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## Bookmark File PDF Edinburgh Of University Group Research Epidemiology

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### Sulphuric Utopias

## A History of Maritime Fumigation

*MIT Press* How early twentieth century fumigation technologies transformed maritime quarantine practices and inspired utopian visions of disease-free global trade. In the late nineteenth and early twentieth centuries, fumigation technologies transformed global practices of maritime quarantine through chemical and engineering innovation. One of these technologies, the widely used Clayton machine, blasted sulphuric acid gas through a docked ship in an effort to eliminate pathogens, insects, and rats while leaving the cargo and the structure of the vessel unharmed, shortening its time in quarantine and minimizing the risk of importing infectious diseases. In *Sulphuric Utopias*, Lukas Engelmann and Christos Lynteris examine this overlooked but historically crucial practice at the intersection of epidemiology, hygiene, applied chemistry, and engineering. They show how maritime fumigation inspired utopian visions of disease-free trade to improve global shipping and to encourage universally applicable standards of sanitation and hygiene. Engelmann and Lynteris chart the history of ideas about fumigation, disinfection, and quarantine, and chronicle the development of the Clayton machine in 1880s New Orleans. Built by the Louisiana Board of Health and adapted and patented by Thomas Clayton, the machine offered a barrier against bacteria and pests and enabled a highway to global trade. Engelmann and Lynteris chronicle the Clayton machine's success and examine its competitors, including carbon-based fumigation methods in Germany and the Ottoman Empire as well as the "Sulfurozador" in Argentina. They follow the international standardization of maritime fumigation and explore the Clayton machine's decline after World War I, when visions of "sulphuric utopia" were replaced by a pragmatic acknowledgment of epidemiological complexity.

### Mapping AIDS

## Visual Histories of an Enduring Epidemic

*Cambridge University Press* Offers an innovative study of visual traditions in modern medical history through debates about the causes, impact and spread of AIDS.

### Governing Global Health

## Who Runs the World and Why?

*Oxford University Press* The past few decades have seen a massive increase in the number of international organizations focusing on global health. Campaigns to eradicate or stem the spread of AIDS, SARS, malaria, and Ebola attest to the increasing importance of globally-oriented health organizations. These organizations may be national, regional, international, or even non-state organizations-like *Medicins Sans Frontieres*. One of the more important recent trends in global health governance, though, has been the rise of public-private partnerships (PPPs) where private non-governmental organizations, for-profit enterprises, and various other social entrepreneurs work hand-in-hand with governments to combat specific maladies. A primary driver for this development is the widespread belief that by joining together, PPPs will attack health problems and fund shared efforts more effectively than other systems. As Chelsea Clinton and Devi Sridhar show in *Governing Global Health*, these partnerships are not only important for combating infectious diseases; they also provide models for developing solutions to a host of other serious global health challenges and questions beyond health. But what do we actually know about the accountability and effectiveness of PPPs in relation to the traditional multilaterals? According to Clinton and Sridhar, we have known very little because scholars have not accumulated enough data or developed effective ways to assess them-until now. In their analysis, they uncovered both strength and weaknesses of the model. Using principal-agent theory in which governments are the principals directing international agents of various type, they take a closer look at two major PPPs-the Global Fund to Fight HIV/AIDS, TB and Malaria and the GAVI Alliance-and two major more traditional international organizations-the World Health Organization and the World Bank. An even-handed and thorough empirical analysis of one of the most pressing topics in world affairs, *Governing Global Health* will reshape our understanding of how organizations can more effectively prevent the spread of communicable diseases like AIDS and reduce pervasive chronic health problems like malnutrition.

## Oxford Textbook of Neurologic and Neuropsychiatric Epidemiology

*Oxford University Press, USA* The *Oxford Textbook of Neurologic and Neuropsychiatric Epidemiology* focuses on the overlaps between neuro-epidemiological disorders. Harmonising cohort studies to determine causes related to rarer disorders, this key work is an invaluable reference to current neuro-epidemiological methods.

