

Curriculum Vitae

GEOFFREY T. WODTKE

CONTACT INFORMATION

Department of Sociology
University of Chicago
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ACADEMIC POSITIONS

Current Positions

Associate Professor, Department of Sociology, University of Chicago, 2019-present
Member, Committee on Quantitative Methods, University of Chicago, 2020-present
Research Associate, Population Research Center, University of Chicago, 2019-present
Methodological Adviser, Committee on Education, University of Chicago, 2019-present

Previous Positions

Assistant Professor, Department of Sociology, University of Toronto, 2014-2019
Faculty Affiliate, Department of Statistical Sciences, University of Toronto, 2016-2019
NICHD Pre-doctoral Trainee, Population Studies Center, University of Michigan, 2008-2014
Research Specialist, Department of Pop. Health Sciences, University of Wisconsin, 2007-2008

EDUCATION

Ph.D., University of Michigan, Sociology, 2014

Dissertation: “Class Structure and Income Inequality in the United States”

Committee: David J. Harding (co-chair), Yu Xie (co-chair), Sarah A. Burgard, Jeffrey A. Smith

Qualifying examinations: demography, social stratification

M.A., University of Michigan, Statistics, 2011

Thesis: “Duration and Timing of Exposure to Neighborhood Poverty and the Risk of Adolescent Parenthood”

B.A., University of Wisconsin-Madison, Sociology, 2007

RESEARCH AND TEACHING INTERESTS

Inequality, Poverty, and Mobility
Community and Urban Sociology

Social Psychology
Quantitative Research Methods

JOURNAL ARTICLES

Wodtke, Geoffrey T. Forthcoming. “Regression-based Adjustment for Time-varying Confounders.” *Sociological Methods and Research*. [doi:10.1177/0049124118769087](https://doi.org/10.1177/0049124118769087).

Zhou, Xiang and Geoffrey T. Wodtke. 2020. “Residual Balancing: A Method of Constructing Weights for Marginal Structural Models.” *Political Analysis* 28:487-506. [doi:10.1017/pan.2020.2](https://doi.org/10.1017/pan.2020.2).

Wodtke, Geoffrey T. and Xiang Zhou. 2020. “Effect Decomposition in the Presence of Treatment-induced Confounding: A Regression-with-residuals Approach.” *Epidemiology* 31:369-375. [doi:10.1097/EDE.0000000000001168](https://doi.org/10.1097/EDE.0000000000001168).

Wodtke, Geoffrey T., Zahide Alaca, and Xiang Zhou. 2020. “Regression-with-residuals Estimation of Marginal Effects: A Method of Adjusting for Treatment-induced Confounders that are also Effect Modifiers.” *Journal of the Royal Statistical Society: Series A (Statistics in Society)* 183:311-332. [doi:10.1111/rssa.12497](https://doi.org/10.1111/rssa.12497).

Zhou, Xiang and Geoffrey T. Wodtke. 2019. “A Regression-with-residuals Method for Estimating Controlled Direct Effects.” *Political Analysis* 27:360-369. [doi:10.1017/pan.2018.53](https://doi.org/10.1017/pan.2018.53).

Zhou, Xiang and Geoffrey T. Wodtke. 2019. “Income Stratification among Occupational Classes in the United States.” *Social Forces* 97:945-972. [doi:10.1093/sf/soy074](https://doi.org/10.1093/sf/soy074).

Wodtke, Geoffrey T. 2018. “The Effects of Education on Beliefs about Racial Inequality.” *Social Psychology Quarterly* 81:273-294. [doi:10.1177/0190272518804145](https://doi.org/10.1177/0190272518804145).

Wodtke, Geoffrey T. and Daniel Almirall. 2017. “Estimating Moderated Causal Effects with Time-varying Treatments and Time-varying Effect Moderators: Structural Nested Mean Models and Regression-with-residuals.” *Sociological Methodology* 47:212-245. [doi:10.1177/0081175017701180](https://doi.org/10.1177/0081175017701180).

Wodtke, Geoffrey T. and Matthew Parbst. 2017. "Neighborhoods, Schools, and Academic Achievement: A Formal Mediation Analysis of Contextual Effects on Reading and Mathematics Abilities." *Demography* 54:1653-1676. [doi:10.1007/s13524-017-0603-1](https://doi.org/10.1007/s13524-017-0603-1).

