

Epidemiology Fourth Edition

The new edition of this popular textbook remains a clear and practical introduction to epidemiology for students in all areas of health. By emphasising the role of epidemiology across a broad range of health monitoring and research, it gives students an understanding of the fundamental principles common to all areas of epidemiology. It also integrates the study of infectious and chronic diseases as well as public health and clinical epidemiology. Avoiding complex mathematics, it steps through the methods and potential problems underlying health data and reports, while maintaining a balance of rigour and clarity. The nuts-and-bolts of epidemiology are embedded in the wider international health perspective through recent and classical examples across different areas of health to engage students from a range of backgrounds. Concepts are illustrated with charts and graphs, and end-of-chapter questions test understanding (with answers provided). Online resources include further exercises, slides for teaching and useful weblinks.

Now in a fully revised Fourth Edition, Modern Epidemiology remains the gold standard text in this complex and evolving field. This edition continues to provide comprehensive coverage of the principles and methods for the design, analysis, and interpretation of epidemiologic research. Featuring a new format allowing space for margin notes, this edition

- Reflects both the conceptual development of this evolving science and the increasing role that epidemiology plays in improving public health and medicine.
- Features new coverage of methods such as agent-based modeling, quasi-experimental designs, mediation analysis, and causal modeling.
- Updates coverage of methods such as concepts of interaction, bias analysis, and time-varying designs and analysis.
- Continues to cover the full breadth of epidemiologic methods and concepts, including epidemiologic measures of occurrence and effect, study designs, validity, precision, statistical interference, field methods, surveillance, ecologic designs, and use of secondary data sources.
- Includes data analysis topics such as Bayesian analysis, probabilistic bias analysis, time-to-event analysis, and an extensive overview of modern regression methods including logistic and survival regression, splines, longitudinal and cluster-correlated/hierarchical data analysis, propensity scores and other scoring methods, and marginal structural models.
- Summarizes the history, specialized aspects, and future directions of topical areas, including among others social epidemiology, infectious disease epidemiology, genetic and molecular epidemiology, psychiatric epidemiology, injury and violence epidemiology, and pharmacoepidemiology.

Donaldsons' Essential Public Health has been in continuous print for 35 years, evolving through successive editions. This unrivalled record of success for a textbook of public health shows the enduring appeal of its content, style, and accessibility to generations of students and practitioners. For many of today's national and global public health leaders, the book was their guide as they began their careers, their benchmark as they passed their examinations and professional accreditation, and remains their companion as a source of reference and refreshed knowledge for teaching and practice. The book brings together, in one volume, the main health problems experienced by populations and by the key groups within them, the strategies for promoting health and preventing disease, the principles and applications of epidemiology, the main themes of health policy, and a description of health service provision. This fourth edition marks the biggest change to the book in 20 years. For the first time it sets each key subject area in a global health context, whilst retaining its traditional strength in covering population health for the United Kingdom. New and revised chapters for this edition include: Health in a changing world Communicable diseases Non-communicable diseases Social determinants of health Quality and safety of healthcare Mental health Disability Health in later life Environment and health History of public health The content is wide-ranging and written in an accessible and engaging style. It covers topics as diverse as: the story of the 2014 Ebola virus outbreak in West Africa; the elements of tobacco control policy; the health impact of climate change; the global health organisational architecture; the concept of health; the new paradigm of public mental health; the biological pathways that link to the health effects of social deprivation; the ideal of universal health coverage; the essentials of immunisation; the basis of healthy ageing; the historical events that led to the germ theory of disease and the Victorian sanitary revolution. This new edition is essential reading for all undergraduate and postgraduate students of public health, medicine, nursing, health policy, social science, and public sector management. Those embarking on a career in public health will find it of great value throughout their professional life. The book is also an extremely useful resource for established practitioners in primary care, doctors, senior nurses, health system managers, healthcare policy makers, civil servants in ministries of health, and members of boards of health organisations.

