

FRANCISCA G.-C. RICHTER, Ph.D.

Faculty Biographical Sketch

Francisca García – Cobián Richter is an Assistant Research Professor at the Jack, Joseph and Morton Mandel School of Applied Social Sciences, Case Western Reserve University. She is also a Faculty Associate with the Center on Urban Poverty and Community Development at CWRU. A native of Peru, she earned an undergraduate degree in statistics from Universidad Católica del Perú (1994). Her M.S. in statistics (1997) and Ph.D. in agricultural economics (2000) are both from Oklahoma State University.

Dr. Richter's work focuses on the processes, policies, and interventions that influence social welfare. An important part of this work requires the identification of contextual or intervention effects, which constitute the building blocks of economic impact analyses. She has experience in the econometric modeling of panel data, including large integrated data systems, via quantile regression, multinomial probability models, fixed effects models, spatial dynamic models, instrumental variable estimation of treatment effects, propensity score matching, and others. Whenever possible, she looks to integrate quantitative and qualitative methods of analysis within a multidisciplinary framework.

- Her most recent work is centered on the analysis of children's outcomes when exposed to distressed neighborhoods and housing, as well as potential interventions to address the challenges faced by this population.
- She is also involved in the evaluation of a social investment bond experiment that aims to improve outcomes for families in the foster care system whose caregivers face severe housing instability.
- Other ongoing areas of research include predictive modeling for health interventions, low-income housing programs, mobility in low-income neighborhoods, and neighborhood effects.
- Dr. Richter is also associate director and founder of the Math Corps Cleveland, a branch of Wayne State University's highly successful program for underserved middle and high-school students, providing academic enrichment and near-peer mentorship in a community-oriented setting.