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Epidemiology for Public Health Practice *Jones & Bartlett Learning*

Epidemiology for Public Health Practice is a best-selling text offering comprehensive coverage of all the major topics in introductory epidemiology and alignment to the core competencies in epidemiology for graduate and undergraduate courses. With extensive treatment of the heart of epidemiology—from study designs to descriptive epidemiology to quantitative measures—this reader-friendly text is

accessible and interesting to a wide range of beginning students in all health-related disciplines. A unique focus is given to real-world applications of epidemiology and the development of skills that students can apply in subsequent course work and in the field.

Epidemiology for Public Health Practice Jones & Bartlett Publishers
5161-8

Epidemiology in Public Health Practice

Over the past decades, epidemiology has made a relevant contribution to public health by identifying health problems and analysing their determinants. Recent developments call for new and applied methods to support

the planning, implementation and evaluation of public health policies and programmes. This book presents an integrated overview of such epidemiological methods, to be used within the joined working process of several public health disciplines. It provides relevant theories, concepts and tools, illustrated with practical examples in order to empower epidemiologists in public health. The first part of this book describes epidemiological history in a nutshell and explains the relationship with the public health domain. It closes with the presentation of a joint work cycle for policy, practice and research: the public health cycle. Part two presents seven steps epidemiologists should follow to strengthen their contribution to the public health cycle: conduct a needs

assessment, support priority setting, formulate aims and objectives, construct a logic model, develop an evaluation plan, perform quality control, and analyse processes and outcomes. Part three illustrates the institutional architecture of public health and describes the professional fields of policy and health promotion as knowledge of these major fields facilitates interdisciplinary collaboration in each stage of the public health cycle. This book is intended for students and epidemiologists in public health practice. It was written by 20 Dutch authors with either longstanding experience or fresh enthusiasm. The editors are all affiliated with Academic Collaborative Centres for Public Health in the Netherlands, which aim to bridge the gap between policy,

practice and research.

Applied Epidemiology

Theory to Practice *Oxford University Press, USA*

Applies traditional epidemiologic methods for determining disease etiology to the real-life applications of public health and health services research. This text contains a chapter on the development and use of systematic reviews and one on epidemiology and the law.

Essentials of Epidemiology in Public Health *Jones & Bartlett Learning*
5733-8

Perinatal Epidemiology for Public Health Practice *Springer Science &*

Business Media

Perinatal Epidemiology synthesizes perinatal knowledge through the lens of public health practice. This comprehensive text uses a consistent, logical format to offer readers: (1) A spectrum of topics affecting maternal and infant health: reproductive health concerns, maternal and infant morbidity and mortality, and gestation and fetal growth. (2) Information on timely issues, including infertility, gestational diabetes, preterm delivery, postpartum depression, and SIDS. (3) Detailed discussions of current epidemiological trends, measures and measurement issues, data sources, and risk and protective factors for each condition covered. (4) In-depth consideration of public health interventions and their

availability, strengths and limitations. (5) Emerging areas of interest and directions for research. (6) Text boxes, definitions of key terms, discussion questions, appendices, and other helpful features. Perinatal Epidemiology is a valuable, ready resource for public health professionals in maternal and child care, reproduction and fertility. Its accessibility and easy-use format make it an equally strong textbook for courses in these fields as well as for advanced medical and nursing students in OB/GYN and pediatrics.

Law in Public Health Practice *Oxford University Press*

Written jointly by experts in law and in public health, this book is designed specifically for public health

practitioners, lawyers, healthcare providers, and law and public health educators and students. It identifies, defines, and clarifies the complex principles of law as they bear on the practice of public health.

Ethics in Epidemiology and Public Health Practice

Collected Works *Quill*

Epidemiology for Public Health Practice

Student Study Guide *Jones & Bartlett Learning*

Essential Public Health

Theory and Practice *Cambridge University Press*

How can society most effectively prevent disease and promote health? That is the challenge addressed by this textbook. Public health is 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' lies in creatively addressing these problems. Essential Public Health captures both the art and science of the field. This second edition has been fully updated with contemporary examples and includes new chapters on sustainability and change, management and leadership.

Examples are taken from health systems throughout the world, giving readers a wider perspective of the challenges faced. This is essential reading for all trainees in health care, social care and related disciplines. An internet companion includes supplementary information and interactive, self-assessment questions to test understanding and aid learning.

