

## PETER MCMAHAN

Stanford University  
Department of Education

mcmahanp@stanford.edu  
(773)442-2223

---

### EMPLOYMENT

Assistant Professor of Sociology, McGill University	Starting Autumn 2018
Postdoctoral Scholar, Stanford University, Departments of Computer Science, Education, and Linguistics	2017–2018

### EDUCATION

PhD Sociology, University of Chicago	2017
MPP, Harris School of Public Policy, University of Chicago	2007
BA in Mathematics, Reed College	2003

### RESEARCH INTERESTS

Social networks, status, culture, computational methods, mathematical models, statistical methods

### PUBLICATIONS

McMahan, Peter (2016). “Like Family: Network Coevolution and the Emergence of Altruism” *Journal of Mathematical Sociology* 40(2): 112:122.

Small, Mario Luis, Vontrese Deeds Pamphile, and Peter McMahan (2015). “How Stable Is the Core Discussion Network?” *Social Networks* 40 (January): 90–102.

Padgett, John, Peter McMahan, and Xing Zhong (2012). “Economic production as chemistry II” in *Organizational and Market Emergence*, ed. J. Padgett and W. Powell.

McMahan, Peter (2008). “Cohesive Blocks Algorithm”, ‘igraph’ package for R statistical environment.

### TEACHING EXPERIENCE

Computing for Social Sciences (graduate-level course), University of Chicago	2011–2015
Teaching Assistant — Hierarchical Linear Models, University of Chicago	2013, 2016
Teaching Assistant — Statistical Methods of Research II, University of Chicago	2013
Teaching Assistant — Internet and Society, University of Chicago	2012
Teaching Assistant — Statistical Methods of Research I, University of Chicago	2012, 2016
Teaching Assistant — Content Analysis, University of Chicago	2011

### RESEARCH EXPERIENCE

Research Assistant, Professor Mario Small, University of Chicago	2012–present
Research Assistant, Professor James Evans, University of Chicago	2009–present

## ACADEMIC APPOINTMENTS AND HONORS

Benjamin Bloom Fellowship, University of Chicago, Division of Social Sciences	2016–2017
Associate Editor, American Journal of Sociology	2013–2014
Manuscript Board, American Journal of Sociology	2012–2013
Academic Fellowship, University of Chicago, Division of Social Sciences	2009–2014
Academic Fellowship, University of Chicago, Harris School of Public Policy Studies	2005–2007

## WORKSHOPS AND CONFERENCES

### Sunbelt Conference (International Network of Social Network Analysts)

<i>Adolescent Status Hierarchies</i>	2014, Saint Petersburg Beach, FL
<i>Ambiguity and Knowledge Fragmentation</i>	2013, Hamburg, Germany
<i>Evolution of Cooperation: A Networked Model of Natural Selection</i>	2012, Redondo Beach, CA

### American Sociological Association annual conference

<i>Adolescent Status Hierarchies</i>	2015, Chicago, IL
<i>Ambiguity and Knowledge Fragmentation</i>	2012, Denver, CO

### Santa Fe Institute

Graduate Workshop in Computational Social Science Modeling and Complexity	2008, Santa Fe, NM
---	--------------------