



GERARD TORRATS-ESPINOSA

Assistant Professor of Sociology

Columbia University

(Last updated: September 2025)

Department of Sociology
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ACADEMIC AFFILIATIONS

Columbia University	
Department of Sociology, Assistant Professor (tenure track)	2020-present
Center for Injury Science and Prevention, Member	2024-present
Population Research Center, Urbanism and Neighborhoods Co-Leader	2019-present
Data Science Institute, Member	2019-present
Department of Sociology, Post-Doctoral Fellow in Data Science	2019-2020
Other Affiliations	
Russell Sage Foundation Visiting Scholar	2024-2025
U. Chicago Stone Center for Research on Wealth Inequality and Mobility, Affiliate	2024-present
Behavioral Insights Team North America, Research Fellow	2017-2019
NYU Furman Center for Real Estate and Urban Policy, Doctoral Fellow	2014-2019

EDUCATION

Ph.D. in Sociology, New York University	2014-2019
Dissertation: "Inequality and Opportunity in the Crime Decline Era"	
Committee: Ingrid Ellen, Jennifer Hill, Mike Hout, Patrick Sharkey (Chair), and Florencia Torche	
Master in Public Policy, Harvard Kennedy School	2012-2014
B.S. Building Engineering, Polytechnic University of Catalonia	2001-2004

PEER-REVIEWED PUBLICATIONS

19. Mark, Nicholas, Ethan Raker, and **Gerard Torrats-Espinosa**. Forthcoming. "Severe Tornadoes and Infant Birth Weight in the United States." *Demography*.
18. Donahue, Samuel and **Gerard Torrats-Espinosa**. 2025. "From the Block to the Beat: How Violence in Officers' Neighborhoods Influences Racially Biased Policing." *American Journal of Sociology* 130 (6): 1394–1434
17. **Torrats-Espinosa, Gerard** and Patrick Sharkey. 2025. "The Fall of Violence and the Reconfiguration of Urban Neighborhoods." *Demography* 62 (2): 599–627.
16. Wimmer, Andreas and **Gerard Torrats-Espinosa**. 2025. "Suffering, Compassion, and Altruistic Mobilization. Explaining Non-Black Participation in the Black Lives Matter Movement of 2020." *Mobilization* 30 (2): 113–130..
15. Ben-Menachem, Jonathan and **Gerard Torrats-Espinosa**. 2024 "Police Violence Reduces Trust in the Police Among Black Residents." *PLoS ONE* 19(9): e0308487.
14. Mark, Nicholas and **Gerard Torrats-Espinosa**. 2024. "Exposure to Crime and Racial Birth Outcome Disparities." *Journal of Urban Health* 101: 692–701.
13. Duncan, Dustin, Su Hyun Park, Christoffer Dharma, **Gerard Torrats-Espinosa**, Jessica Contreras, Roberta Scheinmann, Cristina Herrera, Kim Watson, Denton Callendar, John A. Schneider, Maria Khan, Sahnah Lim, Chau Trihn-Shevrin, and Asa Radix. 2024. "Neighborhood Safety and Neighborhood Police Violence Are Associated with Psychological Distress Among English and Spanish-speaking Transgender Women of Color in New York City: Finding from the TURNNT Cohort Study." *Journal of Urban Health* 101: 557–570.

