

## ANDREW L. OWEN

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### EDUCATION

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PhD, Sociology, Northwestern University, Fall 2020 (Expected)

Dissertation Title: *The Social Consequences of the Fracking Boom: Family Formation, Crime, and Economic Structure in the Upper Great Plains*

Committee: Christine Percheski (Co-Chair), James Mahoney (Co-Chair), Larry Hedges, Lincoln Quillian

MS, Statistics, Northwestern University, Fall 2020

Degree conferred upon completion of PhD

Advisor: Larry Hedges

MA, Sociology, 2013 University of California-Riverside

Specialization: Political Economy and Global Social Change

Advisors: Christopher Chase-Dunn and Matthew Mahutga

BA, 2009 Transylvania University, *Magna Cum Laude*

Majors: International Affairs, Spanish Language & Literature

### RESEARCH INTERESTS

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Quantitative Methods

Family Demography

Economic Sociology

Environmental Sociology

Population Health

Criminology

### REFEREED JOURNAL ARTICLES

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Inoue, Hiroko, Alexis Álvarez, Eugene N. Anderson, Andrew Owen, Rebecca Álvarez, Kirk Lawrence and Christopher Chase-Dunn. 2015. "Urban scale shifts since the Bronze Age: upsweeps, collapses and semiperipheral development" *Social Science History*

### MANUSCRIPTS IN PREPARATION

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Owen, Andrew L. "The Fracking Boom, Labor Structure, and Adolescent Fertility in the Upper Great Plains." Currently under review at *Demography*.

Owen, Andrew L. "Sex Ratios and The Causal Effect of the Fracking Boom on Crime: Natural Experimental Findings from North Dakota." To be submitted to *Rural Sociology*.

Owen, Andrew L. "The Fracking Boom and DUI Arrests: Causal Inference in a Public Health Outcome."

Carruthers, Bruce G., Brayden King, and **Andrew L. Owen**. "Corporate Social Responsibility and Tax Avoidance."

Mahoney, James and **Andrew L. Owen**. "Necessity and Sufficiency of QCA in Classic Social Experiments." Currently under review at *Quality and Quantity*.

### **AWARDS, FELLOWSHIPS, GRANTS**

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- 2020 Northwestern Research Grant (\$345)
- 2020 ASA Methods Section Travel Grant (\$500) (deferred due to covid-19)
- 2019 Northwestern University Child Care Grant (\$5,000)
- 2019 Northwestern University Graduate School Conference Travel Grant (\$800), to present at the Southern Demographic Association annual meeting, New Orleans, LA
- 2019 Northwestern University Child Care Grant (\$833)
- 2018 Departmental Research Funds (\$395), for the purchase of Stata 15
- 2017 Departmental Travel Grant (\$795), to present at the American Sociological Association annual meeting, Montreal, QC
- 2017 MacArthur Summer Research Grant (\$1,250), "Corporate Social Responsibility and Taxes."
- 2017 Tobin Prospectus Development Workshop (\$500), Cambridge, MA, June
- 2017 Northwestern University Graduate School Conference Travel Grant (\$1050), to present at the Eastern Sociological Society annual meeting, Philadelphia, PA
- 2016 Clifford C. Clogg Scholarship (\$2,500), to attend the Inter-University Consortium for Political and Social Research Summer Program, Ann Arbor, MI
- 2011-2013 Chancellor's Distinguished Fellowship, Sociology Department, University of California-Riverside
- 2010 Fulbright Grant, International Institute for Education, for English instruction in La Rioja, Argentina

### **PRESENTATIONS**

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- 2020 Owen, Andrew L. "The Fracking Boom, Labor Structure, and Adolescent Fertility in the Upper Great Plains" ASA Regular Session on Fertility. August.

