Record Nr. UNINA9910140284803321 Modern environments and human health: revisiting the second **Titolo** epidemiological transition / / edited by Molly K. Zuckerman Pubbl/distr/stampa Hoboken, New Jersey:,: John Wiley & Sons,, 2014 ©2014 **ISBN** 1-118-50429-1 1-118-50433-X 1-118-50431-3 Descrizione fisica 1 online resource (413 p.) Classificazione SOC002020 Disciplina 616.98 Soggetti Environmental health Health transition Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references at the end of each chapters and Nota di bibliografia index. Machine generated contents note: Contributors vii Acknowledgments Nota di contenuto ix 1 Introduction: Interdisciplinary Approaches to the Second Epidemiologic Transition 1 Molly K. Zuckerman Part 1 Causes of the Second Epidemiologic Transition 2 Infectious Disease in Philadelphia. 1690-1807: An Ecological Perspective 17 Gilda M. Anroman 3 Modeling the Second Epidemiologic Transition in London: Patterns of Mortality and Frailty during Industrialization 35 Sharon N. DeWitte 4 The Wider Background of the Second Transition in Europe: Information from Skeletal Material 55 Nikola Koepke 5 The Epidemiological Transition in Practice: Consumption, Phthisis, and TB in the 19th Century 81 Jeffrey K. Beemer Part 2 Epidemic Infectious Disease and the Second Epidemiologic Transition 6 Agent-Based Modeling and the Second Epidemiologic Transition 105 Carolyn Orbann, Jessica Dimka, Erin Miller and Lisa Sattenspiel 7 Does Exposure to Influenza Very Early in Life Affect Mortality Risk during a Subsequent Outbreak? The 1890 and 1918 Pandemics in Canada 123 Stacey Hallman and Alain Gagnon Part 3 Regional and Temporal Variation in the Second Epidemiologic Transition 8 The Second Epidemiologic Transition in Western Poland 139 Alicja Budnik 9 The Timing of the Second Epidemiologic Transition

in Small US Towns and Cities: Evidence from Local Cemeteries 163 Lisa Sattenspiel and Rebecca S. Lander 10 Industrialization and the Changing Mortality Environment in an English Community during the Industrial Revolution 179 Peter M. Kitson Part 4 Marginalized and Underrepresented Communities in the Second Epidemiologic Transition 11 Short Women and Their Stagnating Growth: A Study of Biological Welfare and Inequality of Women in Postcolonial India 201 Aravinda Meera Guntupalli 12 Tracking the Second Epidemiologic Transition Using Bioarchaeological Data on Infant Morbidity and Mortality 225 Megan A. Perry 13 The Biological Effects of Urbanization and In-Migration on 19th-Century-Born African Americans and Euro-Americans of Low Socioeconomic Status: An Anthropological and Historical Approach 243 Carlina de la Cova Part 5 The Environment and the Second Epidemiologic Transition 14 Reassessing the Good and Bad of Modern Environments: Developing a More Comprehensive Approach to Health Trend Assessment 267 Lawrence M. Schell 15 Childhood Lead Exposure in the British Isles during the Industrial Revolution 279 Andrew Millard, Janet Montgomery, Mark Trickett, Julia Beaumont, Jane Evans, and Simon Chenery 16 The Hygiene Hypothesis and the Second Epidemiologic Transition 301 Molly K. Zuckerman and George J. Armelagos 17 Comparative Parasitological Perspectives on Epidemiologic Transitions: The Americas and Europe 321 Karl J. Reinhard and Elisa Pucu de Araújo Part 6 Epilogue 18 The Second Epidemiologic Transition, Adaptation, and the Evolutionary Paradigm 339 George J. Armelagos 19 The Second Epidemiologic Transition from an Epidemiologist's Perspective 353 Nancy L. Fleischer and Robert E. McKeown 20 Methodological Perspectives on the Second Epidemiologic Transition: Current and Future Research 369 Richard H. Steckel 21 The Current State of Knowledge on the Industrial Epidemiologic Transition: Where Do We Go from Here? 377 Timothy B. Gage Index 393.

## Sommario/riassunto

"Written in an engaging and jargon-free style by a team of international and interdisciplinary experts, Modern Environments and Human Health demonstrates by example how methods, theoretical approaches, and data from a wide range of disciplines can be used to resolve longstanding questions about the second epidemiological transition. The first book to address the subject from a multi-regional, comparative, and interdisciplinary perspective, Modern Environments and Human Health is a valuable resource for students and academics in biological anthropology, economics, history, public health, demography, and epidemiology"--