

# Noli Bernard Brazil

University of California, Davis  
2325 Hart Hall, 1 Shields Ave. - Davis, CA - (530) 752-0754  
nbrazil@ucdavis.edu  
<https://nbrazil.faculty.ucdavis.edu/>

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## EDUCATION

University of California, Berkeley Ph.D. Demography	2013
Stanford University Master of Science, Statistics	2007
University of California, Berkeley Bachelor of Science, Business Administration	2003

## POSITIONS HELD

Associate Professor	2023-
Assistant Professor	2017-2023
Department of Human Ecology, Community & Regional Development University of California, Davis	
Faculty Affiliate, Center for Poverty & Inequality Research	
Faculty Affiliate, Center for Regional Change	
Faculty Affiliate, University of California, Berkeley Population Center	
Graduate Group Affiliate: Community Development, Geography, Public Health, Sociology	
Postdoctoral Scholar	2015-2017
Spatial Sciences Institute University of Southern California	
Postdoctoral Associate	2013-2015
Center for Research on Inequalities and the Life Course Yale University	

## RESEARCH & TEACHING AREAS

Neighborhood Inequality, Migration, Residential Mobility, Spatial Demography, Urban Data Analytics

## PUBLICATIONS

*\*graduate student co-author \*\*undergraduate student co-author*

### PEER-REVIEWED JOURNAL ARTICLES

Wagner, Jenny, Noli Brazil, Shani Buggs & Michelle Ko. Relationships Between Historical Redlining, Contemporary Housing Market Dynamics, Racial Composition, and Mental Health in US Urban Neighborhoods: A Conditional Process Analysis. <i>Social Science &amp; Medicine</i> , 118180.	2025
Brazil, Noli & Jennifer Candipan. Millennials as a Demographic Bridge to Diversity? Segregation and Diversity of Young Adult Neighborhoods. <i>Population Research and Policy Review</i> , 44(3), 1-43.	2025
Brazil, Noli. Beyond residential and extra-local spaces: Gun violence exposure in urban neighbourhood mobility networks. <i>Urban Studies</i> , 00420980251325142.	2025

Brazil, Noli, Jennifer Candipan, Brian Levy & Thalia Tom*. Beyond the residential neighborhood: A scoping review of research on urban neighborhood networks. <i>Social Science &amp; Medicine</i> , 117945.	2025
Brazil, Noli. School Closures and the Spatial Ecology of Education Access in 10 US Cities. <i>Geographical Analysis</i> , 57(2), 205-232.	2025
Brazil, Noli, Bozhidar Chakalov* & Michelle Ko. "The Health Implications of Neighborhood Networks based on Daily Mobility in US cities." <i>Social Science &amp; Medicine</i> , 117058.	2024
Brazil, Noli, Brittany Vang** & Huda Abdelnur**. "Neighborhood inequality in government fines: The case of parking tickets in 16 US cities." <i>Cities</i> , 152, 105229.	2024
Nabiyeva, Gulnara*, Stephen Wheeler, Jonathan London, J. & Noli Brazil. "Implementation of Sustainable Development Goal 11 (Sustainable Cities and Communities): Initial Good Practices Data. <i>Sustainability</i> , 15(20), 14810.	2023
Brazil, Noli, Jenny Wagner* & Raziel Ramil**. "Measuring and Mapping Neighborhood Opportunity: A Comparison of Opportunity Indices in California." <i>Environment and Planning B: Urban Analytics and City Science</i> , 50(3), 757-775	2023
Brazil, Noli. "Environmental Inequality in the Neighborhood Networks of Urban Mobility in US Cities." <i>Proceedings of the National Academy of Sciences</i> , 119(17), e2117776119	2022
Brazil, Noli & Amanda Portier**. "Investing in Gentrification: The Eligibility of Gentrifying Neighborhoods for Federal Place-Based Economic Investment in U.S. Cities" <i>Urban Affairs Review</i> , 58(5), 1234-1276	2022
Brazil, Noli & Jennifer Candipan. "The Neighborhood Ethnoracial and Socioeconomic Context of Public Elementary School Closures in U.S. Metropolitan Areas" <i>Social Science Research</i> , 103, 102655	2022
Morrison, Christopher, David Kirk, Noli Brazil & David Humphreys. "Ridehailing and Road Traffic Crashes: Reflecting on a Decade of Disruption" <i>American Journal of Epidemiology</i> 191(5), 751-758	2022
Brazil, Noli. "The Multidimensional Clustering of Health and its Ecological Risk Factors" <i>Social Science &amp; Medicine</i> , 295, 113772.	2022
<ul style="list-style-type: none"> <li>• NIH OBSSR Matilda White Riley Early Stage Investigator paper award</li> </ul>	
Candipan, Jennifer & Noli Brazil. "The Neighborhood Context of School Openings: Charter School Expansion and Socioeconomic Ascent in the United States" <i>Journal of Urban Affairs</i>	2022
Dialesandro, John*, Noli Brazil, Stephen Wheeler & Yaser Abunnasr. "Dimensions of Thermal Inequity: Neighborhood Social Demographics and Urban Heat in the Southwestern U.S.", <i>International Journal of Environmental Research and Public Health</i> 18(3), 941.	2021
Brazil, Noli & David Kirk. "Ridehailing and Alcohol-Involved Traffic Fatalities in the United States: The Average and Heterogeneous Association of Uber", <i>PLoS ONE</i> 15(9), e0238744	2020
Brazil, Noli. "Effects of Public School Closures on Crime: The Case of the 2013 Chicago Mass School Closure" <i>Sociological Science</i> , 7, 128-151.	2020
Kirk, David, Nicolo Cavalli* & Noli Brazil. "The Implications of Ridehailing for Risky Driving and Road Accident Injuries and Fatalities" <i>Social Science &amp; Medicine</i> , 250, 112793	2020