Wodtke, Geoffrey T. 2017. "Social Relations, Technical Divisions, and Class Stratification in the United States: An Empirical Test of the Death and Decomposition of Class Hypotheses." *Social Forces* 95:1479-1508. [doi:10.1093/sf/sox012](https://doi.org/10.1093/sf/sox012).

Wodtke, Geoffrey T. 2016. "Social Class and Income Inequality in the United States: Ownership, Authority, and Personal Income Distribution from 1980 to 2010." *American Journal of Sociology* 121:1375-1415. [doi:10.1086/684273](https://doi.org/10.1086/684273).

Wodtke, Geoffrey T., Felix Elwert, and David J. Harding. 2016. "Neighborhood Effect Heterogeneity by Family Income and Developmental Period." *American Journal of Sociology* 121:1168-1222. [doi:10.1086/684137](https://doi.org/10.1086/684137).

Wodtke, Geoffrey T. 2016. "Are Smart People Less Racist? Verbal Ability, Anti-black Prejudice, and the Principle-policy Paradox." *Social Problems* 63:21-45. [doi:10.1093/socpro/spv028](https://doi.org/10.1093/socpro/spv028).

- Selected media coverage: [Salon](#), [The Times of London](#), [The Washington Post](#)

Wodtke, Geoffrey T. 2015. "Continuity and Change in the American Class Structure: Workplace Ownership and Authority Relations from 1972 to 2010." *Research in Social Stratification and Mobility* 42:48-61. [doi:10.1016/j.rssm.2015.07.002](https://doi.org/10.1016/j.rssm.2015.07.002).

Wodtke, Geoffrey T. 2013. "Duration and Timing of Exposure to Neighborhood Poverty and the Risk of Adolescent Parenthood." *Demography* 50:1765-1788. [doi:10.1007/s13524-013-0219-z](https://doi.org/10.1007/s13524-013-0219-z).

Wodtke, Geoffrey T. 2012. "The Impact of Education on Intergroup Attitudes: A Multiracial Analysis." *Social Psychology Quarterly* 75:80-106. [doi:10.1177/0190272511430234](https://doi.org/10.1177/0190272511430234).

- Selected media coverage: [Education Week](#), [PsyPost](#)

Wodtke, Geoffrey T., David J. Harding, and Felix Elwert. 2011. "Neighborhood Effects in Temporal Perspective: The Impact of Long-Term Exposure to Concentrated Disadvantage on High School Graduation." *American Sociological Review* 76:713-736. [doi:10.1177/0003122411420816](https://doi.org/10.1177/0003122411420816).

- Selected media coverage: [The Atlantic](#), [The New York Times](#), [The Pacific Standard](#)
- Reprinted in *Data Inference in Observational Settings*, 2013, Peter David (ed.)

López Turley, Ruth N. and Geoffrey T. Wodtke. 2010. “College Residence and Academic Performance: Who Benefits from Living on Campus?” *Urban Education* 45:506-532. [doi:10.1177/0042085910372351](https://doi.org/10.1177/0042085910372351).

LoConte, Noelle K., Maureen Smith, Dona Alberti, Jeffrey Bozeman, James F. Cleary, Ashley N. Setala, Geoffrey T. Wodtke, George Wilding, and Kyle D. Holen. 2010. “Amongst Eligible Patients, Age and Comorbidity do not Predict for Dose-limiting Toxicity from Phase I Chemotherapy.” *Cancer Chemotherapy and Pharmacology* 65:775-780. [doi:10.1007/s00280-009-1084-8](https://doi.org/10.1007/s00280-009-1084-8).

RESEARCH IN PROGRESS

Under review:

Wodtke, Geoffrey T., Sagi Ramaj, and Jared Schachner. “Toxic Neighborhoods: The Joint Effects of Concentrated Poverty and Environmental Lead Contamination on Cognitive Development during Early Childhood.”

Linden, Ariel, Chuck Huber, and Geoffrey T. Wodtke. 2020. “A Regression-with-residuals Method for Analyzing Causal Mediation: The RWRMED package.”

Working papers (last three years):

Wodtke, Geoffrey T., Sagi Ramaj, and Jared Schachner. “Toxic Neighborhoods: The Joint Effects of Concentrated Poverty and Environmental Lead Contamination on Cognitive Development during Early Childhood.” <https://osf.io/preprints/socarxiv/mv9d7>.

Wodtke, Geoffrey T., Ugur Yildirim, David J. Harding, and Felix Elwert. 2020. “Are Neighborhood Effects Explained by Differences in School Quality?” University of California-Berkeley, Institute for Research on Labor and Employment, Working Paper No. 102-20. <https://irle.berkeley.edu/are-neighborhood-effects-explained-by-differences-in-school-quality/>.

