

Robert Manduca

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Education

Ph.D. in Sociology and Social Policy, Harvard University (Expected 2020)

Advisor: Robert J. Sampson

Research Interests: Regional economic development, economic inequality, urban sociology, domestic migration, spatial analysis, computational methods, decision-making in social contexts

M.C.P., Massachusetts Institute of Technology (2014)

American Institute of Certified Planners Outstanding Student Award

B.A. with High Honors in Economics, Swarthmore College (2010)

Employment

Fellow, Data Science for Social Good, Summer 2014

Associate, Charles River Associates, 2010-2012

Publications

Chetty, R., Grusky, D., Hell, M., Hendren, N., **Manduca, R.**, & Narang, J. (2017). The Fading American Dream: Trends in Absolute Income Mobility Since 1940. *Science*, 356(6336), 398-406.

Green, B., Caro, A., Conway, M., **Manduca, R.**, Plagge, T., & Miller, A. (2015). Mining Administrative Data to Spur Urban Revitalization. In *Proceedings of the 21st ACM SIGKDD Conference on Knowledge Discovery and Data Mining* (pp. 1829-1838) New York: ACM Press.

Working Papers

Folch, D., Spielman, S., & **Manduca, R.** Fast Food Data: Where User-Generated Content Works and Where it Doesn't. *Revise and Resubmit, Geographical Analysis*.

Small, M., **Manduca, R.**, & Johnston, W. Depopulation and the Rise of Inequality across Urban Poor Neighborhoods.

Manduca, R. Formative and Facilitative Information as Mechanisms of Human Capital Concentration.

Manduca, R. Income Inequality and Regional Economic Divergence.

Manduca, R. The Spatial Structure of US Metropolitan Employment.

Selected Presentations

2017

Association of American Geographers 2017 Annual Meeting, Boston, MA. "The Spatial Structure of US Metropolitan Employment"

Harvard University Migration and Immigrant Incorporation Workshop. "Formative and Facilitative Information as Mechanisms of Human Capital Concentration"

Cornell University Sociology Graduate Student Association Seminar. "US Regional Inequality and the Migration Decisions of College Graduates"

2016

North American Regional Science Council 2016 Annual Meeting, Minneapolis, MN. "Amenities and Employment in the Migration Decisions of Recent College Graduates"

Inequality and Decision-Making: A Tobin Project Conference, Cambridge, MA. "Income Inequality, Consumption, and Structural Change"

Society for the Advancement of Socio-Economics 2016 Annual Meeting, University of California, Berkeley. "Income Inequality, Consumption, and Structural Change"

2015

Migrants in the City: New Dynamics of Migration in Urban Settings, University of Sheffield. "Domestic Migration Networks in the United States"

Census Local Employment Dynamics Partnership 2015 Annual Workshop, Washington DC. "The Spatial Structure of American Employment"

International Network of Analytic Sociologists 2015 Annual Meeting, Harvard University. "Heterogeneity in Activity Space Segregation in the United States"

2015 Computational Social Science Summit, Northwestern University. "Status, Diversity, and Team Performance in a Cultural Market"

Grants & Fellowships

Russell Sage Foundation, Intergenerational Mobility in the United States award for "The American Dream in the Great Depression: Absolute Income Mobility in the United States, 1915-1940." With Maximilian Hell, James Feigenbaum, and Jimmy Narang (2017)

Doctoral Fellow, Harvard Multidisciplinary Program in Inequality & Social Policy (2015-2017)

Honors & Awards

Presidential Scholar, Harvard University (2014)

Phi Beta Kappa (2010)

National Hispanic Recognition Scholar (2006)

National Merit Scholar (2006)

Teaching

Introduction to Social Inequality (Teaching Fellow), Harvard Department of Sociology, Spring 2017

Models of Social Science Research (Teaching Fellow), Harvard Department of Sociology, Fall 2016