Oxford Textbook of Global Public Health *Oxford University Press*

Sixth edition of the hugely successful, internationally recognised textbook on global public health and epidemiology comprehensively covering the scope, methods, and practice of the discipline.

Ethics in Epidemiology and Public

Health Practice

Collected Works *Amer Public Health Assn*

This new anthology of articles substantially updates and expands the topics dealt with in the first edition of the book. Topics covered in this second edition include ethical issues in epidemiologic research, public health practice, ethics instruction, and ethics guidelines for epidemiologists. Several theoretical and applied aspects of public health ethics at public health agencies and institutions are also dealt with including general ethical principles and organizational ethics

Applied Health Economics for Public Health Practice and Research *Oxford*

University Press

In today's world of scarce resources, determining the optimal allocation of funds to preventive health care interventions (PHIs) is a challenge. The upfront investments needed must be viewed as long term projects, the benefits of which we will experience in the future. The long term positive change to PHIs from economic investment can be seen across multiple sectors such as health care, education, employment and beyond. *Applied Health Economics for Public Health Practice and Research* is the fifth in the series of *Handbooks in Health Economic Evaluation*. It presents new research on health economics methodology and application to the evaluation of public health interventions. Looking at

traditional as well as novel methods of economic evaluation, the book covers the history of economics of public health and the economic rationale for government investment in prevention. In addition, it looks at principles of health economics, evidence synthesis, key methods of economic evaluation with accompanying case studies, and much more. Looking to the future, *Applied Health Economics for Public Health Practice and Research* presents priorities for research in the field of public health economics. It acknowledges the role played by natural environment in promoting better health, and the place of genetics, environment and socioeconomic status in determining population health. Ideal for health economists, public health researchers,

local government workers, health care professionals, and those responsible for health policy development. Applied Health Economics for Public Health Practice and Research is an important contribution to the economic discussion of public health and resource allocation.

Evidence-Based Public Health *OUP USA*

The authors deal not only with finding and using scientific evidence, but also with implementation and evaluation of interventions that generate new evidence on effectiveness. Each chapter covers the basic issues and provides multiple examples to illustrate important concepts.

Oxford Handbook of Public Health

Practice *Oxford University Press*

Fully revised and updated for the third edition, the Oxford Handbook of Public Health Practice remains the first resort for all those working in this broad field. Structured to assist with practical tasks, translating evidence into policy, and providing concise summaries and real-world issues from across the globe, this literally provides a world of experience at your fingertips. Easy-to-use, concise and practical, it is structured into seven parts that focus on the vital areas of assessment, data and information, direct action, policy, health-care systems, personal effectiveness and organisational development. Reflecting recent advances, the most promising developments in practical public health are presented, as well as maintaining

essential summaries of core disciplines. This handbook is designed to assist students and practitioners around the world, for improved management of disasters, epidemics, health behaviour, acute and chronic disease prevention, community and government action, environmental health, vulnerable populations, and more.

Lecture Notes: Epidemiology, Evidence-based Medicine and Public Health *John Wiley & Sons*

Translating the evidence from the bedside to populations This sixth edition of the best-selling Epidemiology, Evidence-based Medicine and Public Health Lecture Notes equips students and health professionals with the basic tools required to learn,

practice and teach epidemiology and health prevention in a contemporary setting. The first section, 'Epidemiology', introduces the fundamental principles and scientific basis behind work to improve the health of populations, including a new chapter on genetic epidemiology. Applying the current and best scientific evidence to treatment at both individual and population level is intrinsically linked to epidemiology and public health, and has been introduced in a brand new second section: 'Evidence-based Medicine' (EBM), with advice on how to incorporate EBM principles into your own practice. The third section, 'Public Health', introduces students to public health practice, including strategies and tools used to prevent disease, prolong life,

reduce inequalities, and includes global health. Thoroughly updated throughout, including new studies and cases from around the globe, key learning features include: Learning objectives and key points in every chapter Extended coverage of critical appraisal and data interpretation A brand new self-assessment section of SAQs and 'True/False' questions for each topic A glossary to quickly identify the meaning of key terms, all of which are highlighted for study and exam preparation Further reading suggestions on each topic Whether approaching these topics for the first time, starting a special study module or placement, or looking for a quick-reference summary, this book offers medical students, junior doctors, and public health students an

invaluable collection of theoretical and practical information.

