

## NATHAN SELTZER

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### ACADEMIC APPOINTMENTS

#### **National Institute on Aging T32 Postdoctoral Scholar**

University of California, Berkeley

Department of Demography

(Starting April 2020)

### EDUCATION

#### **Ph.D., Sociology**

University of Wisconsin-Madison, April 2020 (expected)

*Dissertation:* The Population Effects of U.S. Deindustrialization

*Committee:* Jenna Nobles (Chair), Myra Marx Ferree, Christine Schwartz,  
Rourke O'Brien (Yale), Jim Raymo (Princeton)

#### **M.A., Applied Quantitative Research**

New York University, September 2014

#### **B.A., Sociology and French, Minor in Urban Studies**

Tulane University, May 2011

### RESEARCH AREAS

Labor Market Inequality, Social Stratification, Health Disparities, Demography, Computational Methods

### PUBLICATIONS

#### ***Peer-Reviewed Articles***

O'Brien, Rourke, Tiffany Neman, **Nathan Seltzer**, Linnea Evans, and Atheendar Venkataramani. 2020. "Structural Racism, Economic Opportunity, and Racial Health Disparities: Evidence from U.S. Counties." *SSM – Population Health*, 11: 1-6. [[Article](#)]

**Seltzer, Nathan**. 2019. "Beyond the Great Recession: Labor Market Polarization and Ongoing Fertility Decline in the United States." *Demography*, 56(4): 1463-1493. [[Article](#)][[Pre-Print](#)]

- Winner of 2017 [IPUMS-USA Research Award](#) for Best Work by a Graduate Student

**Seltzer, Nathan** and Jenna Nobles. 2017. "Post-Disaster Fertility: Hurricane Katrina and the Changing Racial Composition of New Orleans." *Population and Environment*, 38(4): 465-490. [[Article](#)][[Pre-Print](#)]

- Press: [Washington Post](#)

Brook, Judith, Chenshu Zhang, **Nathan Seltzer**, and David Brook. 2015. "Insomnia in Adults: The Impact of Earlier Cigarette Smoking from Adolescence to Adulthood." *Journal of Addiction Medicine*, 9(1): 40-45.

Brook, Judith, David Brook, Chenshu Zhang, **Nathan Seltzer**, and Stephen Finch. 2013. "Adolescent ADHD and Adult Physical and Mental Health, Work Performance, and Financial Stress." *Pediatrics*, 131(1): 5-13.

Brook, Judith, Jung Yeon Lee, Stephen J. Finch, David W. Brook, and **Nathan Seltzer**. 2013. "Adult Work Commitment, Financial Stability, and Social Environment as Related to Marijuana Trajectories Beginning in Adolescence." *Substance Abuse*, 34(3):298-305

Brook, Judith, Jung Yeon Lee, Elizabeth Rubenstone, Stephen J. Finch, **Nathan Seltzer**, and David Brook. 2013. "Longitudinal Determinants of Substance Use Behaviors." *Journal of Urban Health*, 90(6): 1130-1150.

Brook, Judith, Chenshu Zhang, Elinor Balka, **Nathan Seltzer**, and David W. Brook. 2013. "Personality Characteristics in the Mid-Forties Predict Women's Smoking Cessation in their Mid-Sixties." *Psychological Reports*, 113(3): 921-929.

*Manuscripts Under Review* (available upon request)

**Seltzer, Nathan**. "The Economic Underpinnings of the Drug Epidemic." [[Working Paper - SocArXiv](#)]

Wrigley-Field, Elizabeth and **Nathan Seltzer**. "Unequally Insecure: Rising Black/White Disparities in Job Displacement, 1981-2017." [[Working Paper – Washington Center for Equitable Growth](#)]

*Working Papers* (available upon request)

**Seltzer, Nathan**. "Cohort-Specific Experiences of Industrial Decline and Intergenerational Income Mobility."

Nobles, Jenna and **Nathan Seltzer**. "Finding and Characterizing the Displaced: A Method Using Administrative Data."