12. Fabbri, Camilla, Timothy Powell-Jackson, Katherine Rodrigues, Alexandra De Filippo, Michael Kaemingk, **Gerard Torrats-Espinosa**, Baptiste Leurent, Elizabeth Shayo, Vivien Barongo, and Karen M. Devries. 2023. "Understanding why EmpaTeach did not reduce teachers' use of violence in Nyarugusu Refugee Camp: A quantitative process evaluation of a school-based violence prevention intervention." *PLOS Global Public Health* 3(6): e0001404.
11. Mark, Nicholas and **Gerard Torrats-Espinosa**. 2021. "Declining Violence and Improving Birth Outcomes in the US: Evidence from Birth Certificate Data" *Social Science and Medicine* 294: 114595.
10. Fabbri, Camilla, Katherine Rodrigues, Baptiste Leurent, Elizabeth Allen, Mary Qiu, Martin Zuakulu, Dennis Nombo, Michael Kaemingk, Alexandra De Filippo, **Gerard Torrats-Espinosa**, Elizabeth Shayo, Vivien Barongo, Giulia Greco, Wietse Tol, and Karen M. Devries. 2021. "The EmpaTeach Intervention for Reducing Physical Violence from Teachers to Students in Nyarugusu Refugee Camp: A Cluster-Randomised Controlled Trial." *PLoS Medicine* 18(10): e1003808.
9. **Torrats-Espinosa, Gerard**. 2021. "Using Machine Learning to Estimate the Effect of Racial Segregation on COVID-19 Mortality." *Proceedings of the National Academy of Sciences* 118(7): e2015577118.
8. **Torrats-Espinosa, Gerard**. 2020. "Crime and Inequality in Academic Achievement across School Districts in the United States." *Demography* 57: 123–145.
7. Ellen, Ingrid G. and **Gerard Torrats-Espinosa**. 2020. "Do Vouchers Protect Low-Income Households from Rising Rents?" *Eastern Economic Journal* 46: 260–281.
6. Ellen, Ingrid G. and **Gerard Torrats-Espinosa**. 2019. "Gentrification and Fair Housing: Does Gentrification Further Integration?" *Housing Policy Debate* 29(5): 835-851.
5. Ellen, Ingrid G., Michael Suher, and **Gerard Torrats-Espinosa**. 2019. "Neighbors and Networks: The Role of Social Interactions on the Residential Choices of Housing Choice Voucher Holders." *Journal of Housing Economics* 43: 56-71.
4. Balcells, Laia and **Gerard Torrats-Espinosa**. 2018. "Using a Natural Experiment to Estimate the Electoral Consequences of Terrorist Attacks." *Proceedings of the National Academy of Sciences* 115(42): 10624-10629.
Outstanding Paper Award from the Ethnicity, Nationalism, and Migration Section of ISA
3. Heissel, Jennifer A., Patrick T. Sharkey, **Gerard Torrats-Espinosa**, Kathryn Grant, and Emma K. Adam. 2018. "Violence and Vigilance: The Acute Effects of Community Violent Crime on Sleep and Cortisol." *Child Development* 89(4): 323-331.
2. Sharkey, Patrick, **Gerard Torrats-Espinosa**, and Delaram Takyar. 2017. "Community and the Crime Decline: The Causal Effect of Local Nonprofits on Violent Crime." *American Sociological Review* 82(6): 1214-1240.
1. Sharkey, Patrick and **Gerard Torrats-Espinosa**. 2017. "The Effect of Violent Crime on Economic Mobility." *Journal of Urban Economics* 102: 22-33.

WORK IN PROGRESS AND UNDER REVIEW

- Torrats-Espinosa, Gerard. "The Scale and Effects of Militarized Policing in the United States." (in preparation for the 2026 *Annual Review of Criminology*).
- Torrats-Espinosa, Gerard. "The Prevalence and Mental Health Impacts of Militarized Police Raids."
- Torrats-Espinosa, Gerard and Jon Ben-Menachem. "Raids and Retreat: How Militarized Policing Erodes Civic Cooperation and Institutional Trust."
- Torrats-Espinosa, Gerard and Samuel Donahue. "Race, Peers, and Context: A Relational Analysis of Peer Effects on Police Use of Force."
- Donahue, Samuel, Gerard Torrats-Espinosa, and George Wood. "Racial Diversity in Daily Patrol Assignments in Chicago"

BOOK CHAPTERS AND OTHER PUBLICATIONS

- Torrats-Espinosa, Gerard.** 2024. "Firefighting in Barcelona" in *Between Us: Healing Ourselves and Changing the World Through Sociology* edited by Marika Lindholm and Elizabeth Anne Wood. Chicago University Press.
- Ellen, Ingrid G., Brian J. McCabe, and **Gerard Torrats-Espinosa.** 2020. "How Can Historic Preservation Be More Inclusive?" in *Preservation and Social Inclusion*. Columbia University Press
- Weiss, Christopher, Emma Garcia, and **Gerard Torrats-Espinosa.** 2015. "A Comparative Analysis of the Relationship between Learning Environments and Educational Performance in Japan and the United States." Pp. 211-240 in *Japan Viewed from Interdisciplinary Perspectives* edited by Yoneyuki Sugita. Lexington Books

MEDIA WRITING

- "Violence near police officers' homes makes them more likely to use force against Black civilians" *London School of Economics American Politics and Policy Blog*. May 21, 2025 (with Samuel Donahue)
- "Clustering of Gun Violence: The Problem That Won't Go Away" *Vital City*. January 23, 2025
- "Ideas in Action: More Non-Profits, Fewer Crimes" *Vital City*. March 28, 2023 (with Michael Jacobson)
- "Do terrorist attacks make people more politically engaged?" *Washington Post*. August 28, 2017 (with Laia Balcells)
- "Els efectes polítics del terrorisme" ("The Political Consequences of Terrorism"). *Ara*. August 22, 2017 (with Laia Balcells)
- "La violencia policial y la división racial en los Estados Unidos" ("Police Brutality and the Racial Divide in the United States"). *La Vanguardia*. July 12, 2016