Epidemiology, Biostatistics, and Preventive Medicine *Elsevier Health Sciences*

You'll find the latest on healthcare policy and financing, infectious diseases, chronic disease, and disease prevention technology.

EBOOK: An Introduction to Public Health and Epidemiology *McGraw-Hill Education (UK)*

"The contents are not specifically nursing orientated but very neatly balanced to be of relevance to all working in the public health arena...the book is well written, the language is clear, and the concepts clearly and

simply explained and easily understood”
 Journal of Biosocial Science What are epidemiology and public health? What is the nature of public health evidence and knowledge? What strategies can be used to protect and improve health? The second edition of this bestselling book provides a multi-professional introduction to the key concepts in public health and epidemiology. It presents a broad, interactive account of contemporary public health, placing an emphasis on developing public health skills and stimulating the reader to think through the issues for themselves. The new edition features additional material on: Historical perspectives Public health skills for practice Evaluation of public health interventions The nature of evidence and public health knowledge

Translating policy and evidence into practice An Introduction to Public Health and Epidemiology is key reading for students of public health and healthcare professionals, including: nurses, doctors, community development workers and public health workers.

Epidemiology 101 *Jones & Bartlett Publishers*

As an increasing number of colleges and universities call for an epidemiologic content into liberal arts programs. This title is designed to meet the needs of instructors teaching and overview or introductory course of epidemiology. In an easy-to-read and understandable format, the text demonstrates applied approaches in everyday life and also to specific health outcomes. Key Features:

Numbers case studies Text boxes and vignettes throughout Exhibits Photographs Figures Illustrations Looking for more real-life evidence? Check out Cases 1-5, 19, & 21 in *Essential Case Studies in Public Health, Putting Public Health into Practice*.

Essentials of Environmental Health
Jones & Bartlett Learning

This best-selling offering from the APHA/JB Learning Essential Public Health series is a clear and comprehensive study of the major topics of environmental health. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition.

Health Protection

Principles and practice *Oxford University Press*

Health Protection: Principles and practice is a practical guide for practitioners working at all levels in public health and health protection, including those with a non-specialist background. It is the first textbook in health protection to address all three domains within the field (communicable disease control; emergency preparedness, resilience and response (EPRR); and environmental public health) in a comprehensive and integrated manner. Written by leading practitioners in the field, the book is rooted in a practice-led, all-hazards approach, which allows for easy real-world application of the topics discussed. The chapters are arranged in six sections, which begin with an in-depth

introduction to the principles of health protection and go on to illuminate the three key elements of the field by providing: case studies and scenarios to describe common and important issues in the practice of health protection; health protection tools, which span epidemiology and statistics, infection control, immunisation, disease surveillance, and audit and service improvement; and evidence about new and emerging health protection issues. It includes more than 100 health protection checklists (SIMCARDs), covering infections from anthrax to yellow fever, non-infectious diseases emergencies and environmental hazards. Written from first-hand experience of managing communicable diseases these provide practical, stand-

alone quick reference guides for in-practice use. Both the topical content of Health Protection: Principles and practice, and the clearly described health protection principles the book provides, makes it a highly relevant resource for wider public health and health protection professionals in this continually evolving field.

Basic Biostatistics *Jones & Bartlett Publishers*

Basic Biostatistics is a concise, introductory text that covers biostatistical principles and focuses on the common types of data encountered in public health and biomedical fields. The text puts equal emphasis on exploratory and confirmatory statistical methods. Sampling, exploratory data

analysis, estimation, hypothesis testing, and power and precision are covered through detailed, illustrative examples. The book is organized into three parts: Part I addresses basic concepts and techniques; Part II covers analytic techniques for quantitative response variables; and Part III covers techniques for categorical responses. The Second Edition offers many new exercises as well as an all new chapter on "Poisson Random Variables and the Analysis of Rates." With language, examples, and exercises that are accessible to students with modest mathematical backgrounds, this is the perfect introductory biostatistics text for undergraduates and graduates in various fields of public health. Features: Illustrative, relevant examples and exercises incorporated

throughout the book. Answers to odd-numbered exercises provided in the back of the book. (Instructors may requests answers to even-numbered exercises from the publisher. Chapters are intentionally brief and limited in scope to allow for flexibility in the order of coverage. Equal attention is given to manual calculations as well as the use of statistical software such as StaTable, SPSS, and WinPepi. Comprehensive Companion Website with Student and Instructor's Resources.

