Professor Emma Zang
Assistant Professor of Sociology, Biostatistics (Secondary) and Global Affairs (Secondary)
Department of Sociology
Yale University

Biography
Professor Emma Zang is an Assistant Professor in the Department of Sociology, with secondary appointments in Biostatistics and Global Affairs at Yale University. She completed her PhD in Public Policy and Master in Economics at Duke University; and Master of Philosophy in Social Science at The Hong Kong University of Science and Technology. In 2021-22, she was a Visiting Research Scholar at the Center for Health and Wellbeing within the Princeton School of Public and International Affairs at Princeton University. In Spring 2024, she's a Visiting Scholar at the Institute for Work and Employment Research within the MIT Sloan School of Management.

Professor Zang's research interests intersect at the nexus of health and aging, family demography, and inequality, employing advanced data science and statistical tools. She also develops and evaluates statistical methods to model trajectories and life transitions, aiming to understand health disparities from a life course perspective. Her research primarily focuses on employing Bayesian approaches to: modeling trajectories; integrating multiple data sources; and constructing multi-state life tables using high-dimensional survey data. Additionally, her work evaluates classic demographic and sociological methods, including the Age-Period-Cohort Intrinsic Estimator and the Diagonal Mobility Model. Her work has appeared in journals such as *Nature Human Behaviour*, *American Journal of Sociology*, *Demography*, *Population and Development Review*, *Psychological Methods*, and *JAMA Internal Medicine*. Multiple of her projects have been funded by the National Institute of Health.

Her research has received media coverage from over 100 outlets in the United States, China, South Korea, India, and Singapore. Her work has received multiple academic awards from the American Sociological Association, the International Sociological Association Research Committee on Social Stratification and Mobility, IPUMS USA, the Southern Demographic Association, and the Social Science History Association.