Wodtke, Geoffrey T. and Xiang Zhou. 2019. “Effect Decomposition in the Presence of Treatment-induced Confounding: A Regression-with-residuals Approach.” <https://osf.io/preprints/socarxiv/86d2k/>.

Wodtke, Geoffrey T., Zahide Alaca, and Xiang Zhou. 2018. “Regression-with-residuals Estimation of Marginal Effects: A Method of Adjusting for Treatment-induced Confounders that are also Moderators.” <https://arxiv.org/abs/1808.07795>.

Zhou, Xiang and Geoffrey T. Wodtke. 2018. “Residual Balancing Weights for Marginal Structural Models: with Application to Analyses of Time-varying Treatments and Causal Mediation.” <https://arxiv.org/abs/1807.10869>.

Zhou, Xiang and Geoffrey T. Wodtke. 2018. “A Regression-with-residuals Method for Estimating Controlled Direct Effects.” University of Toronto, Department of Sociology, Working Paper No. 2018-01. <http://sociology.utoronto.ca/working-paper-2018-01/>.

Wodtke, Geoffrey T. 2017. “Regression-based Adjustment for Time-varying Confounders.” University of Toronto, Department of Sociology, Working Paper No. 2017-01. <http://sociology.utoronto.ca/working-paper-2017-01/>.

In preparation:

Wodtke, Geoffrey T., Ugur Yildirim, David J. Harding, and Felix Elwert. “Are Neighborhood Effects Explained by Differences in School Quality?”

Wodtke, Geoffrey T. and Kimberly Pernel-Gallagher. “The Dynamics of Privately Held Business Assets in the United States.”

Yeh, Catherine and Geoffrey T. Wodtke. “The Effects of Subsidized Childcare on Low-income Mothers: Evidence from the Head Start Impact Study.”

SOFTWARE

Linden, Ariel, Chuck Huber, and Geoffrey T. Wodtke. 2020. “RWRMED: A Stata Module for Conducting Causal Mediation Analysis using Regression-with-residuals.” <https://github.com/gtwodtke/rwrmed>.

Wodtke, Geoffrey T. 2019. “RBW: A Stata Module for Constructing Residual Balancing Weights for Marginal Structural Models.” <https://github.com/gtwodtke/rbw>.

CONFERENCE PRESENTATIONS

“Are Neighborhood Effects Explained by Differences in School Quality?” American Sociological Association Annual Conference, Virtual Session, August 2020.

“Effect Decomposition in the Presence of Treatment-Induced Confounding: A Regression-With-Residuals Approach.” Population Association of America Annual Conference, Virtual Session, April 2020.

“Regression-based Adjustment for Time-varying Confounders.” American Sociological Association Annual Conference, Montreal, QC, August 2017.

“Place Matters, but For Whom, When, and Why? Cautionary Insights from Research on Status Attainment.” Canadian Political Science Association Annual Conference, Toronto, ON, June 2017.

“Neighborhoods, Schools, and Academic Achievement: A Formal Mediation Analysis of Contextual Effects on Reading and Mathematics Abilities during Adolescence.” Canadian Sociological Association Annual Conference, Calgary, AB, May 2016; Population Association of America Annual Conference, Washington, DC, March 2016.

“Social Relations, Technical Divisions, and Class Stratification in the United States: An Empirical Test of the Death and Decomposition of Class Hypotheses.” Canadian Sociological Association Annual Conference, Ottawa, ON, June 2015.

“Estimating Heterogeneous Causal Effects with Time-varying Treatments and Time-varying Effect Moderators: Structural Nested Mean Models and Regression-with-residuals.” Population Association of America Annual Conference, San Diego, CA, May 2015.

“Neighborhood Effect Heterogeneity by Family Income and Developmental Period: Evidence from a Structural Nested Mean Model of High School Graduation.” Society for Research on Education Effectiveness Spring Conference, Washington, DC, March 2015.

“Property, Authority, and Income Distribution in America, 1983-2010.” American Sociological Association Annual Conference, San Francisco, CA, August 2014.

“Are Smart People Less Racist? Verbal Ability, Anti-black Prejudice, and the Principle-policy Paradox.” American Sociological Association Annual Conference, New York, NY, August 2013.

“Poor Families, Poor Neighborhoods: How Family Poverty Intensifies the Impact of Concentrated Disadvantage on High School Graduation.” Population Association of America Annual Conference, San Francisco, CA, May 2012; American Sociological Association Annual Conference, New York, NY, August 2013.