Essentials of Epidemiology in Public Health *Jones & Bartlett Publishers*

Successfully tested in the authors' courses at Boston University and Harvard University, this text combines theory and practice in presenting

traditional and new epidemiologic concepts. Broad in scope, the text opens with five chapters covering the basic epidemiologic concepts and data sources. A major emphasis is placed on study design, with separate chapters devoted to each of the three main analytic designs: experimental, cohort, and case-control studies. Full chapters on bias, confounding, and random error, including the role of statistics in epidemiology, ensure that students are well-equipped with the necessary information to interpret the results of epidemiologic studies. An entire chapter is also devoted to the concept of effect measure modification, an often-neglected topic in introductory textbooks. Up-to-date examples from the epidemiologic literature on diseases of

public health importance are provided throughout the book. The Third Edition is a thorough update that offers: New examples, the latest references, and public health statistics. Nearly 50 new review questions. Updated discussion of certain epidemiologic methods. New figures depicting epidemiologic concepts."

Urban Public Health

A Research Toolkit for Practice and Impact *Oxford University Press*

Today, we know cities as shared spaces with the potential to both threaten and promote human health: while urban areas are known to amplify the transmission of epidemics like Ebola, urban residency is also associated with

longer, healthier lives. Modern cities encompass a wide ecology of infrastructures, institutions and services that impact health, from access to improved sanitation and early childhood education to the design of buildings and transportation systems. So how has this centuries-long transformation in human settlement affected the mindset surrounding public health research and practice? Urban Public Health is an interdisciplinary collaboration from experts across the globe that approaches the issue of urban health research from a uniquely public health orientation. The carefully crafted and thoughtful chapters in this volume grapple with the complexity of the urban setting as a physical and social space while also providing an abundance of

global and local examples of current urban health practices. Urban Public Health is divided into four pragmatic sections which cover core conceptual models of public health and their inequities, methods of urban health research assessment, methods of urban health research analysis and explanation, and ultimately, opportunities for urban health research to inform action through partnership and collaboration, including those which elevate community voices and capacities. An accessible guide for both students and researchers alike, Urban Public Health shines a light on how to understand, measure and change the urban setting so that cities grow, people thrive, and no one is left behind.

Perinatal Epidemiology for Public Health Practice *Springer*

Perinatal Epidemiology synthesizes perinatal knowledge through the lens of public health practice. This comprehensive text uses a consistent, logical format to offer readers: (1) A spectrum of topics affecting maternal and infant health: reproductive health concerns, maternal and infant morbidity and mortality, and gestation and fetal growth. (2) Information on timely issues, including infertility, gestational diabetes, preterm delivery, postpartum depression, and SIDS. (3) Detailed discussions of current epidemiological trends, measures and measurement issues, data sources, and risk and protective factors for each condition covered. (4) In-depth consideration of

public health interventions and their availability, strengths and limitations. (5) Emerging areas of interest and directions for research. (6) Text boxes, definitions of key terms, discussion questions, appendices, and other helpful features. Perinatal Epidemiology is a valuable, ready resource for public health professionals in maternal and child care, reproduction and fertility. Its accessibility and easy-use format make it an equally strong textbook for courses in these fields as well as for advanced medical and nursing students in OB/GYN and pediatrics.

Concepts of Epidemiology

Integrating the Ideas, Theories, Principles, and Methods of

Epidemiology *Oxford University Press*

Epidemiology is a population science that underpins health improvement and health care, by exploring and establishing the pattern, frequency, trends, and causes of a disease. Concepts of Epidemiology comprehensively describes the application of core epidemiological concepts and principles to readers interested in population health research, policy making, health service planning, health promotion, and clinical care. The book provides an overview of study designs and practical framework for the geographical analysis of diseases, including accounting for error and bias within studies. It discusses the ways in which epidemiological data are presented, explains the distinction

between association and causation, as well as relative and absolute risks, and considers the theoretical and ethical basis of epidemiology both in the past and the future. This new edition places even greater emphasis on interactive learning. Each chapter includes learning objectives, theoretical and numerical exercises, questions and answers, a summary of the key points, and exemplar panels to illustrate the concepts and methods under consideration. Written in an accessible and engaging style, with a specialized glossary to explain and define technical terminology, Concepts of Epidemiology is ideal for postgraduate students in epidemiology, public health, and health policy. It is also perfect for clinicians, undergraduate students

and researchers in medicine, nursing and other health disciplines who wish to improve their understanding of fundamental epidemiological concepts.

