

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/>

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, University of California, Berkeley Population Center	
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

Laurito, Agustina, Candipan, Jennifer & Brazil, Noli. The Early Childhood Care and Education Landscape in Ascending Neighborhoods. <i>Urban Affairs Review</i> .	2026
Candipan, Jennifer & Noli Brazil. Race, Segregated Urban Mobility, and Socioeconomic Ascent: A Neighborhood Network Approach. <i>Urban Studies</i> .	2026
Wagner, Jenny, Noli Brazil, Javier Estrada* & Kayla Lujan**. Neighborhood Determinants of Health as a Composite Index: Comparing Area-Based Indices in Public Health Research. <i>Journal of Urban Health</i> , 1-12.	2025
Johnson, Mallory*, Noli Brazil & Michelle Ko, M. Certified Nursing Assistant Training Opportunities: Insights From States' Administrative Data. <i>Journal of the American Geriatrics Society</i>	2025

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 & 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 & 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 & 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 & Medicine</i> , 295, 113772.	2022
<ul style="list-style-type: none"> NIH OBSSR Matilda White Riley Early Stage Investigator paper award 	
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.",	2021

- Brazil, Noli & David Kirk. "Ridehailing and Alcohol-Involved Traffic Fatalities in the United States: The Average and Heterogeneous Association of Uber", *PLoS ONE* 15(9), e0238744 2020
- Brazil, Noli. "Effects of Public School Closures on Crime: The Case of the 2013 Chicago Mass School Closure" *Sociological Science*, 7, 128-151. 2020
- Kirk, David, Nicolo Cavalli* & Noli Brazil. "The Implications of Ridehailing for Risky Driving and Road Accident Injuries and Fatalities" *Social Science & Medicine*, 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." 2016
PLoS ONE, 11(3): e0152089.
- Vega, Alma & Noli Brazil. "A Multistate Life Table Approach to Understanding Return and Reentry Migration between Mexico and the United States during Later Life." 2015
Demographic Research, 33(43), 1211-1240.
- REFEREED BOOK CHAPTERS
- Brazil, Noli. "Neighborhoods and Education." In Oxford Research Encyclopedia of Sociology, edited by L. Spillman. 2026
- 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 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
- 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"
- Evans, Megan & Noli Brazil. "Searching for Housing in the Age of AI: Racialized Neighborhood Recommendations across 10 U.S. Cities."
- Brazil, Noli & Yan Yan*. "The Implications of AI-Assisted Coding for Cognitive Learning in an Introductory Social Science Statistics Course."
- Brazil, Noli & Jason Singson*. "Daily Mobility Exposure to Automated License Plate Reader Cameras in the 100 largest US cities."
- SELECTED RESEARCH REPORTS AND BRIEFS
- Are Millennials Really the Bridge to a More Integrated America? 2026
Population Reference Bureau, Research Brief.
- Gun-Violence Exposure Across Neighborhood Networks Increased by Racial Segregation 2025
UC Davis Center for Poverty & Inequality Research, Policy Brief, Volume 14, Number 1.
- 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 UC Davis Center for Poverty & Inequality Research, Policy Brief, Volume 9, Number 4.	2020
Similar English Learner Students, Different Results: Why Do Some Schools Do Better? Mountain View, CA: EdSource.	2007
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 of California elementary schools serving low income students Mountain View, CA: EdSource	2005

SAMPLE OF MEDIA COVERAGE

<i>Axios</i> 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, 2026
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 & 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>	2023-2026
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, & 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 2026
Bloomberg School of Public Health, Johns Hopkins University
Spatial Processes and City Environments (SPACE), Rice University 2025
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 2023
Cornell University
Broom Center for Demography, University of California, Santa Barbara

A Demographic Bridge to Diversity? Segregation and Diversity of Millennial Young Adult Neighborhoods in U.S. Metropolitan Areas 2022
Berkeley Population Center, University of California, Berkeley

Black Disparities and Neighborhood Social Determinants of Health in Sacramento County 2022
California Black Health Network: Black Health Agenda (virtual)

The Influence of Ridehailing Availability on Driving Injuries and Fatalities 2021
Transportation Research Board Annual Meeting (virtual)

The Influence of Ridehailing Availability on Driving Injuries and Fatalities 2019
Center for Demography and Ecology, University of Wisconsin, Madison