“Neighborhood Effects on Educational Attainment: Application of the Structural Nested Mean Model and Two-stage Regression-with-residuals Estimator.” Michigan Student Symposium for Interdisciplinary Statistical Sciences, Ann Arbor, MI, April 2012.

“Duration and Timing of Exposure to Neighborhood Poverty and the Risk of Adolescent Parenthood.” Population Association of America Annual Conference, Washington, DC, April 2011.

“The Impact of Education on Intergroup Attitudes: A Multiracial Analysis.” Population Association of America Annual Conference, Dallas, TX, April 2010.

“Neighborhood Effects in Temporal Perspective.” American Sociological Association Methodology Section Conference, University of Illinois, Urbana-Champaign, IL, April 2010.

INVITED LECTURES

“Are Neighborhood Effects Explained by Differences in School Quality?” University of Chicago, Department of Economics Lifecycle Workshop, Chicago, IL, March 2020.

“Causal Mediation Analysis in the Presence of Treatment-induced Confounding: A Regression-with-residuals Approach.” University of Chicago, Workshop on Quantitative Methods in the Social, Behavioral, and Health Sciences, Chicago, IL, November 2019.

“Are Neighborhood Effects Mediated by Schools?” Ontario Institute for Studies in Education, Data, Equity, and Policy in Education (DEPE) Workshop, Toronto, ON, December 2018.

“Classes in the 21st Century: Death, Decomposition, or Resurrection?” University of Minnesota, Department of Sociology Seminar Series, Minneapolis, MN, April 2018; SciencesPo, Conference on Social Classes in Contemporary Societies, Paris, France, June 2017.

“Regression-based Adjustment for Time-varying Confounders.” University of Toronto, Department of Statistical Sciences Seminar Series, Toronto, ON, November 2016.

“Does School Poverty Mediate the Effects of Neighborhood Context on Academic Achievement?” Columbia University, Center for Wealth and Inequality Seminar Series, New York, NY, October 2016; Berlin Social Science Center, Contexts of Social Inequality Conference, Berlin, Germany, June 2016.

“Neighborhoods, Schools, and Academic Achievement: A Formal Mediation Analysis of Contextual Effects on Reading and Mathematics Abilities during Adolescence.” Harvard University, Department of Sociology Quantitative Methods Workshop, Cambridge, MA, November 2015.

“Social Class and Income Inequality in the United States.” University of Western Ontario, Department of Sociology Research Colloquium, London, ON, November 2014.

“Marginal Structural Models of Neighborhood Effects.” Quantitative Methodology Program Seminar Series, University of Michigan, Ann Arbor, MI, March 2010.

HONORS AND AWARDS

Leo Goodman Award for contributions to sociological methodology by a scholar who is no more than 15 years past the date of their PhD, Methodology Section, American Sociological Association, 2020

Mark Chesler Award for best graduate student paper on intergroup relations, University of Michigan, 2014; Paper Title: “Are Smart People Less Racist? Cognitive Ability, Anti-Black Prejudice, and the Principle-Policy Paradox.”

Student Paper Award (honorable mention), Community and Urban Sociology Section, American Sociological Association, 2011; Paper Title: “Duration and Timing of Exposure to Neighborhood Poverty and the Risk of Adolescent Parenthood.”

Jane Addams Award for best article, Community and Urban Sociology Section, American Sociological Association, 2011; Paper Title: “Neighborhood Effects in Temporal Perspective: The Impact of Long-Term Exposure to Concentrated Disadvantage on High School Graduation.”

Katherine Luke Award for best graduate student paper, Department of Sociology, University of Michigan, 2010; Paper Title: “The Impact of Education on Intergroup Attitudes: A Multiracial Analysis.”

Kathryn London Award, Department of Sociology, University of Michigan, 2009

GRANTS AND FELLOWSHIPS

Research Grant (\$300,264), U.S. National Science Foundation, 2020-2023; Project title: “Why Neighborhoods Matter: A Causal Mediation Analysis of Contextual Effects on Child Academic Achievement.”

Insight Grant (\$87,819), Social Sciences and Humanities Research Council of Canada, 2018-2022; Project title: “Neighbourhoods, Schools, and Environmental Health Hazards: A Causal Mediation Analysis of Contextual Effects on Academic Achievement.”