## Issues in National, Regional, and Environmental Health and Medicine: 2011 Edition

*ScholarlyEditions* *Issues in National, Regional, and Environmental Health and Medicine: 2011 Edition* is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about National, Regional, and Environmental Health and Medicine. The editors have built *Issues in National, Regional, and Environmental Health and Medicine: 2011 Edition* on the vast information databases of ScholarlyNews.™ You can expect the information about National, Regional, and Environmental Health and Medicine in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of *Issues in National, Regional, and Environmental Health and Medicine: 2011 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

## New Scientist

New Scientist magazine was launched in 1956 "for all those men and women who are interested in scientific discovery, and in its industrial, commercial and social consequences". The brand's mission is no different today - for its consumers, New Scientist reports, explores and interprets the results of human endeavour set in the context of society and culture.

## The Battle Against Hunger

### Choice, Circumstance, and the World Bank

*OUP Oxford* We live in an increasingly prosperous world, yet the estimated number of undernourished people has risen, and will continue to rise with the doubling of food prices. A large majority of those affected are living in India. Why have strategies to combat hunger, especially in India, failed so badly? How did a nation that prides itself on booming economic growth come to have half of its preschool population undernourished? Using the case study of a World Bank nutrition project in India, this book takes on these questions and probes the issues surrounding development assistance, strategies to eliminate undernutrition, and how hunger should be fundamentally understood and addressed. Throughout the book, the underlying tension between choice and circumstance is explored. How much are individuals able to determine their life choices? How much should policy-makers take underlying social forces into account when designing policy? This book examines the possibilities, and obstacles, to eliminating child hunger. This book is not just about nutrition. It is an attempt to uncover the workings of power through a close look at the structures, discourses, and agencies through which nutrition policy operates. In this process, the source of nutrition policy in the World Bank is traced to those affected by the policies in India.

## Environmental Health Perspectives

## Supplements

### Chronic Non-communicable Diseases in Low and Middle-income Countries

*CABI* Low and middle income countries in Africa, Asia and Latin America bear a significant proportion of the global burden of chronic non-communicable diseases. This book synthesizes evidence across countries that share similar socio-economic, developmental and public health profiles, including rapid urbanization, globalization and poverty. Providing insights on successful and sustainable interventions and policies, it shows how to slow and reverse the rising burden of chronic diseases in resource-poor settings.

### Migration, Ethnicity, Race, and Health in Multicultural Societies

*Oxford University Press* First published: Ethnicity, race and health in multicultural societies, 2007.

## Medifocus Guidebook On: Osteoarthritis of the Knee

*Medifocus.com Inc* The MediFocus Guidebook on Osteoarthritis of the Knee is the most comprehensive, up-to-date source of information available. You will get answers to your questions, including risk factors of Osteoarthritis of the Knee, standard and alternative treatment options, leading doctors, hospitals and medical centers that specialize in Osteoarthritis of the Knee, results of the latest clinical trials, support groups and additional resources, and promising new treatments on the horizon. This one of a kind Guidebook offers answers to your critical health questions including the latest treatments, clinical trials, and expert research; high quality, professional level information you can trust and understand culled from the latest peer-reviewed journals; and a unique resource to find leading experts, institutions, and support organizations including contact information and hyperlinks. This Guidebook was updated on January 24, 2012.