GRANTS AND FUNDING

- CDC Injury Control Research Centers (co-PI with Kara Rudolph, \$532,994), 2024-2029
- Russell Sage Foundation Trustee Grant (PI, \$130,497), 2022-2023
- Data Science Institute Seed Grant, Columbia University (PI, \$50,000), 2022-2023
- Lenfest Junior Faculty Development Grant, Columbia University (PI, \$11,100), 2022
- Provost's Grants Program for Junior Faculty, Columbia University (PI, \$20,060), 2021
- Institute for Social and Economic Research and Policy (co-PI, \$29,467), "The Relationship between Incarceration and COVID-19," 2021
- Hettelman Junior Faculty Summer Research Grant, Columbia University (PI, \$6,000), 2021
- Russell Sage Foundation & William T. Grant Foundation (PI, \$7,000), "Crime and Inequality in Academic Achievement across School Districts in the United States," 2016

FELLOWSHIPS & AWARDS

- Russell Sage Foundation Visiting Scholar, 2024-2025
- Dean's Dissertation Fellowship, New York University, 2019-2020 (Declined)
- Outstanding Graduate Teaching Award, New York University, 2018
- Urban Doctoral Fellowship, New York University, 2018-2019
- Outstanding Paper Award from the Ethnicity, Nationalism, and Migration Section of ISA, 2017
- Predocutorial Interdisciplinary Research Training Fellowship (PIRT), New York University, 2014-2017
- Henry M. MacCracken Doctoral Fellowship, New York University, 2014-2019
- "La Caixa" Graduate Fellowship, Spain, 2012-2014

INVITED TALKS

(Includes scheduled talks)

- University of Pennsylvania, Sociology Department, 2025
- Columbia University, Data Science Institute, 2025
- Russell Sage Foundation, 2025
- CUNY Graduate Center, Sociology Department, 2025
- University of Wisconsin-Madison, Institute for Research on Poverty, 2025
- New York University Abu Dhabi, Center for Interacting Urban Networks, 2024
- University of Chicago, Sociology Department, 2024

CUNY Graduate Center, Stone Center on Socio-Economic Inequality, 2024
 Princeton University, Sociology Department, 2023
 Columbia University, Justice Lab, 2023
 Paris School of Economics, Neighborhoods Workshop, 2023
 Pompeu Fabra University, Criminology Program, 2022
 Berkeley University, Computational Social Science Forum, 2021
 Columbia University, Injury Center, 2021
 Paris School of Economics, 2021 (Cancelled)
 Columbia University, Data Science Institute, 2020
 Columbia University, Race, Ethnicity, and Migration Workshop, 2020 (Cancelled)
 Pompeu Fabra University, Criminology Program, 2020 (Cancelled)
 Pompeu Fabra University, DemoSoc Research Group Workshop, 2019
 Columbia University, Quantitative Methods in the Social Sciences Research Seminar, 2019
 Northwestern University, School of Education and Social Policy, 2019
 Columbia University, Department of Sociology, 2019
 Columbia University, Center for the Study of Wealth and Inequality, 2018
 New York University, Furman Center Speaker Series, 2017

CONFERENCE PRESENTATIONS

(Includes scheduled conferences)

American Sociological Association, Montreal, Canada, 2024
 International Conference on Computational Social Science (IC2S2), Philadelphia, PA, 2024
 Population Association of America, Columbus, OH, 2024
 Population Association of America, New Orleans, LA, 2023
 American Sociological Association, Philadelphia, PA, 2023
 American Sociological Association, San Francisco, CA, 2020 (Cancelled)
 SREE Spring Conference, Washington, DC, 2019
 APPAM Fall Research Conference, Washington, DC, 2018
 American Sociological Association, Philadelphia, PA, 2018
 Population Association of America, Denver, CO, 2018
 APPAM Fall Research Conference, Chicago, IL, 2017
 Population Association of America, Chicago, IL, 2017
 International Studies Association, Baltimore, MD, 2017
 Urban Economics Association, Minneapolis, MN, 2016
 American Society of Criminology, New Orleans, LA, 2016
 APPAM Fall Research Conference, Washington, DC, 2016
 American Sociological Association, Seattle, WA, 2016
 American Real Estate and Urban Economics Association, Washington, DC, 2016
 Federal Reserve Bank of Philadelphia: Conference in Gentrification, Philadelphia, PA, 2016
 Education and Inequality in 21st Century America, Stanford University, CA, 2016
 Population Association of America, Washington, DC, 2016
 Russell Sage Foundation: Intergenerational Mobility in the United States, New York, NY, 2015