- Brazil, Noli. "The Unequal Spatial Distribution of City Government Fines: The Case of Parking Tickets in Los Angeles" *Urban Affairs Review*, 56(3), 823-856. 2020
- Brazil, Noli & Matthew Andersson "Mental Well-Being and Changes in Peer Ability from High School to College" *Youth & Society*, 52(5), 687-709. 2020
- Brazil, Noli. "Neighborhood Satisfaction, Collective Efficacy and Neighborhood Disorder in New and Established Hispanic Destinations" *Urban Studies*, 56(14), 2953-2976. 2019
- Clark, William A.V. & Noli Brazil "Neighborhood Selections by Young Adults: Evidence from a Panel of U.S. Adolescents" *Journal of Urban Affairs*, 41(7), 981-998. 2019
- Brazil, Noli & William A.V. Clark "Residential Mobility and Neighborhood Inequality during the Transition to Adulthood" *Urban Geography*, 40(7), 938-963. 2019
- Papachristos, Andrew, Noli Brazil & Tony Cheng. "Understanding the Crime Gap: Violence and Inequality in an American City." *City & Community*, 17(4), 1051-1074 2018
- Brazil, Noli. "The Determinants of Adolescent Neighborhood Satisfaction: Assessing the Importance of School Satisfaction." *City & Community*, 17(1), 187-201. 2018
- Brazil, Noli & William A.V. Clark. "Residential Mobility and Dynamic Neighborhood Change during the Transition to Adulthood" *Advances in Life Course Research*, 33, 1-10. 2017
- Bastomski, Sara, Noli Brazil & Andrew Papachristos. "Neighborhood Co-offending Networks, Structural Embeddedness, and Violent Crime in Chicago." *Social Networks*, 51, 23-39. 2017
- Brazil, Noli & William A.V. Clark. "Individual Mental Health, Life Course Events and Dynamic Neighbourhood Change during the Transition to Adulthood." *Health & Place*, 45, 99-109. 2017
- Brazil, Noli. "Spatial Variation in Mortality Rates in New and Established Hispanic U.S. Destinations." *Population Space and Place*, 23(1), e1968. 2017
- Brazil, Noli & David Kirk. "Uber and Metropolitan Traffic Fatalities in the United States." *American Journal of Epidemiology*, 184(3), 192-198. 2016
- Brazil, Noli. "The Effects of Social Context on Youth Outcomes: Studying Neighborhoods and Schools Simultaneously." *Teachers College Record*, 118(7), 1-30. 2016
- Davis, Jason & Noli Brazil. "Decoupling Parental Absences from Remittances in Economic Migration: The Case of Educational Attainment in Guatemala." *International Journal of Educational Development*, 50, 1-11. 2016
- Brazil, Noli. "Large-Scale Urban Riots and Racial Segregation: A Case Study of the 1960s Riots." *Demography*, 53(2), 567-595. 2016
- Davis, Jason & Noli Brazil. "Migration, Remittances and Nutrition Outcomes of Left-Behind Children: A National-Level Quantitative Assessment of Guatemala." *PLoS ONE*, 11(3): e0152089. 2016
- Vega, Alma & Noli Brazil. "A Multistate Life Table Approach to Understanding Return and Reentry Migration between Mexico and the United States during Later Life." *Demographic Research*, 33(43), 1211-1240. 2015