This successful book, now in its third edition, continues to provide a comprehensive introduction to the role of epidemiology in veterinary medicine. Since the publication of the second edition there has been considerable expansion in the application of veterinary epidemiology: more quantitative methods are available, challenges such as the epidemic of foot-and-mouth disease in Europe in 2001 have required epidemiological investigation, and epidemiological analyses have taken on further importance with the emergence of evidence-based veterinary medicine. In this edition: Completely revised and expanded chapters; Increased attention given to the principles and concepts of epidemiology, surveillance, and diagnostic-test validation and performance; Many examples are drawn from both large and small animal medicine, and from the developing as well as the developed world This paperback edition includes a new section on risk analysis. Veterinary Epidemiology is an invaluable reference source for veterinary general practitioners, government veterinarians, agricultural economists and members of other disciplines interested in animal disease. It will also be essential reading for undergraduate and intermediate-level postgraduate students of epidemiology.

A Practical Guide

Veterinary Epidemiology

Practical Healthcare Epidemiology

Essentials of Epidemiology in Public Health

Donaldsons' Essential Public Health

Recognized for its succinct and compelling discussion of epidemiology and its role in medicine. 4 STAR DOODY'S REVIEW! "This is a well-written, easy to read, well-illustrated primer, which medical students and others should read. A nice feature of the book is all key

concepts are highlighted for emphasis, with summaries at the beginning and end of each chapter."--Doody's Review Service This book provides students with an overview of the principles and concepts of epidemiology and illustrates the complementary relationship between population-based science and the care of patients Thoroughly updated, this new edition features epidemiologic implications of bio-terrorism, "Patient Profiles" within each chapter, and USMLE clinical vignettes within the "Study Question" section of each chapter.

Dictionary making never ends because languages are always changing. Widely used throughout the world, this book will continue to serve as the standard English-language dictionary of epidemiology and many from related fields such as biostatistics, infectious disease

control, health promotion, genetics, clinical epidemiology, health economics, and medical ethics. The definitions are clear and concise, but there is space for some brief essays and discussions of the provenance of important terms. Sponsored by the International

Epidemiological Association, the dictionary represents the consensus of epidemiologists in many different countries. All the definitions were reviewed repeatedly by an international network of contributors from every major branch of epidemiology. They are authoritative without being authoritarian. The Fourth Edition contains well over 150 new entries anad substantial revisions of about the same number of definitions, plus a dozen new illustrations. Many of the new terms relate to methods used in environmental and clinical epidemiology.

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.

Preceded by: Chronic disease epidemiology and control / [edited by] Patrick L. Remington, Ross C. Brownson, Mark V. Wegner. 3rd ed. c2010.

Emerging Issues and Practice

Basic Statistics and Epidemiology

Student Study Guide

Sample Size Tables for Clinical Studies

A Primer for Health Professionals

This book provides an understanding of the key concepts in three fully updated sections that cover the epidemiologic approach to disease and intervention, the use of epidemiology to identify the causes of disease, and the application of epidemiology to evaluation and policy. Clear, practical graphs and charts, cartoons, and review questions with answers reinforce the text and aid in comprehension.

Research in the past five years suggests a bleak picture of the health dangers of smoking, with tobacco the biggest single killer of all forms of pollution. It is estimated that one person dies every ten seconds due to smoking-related diseases. This publication considers the history and current position regarding tobacco use, as well as providing some predictions for the future of the tobacco epidemic upto the year 2050. It contains a number of full-colour world maps and graphics to illustrate the variations between countries and regions. Issues discussed include: tobacco prevalence and consumption; youth smoking; the economics of tobacco farming and manufacturing; smuggling; the tobacco industry, promotion, profits and trade; smokers' rights; legislative action such as smoke-free areas, tobacco advertising bans and health warnings.

The second edition of this innovative work again provides a unique perspective on the clinical discovery process by providing input from experts within the NIH on the principles and practice of clinical research. Molecular medicine, genomics, and proteomics have opened vast opportunities for translation of basic science observations to the bedside through clinical research. As an introductory reference it gives clinical investigators in all fields an awareness of the tools required to ensure research protocols are well designed and comply with the rigorous regulatory requirements necessary to maximize the safety of research subjects. Complete with sections on the history of clinical research and ethics, copious figures and charts, and sample documents it serves as an excellent companion text for any course on clinical research and as a must-have reference for seasoned researchers. *Incorporates new chapters on Managing Conflicts of Interest in Human Subjects Research, Clinical Research from the Patient's Perspective, The Clinical Researcher and the Media, Data Management in Clinical Research, Evaluation of a Protocol Budget, Clinical Research from the Industry Perspective, and Genetics in Clinical Research *Addresses the vast opportunities for translation of basic science observations to the bedside through clinical research *Delves into data management and addresses how to collect data and use it for discovery *Contains valuable, up-to-date information on how to obtain funding from the federal government