## Gout and Other Crystal Arthropathies

*Elsevier Health Sciences* Gout and Other Crystal Arthropathies, by Dr. Robert Terkeltaub, presents the state-of-the-art, clinically-focused coverage you need to manage these increasingly prevalent diseases. Diagnose the full range of crystal arthropathies-including pseudogout, intercritical gout, hyperuricemia, and gouty arthritis-and treat your patients effectively with discussions of recently-approved drugs like Uloric and those currently under review, such as Kristexxa and Colcryst. With coverage of the latest therapies, preventions, and imaging studies, along with access to the fully searchable text online at [www.expertconsult.com](http://www.expertconsult.com), this comprehensive resource is ideal for any physician who diagnoses, treats, and manages gout and crystal-induced arthropathies. Access the fully searchable contents online at [www.expertconsult.com](http://www.expertconsult.com). Stay current on recent developments such as uricosuric therapy and inhibitor therapy; gout flare prophylaxis and colchicines; ultrasound in the diagnosis of crystal deposition diseases; imaging of gout, CPPD, and hydroxyapatite deposition diseases; and uricase therapy of gout. Manage the full range of crystal arthropathies with 25 clinically-focused chapters on pseudogout, intercritical gout, hyperuricemia, gouty arthritis, and more. Treat your patients effectively using the latest information on drug treatments, from the recently-approved Uloric to Kristexx and Colcryst, which are still under review. The tools to you need to diagnose, treat, and manage gout and other crystal arthropathies

## Psychiatric Epidemiology

### Searching for the Causes of Mental Disorders

*Oxford University Press* Searching for the causes of mental disorders is as exciting as it is complex. The relationship between pathophysiology and its overt manifestations is exceedingly intricate, and often the causes of a disorder are elusive at best. This book is an invaluable resource for anyone trying to track these causes, whether they be clinical researchers, public health practitioners, or psychiatric epidemiologists-in-training. Uniting theory and practice in very clear language, it makes a wonderful contribution to both epidemiologic and psychiatric research. Rather than attempting to review the descriptive epidemiology of mental disorders, this book gives much more dynamic exposition of the thinking and techniques used to establish it. Starting out by tracing the brief history of psychiatric epidemiology, the book describes the study of risk factors as causes of mental disorders. Subsequent sections discuss approaches to investigation of biologic, genetic, or social causes and the statistical analysis of study results. The book concludes by following some of the problems involved in the search for genetic causes of mental disorders, and more complex casual relationships.

## Nutritional Epidemiology

*Oxford University Press* Willett's Nutritional Epidemiology has become the foundation of this field. This new edition updates existing chapters and adds new ones addressing the assessment of physical activity, the role of genetics in nutritional epidemiology, and the interface of this field with policy.

## Genetic Predisposition to Cancer, 2Ed

*CRC Press* Over the last 20 years it has become increasingly apparent that the occurrence of many cancers can have an inherited basis. This book examines the principles underlying genetic predisposition to cancer and will be relevant to practising oncologists, geneticists and other professionals interested in this rapidly expanding field. Coverage is comprehensive, taking the reader from an introduction to genetic predisposition, through a discussion of the molecular biology and statistical techniques involved in the identification and characterisation of predisposition genes, to a consideration of heritable cancer syndromes, and encompasses both rare and common cancers. The text also features a discussion of cancer risk assessment, genetic counselling issues, genetic screening and cancer management options, and a consideration of the associated ethical and psychological issues. Building on the reputation of the previous edition, and to reflect the rapid advances in the field since its publication, the contents of the second edition have been thoroughly updated and include discussion of many newly identified cancer genes. In particular, the book features new chapters added on the biological basis of cancer predisposition, population-based studies of susceptibility, and evaluation of management strategies for individuals at increased cancer risk.