Physical Activity and Public Health Practice *Springer Publishing Company*

Physical Activity in Public Health Practice provides the first evidence-based, practical textbook to guide readers through the process of conceptualizing, justifying, implementing, and evaluating physical activity interventions across a broad array of settings and populations. Section One begins with an overview of epidemiology, measurement, critical milestones, and the importance of moving beyond individual-level physical activity intervention, to interventions aimed at policy-, systems-, and

environmental-level changes. Section Two considers planning interventions across a variety of settings and populations, including general concepts for implementation and evaluation, how to build effective coalitions, steps for developing community-, regional- or state-level strategic plans, and effectively translating policy into practice. Section Three addresses how to implement physical activity strategies across a variety of settings, including worksites, faith-based settings, healthcare settings, schools, and parks and recreation. This section also provides guidance on the complexities and challenges of targeting interventions for specific populations, such as families, older adults, persons with disabilities, as well as different strategies for urban and

rural populations. Lastly, Section Four outlines effective strategies for how to evaluate interventions depending upon impact, outcome, and cost evaluation, and dissemination models for your intervention. Presented from both a research and a practice perspective while discussing the best available research, this book provides the basis for planning and implementing physical activity programs that work and can build healthier communities. This hands-on text incorporates learning objectives, real-world examples, case studies, and bulleted lists whenever possible so that the content can be digested easily not only in undergraduate and graduate course settings but also by public health workers and other health educators in practice. Written by world experts and

augmented by practical applications, this textbook prepares public health students and practitioners to develop effective interventions and spur greater physical activity in their communities. Key Features: Provides effective strategies for properly measuring and increasing physical activity in communities Demonstrates how to carry out physical activity interventions across a variety of settings, including schools, communities, worksites and many more Discusses methods for directing physical activity interventions to specific populations Delivers strategies for building successful partnerships and coalitions Practical group activities, exercises, discussion questions, audio podcast discussions, and a full instructor packet accompany the textbook

Basic Epidemiology *World Health Organization*

Basic epidemiology provides an introduction to the core principles and methods of epidemiology, with a special emphasis on public health applications in developing countries. This edition includes chapters on the nature and uses of epidemiology; the epidemiological approach to defining and measuring the occurrence of health-related states in populations; the strengths and limitations of epidemiological study designs; and the role of epidemiology in evaluating the effectiveness and efficiency of health care. The book has a particular emphasis on modifiable environmental factors and encourages the application of epidemiology to the prevention of

disease and the promotion of health, including environmental and occupational health.

Practical Healthcare Epidemiology *Cambridge University Press*

Practical Healthcare Epidemiology takes a hands-on approach to infection prevention for physicians, healthcare epidemiologists, infection preventionists, microbiologists, nurses, and other healthcare professionals. Increased regulatory requirements and patient knowledge and involvement has elevated patient safety, healthcare-associated infections, antibiotic stewardship and quality-of-care to healthcare wide issues. This fully updated new edition brings together the expertise of leaders in healthcare

epidemiology to provide best practice expert guidance on infection prevention for adult and pediatric patients in all types of healthcare facilities, from community hospitals and academic institutions, to long-term care and resource limited settings. Written in clear, straightforward terms to address prevention planning and immediate responses to specific situations, this is the go-to resource for any practitioners in medicine or public health involved in infection prevention, regardless of their current expertise in the field.

Public Health Ethics

Theory, Policy, and Practice *Oxford University Press, USA*

As it seeks to protect the health of

populations, public health inevitably confronts a range of critical ethical challenges. This volume brings together 25 articles that open up the terrain of the ethics of public health. It features topics such as tobacco and drug control, and infectious disease.

The Future of Public Health *National Academies Press*

"The Nation has lost sight of its public health goals and has allowed the system of public health to fall into 'disarray'," from *The Future of Public Health*. This startling book contains proposals for ensuring that public health service programs are efficient and effective enough to deal not only with the topics of today, but also with those of tomorrow. In addition, the authors make

recommendations for core functions in public health assessment, policy development, and service assurances, and identify the level of government--federal, state, and local--at which these functions would best be handled.