An Introduction to Epidemiology, Fourth Edition is intended for introductory courses in health-related programs at both the advanced undergraduate and graduate levels. It is also a valuable reference for epidemiologists working in the field, industrial hygienists, infectious disease nurses, and staff epidemiologists.

Rabies

A Dictionary of Epidemiology

Epidemiology for the Uninitiated

The Essentials, Fourth Edition

Introduction to Microorganisms, Microbiology and Epidemiology, Fourth Edition, Etc

Environmental health practitioners worldwide are frequently presented with issues that require further investigating and acting upon so that exposed populations can be protected from ill-health consequences. These environmental factors can be broadly classified according to their relation to air, water or food contamination. However, there are also work-related, occupational health exposures that need to be considered as a subset of this dynamic academic field. This book presents a review of the current practice and emerging research in the three broadly defined domains, but also provides reference for new emerging technologies, health effects associated with particular exposures and environmental justice issues. The contributing authors themselves display a range of backgrounds and they present a developing as well as a developed world perspective. This book will assist environmental health professionals to develop best practice protocols for monitoring a range of environmental exposure scenarios.

Encyclopedic in breadth, yet practical and concise, Medical Biostatistics, Fourth Edition focuses on the statistical aspects ofmedicine with a medical perspective, showing the utility of biostatistics as a tool to manage many medical uncertainties. This edition includes more topics in order to fill gaps in the previous edition. Various topics have been enlarged and modified as per the new understanding of the subject.

Every second a new person is exposed to tuberculosis (TB). Each untreated TB-infected person will infect 10-15 people every year. Following the success of its predecessor, this new edition of Tuberculosis: The Essentials scrutinizes the new discoveries and observations of the key aspects of the disease. Recognized world experts provide a concise, state-of-the-art review of the 15 essential elements of TBsupply an international, current view of the epidemiology, pathophysiology, diagnosis, and treatment methodsdiscuss the emerging threat of XDR-TB and the HIV/AIDS factorassess advances in TB research such as new drugs and vaccinesreflect on the progress of the "Stop TB" strategy. See What's New in the Fourth Edition: Updated chapters on epidemiology and pathogenesis provide new insights on TB infection and disease Updated chapters on diagnosis and treatment cover new tests and molecular detection methods Information on developing effective regimens and discussion of situations deserving specific precautions Coverage of adherence issues The book book is an essential guide for everybody working in the field of TB, from specialists to nurses and students, both from a clinical and public health perspective.

This perennial bestseller is an ideal introductions to epidemiology in health care. The fifth editon retains the book's simplicity and brevity, at the same time providing the reader with the core elements of epidemiology needed in health care practice and research. The text has been revised throughout, with new examples introduced to bring the book right up to date.

Principles and Practice of Clinical Research

Textbook of Global Health

A Practical Guide, Fourth Edition

an introduction for students and health professionals

Short Textbook of Public Health Medicine for the Tropics

Now in its fourth edition, Essential Epidemiology is an engaging and accessible introduction to the foundations of epidemiology. It addresses the study of infectious and chronic diseases, public health and clinical epidemiology, and the role of epidemiology in a range of health monitoring and research activities. Contemporary, historical and hypothetical examples enable students to engage with content, while mathematics is kept understandable with complex mathematics housed in optional material so the book remains accessible. With over ninety questions and answers to work through, this book is an essential resource for students, practitioners and anyone else who needs to interpret health data in their studies or work. Epidemiology's most important goal is to bring rigour to the collection, analysis and interpretation of health data to improve health on a global scale; Essential Epidemiology provides readers the tools to achieve that goal.