**Seltzer, Nathan**. "Less Trust, Moore Verification: Determining the Accuracy of Third-Party Data through an Innovative Use of Attention Checks." [[Working Paper - SocArXiv](#)]

Carlson, Marcia J., Frank Furstenberg, Sara McLanahan, **Nathan Seltzer**, and Alicia VanOrman. "Multipartnered Fertility and Children's Behavioral Outcomes Among Urban U.S. Families"

*Manuscripts in Preparation*

**Seltzer, Nathan**, Tiffany Neman, and Rourke O'Brien. "Economic Opportunity, Unemployment and Disability: Evidence from the Great Recession."

*Public Sociology*

**Seltzer, Nathan**. "Less Trust, Moore Verification: Attention Checks Reveal Errors in Alabama Poll Data". Guest Blog Post. Scatterplot, 12/8/2017. <https://scatter.wordpress.com/2017/12/08/less-trust-moore-verification-attention-checks-reveal-errors-in-poll-data/>

AWARDS, GRANTS,  
and FELLOWSHIPS

2019-2020	<b>NIA Ruth L. Kirschstein National Research Service Award</b> , National Institute on Aging Predoctoral Traineeship
2019-2020	<b>University Fellowship</b> , "Awarded by the Graduate School to a few outstanding entering students and dissertators," University of Wisconsin-Madison
2018-2020 2018	<b>Robert M. and Taissa S. Hauser Research Scholar Award</b> , UW-Madison Sociology Department <b>IPUMS Research Award</b> , for "Beyond the Great Recession: Labor Market Polarization and Ongoing Fertility Decline in the United States"
2017-2018	<b>NICHD Ruth L. Kirschstein National Research Service Award</b> , National Institute of Child Health and Human Development Predoctoral Traineeship
2017-2018	<b>SSA/NBER Research Grant</b> , Determinants of Life Expectancy by Income and Geography, Social Security Administration and National Bureau of Economic Research
2015-2016	<b>University Fellowship</b> , "Awarded by the Graduate School to a few outstanding entering students and dissertators," University of Wisconsin-Madison

## AFFILIATIONS

2016 – Present  
2015 – Present

**Graduate Research Fellow**, Institute for Research on Poverty, University of Wisconsin-Madison  
**Predoctoral Trainee/Affiliate**, Center for Demography and Ecology, University of Wisconsin-Madison

## PRESENTATIONS

Apr. 2020. **Nathan Seltzer**. “Cohort-Specific Experiences of Industrial Decline and Intergenerational Income Mobility.” Population Association of America Annual Conference, Washington, DC. Oral Session.\* (Cancelled due to COVID-19)

Apr. 2020. **Seltzer, Nathan**, Tiffany Neman, and Rourke O’Brien. “Economic Opportunity, Unemployment and Disability: Evidence from the Great Recession.” Population Association of America Annual Conference, Washington, DC. Oral Session – Flash Talk.\* (Cancelled due to COVID-19)

Dec. 2019. **Seltzer, Nathan**. “The Economic Underpinnings of the Drug Epidemic.” The 20<sup>th</sup> Anniversary Symposium of the Center for Demography of Health & Aging, University of Wisconsin-Madison. Oral Session – Flash Talk.

Aug. 2019. **Nathan Seltzer**. “The Role of Manufacturing Decline in Drug Overdose Deaths in the US.” American Sociological Association Annual Conference, New York, NY. Roundtable Presentation.

Apr. 2019. Wrigley-Field, Elizabeth and **Nathan Seltzer**. “Rising Black/White Disparities in Job Displacement, 1979-2015.” Population Association of America Annual Conference, Austin, TX. Oral Session. Presenting Author.

Apr. 2019. O’Brien, Rourke, Tiffany Neman, **Nathan Seltzer**, and Atheendar Venkataramani. “Economic Opportunity and Race-Sex Specific Mortality: Evidence From U.S. Localities.” Population Association of America Annual Conference, Austin, TX. Oral Session.

Apr. 2019. Nobles, Jenna and **Nathan Seltzer**. “Finding and Characterizing the Displaced: A Method Using Administrative Data.” Population Association of America Annual Conference, Austin, TX. Oral Session.

Aug. 2018. **Seltzer, Nathan**. “Less Trust, Moore Verification: Determining the Accuracy of Third-party Data through an Innovative Use of Attention Checks.” American Sociological Association Annual Meeting, Philadelphia, PA. Oral Session.