Epidemiology for the Advanced Practice Nurse

A Population Health Approach *Springer Publishing Company*

Written by nurses for nurses, this graduate-level text disseminates the core principles of epidemiology within a population health framework and provides practical knowledge nurses can use to analyze and improve healthcare in the community. Informed by the evolution of epidemiological science

resulting from the Covid-19 pandemic, this book demonstrates how epidemiology can have a profound impact on health. It showcases a variety of settings and epidemiological roles demonstrating the importance and practicality of this discipline. Clear and concise, this text explains the basics of population health followed by epidemiology concepts and designs. It is distinguished by its application-based case studies, analytical tools of epidemiology, and calculations, which foster skill development and necessary familiarity of the subject. Also included is an important Biostatistics Primer, relevant content from Healthy People 2030, and an "Epidemiology in Practice" section focusing on examples from different epidemiology arenas. Key

Features: Includes application-based cases, tools, and calculations throughout to help students develop practical epidemiologic skills Provides background and understanding of health disparities and determinants of health Includes relevant information from Healthy People 2030 Includes discussion questions, learning objectives, terminology review, tables, and figures in each chapter Delivers up-to-date information on epidemiology in the time of Covid-19 Includes access to an Instructor's Manual with additional case studies

The Future of the Public's Health in the 21st Century *National Academies Press*

The anthrax incidents following the 9/11

terrorist attacks put the spotlight on the nation's public health agencies, placing it under an unprecedented scrutiny that added new dimensions to the complex issues considered in this report. The Future of the Public's Health in the 21st Century reaffirms the vision of Healthy People 2010, and outlines a systems approach to assuring the nation's health in practice, research, and policy. This approach focuses on joining the unique resources and perspectives of diverse sectors and entities and challenges these groups to work in a concerted, strategic way to promote and protect the public's health. Focusing on diverse partnerships as the framework for public health, the book discusses: The need for a shift from an individual to a population-based approach in practice, research,

policy, and community engagement. The status of the governmental public health infrastructure and what needs to be improved, including its interface with the health care delivery system. The roles nongovernment actors, such as academia, business, local communities and the media can play in creating a healthy nation. Providing an accessible analysis, this book will be important to public health policy-makers and practitioners, business and community leaders, health advocates, educators and journalists.

Tackling Health Inequities Through Public Health Practice

Theory To Action *Oxford University Press*

Social justice has always been a core value driving public health. Today, much of the etiology of avoidable disease is rooted in inequitable social conditions brought on by disparities in wealth and power and reproduced through ongoing forms of oppression, exploitation, and marginalization. Tackling Health Inequities raises questions and provides a starting point for health practitioners ready to reorient public health practice to address the fundamental causes of health inequities. This reorientation involves restructuring the organization, culture and daily work of public health. Tackling Health Inequities is meant to inspire readers to imagine or envision public health practice and their role in ways that question contemporary thinking and assumptions, as emerging

trends, social conditions, and policies generate increasing inequities in health.

The CDC Field Epidemiology Manual

Oxford University Press

A NEW AND ESSENTIAL RESOURCE FOR THE PRACTICE OF EPIDEMIOLOGY AND PUBLIC HEALTH The CDC Field Epidemiology Manual is a definitive guide to investigating acute public health events on the ground and in real time. Assembled and written by experts from the Centers for Disease Control and Prevention as well as other leading public health agencies, it offers current and field-tested guidance for every stage of an outbreak investigation -- from identification to intervention and other core considerations along the way. Modeled after Michael Gregg's seminal

book *Field Epidemiology*, this CDC manual ushers investigators through the core elements of field work, including many of the challenges inherent to outbreaks: working with multiple state and federal agencies or multinational organizations; legal considerations; and effective utilization of an incident-management approach. Additional coverage includes:

- Updated guidance for new tools in field investigations, including the latest technologies for data collection and incorporating data from geographic information systems (GIS)
- Tips for investigations in unique settings, including healthcare and community-congregate sites
- Advice for responding to different types of outbreaks, including acute enteric disease; suspected biologic or toxic agents; and outbreaks of

violence, suicide, and other forms of injury. For the ever-changing public health landscape, *The CDC Field Epidemiology Manual* offers a new, authoritative resource for effective outbreak response to acute and emerging threats. *** Oxford University Press will donate a portion of the proceeds from this book to the CDC Foundation, an independent nonprofit and the sole entity created by Congress to mobilize philanthropic and private-sector resources to support the Centers for Disease Control and Prevention's critical health protection work. To learn more about the CDC Foundation, visit www.cdcfoundation.org.