Connaught New Researcher Award (\$10,000), University of Toronto, 2015-2017; Project title: “The Effects of Neighbourhood Poverty on Children’s Cognitive, Emotional, and Behavioural Development.”

Small Research Grant (\$500), Department of Sociology, University of Michigan, 2013

National Science Foundation Graduate Research Fellowship, 2010-2013

NICHD Pre-doctoral Fellowship, Population Studies Center, University of Michigan, 2008-2014

TEACHING AND ADVISING

University of Chicago

SOSC 16200: Population and Society (W2020)

SOCI 20292: The Social Psychology of Inequality (S2020)

SOCI 30005: Statistical Methods of Research II (S2020)

University of Toronto

SOC 220: Social Stratification (F2014-F2017)

SOC 252: Intermediate Quantitative Methods (W2018-W2019)

SOC 395: Foundations of Class Analysis (F2014)

SOC 495: The Social Psychology of Inequality (W2015, F2015, W2018)

SOC 6312: Poverty and Income Inequality (W2017, W2019)

SOC 6707: Intermediate Data Analysis (W2016, W2017)

SOC 6708: Causal Inference in the Social Sciences (F2017)

Ph.D. Committees (name, year of completion, first academic job, advisory role)

Jason Settels, 2019, Postdoctoral Fellow, University of Luxembourg, Supervisory Member
Atsushi Narisada, 2019, Assistant Professor at Saint Mary's University, Supervisory Member
Mitchell McIvor, 2018, Assistant Professor at University of West Georgia, Supervisory Member
Francis A. Pearman, 2017, Assistant Professor at University of Pittsburgh, External Member

Undergraduate theses (name, year of completion)

David Matz, 2020

SERVICE

Associate Editor

Journals: American Journal of Sociology, 2019-present

Editorial Board Member

Journals: Social Problems, 2018-present; Social Psychology Quarterly, 2018-present

Council Member

Sections: Methodology Section of the American Sociological Association, 2020-present

Reviewer

Journals: American Journal of Epidemiology; American Journal of Sociology; American Sociological Review; British Journal of Sociology; Child Development; Children and Youth Services Review; Demography; European Sociological Review; Evaluation Review; Health and Place; Housing Policy Debate; International Journal of Sociology; Journal of Canadian Studies; Journal of Experimental Psychology; Journal of Urban Health; Proceedings of the National Academy of Sciences; Public Opinion Quarterly; Research and Politics; Research in Social Stratification and Mobility; SAGE Open; Social Forces; Social Problems; Social Psychology Quarterly; Social Science & Medicine; Sociological Forum; Sociological Methodology; Sociological Methods and Research; Sociology of Education

Organizer

Conferences: Human Capital and Economic Opportunity Global Working Group Conference on Neighborhoods, Segregation, and Social Inequality, Chicago, IL, 2019

Workshops/seminars: Graduate Student Professionalization Seminar, Department of Sociology, University of Chicago, 2019; Toronto Inequality Workshop, University of Toronto, 2015-2019.

Organizations: Inequality Working Group, University of Michigan, 2009-2012; Department of Sociology Softball Team, University of Michigan, 2009-2012

Committee Member

Committees: Curriculum Committee, Committee on Quantitative Methods, University of Chicago, 2020-2021; Graduate Admissions Committee, Department of Sociology, University of Chicago, 2020-2021; Chair Nomination Committee, Department of Sociology, University of Chicago, 2020; Graduate Admissions Committee, Department of Sociology, University of Toronto, 2018-2019; Stratification, Work, and Markets Comprehensive Exam Committee, Department of Sociology, University of Toronto, 2017-2019; Graduate Program and Curriculum Committee, Department of Sociology, University of Toronto, 2016-2018; Quantitative Methods Comprehensive Exam Committee, Department of Sociology, University of Toronto, 2015-2018; Colloquium Series Committee, Department of Sociology, University of Toronto, 2016-2018

Session Chair/Discussant

Conferences: American Sociological Association Annual Conference, Montreal, QC, August 2017; Canadian Sociological Association Annual Conference, Calgary, AB, June 2016; Population Association of America Annual Conference, Washington, DC, April 2016; American Sociological Association Annual Conference, Denver, CO, August 2012

PROFESSIONAL MEMBERSHIPS

American Sociological Association, 2007-present

Section memberships: Inequality, Poverty, and Mobility; Community and Urban Sociology; Social Psychology; Methodology

Population Association of America, 2009-present

Society for the Study of Social Problems, 2016-present

Human Capital and Economic Opportunity Working Group, 2019-present