How can society most effectively prevent disease and promote health? This is the challenge addressed by this textbook.

Public health has been defined as the art and science of preventing disease, prolonging life and promoting health through the organised efforts of society. The ‘science’ is concerned with making a diagnosis of a population’s health problems, establishing their cause, and determining effective interventions. The ‘art’ is to address these problems creatively. The aim of this book is to capture both the art and the science of the field.

*Essential Public Health – Theory and Practice* is divided into two major sections. The first part provides a toolkit of skills the practitioner must acquire, including coverage of all the disciplines underpinning public health. Part two describes the challenges faced, and explains how to go about the task. This section takes a life-course approach, considering the challenges of child public health, before moving on to the health of adults and older people. The section concludes with consideration of health inequalities, quality measurement techniques and global public health before examining opportunities to improve public health for the future.

This will be essential reading for those training in health care, social care and related disciplines such as environmental health. It includes a CD containing interactive, self-assessment questions and exercises to test understanding.

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Myriad challenges face international health today, from the prospect of hundreds of millions of tobacco-related deaths in the twenty-first century, to the devastation of sub-Saharan Africa by AIDS, to the rise of cardiovascular and metabolic diseases in many countries still laid low by ancient communicable diseases. The tide of the tobacco epidemic is turning in Britain and in some other industrialised countries, but in these places further progress depends on greater use of proven life-saving interventions (such as those in the prevention of vascular diseases) as well as on appropriate responses to challenges posed by ageing populations, unhealthy lifestyles and major – but comparatively neglected – sources of disability such as mental and musculoskeletal diseases.

The editors of this book have produced a lucid and thoughtful account of critical perspectives and tools that will enable students and practitioners to understand and tackle such prevailing problems in public health. This book’s appeal to health-care professionals from many different backgrounds should help to advance the interdisciplinary approach to health promotion and disease prevention that the editors themselves wisely advocate.

John Danesh
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Public health knowledge and practice is derived from a number of different academic fields. This makes the specialty very stimulating but immediately confronts the student with a dilemma: breadth versus depth. This book strikes the right balance between the need for coverage of several relevant disciplines with the detail required to understand specific public health challenges. We all need to use the frameworks described here to locate our learning and practice.

The three-domains model of public health practice described in the introduction has utility for all health workers – and we need to reflect on the location of information we use at the intersection of the three domains. Modern information technology provides assistance to health practitioners, e.g. through search engines and internet resources, but the growth in information and specialised knowledge characteristic of modern health systems can be overwhelming. For practitioners dedicated to improving public health there is always a ‘population of interest’. For example, for the health visitor deprived families in her locality, for the general practitioner a practice population, for the director of public health a whole population and for the paediatrician or children’s lead manager a subset of that population.

The community diagnostic model and the life-course structure is welcome. This book is written to assist learning for students from many disciplines studying public health. They will benefit from the clarity of the authors’ approach, the wisdom distilled here and the recognition of our global and local public health challenges.

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