Biostatistics and Epidemiology/A Primer for Health Professionals offers practical guidelines and gives a concise framework for research and interpretation in the field. In addition to major sections covering statistics and epidemiology, the book includes a comprehensive exploration of scientific methodology, probability, and the clinical trial. The principles and methods described in this book are basic and apply to all medical subspecialties, psychology and education. The primer will be especially useful to public health officials and students looking for an understandable treatment of the subject.

Introduction to Public Health is a foundation, introductory text addressing the principles and practice of public health. Written from a multidisciplinary perspective, the text defines the discipline of public health, the nature and scope of public health activity and the challenges that face public health in the 21st century. Designed for undergraduate health science and nursing students, the text helps readers with their understanding of the nature and scope of public health and the challenges facing the field into the future. Positions public health concepts within an Australian and New Zealand context Chapter case studies and examples to help illustrate key points Chapter reflection and review questions to assist readers with their application to practise Logical structure enabling those new to public health to grasp complex concepts and apply to current health practice New—A suite of video interviews with leading public health experts who each share a broad contextual overview of public health now and into the future Additional resources on Evolve eBook on VitalSource Instructor Resources Image Bank (tables and figures from the book) Case studies Video interviews Students Resources Student Quiz

This straightforward primer in basic statistics emphasises its practical use in epidemiology and public health, providing an understanding of essential topics such as study design, data analysis and statistical methods used in the execution of medical research.

Epidemiology

An Introduction for Students and Health Professionals

Introduction to Epidemiology

Essentials of Public Health

Essential epidemiology

The thoroughly revised and updated Third Edition of the acclaimed Modern Epidemiology reflects both the conceptual development of this evolving science and the increasingly focal role that epidemiology plays in dealing with public health and medical problems. Coauthored by three leading epidemiologists, with sixteen additional contributors, this Third Edition is the most comprehensive and cohesive text on the principles and methods of epidemiologic research. The book covers a broad range of concepts and methods, such as basic measures of disease frequency and associations, study design, field methods, threats to validity, and assessing precision. It also covers advanced topics in data analysis such as Bayesian analysis, bias analysis, and hierarchical regression. Chapters examine specific areas of research such as disease surveillance, ecologic studies, social epidemiology, infectious disease epidemiology, genetic and molecular epidemiology, nutritional epidemiology, environmental epidemiology, reproductive epidemiology, and clinical epidemiology.

From the Department of Epidemiology at Johns Hopkins University and continuing in the tradition of award-winning educator and epidemiologist Dr. Leon Gordis, comes the fully revised 6th Edition of Gordis Epidemiology. This bestselling text provides a solid introduction to basic epidemiologic principles as well as practical applications in public health and clinical practice, highlighted by real-world examples throughout. New coverage includes expanded information on genetic epidemiology, epidemiology and public policy, and ethical and professional issues in epidemiology, providing a strong basis for understanding the role and importance of epidemiology in today ' s data-driven society. Covers the basic principles and concepts of epidemiology in a clear, uniquely memorable way, using a wealth of full-color figures, graphs, charts, and cartoons to help you understand and retain key information. Reflects how epidemiology is practiced today, with a new chapter organization progressing from observation and developing hypotheses to data collection and analyses. Features new end-of-chapter questions for quick self-assessment, and a glossary of genetic terminology. Provides more than 200 additional multiple-choice epidemiology self-assessment questions online. Evolve Instructor Resources, including a downloadable image and test bank, are available to instructors through their Elsevier sales rep or via request at: https://evolve.elsevier.com

Research on injuries is a high priority to inform public policy that reduces deaths, hospitalizations and associated costs. Principles for research design and analysis of injury incidence and severity are emphasized. Review of extant surveillance data reveals numerous flaws that must be changed to increase usefulness of the data. Research designs of studies of injury causation and evaluation of countermeasures are often inappropriate and mislead analytic and injury control efforts. Appendices to chapters illustrate research projects that influenced public policy affecting the reduction of motor vehicle fatalities per population by half in the U.S. The principles illustrated by these studies can be applied to other types of injury.

