

## **Bryce Bartlett**

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## **EDUCATION**

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*In Progress*, Ph.D., Sociology, Duke University

Vorsanger-Smith Scholar, 2017-2018

*Qualification Areas*: Statistical and Demographic Methods; Medical Sociology

*Dissertation Title*: Well-Being in the Context of Changing Social Landscapes

2015 M.A., Sociology, Duke University

2005 J.D., Washington University School of Law (top 5%; law review)

2002 B.A., English, Brigham Young University

## **PUBLICATIONS**

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Note: \* indicates graduate student or postdoc co-author.

Copeland, Molly\*, Bryce Bartlett, and Jacob C. Fisher\*. 2017. "Dynamic Associations of Network Isolation and Smoking Behavior." *Network Science* 1–21.

Collin Mueller\* and Bryce Bartlett, "Heterogeneity in U.S. Immigration Policy Regimes and Mexican American Functional Limitation Trajectories," *Journals of Gerontology, Series b* (Forthcoming).

Heather Greenhalgh-Spencer\* and Bryce Bartlett (2010). "Ethical Breach and the Schizophrenic Process: Theorizing the Judge and the Teacher," *Journal of Education Controversy*, 5(2).

### *Under Review & Working Papers*

Bryce Bartlett, Collin Mueller\*, and Raphaël Charron-Chénier\*, "Budgetary Consequences of High Healthcare Spending Across the Life Course."

Bryce Bartlett, "New Ways to Die in the Age of Biomedicalization: How Alternative Causal Models from Multiple Cause of Death Records Show Social Stratification across Race, Gender and Age."

Bryce Bartlett, "Coevolution of Medical Malpractice Claims and Mortality Due to Complications from Medical Care."

Bryce Bartlett, "Long Term Benefit or Scar: How Experience with Recessions in Young Adulthood Impacts Subjective Well-Being."

Bryce Bartlett and Cyrus Schleifer, “Projecting Religious Switching in America: A Bayesian Cohort Component Method.”

Scott Lynch and Bryce Bartlett, “Appropriate Confidence Intervals for ‘Eyeballing’ Statistically Significant Differences Between Groups.”

## **EXPERIENCE**

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May, 2017– Present

Biodemography of Aging Research Unit  
*Graduate Student Researcher*

- Design and perform statistical analyses for longitudinal and population-based studies that consider individual variability in genes, environment, and lifestyle, with a focus on subjective well-being and depression.
- Analyze data in secure and remote computing environments on UNIX/Linux server, using R, SAS, Stata, and Python.
- Present research findings in formal and informal settings.
- Write research summaries, reports, and articles for publication.

March, 2017– August, 2017

Information Initiative at Duke, Duke University  
*Project Manager*

- Consulting for Durham Police Crisis Intervention Team regarding mental health, including police incident reports and 911 call reports.
- Supervise team of 3 Duke Students in analyzing structured and unstructured data; classification; and predictive modelling.
- Provide instruction on presentation of technical results to non-technical audiences.
- Project Website: <http://bigdata.duke.edu/projects/mental-health-interventions-durham-police>.

July, 2016–August, 2016

Duke University Arts and Sciences  
*Instructor (Introduction to Sociology)*

- Independently prepare full course introducing social science methods and theory to students.
- Present on topics ranging from health and illness, to business, to statistical analysis and critical thinking.
- Evaluate written performance, knowledge, and presentation skills.
- Course Quality: 4.67 out of 5; Instructor Quality: 4.90 out of 5.

January, 2013– May, 2013

Duke University Arts and Sciences  
*Teaching Assistant (for George Grody)*

- Independently prepare requirements for discussion section for students in Markets and Management Capstone (a business simulation course; 2 sections of 20 each).
- Evaluate team performance and decision-making for business simulation.
- Instruct teams on strategic data analysis.

September, 2005 – August, 2012

Husch Blackwell LLP  
*Associate Attorney (Healthcare, Tort, and IP)*

- Prepare and conduct semi-structured interviews of fact witnesses. Prepare and give presentations in court, business settings, and professional meetings.
- Analyze, critique, and cross-examine expert opinions of Medical Doctors and Economists.
- Hire expert economists and supervise preparation of present-value reports.
- Assist as second chair in the management of cases with budgets over \$1 mil. Manage cases with budgets of \$25k independently, and negotiate independently with \$25k in settlement authority.

- Manage teams of 5 attorneys and paralegals in preparing presentations and written work product.