#### REFEREED BOOK CHAPTERS

- Brazil, Noli. "The Effects of Public School Closures on Neighborhood Housing Values" 2019

In *Shuttered Schools Race, Community, and School Closures in American Cities*,  
ed. Ebony M. Duncan. Charlotte: IAP.

Brazil, Noli. "Using Place-and Person-Based Interventions to Measure Neighbor-  
hood 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

Brazil, Noli, Jeremy Prim\* & Irina Chukhray\*. "The Impact of Public School Closures on  
Neighborhoods: The Case of Crime in 10 U.S. Cities"

Han, Joel & Noli Brazil. "Gasoline Prices and Income Disparities in Urban Daily Travel Patterns"

Wagner, Jenny, Noli Brazil, Shani Buggs & Michelle Ko. "Relationships Between Historical  
Redlining, Contemporary Housing Market Dynamics, Racial Composition, and Mental Health  
in U.S. Urban Neighborhoods: A Conditional Process Analysis."

Candipan, Jennifer & Noli Brazil. "Race, segregated urban mobility, and socioeconomic ascent:  
A neighborhood network approach."

Laurito, Agustina, Jennifer Candipan & Noli Brazil. "The Early Childhood Care and Education Land-  
scape in Gentrifying Neighborhoods."

#### SELECTED RESEARCH REPORTS AND BRIEFS

How Expanding Transitional Kindergarten in California Can Promote Integration 2023  
In *Integration and Equity 2.0: New and Reinvigorated Approaches to School Integration*,  
Washington D.C.: American Institutes of Research.

Place-Based Improvement Programs Favor Gentrifying Neighborhoods Over Those Most in Need 2022  
UC Davis Center for Poverty & Inequality Research, Policy Brief, Volume 11, Number 2.

School Closures Disproportionately Affect Disadvantaged Communities 2021  
UC Davis Center for Poverty & Inequality Research, Policy Brief, Volume 10, Number 2.

California's Clear Lake Region: A Socioeconomic Profile 2021  
UC Davis Center for Regional Change. Prepared for the Blue Ribbon Committee for the  
Rehabilitation of Clear Lake

Residential Mobility Among Young Adults Decreases the Neighborhood Poverty Gap 2020  
UC Davis Center for Poverty & Inequality Research, Policy Brief, Volume 9, Number 4.

Similar English Learner Students, Different Results: Why Do Some Schools Do Better? 2007  
Mountain View, CA: EdSource.

