

# Noli Bernard Brazil

University of Southern California  
3616 Trousdale Parkway - Los Angeles, CA 90089 - (707) 592-9414  
nbrazil@usc.edu

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## EDUCATION

University of California, Berkeley Ph.D. Demography	2008 - 2013
California State University, San Francisco Graduate Certificate, Geographic Information Systems	2010 - 2013
Stanford University Master of Science, Statistics	2005 - 2007
University of California, Berkeley Bachelor of Science, Business Administration	1999 - 2003

## POSITIONS HELD

Spatial Sciences Institute University of Southern California, Los Angeles, CA Postdoctoral Scholar	2015-Present
Center for Research on Inequalities and the Life Course Yale University, New Haven, CT Postdoctoral Associate	2013-2015

## RESEARCH INTERESTS

Neighborhood Inequality, Spatial Demography, Residential Mobility, Hispanic Migration, Sociology of Education, Quantitative Methods

## PUBLICATIONS

### REFEREED JOURNAL ARTICLES

Brazil, N. "The Effects of Social Context on Youth Outcomes: Studying Neighborhoods and Schools Simultaneously." <i>Teachers College Record</i> .	Forthcoming
Brazil, N. & Kirk, D. "Uber and Metropolitan Traffic Fatalities in the United States." <i>American Journal of Epidemiology</i> .	Forthcoming
Davis, J. & Brazil, N. (2016) "Decoupling Parental Absences from Remittances in Economic Migration: The Case of Educational Attainment in Guatemala." <i>International Journal of Educational Development</i> , 50, 1-11.	2016
Brazil, N. (2016) "Large-Scale Urban Riots and Racial Segregation: A Case Study of the 1960s Riots." <i>Demography</i> , 53(2), 567-595.	2016
Davis, J. & Brazil, N. (2016) "Migration, Remittances and Nutrition Outcomes of Left-Behind Children: A National-Level Quantitative Assessment of Guatemala." <i>PLoS ONE</i> , 11(3): e0152089.	2016
Vega, A. & Brazil, N. (2015) "A Multistate Life Table Approach to Understanding Return and Reentry Migration between Mexico and the United States During Later Life." <i>Demographic Research</i> , 33(43), 1211-1240.	2015

Brazil, N. (2015). "Spatial Variation in Mortality Rates in New and Established Hispanic U.S. Destinations." *Population Space and Place*, doi: 10.1002/psp.1968. 2015

Munnich, E., Ranney, M., Nelson, J., Garcia de Osuna, J., Brazil, N. (2003) "Policy Shift Through Numerically-Driven Inferencing: An EPIC Experiment About When Base Rates Matter." In R. Alterman & D. Kirsh (Eds.), *Proceedings of the Twenty-Fifth Annual Conference of the Cognitive Science Society* (pp. 834-839). Mahwah, NJ: Erlbaum 2003

#### BOOK CHAPTERS

Brazil, N. (2016). "Using Place-and Person-Based Interventions to Measure Neighborhood Effects." In *Recapturing Space: New Middle-Range Theory in Spatial Demography*, eds. Frank M. Howell, Jeremy R. Porter, and Stephen A. Matthews. Dordrecht: Springer. 2016

#### UNDER REVIEW

"Schools as Neighborhood Institutions: The Importance of School Satisfaction in Explaining Adolescent Neighborhood Satisfaction." *City & Community* R & R

"Residential Mobility and Dynamic Neighborhood Change During the Transition to Adulthood" (with William A.V. Clark).

"Neighborhood Networks, Structural Embeddedness, and Violent Crime in Chicago" (with Sara Bastomski and Andrew Papachristos).

"Spatial Inequality in Degree Attainment During US Educational Expansion"

"The Effects of Public School Closures on Neighborhood Quality"

#### IN PREPARATION

"Closing Chicago's Crime Gap: Understanding The Unequal Distribution of Violence Crime and Homicide" (with Andrew Papachristos and Tony Cheng).

"Social Comparison Goes to College: Mental Well-Being and Peer Ability Change across the Postsecondary Transition" (with Matthew Andersson).

"The Correlation Between School and Neighborhood Characteristics and its Effects on Multilevel Model Parameters"

#### SELECTED RESEARCH REPORTS

Williams, T., Hakuta, K., Haertel, E., et al. (2007). *Similar English Learner Students, Different Results: Why Do Some Schools Do Better?* Mountain View, CA: EdSource. 2007  
Available at <https://www.edsource.org/pdf/SimELreportcomplete.pdf>.

