

Noémie Sportiche

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Education

Degrees

- 2023 PhD, Health Policy (Concentration: Methods), Harvard University
Dissertation: *Housing Markets and Health Outcomes*
Committee: David Cutler (Chair), Sherri Rose, Mariana Arcaya, José Zubizarreta
- 2013 SM, Social and Behavioral Sciences, Harvard School of Public Health
- 2007 BS, Cognitive Science, University of California, Los Angeles (UCLA)

Non-Degree

- 2010 Post-baccalaureate Premedical Program, Bryn Mawr College
- 2005 - 2006 History of Spanish Art and Literature, University of Granada, Spain

Professional and Policy Experience

- 2023 – Researcher, Mathematica, Oakland, CA
- 2018 – 2020 Graduate Researcher at the National Bureau of Economic Research (NBER)
- 2013 – 2017 Public Health Planner, Metropolitan Area Planning Council (MAPC), Boston, MA
- 2012 – 2013 Science Policy Analyst, Assistant Secretary for Planning & Evaluation, US Department of Health & Human Services, Washington DC
- 2010 – 2011 Public Health Researcher, UCLA & the Mexican Social Security Institute¹ (IMSS), Cuernavaca, Mexico
- 2007 – 2009 Staff Research Associate II, UCLA and Veterans Administration, Greater Los Angeles, CA
- 2006 – 2009 Patient Coordinator, Westside Medical, Westwood, CA

Publications

Working papers

Sportiche N. Early-Life Health Impacts of Affordable Housing in Higher-Income Areas: Evidence from Massachusetts Chapter 40B. (**Job Market Paper**). Available [here](#).
Awarded Best Paper on Housing Prize (2023), Joint Center for Housing Studies, Harvard University.

Desegregation-focused housing policies aimed at reducing disparities in neighborhood conditions may also reduce disparities in health outcomes. This paper examines the effects of one such policy on the health of pregnant people and their newborn infants. Specifically, I study the impact of Massachusetts Chapter 40B,

¹ Instituto Mexicano del Seguro Social

a major civil rights-era housing policy that increases the supply of affordable ownership and rental housing in higher-income areas to facilitate moves for lower-income households to those areas. Using a difference-in-differences approach that compares the health outcomes of birthing parents who move to 40B housing to those of demographically-matched birthing parents who move to from similar origin neighborhoods, I find that moving to 40B housing produces meaningful improvements in birth outcomes and marginal gains in birthing parents health only among 40B renters. I find no evidence of health effects among 40B owners. Among renters, improvements in birth outcomes are driven largely by people moving from neighborhoods with higher levels of poverty, more Black and Hispanic residents, and higher male incarceration rates. These results suggest that affordable housing policies like 40B can help reduce racial and economic disparities in early-life health among certain populations.

Cutler D and **Sportiche N**. Economic Crises and Mental Health: Effects of the Great Recession on Older Americans. (Authors in alphabetical order; **Submitted**). *NBER working paper*: [nber.org/papers/w29817](https://www.nber.org/papers/w29817) *Featured in NBER's Bulletin on Health No. 2, June 2022.*

Sportiche N, Blanco H, Daep M, Graves EM, Cutler D. Can Fair Share Policies Expand Neighborhood Choice? Evidence from Bypassing Exclusionary Zoning under Massachusetts Chapter 40B.

Binet A, Gavin V, **Sportiche N**, Arcaya M. Operationalizing the capabilities approach to understand Neighborhood wellbeing in a Participatory Action Research study. (**Submitted**)

Peer-reviewed publications

Bennet J, Rahsid T, Zolfaghari A, Doyle Y, Suel E, Pearson-Stuttard J, Davies B, Fecht D, Muller E, Nathvani R, **Sportiche N**, Iyathooray H, Johnson E, Li G, Flaxman S, Toledano M, Asaria M, Ezzati M. Changes in life expectancy and house prices in London: Hyper-resolution spatiotemporal analysis of death registration and real estate data. *The Lancet Regional Health–Europe*. 2023 Jan 19; 27.