The Geographic Distribution of Place-based Economic Development Programs and their Effects on Local Housing in California Cities 2019
UC Center Sacramento

The Unequal Spatial Distribution of City Government Fines: The Case of Parking Tickets in Los Angeles 2018
Geography Seminar, University of California, Davis

Los Angeles GeoHub: A Spatial Analysis of Street-level Crime Trends in Los Angeles 2017
Spatial Sciences Institute, University of Southern California

The Effects of Public School Closures on School District Segregation 2017
Department of Sociology, University of Southern California

Large-Scale Urban Riots and Residential Segregation 2015
Spatial Sciences Institute, University of Southern California

Life Course Events, Residential Mobility, and Neighborhood Change 2014
Center for Research on Inequalities and the Life Course, Yale University

Using Riot Shocks to Estimate the Consequences of Lower Neighborhood Quality on Adolescent Dropout Rates 2013
Center for Research on Inequalities and the Life Course, Yale University
Department of Demography, University of California, Berkeley

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 2023
Spatial Data Science Symposium

Migration and Health/Well-being
Population Association of America 2019

Migration and Children
Association of American Geographers 2017

Residential Segregation Outside the United States
Population Association of America 2011

PRESENTER

Sociological Science Conference, American Educational Research Association,
Population Association of America 2026

Sociological Science Conference, International Population Conference, Society for
Research on Educational Effectiveness, Scholarship of Teaching and Learning 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) University of Southern California, Spatial Sciences Institute	2017
Applying for Postdocs in the Humanities and Social Sciences Yale University	2015
<i>Committee Member</i> American Sociological Association, Sociology of Population Section, Student Paper Award Selection Committee	2026
California GIS Council Education Workgroup	2021-2022
<i>Editorial Board Member</i> Associate Editor, Spatial Demography	2024-
<i>Reviewer - Peer reviewed journals (since 2020)</i> American Journal of Preventive Medicine, 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, Housing Studies, 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, Populations, Preventive Medicine Reports, Proceedings of the National Academy of Sciences, PNAS Nexus, Science, Social Forces, Social Problems, Social Science & Medicine, Social Science Research, Sociology of Education, Socius, Spatial Demography, Urban Affairs Review, Urban Studies	
<i>Reviewer - Grants</i> Center for Engaged Scholarship, European Research Council, National Science Foundation, Russell Sage Foundation	
<i>Reviewer - Book Press</i> Chapman & Hall/CRC Press	
<i>Professional Membership</i> Population Association of America American Sociological Association Association of American Geographers Urban Affairs Association	2009- 2010- 2015- 2018-
SERVICE TO ACADEMIC DEPARTMENTS AND AFFILIATES	
<i>University of California, Davis</i> Department of Human Ecology, Vice Chair Department of Human Ecology Human Development Faculty Search Committee Department of Human Ecology Justice, Equity, Diversity and Inclusion Committee Department of Human Ecology, Reid Dorn Endowed Chair Search Committee Public Health Sciences Graduate Group Student Recruitment Committee Department of Sociology Poverty and Inequality Faculty Search Committee Department of Human Ecology Poverty Center Faculty Search Committee Geography Graduate Group PhD Admissions Committee Community Development Masters Admissions Committee Department of Human Ecology Strategic Communication Committee Department of Human Ecology Human Development Search Committee UC Davis Poverty Center Conference Organizing Committee Geographies of Poverty	2023-2026 2024 2022-2024 2024 2022-2023 2022 2021 2019-2022 2019-2020 2018-2019 2018 2018

ADVISING

DOCTORAL DISSERTATION COMMITTEE

Michael Middleton, Member, Sociology	In progress
Emmanuel Momoh, Member, Geography	In progress
Javier Morla, Member, Public Health	In progress
Indu Roychowdhury, Member, Geography	In progress
Christopher Lawrence, Member, Sociology	2026
Gulnara Nabiyeva, Member, Geography	2026
Bozhidar Chakalov, Member, Public Health	2026
Mallory Johnson, Co-Chair, Geography	2025
Angelita Repetto, Member, Sociology	2025
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

Allie Kong Advisor, Public Health	2026
Gloria Rodriguez, Advisor, Public Health	2025
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

Xochilth Aguila, Sociology	2026
Jean-Luc Ducatillon, Community and Regional Development	2025
Cory Frost, Sustainable Environmental Design	2025
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