*California's Charter Schools: How Are They Performing?* (2006) Mountain View, CA: EdSource 2006  
(with Brian Edwards and Eric Crane)

Williams, T., Kirst, M., Haertel, E., et al. (2005). *Similar Students, Different Results: Why Do Some Schools Do Better? A large-scale survey of California elementary schools serving low income students.* Mountain View, CA: EdSource 2005

*Spotlight on California High School Performance* (2005). Mountain View, CA: EdSource 2005  
(with Susan Frey, Mary Perry, and Isabel Oregon)

How Are California's Charter Schools Performing? (2005) Mountain View, CA: EdSource 2005  
(with Brian Edwards and Eric Crane)

### **TEACHING EXPERIENCE**

Social Sciences Data Laboratory, UC Berkeley, Berkeley, CA 2013  
Instructor: Introduction to Stata (Workshop)  
Instructor: Introduction to Regression using Stata (Workshop)  
Instructor: Introduction to Regression using R (Workshop)  
Instructor: Spatial Statistics (Workshop)

Dept. of Economics, UC Berkeley, Berkeley, CA Spring 2013  
Reader: Economic Demography (Undergraduate)

Dept. of Sociology, UC Berkeley, Berkeley, CA Fall 2010  
Graduate Student Instructor: Intermediate Quantitative Analysis (Graduate)

Dept. of Statistics, UC Berkeley, Berkeley, CA Spring 2010  
Graduate Student Instructor: Experimental Design and Sampling Surveys (Undergraduate)

Dept. of Demography, UC Berkeley, Berkeley, CA Fall 2009  
Graduate Student Instructor: Demographic Methods (Undergraduate)

Project Read, Redwood City, CA 2006-2008  
Math and Statistics Tutor

### **WORK EXPERIENCE**

Family and Children Services, San Mateo, CA 2009 - 2015  
Statistical Consultant

United Nations Children's Fund (UNICEF), New York, NY 2011-2013  
Research Consultant

Urban Analytics, San Francisco, CA 2011  
Simulation Demographer

Institute for Research on Education Policy & Practice, Stanford, CA 2007 - 2008  
Data Analyst

EdSource, Mountain View, CA 2003 - 2007  
Research Analyst

School of Medicine, Stanford University, Stanford, CA 2007  
Research Assistant to Professor Elizabeth Mellins

Dept. of Cognitive Science, UC Berkeley, Berkeley, CA 2002 - 2003  
Research Assistant to Professor Michael Ranney

### **AWARDS AND FELLOWSHIPS**

Dean's Normative Time Fellowship, UC Berkeley 2011-2012

Graduate Division Summer Research Grant, UC Berkeley 2011

Outstanding Graduate Student Instructor Award, UC Berkeley 2011

Advanced Spatial Analysis Workshop Travel Award, UC Santa Barbara 2009

National Institute of Child Health and Human Development Fellowship 2008-2009

Undergraduate Research Apprentice Program Summer Fellowship, UC Berkeley 2003

## **CONFERENCE PARTICIPATION AND INVITED TALKS**

- “Poverty Clusters and Affluent Enclaves: A Spatio-Temporal Approach to Understanding Poverty and Affluence Concentration in U.S. Metropolitan Areas” 2016  
Association of American Geographers conference
- “Life Course Events, Residential Mobility, and Neighborhood Change”  
Population Association of America conference 2015  
Yale University CIQLE Workshop 2014
- “Large-Scale Urban Riots and Residential Segregation”  
Saint Louis University 2015  
University of Southern California, Spatial Sciences Institute  
Social Science History Association conference 2014
- “Decoupling Parental Absences from Remittances in Economic Migration: The Case of Educational Attainment in Guatemala” 2014  
Population Association of America conference
- “Migration, Remittances and Nutrition Outcomes of Left-Behind Children: A National-Level Quantitative Assessment of Guatemala” 2014  
Population Association of America conference
- “A Comparison of UN and IHME Maternal Mortality Estimates” 2013  
Population Association of America conference
- “Using Riot Shocks to Estimate the Consequences of Lower Neighborhood Quality on Adolescent Dropout Rates” 2013  
Yale University CIQLE Workshop  
UC Berkeley Demography Department Seminar  
Population Association of America conference
- “Understanding Differences Between Person and Place Based Neighborhood Interventions through Direct and Indirect Effects“ 2013  
International Union for the Scientific Study of Population conference
- ”Relative Cohort Size and Student Achievement: A Test of Easterlin’s Hypothesis“ 2012  
American Sociological Association conference
- ”Modeling Student Pathways in K-16 Public Schooling Using Life-Table Theory“ 2011  
American Educational Research Association conference
- ”Exploring Variations in the Ethnic Compositions of Public Schools and the Neighborhoods They Reside In“ 2011  
Population Association of America conference

## **ADDITIONAL TRAINING**

- University of California, Santa Barbara 2009  
Advanced Spatial Analysis Workshop - Regression Modeling

## **PROFESSIONAL SERVICE**

- Panelist: Applying for Postdocs in the Humanities and Social Sciences 2015  
Yale University
- Session Chair: ”Residential Segregation Outside the United States“ 2011  
Population Association of America conference
- Membership: Population Association of America, American Sociological Association, Association of American Geographers, Social Science History Association

## **PROGRAMMING EXPERIENCE**

Statistics/Math Packages: R, SPSS, Stata, Matlab, SAS

Scripting Language: Python (elementary)

Other Programming Skills: JAVA, HTML, MS-Office, Latex, UNIX, ArcGIS, GeoDa, QGIS