Flores, Y, Contreras, Z, Ramírez-Palacios P, Morales, L, Edwards TC, Gallegos-Carrillo, K, Salmerón J, Lang C.M., **Sportiche, N**, Patrick, DL. Increased Prevalence of Psychosocial, Behavioral, and Socio-Environmental Risk Factors among Overweight and Obese Youths in Mexico and the United States. *International Journal of Environmental Research and Public Health*. 2019 May; 16(9): 1534.

Morales, L. S., Flores, Y. N., Leng, M., **Sportiche, N.**, Gallegos-Carrillo, K., & Salmerón, J. Risk factors for cardiovascular disease among Mexican - American adults in the United States and Mexico: a comparative study. *Salud Pública de México*, 2014; 56(2): 197-205.

Sportiche N, Suntsova N, Methippara M, Bashir T, Mitrani B, Szymusiak R, McGinty D. Sustained sleep fragmentation results in delayed changes in hippocampal-dependent cognitive function associated with reduced dentate gyrus neurogenesis. *Neuroscience*. 2010 Sep 29; 170(1): 247-58.

Research in progress

Blanco H and **Sportiche N**. Local Effects of Bypassing Zoning Regulations in High-Income Areas.

Sportiche N. Effects of Rising Housing Costs on the Health of Low- and Middle-Income Renters.

Grants and Fellowships

2022	Harvard University, Dissertation Completion Fellowship (\$33,850)
2020	Robert Wood Johnson Foundation Policies for Action Grant on Housing Policies that Promote Equity, Co-Principal Investigator (\$249,267)
2020	Joint Center for Housing Studies (\$5,000)
2020	Horowitz Foundation for Social Policy, 3% of Applications Funded. (\$5,000)
2018	National Institutes of Mental Health (NIMH) T32 Training Fellowship (\$28,860)
2017	Massachusetts Department of Public Health Grant, Fostering Healthy Community Design through Health Impact Assessment
2016	Massachusetts Association of Health Boards Grant. Housing Production Plan Health Addenda: Arlington, Millis, and Rockland.
2015	Massachusetts Department of Public Health, Working on Wellness Grant
2013	Pew Charitable Trusts Grant, Research Partner, Community Development and Health: A Health Impact Assessment of the Community Investment Tax Credit Program.

Awards

2023	Best Paper on Housing, Joint Center for Housing Studies, Harvard University
2021	Certificate of Distinction in Teaching, Harvard University
2020	Eli Ginzberg Award for the “Most Outstanding Project in Health and Welfare, particularly in urban settings”. Awarded by the Horowitz Foundation for Social Policy at the discretion of the Trustees.
2020	Best Poster Award, Population Association of America (PAA).

Professional Publications and Technical Assistance (selected)

2019	Wellesley Unified Plan Health Appendix. Health Addendum to the Comprehensive Plan for the Town of Wellesley, MA (first health addendum to a comprehensive plan in MA).
2018	Chelsea Silver Line Extension Transit-Oriented Development Health Impact Assessment.
2016	Rockland Housing Production Plan (HPP) Health Addendum, Rockland, MA 40B HPP.
2016	Arlington Housing Production Plan (HPP) Health Addendum, Arlington, MA 40B HPP.
2015	Connecting Public Housing and Health: A Health Impact Assessment of HUD’s Designated Housing Rule, with the Health Impact Project. Linked here .
2014	The Business Case for Healthy Development and Health Impact Assessments. Linked here .
2014	Community Development and Health: A Health Impact Assessment to Inform the Community Investment Tax Credit Program. With the Massachusetts Department of Public Health and Health Resources in Action. Linked here .
2014	School Building and Health: A Health Impact Assessment to Inform the Redevelopment of the Plymouth South High School. Plymouth, Massachusetts.
2013	Healthy Neighborhood Equity Fund (HNEF) Health Impact Assessment. The HNEF is a private equity fund model that considers the community, environmental, and health benefits of proposed housing construction as well as the financial risks and returns. Linked here .

