Gender Equality in Science Funding Despite Unequal Evaluations. *R&R at PNAS*. With Thijs Bol and Arnout van de Rijt.

Obscured Transparency? Compensation Benchmarking and the Biasing of Executive Pay. *2nd round R&R at Management Science*. (This paper has been covered in a story that was published in the [Fiscal Times](#),

CNBC, and Yahoo! Finance.) With Tom DiPrete and Ben Elbers.

When Drugs Kill: Cognitive Structures in the Production of Evidence. *Under review.*

Selected Presentations

- 2018 Ross School of Business, *University of Michigan, Ann Arbor, MI.*
Obscured Transparency? Compensation Benchmarking and the Biasing of Executive Pay.
- 2017 Economic Sociology Seminar, *MIT, Boston, MA.*
The Diffusion of Opioids in Family Households.
- 2017 Department of Sociology, *Columbia University, New York City, NY.*
Micro-structural foundations of network inequality Evidence from observational data and field experiments.
- 2017 Department of Public Health, *UC Berkeley, Berkeley, CA.*
When Drugs Kill: Cognitive Structures in the Production of Evidence.
- 2015 Junior Organizational Theory Conference, *Toronto, Canada.*
The process of network tie formation Understanding induced homophily and choice homophily through a field experiment.
- 2014 ASA Annual Meeting, *San Francisco, CA.*
Are Executive Pay Benchmarks Biased? Theory and Evidence from a Dynamic Analysis of Compensation Peer Groups.
- 2014 ASA Annual Meeting, *San Francisco, CA.*
Unintended Consequences: The Diffusion of Risk Claims about Prescription Drugs.
- 2013 Organizational Ecology Conference, *Budapest, Hungary.*
Making the Claim: The Diffusion of Risk Claims about Prescription Drugs.
- 2012 Aage Sorenson Conference, *Stockholm, Sweden.*
Game Changer: The Topology of Creativity.
- 2012 Organizational Ecology Conference, *Copenhagen, Denmark.*
The Downside of Social Capital in New Industry Creation.
- 2011 Academy of Management Annual Conference, *San Antonio, TX, USA.*
The Downside of Social Capital in New Industry Creation.
- 2011 DRUID Winter Conference, *Copenhagen, Denmark.*
Interfirm Networks in Periods of Turbulence and Stability - The Case of the Global Video Game Industry (1972-2007).

Teaching Experience

- 2015- Leading People, *MBA 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 and Awards

Fisher Center for Business Analytics

- 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

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

Other

Languages

Dutch (Native), English (Fluent), French (Intermediate), German (Intermediate)

Software

R, Stata, Pajek, UCINet, MS Excel, MS Word, Lyx

Programming

Python, JavaScript, SQL, XML, XQuery, XPath, HTML, LaTeX/BibTeX