- 2019 Owen, Andrew L. "Fertility Patterns and the Fracking Boom of the Upper Great Plains" Southern Demographic Association. New Orleans, LA. October.
- 2019 Mahoney, James and Andrew L. Owen. "Set-Theoretic Methods and Data Interpretation: The Case of Necessary and Sufficient Conditions." American Political Science Association Annual Meeting. Washington, DC. August.
- 2019 Carruthers, Bruce G., Brayden King, and Andrew L. Owen. "Do Socially Responsible Firms Pay Taxes? CSR and Effective Tax Rates." American Sociological Association Annual Meeting. August.
- 2019 Owen, Andrew L. "Sex Ratios and The Causal Effect of the Fracking Boom on Crime: Natural Experimental Findings from North Dakota." Economic Sociology Summer Workshop. Columbia University. New York, NY. June.
- 2019 Owen, Andrew L. "Does Fracking Cause Crime? Evidence from North Dakota." Applied Quantitative Methods Workshop. Northwestern University. May.
- 2019 Owen, Andrew L. "Does Fracking Cause Crime? Evidence from North Dakota." Invited presentation at the University of Alabama-Birmingham, joint with departments of Sociology and Government. April.
- 2018 Carruthers, Bruce G., Brayden King, and Andrew L. Owen. "Corporate Social Responsibility and Tax Avoidance." Northwestern University Applied Quantitative Methods Workshop. January.
- 2017 Owen, Andrew L. "Power, State-Making, and Social Revolution in the Works of W.E.B. Du Bois." American Sociological Association Annual Meeting, Political Sociology roundtable session. Montreal, QC. August.
- 2017 Owen, Andrew L. "Language and Institutional Change in Contemporary Financial Markets." Eastern Sociological Society Annual Meeting. Philadelphia, PA. February.
- 2013 Owen, Andrew L. "Unearthing Natural Resources' Impact on Income Inequality." UC Riverside, Department of Sociology Colloquium Series: Graduate Research Symposium. UC Riverside, CA, March.
- 2012 Alexis Alvarez, Christian Jaworski, Andrew L. Owen, and Christopher Chase-Dunn. "Sources of support and resistance to democratic global governance." California Sociological Association, Riverside, CA, November.
- 2012 Juliann Allison, Alexis Alvarez, Katja Guenther, Christian Jaworski, Linda Kim, Andrew L. Owen, Preeta Saxeena, and Ellen Reese. "Feminist Politics and the World

Social Forum: The Role of Gender & Religion at the Nairobi Forum." California Sociological Association, Riverside, CA, November.

- 2012 Alexis Alvarez, Andrew L. Owen, and Christopher Chase-Dunn. "Waves of political globalization and sources of support and resistance to democratic global governance." Santa Barbara Global Studies Conference, Santa Barbara, CA, February.
- 2010 Owen, Andrew L. and Monica Morales-Diaz. "Differences in U.S. and Argentine Approaches to Secondary Education." Primera Jornada de Lenguas Modernas, La Rioja, Argentina, November.
- 2010 Owen, Andrew L. and Monica Morales-Diaz. "Working with a Teaching Assistant in the Classroom." Primera Jornada de Lenguas Modernas, La Rioja, Argentina, November.

### **PROFESSIONAL POSITIONS**

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| 2017-2018 | Teaching Assistant, Department of Sociology, Northwestern University  |
| 2016-2017 | Graduate Research Assistant for Dr. Christine Percheski, Institute for Policy Research, Northwestern University |
| 2014-2016 | Teaching Assistant, Department of Sociology, Northwestern University  |
| 2014      | Research Associate, Assessment Center, School for New Learning, DePaul University                               |
| 2014      | Adjunct Faculty, Department of Sociology, Lewis University, Spring Semester                                     |
| 2012-2013 | Teaching Assistant, Department of Sociology, University of California, Riverside                                |

### **TEACHING EXPERIENCE**

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#### **Instructor**

- 2018-2019 Introduction to Social Science Statistics, Northeastern Illinois University (Adjunct)
- 2017 Introduction to Data Management and Stata (One-day workshop), Institute for Policy Research, Northwestern University
- 2014 Cultural Diversity and Intergroup Relations, Lewis University, Spring (Adjunct)

#### **Teaching Assistant**

- 2020 Demographic Methods (Graduate course), Northwestern University, Spring
- 2019 Regression Analysis (Graduate course), Northwestern University, Winter
- 2018 Regression Analysis (Graduate course), Northwestern University, Winter
- 2017 Introduction to Probability and Statistical Programming (Graduate course), Northwestern University, Fall
- 2017 Summer Graduate Bootcamp on Math, Probability Theory, and Statistical Programming, Northwestern University

2016 Analysis of Social Data, Northwestern University, Spring  
2016 Economy and Society, Northwestern University, Winter  
2015 Health and Society, Northwestern University, Fall  
2014 Introduction to Sociology, Northwestern University, Fall  
2013 Statistical Analysis, University of California-Riverside, Spring  
2013 Formal Organizations, University of California-Riverside, Winter  
2012 Sociological Methods, University of California-Riverside, Fall

### **PROFESSIONAL SERVICE**

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2017-2018 Graduate Admissions Committee, Northwestern University  
2016-2017 Coordinator. Applied Quantitative Methods Workshop, Northwestern University, Department of Sociology & Department of Political Science  
2016 Volunteer copy-editor. *Journal of World-Systems Research*  
2015 Student review contributor. *Contemporary Sociology*

### **LANGUAGES**

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Spanish, Advanced Intermediate  
(Intermediate on the Argentine Certificate of Language and Use)

### **PROFESSIONAL MEMBERSHIP**

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American Sociological Association  
ASA Environment and Technology section  
ASA Methodology section  
ASA Political Sociology section  
ASA Economic Sociology section  
ASA Political Economy of the World System section  
Southern Demographic Association  
Population Association of America