Community-Based and Participatory Research

2019 – 2020	Research Team, Healthy Neighborhood Study (HNS) Participatory Action Research (PAR) Project, MIT. This project places residents and community members in an equal partnership with the research team to search to understand the impact of neighborhood processes and gentrification on longstanding residents to promote equitable development while avoiding displacement in Greater Boston, MA.
2015 – 2017	Advisory Committee, HNS Participatory Action Research Project, Greater Boston, MA.
2014 – 2017	Steering Committee, Community Assessment of Freeway Exposure and Health (CAFEH), Tufts, MA. This project studies the health impacts of air pollution exposure in Massachusetts using a community-based participatory research approach that involves community members at all stages of the research process (e.g., proposal development; study leadership; and data collection, analysis, and interpretation).

Academic Conferences

Nov 2022	Association of Public Policy and Management (APPAM). Early-Life Health Impacts of Affordable Housing in Higher-Income Areas: Evidence from Massachusetts Chapter 40B. Podium presentation. Washington, D.C.
June 2022	Society for Epidemiologic Research (SER). Can Fair Share Housing Policies Improve Health? Evidence from Massachusetts Chapter 40B. Podium presentation. Chicago, USA.
April 2020	Population Association of America (PAA). Economic Crises and Mental Health: Effects of the Great Recession on Older Americans. Poster. Virtual due to COVID-19.
July 2020	Academy Health. Economic Crises and Mental Health: Effects of the Great Recession on Older Americans. Poster. Virtual due to COVID-19.

Teaching Experience

2021	GHHP 99: Research in Global Health and Health Policy (Undergraduate), Teaching Fellow for Professor David Cutler
2020	GHHP 99: Research in Global Health and Health Policy (Undergraduate), Teaching Fellow for Professor David Cutler

Invited Talks and Lectures

Panels and Interviews

2016	Health in All Policies Panelist, National Conference for the American Planning Association.
2016	Health and Planning Interview on Talk Nerdy with Cara Santa Maria. Episode 93
2016	Community Health Improvement Plan Panelist. Massachusetts State Conference.
2015	Health Impact Assessment Panelist. National Health Impact Assessment Conference.

Guest Lectures

2021	“Housing and Mental Health.” Graduate Mental Health Seminar. Harvard Medical School.
2017	“Public Health, Urban Development, & Policymaking.” Lecture in masters-level course on Policymaking in Urban Settings. Harvard Kennedy School.

2016	“An Introduction to Health Impact Assessments.” Lecture in masters-level course: <i>Health Impact Assessments 101</i> . UMass Amherst.
2014, 2015, 2016	“Building Health into Community Development.” Lecture in masters-level course on Policymaking in Urban Settings. Harvard Kennedy School.
2014	“An Introduction to Public Health and Planning.” Lecture in masters-level course on Policymaking in Urban Settings. Harvard Kennedy School.

Professional Service

2019 – 2022	Peer mentor to first-year PhD candidates, Harvard Health Policy PhD Program
2020 – 2022	Organizer, cross-departmental mental health journal club for students and postdoctoral fellows studying topics in mental health, Harvard University
2019	Abstract Reviewer in Environmental Health, American Public Health Association
2016 – 2017	Steering Committee Member, Society for Practitioners of Health Impact Assessment
2013 – 2017	Steering Committee Member, Community Assessment of Freeway Exposure & Health
Referee:	Economic Development Quarterly, SSM-Population Health

Community Service

2016	Volunteer Budget Delegate, City of Cambridge
2016	Mentor, Association of Women in Science
2016	Volunteer Analyst on Pro Bono Health Impact Assessment “Greening Gateway Cities and Health” with Lawrence Groundworks. Link here .
2012	Public Health Leadership Representative and Mentor, Harvard Athena Mentorship Program

Data

Geocoded Chapter 40B addresses (dataset in progress)
 Chapter 40B lottery applicants (data collection in preparation)

Additional Information

Software	R, STATA, LATEX, GIT
Languages	Native: English, French, Dutch Fluent: Spanish