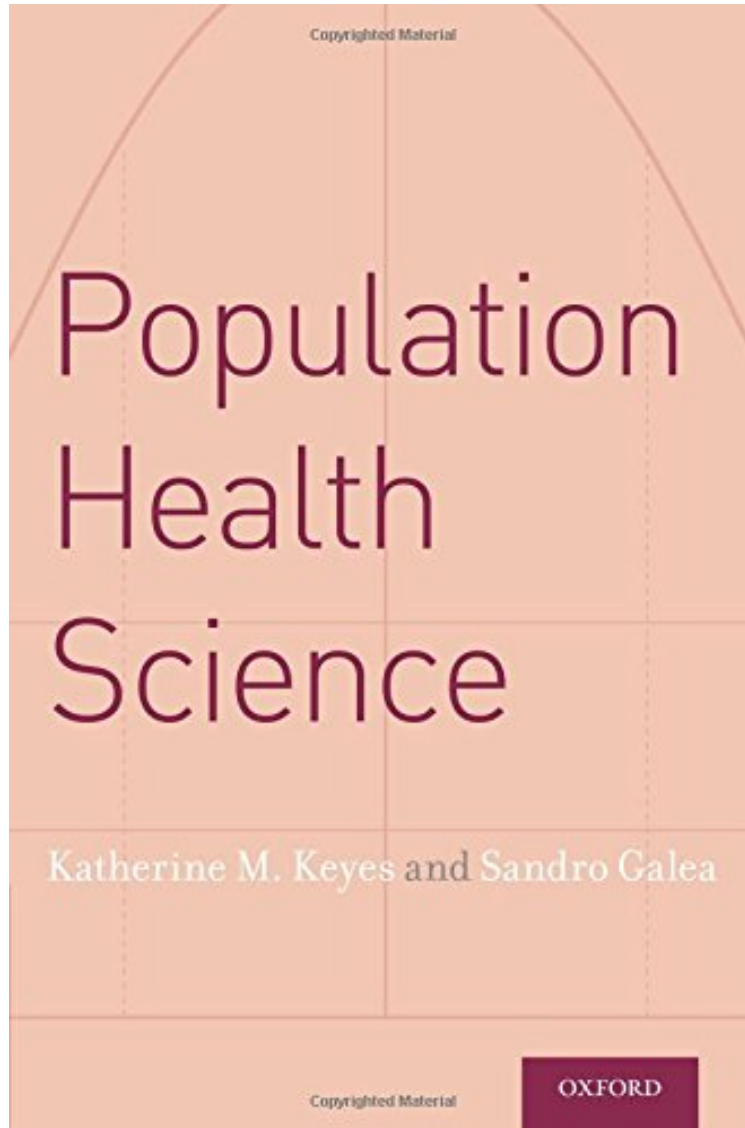


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Population Health Science

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Katherine M. Keyes, Sandro Galea : Population Health Science before purchasing it in order to gage whether or not it would be worth my time, and all praised Population Health Science:

POPULATION HEALTH SCIENCE formalizes an emerging discipline at the crossroads of social and medical sciences, demography, and economics--an emerging approach to population studies that represents a seismic shift in how traditional health sciences measure and observe health events. Bringing together theories and methods from

diverse fields, this text provides grounding in the factors that shape population health. The overall approach is one of consequentialist science: designing creative studies that identify causal factors in health with multidisciplinary rigor. Distilled into nine foundational principles, this book guides readers through population science studies that strategically incorporate: macrosocial factors multilevel, lifecourse, and systems theories prevention science fundamentals return on investment equity and efficiency Harnessing the power of scientific inquiry and codifying the knowledge base for a burgeoning field, POPULATION HEALTH SCIENCE arms readers with tools to shift the curve of population health.

"A major milestone in this emergent discipline. It should be required introductory reading for students in public health, health policy, health economics, behavioral sciences, and related fields. This not a repackaging of traditional public health methodologies. Rather, it is an emergent discussion of nine unifying theoretical principles of population health science, complete with excellent case studies, that will extend and inform the practice of both public health and preventative medicine." -Julie Louise Gerberding, MD, MPH, Chief Patient Officer and Executive Vice President of Strategic Communications, Global Public Policy, and Population Health, Merck Co., Inc.; former Director, U.S. Centers for Disease Control and Prevention About the Author Katherine M. Keyes, PhD, is an Assistant Professor of Epidemiology at Columbia University. Her research focuses on life course epidemiology with particular attention to psychiatric disorders, including cross-generational cohort effects on substance use, mental health, and chronic disease. She has particular expertise in the development and application of novel epidemiological methods, and in the development of epidemiological theory to measure and elucidate the drivers of population health. Sandro Galea, MD, DrPH, is the Robert A. Knox Professor and Dean at the School of Public Health at Boston University. A physician and epidemiologist interested in the social production of health of urban populations, his work explores innovative cells-to-society approaches to population health questions, with an overall aim of advancing a consequentialist approach to population health scholarship. He is a past president of the Society for Epidemiologic Research and an elected member of the National Academy of Medicine. Together Keyes and Galea have taught introductory epidemiology across various institutions for more than 15 years.