Prevention Effectiveness

A Guide to Decision Analysis and Economic Evaluation *Oxford University Press*

As public accountability has increased and resources have become scarcer, public health, like clinical medicine, has been forced to re-examine the benefits and costs of its activities. Decision and economic analysis are basic tools in carrying out that mission. These methods have become standard practice in clinical medicine and health services research. This book, now in its second edition, was written in an effort to apply and adapt that experience with public health situations. The book was originally written to introduce Centers for Disease Control and Prevention staff to the concepts of decision and economic analysis, to provide guidance on

methods to maximize comparability of studies, and to provide access to frequently used reference information. It has been adapted to meet the needs of scientists and managers in state and local health departments and managed care organizations as well as students in schools of public health and clinicians for an introductory text --a text that shows how these methods can be applied in population-based practice, to facilitate better comparability of studies, and to solidify understanding of the scientific basis for use of these tools in decision making. Decision makers will learn how these studies are conducted so they can be critical consumers-- understanding the strengths and limitations- and apply findings to policy and practice. The second edition updates and expands

upon the standard methodology for conducting prevention effectiveness analyses. Each chapter has been revised or re-written. The chapters on measuring effectiveness, decision analysis, and making information useful for decision makers as well as several appendices are entirely new.

Ethics and Epidemiology *Oxford University Press*

"This chapter considers the history of the rise of ethical concerns in the public health movement and epidemiology, which is the study of the distribution and determinants of disease in human populations. Epidemiology is a basic science in public health. This chapter provides an overview of early developments in public health and

ethics. More recent developments are also discussed, including the origins of bioethics, regulatory safeguards for human subjects research, public health ethics, and contemporary epidemiologic ethics"--

Public Health and Epidemiology at a Glance *John Wiley & Sons*

First Prize in Public health in the 2017 BMA Medical Book Awards Public Health and Epidemiology at a Glance is a highly visual introduction to the key concepts and major themes of population health. With comprehensive coverage of all the core topics covered at medical school, it helps students understand the determinants of health and their study, from personal lifestyle choices and behaviour, to environmental, social and

economic factors. This fully updated new edition features: • More coverage of audit and quality improvement techniques • Brand new sections on maternal and child health, and health of older people • New chapters on social determinants of health and guideline development • Expanded self-assessment material This accessible guide is an invaluable resource for medical and healthcare students, junior doctors, and those preparing for a career in epidemiology and public health

Principles and Practice of Public Health Surveillance *Oxford University Press, USA*

Rev. ed. of: Principles and practice of public health surveillance / edited by Steven M. Teutsch, R. Elliott Churchill.

2nd ed. 2000.

Oxford Textbook of Public Health
Oxford University Press, USA

This fifth edition of the ever-popular Oxford Textbook of Public Health Practice has been thoroughly updated, and remains the ultimate resource on the subject of public health and epidemiology. Two new editors, Mary Ann Lansang and Martin Gulliford, join the established editor team of Roger Detels and Robert Beaglehole, representing a truly global outlook from four continents. The contributors are drawn from across the world, offering perspectives from vastly different health systems, with ranging public health needs and priorities. With contributors including Dr. Margaret Chan, Director of

the World Health Organization, this book offers a globally comprehensive picture of modern health. The book retains its approach of dividing the complex, dynamic subject of public health into three topics. First, the scope of public health is covered, looking at the development of the discipline, determinants of health and disease, public health policies, and laws and ethics. The second volume focuses on the methods of public health, including the main science behind the discipline--epidemiology. Finally, the third volume puts the theory into practice, examining specific public health problems and options for prevention and control. As well as identifying these issues by system or disease, there is also an awareness of the unique needs of

particular population groups. The book concludes with an analysis of the functions of public health, and a look at the future of public health in the 21st century. The picture of world health has moved on dramatically since the publication of the fourth edition in 2002. This new edition includes substantial new material on the impact of private support of public health; globalization; water and sanitation; leadership; community-intervention trials; disease

and infection; gene environment interactions; obesity and physical inactivity; urbanization; minorities and indigenous populations; health needs assessment; clinical epidemiology, and the practice of public health. This ensures that the Oxford Handbook of Public Health Practice remains the most comprehensive, accessible text for both students and practitioners in public health and epidemiology.