## Global Health

## A Challenge for Interdisciplinary Research

*Universitätsverlag Göttingen*

## Functional Neurologic Disorders

*Academic Press* Functional Neurologic Disorders, the latest volume in the Handbook of Clinical Neurology series, summarizes state-of-the-art research findings and clinical practice on this class of disorders at the interface between neurology and psychiatry. This 51-chapter volume offers an historical introduction, chapters on epidemiology and pathophysiology, a large section on the clinical features of different type of functional neurologic symptoms and disorders (including functional movement disorders, non-epileptic seizures, dizziness, vision, hearing, speech and cognitive symptoms), and then concluding with approaches to therapy. This group of internationally acclaimed experts in neurology, psychiatry, and neuroscience represent a broad spectrum of areas of expertise, chosen for their ability to write clearly and concisely with an eye toward a clinical audience. This HCN volume sets a new landmark standard for a comprehensive, multi-authored work dealing with functional neurologic disorders (also described as psychogenic, dissociative or conversion disorders). Offers a comprehensive interdisciplinary approach for the care of patients with functional disorders seen in neurologic practice, leading to more efficient prevention, management, and treatment Provides a synthesis of research efforts incorporating clinical, brain imaging and neurophysiological studies Fills an existing gap between traditional neurology and traditional psychiatry Contents include coverage of history, epidemiology, clinical presentations, and therapy Edited work with chapters authored by leaders in the field, the broadest, most expert coverage available

## International Research Centers Directory

## Cancer Chemotherapy

## Basic Science to the Clinic

*John Wiley & Sons* This textbook is a clear and accessible introduction to the scientific and clinical aspects of the creation, development and administration of drugs or drug regimens used in the treatment of cancer. Unique in its approach, this book enables the student to gain an understanding of the pathological, physiological and molecular processes governing malignancy, whilst also introducing the role of health professionals and scientists in the research and treatment of cancer. The book consolidates all the essential information necessary for a full understanding of cancer chemotherapy, providing an informative, inexpensive and up-to-date coverage of the subject aimed at an undergraduate level readership. Key Features: Incorporates numerous diagrams, tables and illustrations to aid understanding. Examines key pharmacological and pharmaceutical issues such as dosing, toxicity and preparation of anti-cancer drugs. Includes a key chapter of practice essay questions to ease revision. Comprehensive coverage of drugs currently in pre-clinical and clinical development. An indispensable text for undergraduate students studying pharmacy and medicine as well as those doing courses such as molecular biology, biomedical sciences and pharmacology which cover aspects of oncology.

## Who's Who in Research: Cultural Studies

*Intellect Books* Increasingly, academic communities transcend national boundaries. 'Collaboration between researchers across space is clearly increasing, as well as being increasingly sought after,' noted the online magazine Inside Higher Ed in a recent article about research in the social sciences and humanities. Even for those scholars who don't work directly with international colleagues, staying up-to-date and relevant requires keeping up with international currents of thought in one's field. But when one's colleagues span the globe, it's not always easy to keep track of who's who - or what kind of research they're conducting. That's where Intellect's new series comes in. A set of worldwide guides to leading academics - and their work - across the arts and humanities, Who's Who in Research features comprehensive profiles of scholars in the areas of cultural studies, film studies, media studies, performing arts and visual arts. Who's Who in Research: Visual Arts includes concise yet detailed listings include each academic's name, institution, biography, and current research interests, as well as bibliographic information and a list of articles published in Intellect journals. The volumes in the Who's Who in Research series will be updated each year, providing the most current information on the foremost thinkers in academia and making them an invaluable resource for scholars, hiring committees, academic libraries and would-be collaborators across the arts and humanities.

## Basic Concepts in Statistics and Epidemiology

*CRC Press* This book contains a Foreword by Allyson Pollock, Professor and Head, Centre for International Public Health Policy, University of Edinburgh. Healthcare students, practitioners and researchers need a sound basis for making valid statistical inferences from health data. To make the best use of statistical software, it is necessary to understand how probabilistic inference works. This book explains that, along with the various ways statistical data can be described and presented. It is designed to develop insight rather than simply the mechanical skills found in other textbooks. This book is specifically designed to underpin the concepts of statistics and epidemiology. It is practical and easy to use and is ideal for people who can feel uncomfortable with mathematics. 'Excellent. A great primer for all students and research workers engaged in learning how to use statistical ideas in public health. It sets out the core concepts and explains them clearly, using worked examples as illustration. If followed carefully, the engaged reader should be able to use the standard statistical software packages intelligently and sensitively. It will stimulate the public health student, in whatever context, and new researchers, to approach the enterprise with enhanced confidence in interpreting and coherently explaining their findings.' - Allyson Pollock, in the Foreword.