California's Charter Schools: How Are They Performing? Mountain View, CA: EdSource 2006

Similar Students, Different Results: Why Do Some Schools Do Better? A large-scale survey 2005  
of California elementary schools serving low income students  
Mountain View, CA: EdSource

#### SAMPLE OF MEDIA COVERAGE

*Axios* American school closures can leave eyesores and broken community in their wake 2024

<i>Wall Street Journal</i> A Millennial Puzzle: More Diverse but More Segregated	2023
<i>Los Angeles Times</i> How shuttering schools can speed up gentrification	2022
<i>Sacramento Bee</i> Legacy of racist housing policies	2021
<i>Sacramento Bee</i> Uber and Lyft in Prop. 22 ads say they reduce DUIs, but what do studies show?	2020
<i>CityLab</i> .The Great Crime Decline Is Over in Some Chicago Neighborhoods	2019
<i>KUT Austin</i> .Have Ride-Hailing Services Like Uber And Lyft Reduced Drunk Driving In Austin?	2019
<i>CNBC</i> . Study finds that picking the wrong college can make you depressed-here's why	2018
<i>New York Times</i> . Does Uber Really Prevent Drunken Driving? It Depends on the Study	2017
<i>Popular Science</i> . Uber can actually help prevent drunk driving accidents-in some cities	2017
<i>Washinton Post</i> . Is Uber reducing drunk driving? New study says no	2016
<i>CityLab</i> . Uber Hasn't Had Any Impact on Drunk-Driving Deaths	2016

## TEACHING EXPERIENCE

### *Graduate*

Quantitative Geography, University of California, Davis	2020-
Spatial Methods in Community Research, University of California, Davis	2018-

### *Undergraduate*

The Community, University of California, Davis	2022
Community Economic Development, University of California, Davis	2018-
Quantitative Methods in Community Research, University of California, Davis	2018-

### *Workshops*

Introduction to Stata, University of California, Berkeley	2013
Introduction to R, University of California, Berkeley	2013

## PROFESSIONAL EXPERIENCE

United Nations Children's Fund (UNICEF), New York, NY Research Consultant	2011-2013
Institute for Research on Education Policy & Practice, Stanford, CA Data Analyst	2007-2008
EdSource, Mountain View, CA Research Analyst	2003-2007

## ADDITIONAL TRAINING

California State University, San Francisco Graduate Certificate, Geographic Information Systems	2013
University of California, Santa Barbara Certificate, Advanced Spatial Analysis: Regression Modeling	2009

## GRANTS, FELLOWSHIPS AND AWARDS

### GRANTS

California Air Resources Board \$697,489 <i>Co-Investigator with Peter James (PI), Shosha Capps, Irva Hertz-Picciotti, Jonathan London, Alessandro Ossola &amp; Michael Springborn</i>	2025-2027
American Institutes for Research Equity Initiative \$937,554 <i>Co-Principal Investigator with Karen Manship</i>	2024-2027
Russell Sage Foundation. Trustee Grant \$60,000 <i>Principal Investigator</i>	2023-2025
Spencer Foundation \$75,000 <i>Principal Investigator</i>	2021-2023
Russell Sage Foundation. Pipeline Grant \$30,000 <i>Principal Investigator</i>	2021-2022
National Science Foundation. American Educational Research Association Grant \$25,000 <i>Principal Investigator</i>	2021-2022
UC Davis, Institute of Transportation Studies. 3 Revolutions Future Mobility Seed Grant \$22,642 <i>Principal Investigator</i>	2019-2020
State of California Fish and Wildlife. \$495,000 <i>Co-Principal Investigator with Jonathan London, Anne Visser, &amp; Clare Cannon</i>	2018-2021
UC Davis, Karen Cauble Heritage Fund for Experiential Learning \$5,000 <i>Principal Investigator</i>	2019
UC Berkeley, Graduate Division Summer Research Grant	2011

### FELLOWSHIPS

GenAI Learning Community Fellowship, Center for Educational Effectiveness, UC Davis	2024
Dean's Normative Time Fellowship, UC Berkeley	2011-2012
National Institute of Child Health and Human Development Fellowship	2008-2009
Undergraduate Research Apprentice Program Summer Fellowship, UC Berkeley	2003

### AWARDS

National Institutes of Health OBSSR Matilda White Riley Early Stage Investigator	2022
Outstanding Graduate Student Instructor Award, UC Berkeley	2011
Advanced Spatial Analysis Workshop Travel Award, UC Santa Barbara	2009