Apr. 2018. **Seltzer, Nathan**. “The Mortality Implications of Disappearing Middle Class Jobs.” Population Association of America Annual Conference, Denver, CO. Oral Session.

Apr. 2018. **Seltzer, Nathan**. “The Mortality Implications of Disappearing Middle Class Jobs.” National Bureau of Economic Research Retirement Research Center Conference on the Determinants of Life Expectancy by Income and Geography: Implications for Social Security. Cambridge, MA. Paper Presentation.

Apr. 2017. **Seltzer, Nathan**. “Differences in Fertility Behavior Across Race and Ethnicity in Metropolitan Areas during the Great Recession.” Population Association of America Annual Conference, Chicago, IL. Oral Session.

Apr. 2017. Marcia J. Carlson, Frank Furstenberg, Sara McLanahan, **Nathan Seltzer** and Alicia VanOrman. “Multipartnered Fertility and Children's Behavioral Outcomes Among Urban U.S. Families.” Population Association of America Annual Conference, Washington, DC. Oral Session.

Oct. 2016. **Seltzer, Nathan.** “Consequences of Adolescent Family Structure on Voter Participation in Adulthood.” Wisconsin Sociological Association Conference, Madison, WI. Oral Session.

Mar. 2016. **Seltzer, Nathan.** “The Effect of Parental Divorce in Adolescence on Voter Participation in Adulthood.” Population Association of America Annual Conference, Washington, DC. Poster Session.

## SERVICE

### *Professional*

2017 – Present

**Scribe**, Executive Board of the General Social Survey

2017 – 2019

**Graduate Student Representative**, Population Section of the American Sociological Association, elected position

### *Departmental*

2018 – present

**Technology and Communications Officer**, UW-Madison Sociology Graduate Student Association

2016 – 2018

**Faculty and Association Relations Officer**, UW-Madison Sociology Graduate Student Association

2015 – 2016

**Cohort Representative**, UW-Madison Sociology Graduate Student Association

2015 – 2017

**Curriculum Committee Member**, UW-Madison Sociology Department

Reviewer (ad-hoc)

*American Sociological Review, Demography, Journal of Marriage and Family, Population and Environment, Social Science Research*

## PROFESSIONAL MEMBERSHIPS

American Sociological Association

Section Memberships: *Economic Sociology; Inequality, Poverty, and Mobility;*

*Organizations, Occupations, and Work; Sociology of Population*

Population Association of American

## SKILLS

Advanced Proficiency:

R, STATA, SQL, Tableau, Markdown, Qualtrics

Familiarity:

Python (NumPy, Scikit-Learn, Pandas), LaTeX, NetLogo, ArcGIS, Atlas.ti, Adobe Creative Suite

Languages:

French (conversational fluency)

## WORKSHOPS

July 2017

Spatial Econometrics Workshop. ICPSR, Ann Arbor, MI. Fully funded by SSA/NBER Research Grant.

## TEACHING EXPERIENCE

Fall 2018

**Teaching Assistant**

*Population Problems, SOC 170, Monica Grant, University of Wisconsin-Madison, Department of Sociology*

## RESEARCH EXPERIENCE

1/2019 – 8/2019

**Research Assistant**

*Rourke O'Brien, University of Wisconsin-Madison, La Follette School of Public Affairs*

6/2016 – 6/2017

**Research Assistant**

*Mary Carlson, University of Wisconsin-Madison, Department of Sociology*

5/2015 – Present

**Freelance Data/Statistical Consultant**

8/2014 – 7/2015

**Data Modeling Analyst**

*New York University, Department of Institutional Research*

1/2014 – 8/2014      **Quantitative Data Analysis Student Consultant**

*New York University, Data Services*

9/2011 – 8/2013      **Research Assistant**

*New York University School of Medicine, Behavioral Science and Substance Use Research Group*

Spring 2011          **Research Assistant**

*Diane Grams, PhD, Assistant Professor of Sociology, Tulane University*

#### EDITORIAL EXPERIENCE

4/2008 – 5/2011      **Editor-in-Chief**

*The Tulane Review, Tulane University, New Orleans, Louisiana*

Revised: March 17, 2020