## Cultural Studies

*Intellect Books* This volume of *Who's Who in Research* series offers a useful guide for current researchers in Intellect's subject area of Cultural Studies.

## Drug Nation

## Patterns, Problems, Panics & Policies

*Oxford University Press* Humans have been using psychoactive (mind-altering) drugs since ancient times, and barely a day goes by without a drug related issue reaching the headlines. This book provides an accessible and lucid introduction to some of the main health and social issues related to illicit drugs and their use.

## Generalized Additive Models

## An Introduction with R

*CRC Press* Now in widespread use, generalized additive models (GAMs) have evolved into a standard statistical methodology of considerable flexibility. While Hastie and Tibshirani's outstanding 1990 research monograph on GAMs is largely responsible for this, there has been a long-standing need for an accessible introductory treatment of the subject that also emphasizes recent penalized regression spline approaches to GAMs and the mixed model extensions of these models. *Generalized Additive Models: An Introduction with R* imparts a thorough understanding of the theory and practical applications of GAMs and related advanced models, enabling informed use of these very flexible tools. The author bases his approach on a framework of penalized regression splines, and builds a well-grounded foundation through motivating chapters on linear and generalized linear models. While firmly focused on the practical aspects of GAMs, discussions include fairly full explanations of the theory underlying the methods. Use of the freely available R software helps explain the theory and illustrates the practicalities of linear, generalized linear, and generalized additive models, as well as their mixed effect extensions. The treatment is rich with practical examples, and it includes an entire chapter on the analysis of real data sets using R and the author's add-on package *mgcv*. Each chapter includes exercises, for which complete solutions are provided in an appendix. Concise, comprehensive, and essentially self-contained, *Generalized Additive Models: An Introduction with R* prepares readers with the practical skills and the theoretical background needed to use and understand GAMs and to move on to other GAM-related methods and models, such as SS-ANOVA, P-splines, backfitting and Bayesian approaches to smoothing and additive modelling.

## Clinical Respiratory Medicine E-Book

*Elsevier Health Sciences* Clinical Respiratory Medicine provides practical guidance to help you more effectively diagnose and manage the full range of pulmonary disorders, including those seen in today's most challenging patient populations. In print and online, this medical reference book delivers the answers you need to ensure the best outcomes. Better manage and treat patients with pulmonary disease with complete clinical coverage of the critical information relevant to your everyday practice, presented in a templated, user-friendly format. Find critical information quickly with the help of diagnostic algorithms. Thoroughly understand the needs and recognize co-morbidities of particular patient populations through entirely new chapters on lung structure, echocardiography, and obesity and its effects. Access the latest research and advancements in lung cancer, benign tumors, and the importance of pulmonary physiology in understanding lung function and the disease processes that occur. Watch and learn. Over 80 videos of practical procedures and interactive review questions are available online at [www.expertconsult.com](http://www.expertconsult.com).

## Problem Solving in Older Cancer Patients

## A Case Study Based Reference and Learning Resource

*Evidence-based Networks Ltd* This practical manual in the care of older cancer patients won best oncology book in the BMA Medical Book Awards 2016, and is an essential tool created as a joint project of the Association of Cancer Physicians (ACP) and the British Geriatric Society (BGS). Written by 134 contributors who are all experts in their fields, it offers an overview of the latest developments, with 32 real life case studies. It is a valuable learning and reference resource for doctors, nurses, trainees and other professionals managing cancer in older patients. This evidence-based guidebook will assist the physician in managing the older cancer patient when implementing the appropriate treatment strategy, taking account of comorbidities, frailty, and patient choice. Each clinical case includes a concise discussion on patient presentation and of scenarios underpinning issues experienced by older patients followed by a clear appraisal of how the latest clinical research impacts on patient management. This large cohort of patients requires both innovative care and individual attention, and this carefully crafted book shares the experience of an expert multidisciplinary team in the interest of patient-centred care. It is essential reading for specialists in oncology, specialists in geriatric care, general physicians, doctors in training, oncology nurses, healthcare managers and administrators.