### INVITED TALKS

Beyond Residential and Extra-local Environments: The Emergence of Neighborhood Networks as a Higher-order Scale in Urban Research Max Planck Institute for Demographic Research	2024
Beyond Where You Live: Racial Inequality and Neighborhood Conditions in the Urban Mobility Networks of U.S. Cities Cornell University Broom Center for Demography, University of California, Santa Barbara	2023

A Demographic Bridge to Diversity? Segregation and Diversity of Millennial Young Adult Neighborhoods in U.S. Metropolitan Areas Berkeley Population Center, University of California, Berkeley	2022
Black Disparities and Neighborhood Social Determinants of Health in Sacramento County California Black Health Network: Black Health Agenda (virtual)	2022
The Influence of Ridehailing Availability on Driving Injuries and Fatalities Transportation Research Board Annual Meeting (virtual)	2021
The Influence of Ridehailing Availability on Driving Injuries and Fatalities Center for Demography and Ecology, University of Wisconsin, Madison	2019
The Geographic Distribution of Place-based Economic Development Programs and their Effects on Local Housing in California Cities UC Center Sacramento	2019
The Unequal Spatial Distribution of City Government Fines: The Case of Parking Tickets in Los Angeles Geography Seminar, University of California, Davis	2018
Los Angeles GeoHub: A Spatial Analysis of Street-level Crime Trends in Los Angeles Spatial Sciences Institute, University of Southern California	2017
The Effects of Public School Closures on School District Segregation Department of Sociology, University of Southern California	2017
Large-Scale Urban Riots and Residential Segregation Spatial Sciences Institute, University of Southern California	2015
Life Course Events, Residential Mobility, and Neighborhood Change Center for Research on Inequalities and the Life Course, Yale University	2014
Using Riot Shocks to Estimate the Consequences of Lower Neighborhood Quality on Adolescent Dropout Rates Center for Research on Inequalities and the Life Course, Yale University Department of Demography, University of California, Berkeley	2013

## CONFERENCE ACTIVITY

### DISCUSSANT

Regional and Neighborhood Characteristics and Internal Migration Population Association of America	2022
Advanced Spatial Analysis Population Association of America	2018

### ORGANIZER

Place Connectedness and Mobility Flows Population Association of America	2024
The Use of Granular Spatial Data to Examine Geospatial Mobility in Social Science Research Spatial Data Science Symposium	2023
Migration and Health/Well-being Population Association of America	2019
Migration and Children Association of American Geographers	2017
Residential Segregation Outside the United States	2011

## Population Association of America

### PRESENTER

Sociological Science Conference	2025
Population Association of America	2024
Population Association of America, American Sociological Association, Association of Public Policy Analysis and Management, North American Meetings of the Regional Science Association International	2023
Population Association of America, American Sociological Association, American Educational Research Association	2022
Population Association of America (virtual)	2021
American Sociological Association (virtual)	2020
Population Association of America, Urban Affairs Association	2019
Population Association of America, American Sociological Association	2018
Population Association of America, American Educational Research Association, Esri User Conference	2017
Association of American Geographers	2016
Population Association of America	2015
Population Association of America, Social Science History Association	2014
Population Association of America, International Union for the Scientific Study of Population	2013

### PROFESSIONAL SERVICE

#### SERVICE TO THE PROFESSION

##### *Panelist*

Symposium on Assessment of Learning (virtual)	2021
Save the best and get rid of the rest: Lessons from assessing learning in turbulent times	
University of California, Davis, Center for Educational Effectiveness	
GIS and Public Safety (webinar)	2017
University of Southern California, Spatial Sciences Institute	
Applying for Postdocs in the Humanities and Social Sciences	2015
Yale University	

##### *Committee Member*

California GIS Council	2021-2022
Education Workgroup	

##### *Editorial Board Member*

Associate Editor, Spatial Demography	2018-
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##### *Reviewer - Peer reviewed journals*