TEACHING

Columbia University

Crime and Policing (UN3983), Sociology, Undergraduate, Spring 2022, Fall 2022, Fall 2025
 Methods for Social Research (UN3010), Sociology, Undergraduate, Spring 2021, Spring 2022, Fall 2022, Spring 2024, Spring 2026
 Social Data Analysis II (GR6001), Sociology, Graduate, Spring 2021, Spring 2023, Spring 2024, Spring 2026
 Sociological Methods (GR5052), Sociology, Graduate, Fall 2019

New York University

Introduction to Quantitative Methodology, Sociology, Graduate, Fall 2017 (TA and Lab Instructor)
Math, Probability and Statistics Refresher, Sociology, Graduate, Summer 2017 (TA and Lab Instructor)
Statistical Inference & Regression Analysis, Stern, Undergraduate, Spring 2016 (TA)

Harvard Kennedy School

Markets and Market Failure (API-101), MPP Program, Graduate, Fall 2012 (TA)

SERVICE

University Service

Columbia Latin American Studies, Postdoc Selection Committee, 2023
Columbia Population Research Center, Steering Committee, 2021-
Columbia Experimental Laboratory for Social Science, Board Member, 2020-

Department Service

Co-organizer of Frontiers of Sociology Colloquium, Columbia University, 2024
Co-organizer of Data and Racial Inequality Project Conference, Columbia University, 2023
Department Representative for Summer Session, Columbia University, 2022, 2023, 2024
Faculty Search Committee, Columbia University, 2021, 2023

Conference Service

Co-convenor, Annual Meeting of the International Network of Analytical Sociology, New York, NY, 2025
Organizer, "Inequalities and Social Justice in the 21st Century City," ASA Pre-Conference, New York, NY, 2019
Session organizer, "Fair Housing Research 50 Years after the Fair Housing Act," APPAM Fall Research Conference, Washington, DC, 2018
Session organizer, "Understanding the Locational Decisions and Outcomes of Assisted Housing Recipients," APPAM Fall Research Conference, Chicago, IL, 2017
Session organizer, "Reforming the Housing Choice Voucher Program," APPAM Fall Research Conference, Chicago, IL, 2017
Discussant, "Gentrification and Urban Policies," Urban Economics Association Annual Meeting, Minneapolis, MN, 2016
Session organizer, "Gentrification in the 21st Century," APPAM Fall Research Conference, Washington, DC, 2016

Journal Review Service

American Journal of Sociology	Review of Economics and Statistics
American Political Science Review	Social Forces
American Sociological Review	Sociological Methods and Research
Journal of Politics	Sociology of Education
Journal of Public Economics	Criminology & Public Policy
PLoS ONE	
Proceedings of the National Academy of Sciences	

Grant Review Service

William T. Grant Foundation

Other Service

Member, International Network of Analytical Sociology Council, 2025-2026

STUDENT ADVISING

PhD Advisees

Jon Ben-Menachem, Sociology, Columbia University, Exp. 2026

Joanna Chae, Sociology, Columbia University, 2025
Sam Donahue, Sociology, Columbia University, 2025
Timothy Ittner, Sociology, Columbia University, 2024
Mireia Triguero Roura, Sociology, Columbia University, 2024
Josh Aleksanyan, Sociology, Columbia University, 2023
Sang Won Han, Sociology, Columbia University, 2022

Master's Advisees

Jasmeen Bains, Sociology, Columbia University, 2023-2024
Nicole Sarette, Sociology, Columbia University, 2022-2023
Susie Du, Sociology, Columbia University, 2022-2023
Nina Zhou, QMSS, Columbia University, 2022-2023
Chandler Jong, QMSS, Columbia University, 2022-2023
Yumo Wang, Sociology, Columbia University, 2021-2022
Jane Mills, QMSS, Columbia University, 2020-2021
Anika Lanser, Sociology, Columbia University, 2020-2021

PERSONAL

Born in Barcelona, Spain
Languages: Spanish and Catalan (Native), English (Fluent), French (Intermediate)

NON-ACADEMIC EMPLOYMENT AND SERVICE

Barcelona Fire Department, Spain	
Fire-Fighter (full-time, civil servant)	2007-2011