## Annual Report ... and Handbook for ...

## Basic Statistics and Epidemiology

## A Practical Guide

*Radcliffe Publishing* 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.

## The Epidemiology of Theileriosis in Africa

*ILRI (aka ILCA and ILRAD)* Theileriosis is the name given to infections caused by several species of *Theileria*, the most important of which in Africa are *Theileria annulata* and *Theileria parva*. Their distributions in the continent are distinct, and follow that of their main field tick vectors. The *annulata* occurs in North Africa and the Nile River Valley, and the *parva* in sub-Saharan eastern, central, and southern Africa. This book reviews the work on theileriosis since 1902 from an historical, biological, ecological, epidemiological, and economic point of view. The results shed new light on poorly understood areas in theileriosis and at the same time assist with the development of more robust control strategies. Focuses on a tick borne parasite that threatens twenty-five million cattle in Central and East Africa Assembles all current data on the epidemiology of theileriosis in Africa Lays the groundwork for future studies

## Bayesian Analysis for Population Ecology

*CRC Press Novel Statistical Tools for Conserving and Managing Populations* By gathering information on key demographic parameters, scientists can often predict how populations will develop in the future and relate these parameters to external influences, such as global warming. Because of their ability to easily incorporate random effects, fit state-space mode

## 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.

## PART - Student Consult for Textbook of Orthopaedics, Trauma and Rheumatology2

## PART - Student Consult for Textbook of Orthopaedics, Trauma and Rheumatology

*Elsevier Health Sciences*

## Dementia in Low and Middle Income Countries

*Frontiers Media SA*

## Urban Blue Spaces

## Planning and Design for Water, Health and Well-Being

*Routledge* This book presents an evidence-based approach to landscape planning and design for urban blue spaces that maximises the benefits to human health and well-being while minimising the risks. Based on applied research and evidence from primary and secondary data sources stemming from the EU-funded BlueHealth project, the book presents nature-based solutions to promote sustainable and resilient cities. Numerous cities around the world are located alongside bodies of water in the form of coastlines, lakes, rivers and canals, but the relationship between city inhabitants and these water sources has often been ambivalent. In many cities, water has been polluted, engineered or ignored completely. But, due to an increasing awareness of the strong connections between city, people, nature and water and health, this paradigm is shifting. The international editorial team, consisting of researchers and professionals across several disciplines, leads the reader through theoretical aspects, evidence, illustrated case studies, risk assessment and a series of validated tools to aid planning and design before finishing with overarching planning and design principles for a range of blue-space types. Over 200 full-colour illustrations accompany the case-study examples from geographic locations all over the world, including Portugal, the United Kingdom, China, Canada, the US, South Korea, Singapore, Norway and Estonia. With green and blue infrastructure now at the forefront of current policies and trends to promote healthy, sustainable cities, *Urban Blue Spaces* is a must-have for professionals and students in landscape planning, urban design and environmental design. Open Access for the book was funded by the European Union's Horizon 2020 research and innovation programme under grant agreement No 666773