## **TECHNICAL SKILLS**

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**Methods:** ordinary least squares (OLS) regression, multiple regression, multivariate outcomes, logistic and probit models, factor analysis, survival, time series, hierarchical linear modelling (HLM) / mixed models, mixture modelling, structural equation models (SEM), factor analysis, networks, demographic methods, data visualization, Bayesian estimation, handling complex survey data, handling missing and messy data

**Software:** R, Stata, Python (scipy, numpy, pandas), SAS, Mplus, Stan, WinBUGS, SQL, LaTeX

## **GRANTS/AWARDS**

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2017-2018 Fellow, Program for Advanced Research in the Social Sciences  
(Duke Social Science Research Institute)

2017-2018 Vorsanger-Smith Scholar (honorarium)

2013-2017 Demography of Aging T32 Pre-Doctoral Traineeship (5T32AG000139-27)

2016 Population Association of America, Best Poster Award

2014 Second Place ASA Datathon “Big Cities, Big Data” (cash prize)

2012 Duke Sociology Department Fellowship

2005 Breckenridge Book Award – Research and Writing

2005 Charles Wendell Carnahan Award – Conflicts of Law

2005 Order of the Coif

2005 Honor Scholar Award

2003 Honor Scholar Award

## **SELECTED PRESENTATIONS**

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2017 “U.S. Immigration Policy Regimes and Physical Disability Trajectories among Mexico-U.S. Immigrants,” Demography Daze at University of North Carolina, Carolina Population Center, May 10, 2017.

“Cross-Influence of Paid Medical Malpractice Claims and Mortality Due to Complications from Medical Care” Conference on Empirical Legal Studies, Population Association of America Annual Meeting, April 27, 2017.

“Inoculation or Scar: How Experience with Recessions in Young Adulthood Impacts Subjective Well-Being,” Population Association of America Annual Meeting, April 28, 2017.

2016 “Cohort Emergence: Health Impacts of Differential Exposure to Historical Conditions at Critical Periods.” Duke Population and Research Institute, December 1, 2016.

“Coevolution of Medical Malpractice Claims and Mortality Due to Complications from Medical Care.” Conference on Empirical Legal Studies, November 18, 2016.

- “New Ways to Die in the Age of Biomedicalization: Changes in Cause of Death Classification and the Medicalization of Aging.” Center for the Study of Aging and Human Development Research and Education Retreat, September 30, 2016 (poster).
- “Projecting Religious Switching in America: An Increment-Decrement Life Table Approach.” Population Association of America, March 31, 2016 (poster award).
- 2015 “Heterogeneity in Aging and Health Trajectories among Mexico-Origin U.S. Immigrants.” Gerontological Society of America (paper session), November 19, 2015.
- “Recessive Periods, Job Insecurity, and Psychological Well-Being.” Trainee Development Lunch Workshop at Duke Population Research Institute, October 1, 2015.
- “Budgetary Consequences of High Healthcare Spending Across the Life Course.” American Sociological Association (paper session), August 23, 2015.
- “New Ways to Die in the Age of Biomedicalization: Changes in Cause of Death Classification Rules.” American Sociological Association (paper session), August 22, 2015.
- 2014 “Heterogeneity in Aging and Health Trajectories among Mexico-Origin U.S. Immigrants.” ASA Roundtable, August 18, 2014.
- “San Francisco Neighborhoods,” for ASA Datathon: “Big Cities, Big Data,” August 16, 2014.
- “Observing Medicalization in Cause of Death Reporting,” Southern Sociological Society, April 4, 2014.
- 2013 “Depressive Symptoms, Aspirations, and Expectations,” Jensen Lecture Series: Duke University, April 19, 2013.
- “Religion and Communitarian Attitudes in Pakistan and Iraq,” Duke University Sociology Department, April 17, 2013.

## **PROFESSIONAL SERVICE**

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2016-2017 Graduate Studies Committee, Grad Student Representative  
 2014-2015 Graduate Student Forum Co-chair  
 2015 Organizing Committee for Gender and Academia Workshops  
 2003-2005 Staff Editor/Reviewer, *Washington University Law Quarterly*

## **PROFESSIONAL MEMBERSHIPS**

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American Sociological Association  
Population Association of America  
Society for Empirical Legal Studies  
Gerontological Society of America

## **COURT ADMISSIONS**

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Missouri (Inactive); Illinois (Inactive); U.S. District Court for the Eastern District of Missouri (Inactive); U.S. Court of Appeals for the Eighth Circuit (Inactive); U.S. District Court for the Southern District of Illinois (Inactive)