THE CRITICAL WORK IN GLOBAL HEALTH, NOW COMPLETELY REVISED AND UPDATED "This book compels us to better understand the contexts in which health problems emerge and the forces that underlie and propel them." -Archbishop Emeritus Desmond Mpilo Tutu H1N1, Diabetes, Ebola, Zika. Each of these health problems is rooted in a confluence of social, political, economic, and biomedical factors that together inform our understanding of global health. The imperative for those who study global health is to understand these factors individually and, especially, synergistically. Fully revised and updated, this fourth edition of Oxford's Textbook of Global Health offers a critical examination of the array of societal factors that shape health within and across countries, including how health inequities create consequences that must be addressed by public health, international aid, and social and economic policymaking. The text equips students, activists, and health professionals with the building blocks for a contextualized understanding of global health, including essential threads that are combined in no other work: · historical dynamics of the field · the political economy of health and development · analysis of the current global health structure, including its actors, agencies, and activities · societal determinants of health, from global trade and investment treaties to social policies to living and working conditions · the role of health data and measuring health inequities · major causes of global illness and death, including under crises, from a political economy of health vantage point that goes beyond communicable vs. non-communicable diseases to

incorporate contexts of social and economic deprivation, work, and globalization · the role of trade/investment and financial liberalization, precarious work, and environmental degradation and contamination · principles of health systems and the politics of health financing · community, national, and transnational social justice approaches to building healthy societies and practicing global health ethically and equitably Through this approach the Textbook of Global Health encourages the reader -- be it student, professional, or advocate -- to embrace a wider view of the global health paradigm, one that draws from political economy considerations at community, national, and transnational levels. It is essential and current reading for anyone working in or around global health.

Environmental Health

Essential Epidemiology

High-yield Biostatistics

Epidemiology for Public Health Practice

Injury Epidemiology: Fourth edition

Basic Statistics and Epidemiology is a straightforward primer in basic statistics that emphasizes its practical use in epidemiology and public health, providing an understanding of essential topics such as study design, data analysis and statistical methods used in the execution of medical research. Assuming no prior knowledge, the clarity of the text and care of presentation ensure those new to, or challenged by, these topics are given a thorough introduction without being overwhelmed by unnecessary detail. An understanding and appreciation of statistics is central to ensuring that professional practice is based on the best available evidence, in order to treat and help most appropriately the wider community. By reading this book, students, researchers, doctors, nurses and health managers will have the knowledge necessary to understand and apply the tools of statistics and epidemiology to their own practice.

Review: "Now in its Fourth Edition, this best-selling text offers comprehensive coverage of all the major topics in introductory epidemiology. 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. The text is also accompanied by a complete package of instructor and student resources available through a companion Web site."--Jacket

This book provides a comprehensive introduction to epidemiology and explains how to use epidemiological concepts and tools to improve decisions about the management of health services. Throughout the book, basic principles are presented and then expanded upon with healthcare management applications and case studies. This edition features a new approach. Rather than separating epidemiology principles from application, it blends theory and application in each chapter. This edition features: * New chapters on infectious disease epidemiology, morbidity, mortality, descriptive epidemiology, and cost-effectiveness analysis * Summary application chapters that focus on cardiovascular disease, HIV, and dementia * More than 40 in-depth case studies of varying levels of difficulty, along with questions and detailed answers * Contributions from experts in the field provides different points of view

This book provides statisticians and researchers with the statistical tools - equations, formulae and numerical tables - to design and plan clinical studies and carry out accurate, reliable and reproducible analysis of the data so obtained. There is no way around this as incorrect procedure in clinical studies means that the researcher's paper will not be accepted by a peer-reviewed journal. Planning and analysing clinical studies is a very complicated business and this book provides indispensable factual information. Please go to <http://booksupport.wiley.com> and enter 9781405146500 to easily download the supporting materials.

Tuberculosis

Scientific Basis of the Disease and Its Management

Gordis Epidemiology

Medical Biostatistics, Fourth Edition

Epidemiology, Biostatistics, and Preventive Medicine

This book is specifically designed to expand reader knowledge while avoiding complex statistical formulations. Emphasizing the quantitative issues of epidemiology, this book focuses on study design, measures of association, interaction, research assessment, and other methods and practice. The Second Edition takes readers who have a good understanding of basic epidemiological principles through more rigorous discussions of concepts and methods.