## Textbook of Public Health Dentistry - E-Book

*Elsevier Health Sciences* The third edition of the book is thoroughly updated and presented in new four-colour format. Based on the syllabus prescribed by Dental Council of India, the book covers various aspects of public health, dental public health, preventive dentistry, social sciences and research methodology through simple presentations of the content. The book is specifically designed to cater the needs of undergraduate students, would also be useful for postgraduate students and academicians. Salient Features Provides comprehensive elucidation of Public Health Dentistry covering from the very basics to current understanding of the discipline Categorization of chapters in sections helps to provide continuity and clarity to the readers Thoroughly updated chapters on infection control in Dental Setting, Forensic Dentistry, Hospital Administration, Occupational Hazards, Nutrition And Oral Health, Minimal Invasive Dentistry, National Oral Health Policy, Global Perspective of Fluorides and Dental Practice Management Contemporary issues are highlighted with more organized and rational description Includes some useful information like facts about tobacco, fluorides and clinical cases proforma separately under the Appendices Additional Features Complimentary access to enhanced e-book for digital assets: Procedural videos Lecture notes on important topics New to This Edition Includes new chapter on Primary Oral Health Care Program Addition of many new figures, tables, flowcharts to facilitate greater retention of knowledge

## Epidemiological Methods in Life Course Research

*OUP Oxford* Life course epidemiology is concerned with the origins of risk, resilience, and the processes of ageing, and how this information can be of value in a public health context - particularly for preventive health care. Its challenge is to discover, develop and analyse sources of data that cover many years of life, especially the early developmental period when, it is thought, some fundamental aspects of lifetime health begin. It also analyses genetic propensity and environmental exposures. The rapid development of life course epidemiology, in parallel with new work on developmental biology and the biology of ageing, has brought innovative and ingenious methods of data collection. These require new methodological techniques for the design of observational and quasi-experimental studies of life course pathways to adult health. This book describes these developments, together with arguments for improving the measurement of the social environment and its role in developing individual vulnerability or adaptation. The development of bio-bank large-scale population studies for the investigation of genetic effects is discussed, alongside the challenges this creates for the epidemiologist. The changing design of studies, increasing flow of longitudinal data, management of data, analytic challenges, timing, and both traditional and more recent methods of managing these features in the study of causality, are discussed. Life course epidemiology has an essential role in developing methods to evaluate precisely the impact of interacting developmental, environmental, and genetic effects, knowledge of which is fundamental for the design of effective prevention strategies in public health, as well as for the advancement of understanding in the broader spheres of health and medicine.

## Epidemiology and Demography in Public Health

*Academic Press* *Epidemiology and Demography in Public Health* provides practical guidance on planning and implementing surveillance and investigation of disease and disease outbreaks. Exploring contributing factors to the dynamics of disease transmission and the identification of population risks, it also includes a discussion of ethics in epidemiology and demography including important issues of privacy vs. public safety. With a chapter on H1N1 and Bird flu, this book will be important for students and professionals in public health and epidemiology. Focuses on the techniques of surveillance and investigation of disease Includes biostatistics and analysis techniques Explores the ethics of disease studies Includes chapter discussing H1N1 and Bird Flu

## New Scientist

*New Scientist* magazine was launched in 1956 "for all those men and women who are interested in scientific discovery, and in its industrial, commercial and social consequences". The brand's mission is no different today - for its consumers, *New Scientist* reports, explores and interprets the results of human endeavour set in the context of society and culture.

## A Life Course Approach to Healthy Ageing

*Oxford University Press* This title investigates the lifetime determinants of healthy ageing and their implications for policy and practice, bringing together authorities in ageing research and knowledge transfer from across the world.

## Hunter's Diseases of Occupations, Tenth Edition

*CRC Press* Winner of the 2011 BMA book awards: medicine category In the five decades since its first publication, *Hunter's Diseases of Occupations* has remained the pre-eminent text on diseases caused by work, universally recognized as the most authoritative source of information in the field. It is an important guide for doctors in all disciplines who may encounter occupational diseases in their practice, covering topics as diverse as work and stress, asbestos-related disease, working at high altitude and major chemical incidents, many of which are highly topical. The Tenth Edition of *Hunter's Diseases of Occupations* has been fully revised and updated, presenting all practitioners considering an occupational cause for a patient's condition with comprehensive coverage of work-related diseases as they present in modern and developing industrialised societies. It draws on the wide-ranging and in-depth clinical knowledge and experience, and academic excellence, of top experts in the field.