American Journal of Preventive Medicine, American Journal of Public Health, American Sociological Review, Applied Spatial Analysis and Policy, Cities, City & Community, Crime & Delinquency, Computers, Environment and Urban Systems, Demographic Research, Demography, Emerging Adulthood, Environment and Planning A, Epidemiology, Health & Place, Journal of Epidemiology and Community Health, Journal of Transport Geography, Journal of Urban Health, Journal of Race, Ethnicity & the City, Journal of Urban Affairs, Nature, Nature Cities, Nature Communications, Nature Human Behaviour, PLoS ONE, Population Research and Policy Review, Preventive Medicine Reports, Proceedings of the National Academy of Sciences, Science, Social Problems, Social Science & Medicine, Social Science Research, Sociology of Education, Socius, Spatial Demography, Transactions on Spatial Algorithms and Systems, Transactions in



GIS, Urban Affairs Review, Urban Studies

*Reviewer - Grants*

Center for Engaged Scholarship, National Science Foundation, Russell Sage Foundation

*Reviewer - Book Press*

Chapman & Hall/CRC Press

*Professional Membership*

Population Association of America	2009-
American Sociological Association	2010-
Association of American Geographers	2015-
Urban Affairs Association	2018-

SERVICE TO ACADEMIC DEPARTMENTS AND AFFILIATES

*University of California, Davis*

Department of Human Ecology, Vice Chair	2023-
Department of Human Ecology Human Development Faculty Search Committee	2024
Department of Human Ecology Justice, Equity, Diversity and Inclusion Committee	2022-
Department of Human Ecology, Reid Dorn Endowed Chair Search Committee	2024
Public Health Sciences Graduate Group Student Recruitment Committee	2022-2023
Department of Sociology Poverty and Inequality Faculty Search Committee	2022
Department of Human Ecology Poverty Center Faculty Search Committee	2021
Geography Graduate Group PhD Admissions Committee	2019-2022
Community Development Masters Admissions Committee	2019-2020
Department of Human Ecology Strategic Communication Committee	2018-2019
Department of Human Ecology Human Development Search Committee	2018
UC Davis Poverty Center Conference Organizing Committee	
Geographies of Poverty	2018

**ADVISING**

DOCTORAL DISSERTATION COMMITTEE

Mallory Johnson, Co-Chair, Geography	In progress
Emmanuel Momoh, Member, Geography	In progress
Javier Morla, Member, Public Health	In progress
Angelita Repetto, Member, Sociology	In progress
Gulnara Nabiyeva, Member, Geography	In progress
Bozhidar Chakalov, Member, Public Health	In progress
Christopher Lawrence, Member, Sociology	In progress
Indu Roychowdhury, Member, Geography	In progress
Ryan Miller, Member, Geography	2024
Jenny Wagner, Member, Public Health	2023
Jared Joseph, Member, Sociology	2022
Sam Roodbar, Member, Geography	2022
John Dialesandro, Member, Geography	2021
Carlos Becerra, Member, Geography	2021

MASTERS THESIS COMMITTEE

Gloria Rodriguez, Advisor, Public Health	In progress
Berenice Vences, Advisor, Public Health	2024
Trent Baldwin, Member, Community Development	2023
Christina Maguire, Advisor, Public Health	2023
Yulia Lamoureux, Chair, Community Development	2022
Grace Kumetat, Member, Community Development	2022
Joyce Yee, Member, Community Development	2020

Corey Rodda, Chair, Community Development	2020
Nichole Zargoza-Smith, Member, Community Development	2020
Kenji Tomari, Member, International Agricultural Development	2019

#### UNDERGRADUATE RESEARCH SUPERVISION

Cory Frost, Sustainable Environmental Design	In progress
Jean-Luc Ducatillon, Community and Regional Development	In progress
Kayla Lujan, Community and Regional Development	2024
Huda Abdelnur, Community and Regional Development	2024
Brittany Vang Community and Regional Development	2024
Amanda Portier, Community and Regional Development, Winner of University Medal	2022
Citlali Plaza, Community and Regional Development	2022
Raziel Ramil, Community and Regional Development	2021
Mikaela Fenton, Community and Regional Development, University Honors Thesis Advisor	2021