Rabies is the most current and comprehensive account of one of the oldest diseases known that remains a significant public health threat despite the efforts of many who have endeavored to control it in wildlife and domestic animals. During the past five years since publication of the first edition there have been new developments in many areas on the rabies landscape. This edition takes on a more global perspective with many new authors offering fresh outlooks on each topic. Clinical features of rabies in humans and animals are discussed as well as basic science aspects, molecular biology, pathology, and pathogenesis of this disease. Current methods used in defining geographic origins and animal species infected in wildlife are presented, along with diagnostic methods for identifying the strain of virus based on its genomic sequence and antigenic structure. This multidisciplinary account is essential for clinicians as well as public health advisors, epidemiologists, wildlife biologists, and research scientists wanting to know more about the virus and the disease it causes. * Offers a unique global perspective on rabies where dog rabies is responsible for killing more people than yellow fever, dengue fever, or Japanese encephalitis * More than 7 million people are potentially exposed to the virus annually and about 50,000 people, half of them children, die of rabies each year * New edition includes greatly expanded coverage of bat rabies which is now the most prominent source of human rabies in the New World and Western Europe, where dog rabies has been controlled * Recent successes of controlling wildlife rabies with an emphasis on prevention is discussed * Approximate 40% updated material incorporates recent knowledge on new approaches to therapy of human rabies as well as issues involving organ and tissue transplantation * Includes an increase in illustrations to more accurately represent this diseases' unique horror

Designing Clinical Research sets the standard for providing a practical guide to planning, tabulating, formulating, and implementing clinical research, with an easy-to-read, uncomplicated presentation. This edition incorporates current research methodology—including molecular and genetic clinical research—and offers an updated syllabus for conducting a clinical research workshop. Emphasis is on common sense as the main ingredient of good science. The book explains how to choose well-focused research questions and details the steps through all the elements of study design, data collection, quality assurance, and basic grant-writing. All chapters have been thoroughly revised, updated, and made more user-friendly.

This popular book is written by the award-winning teacher, Dr. Leon Gordis of the Bloomberg School of Public Health at Johns Hopkins University. He introduces the basic principles and concepts of epidemiology in clear, concise writing and his inimitable style. This book provides an understanding of the key concepts in the following 3 fully updated sections: Section I: The Epidemiologic Approach to Disease and Intervention; Section II: Using Epidemiology to Identify the Causes of Disease; Section III: Applying Epidemiology to Evaluation and Policy. Clear, practical graphs and charts, cartoons, and review questions with answers reinforce the text and aid in comprehension.

Utilizes new full-color format to enhance readability and clarity. Provides new and updated figures, references and concept examples to keep you absolutely current - new information has been added on Registration of Clinical Trials, Case-Cohort Design, Case-Crossover Design, and Sources and Impact of Uncertainty (disease topics include:

Obesity, Asthma, Thyroid Cancer, Helicobacter Pylori and gastric/duodenal ulcer and gastric cancer, Mammography for women in their forties) - expanded topics include Person-time. Please note: electronic rights were not granted for several images in this product. Introduces both the underlying concepts as well as the practical uses of epidemiology in public health and in clinical practice. Systemizes learning and review with study questions in each section and an answer key and index. Illustrates textual information with clear and informative full-color illustrations, many created by the author and tested in the classroom.

Biostatistics and Epidemiology

The Tobacco Atlas

Chronic Disease Epidemiology, Prevention, and Control

Lilienfeld's Foundations of Epidemiology

Medical Epidemiology

As one of the foundational texts in the Essential Public Health series, Essentials of Public Health, Fourth Edition -- formerly authored by Turnock -- is an excellent introduction to the field of public health, covering public health practice, government public health, and careers in public health. After defining Public Health and looking at the current U.S. public health system and practice, the book looks at population health measurement, policy development, and collaboration between the public health and the health system. Final chapters explore career opportunities in public health administration, epidemiology, public health nursing, and health education as well as emerging ones such as health information technologists, emergency managers, and more. Helpful learning tools such as chapter exercises and discussion questions, making it an ideal text to prepare your students for the profession of public health.

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

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. "

Preceded by Foundations of epidemiology / revised by David E. Lilienfeld, Paul D. Stolley. 3rd ed. 1994.

Introduction to Public Health

Modern Epidemiology

Designing Clinical Research

Managerial Epidemiology