Essential Epidemiology
An Introduction for Students and Health Professionals
Penny Margaret Webb
Christopher James Bain
and Sandi Lynn Pirozzo
All from the University of Queensland, Australia

This is an accessible, easily readable, and thoroughly modern introduction to epidemiology for students of medicine and public health. It combines a strong public health perspective and rationale with modern methodological insights. It emphasises the fundamental principles common to all areas of epidemiology and, unlike many other texts, integrates both public health and clinical epidemiology and the study of infectious and chronic diseases. It provides a good understanding of the methods and potential problems underlying epidemiological data and reports but also provides a thorough introduction for would-be epidemiologists.

Features
• Includes chapters on reading the literature and writing reviews that are central to public health but are often not addressed by other introductory level texts
• Extensive use of examples (modern and classical) and questions and exercises to reinforce key points
• Holistic approach that integrates many aspects of epidemiology that are often seen as separate (infectious/non-infectious, public health/clinical)

Contents:

May 2005 348pp 128 illustrations
0 521 54661 3 Paperback £24.99
Essential Evidence-Based Medicine

Dan Mayer
Albany Medical College, New York, USA

Evidence Based Medicine (EBM), using the best evidence in the literature for the best care for an individual patient, sounds very simple. Yet, most medical students and physicians do not have the mathematical background or training to critically evaluate published research. This ‘users guide’ to EBM helps you become a more discriminating reader of the medical literature, and better equipped to apply EBM in practice.

Features
- An accessible and ideal introduction to EBM for non-mathematically inclined students and all consumers of medical research
- Accompanied by an interactive and fun-to-use CD-ROM consisting of practice problems and journal articles that reinforce the concepts taught in the book
- Also includes advanced topics in medical decision-making


Medical Statistics from A to Z

A Guide for Clinicians and Medical Students

B. S. Everitt
Institute of Psychiatry, London, UK

From ‘Absolute risk’ to ‘Zero-sum game’ – this accessible introduction to the terminology of medical statistics encompasses more than 1500 terms all clearly explained, illustrated and defined in non-technical language, and without any mathematical formulae! A painless guide to the bewildering world of medical statistics for doctors and students alike.

Features
- An accessible, user friendly, non-technical introduction to statistics
- 1500 terms and definitions, supplemented with suggested further reading and references, helpful tips and asides, and illustrated throughout
- Cross-referencing between related entries provides easy navigation and a deeper insight into the topic


Ethics and Evidence-Based Medicine

Fallibility and Responsibility in Clinical Science

Kenneth W. Goodman
University of Miami, USA

‘Goodman’s book is well worth reading by anyone interested in health policy, EBM, and research synthesis. It is lucid and elegantly written.’

Decision Making in Health and Medicine
Integrating Evidence and Values
Myriam Hunink
Erasmus University, Rotterdam
Paul Glasziou
University of Oxford, UK
Joanna Siegel
Agency for Healthcare Research and Quality, USA
Jane Weeks
Dana-Farber Cancer Institute and Harvard Medical School, USA
Joseph Pliskin
Ben-Gurion University of the Negev and Harvard School of Public Health, USA
Arthur Elstein
University of Illinois College of Medicine, USA
and Milton Weinstein
Harvard School of Public Health, USA

Decision making in health care involves navigating through a complex and tangled web of diagnostic and therapeutic uncertainties, patient preferences and values, and costs. This textbook plots a clear course through these conflicting variables and is designed for trainees and for students studying clinical decision analysis, EB-medicine, and clinical epidemiology.

2001 404pp 168 illustrations
0 521 77029 7 Paperback with CD Rom £40.00

Multivariable Analysis
A Practical Guide for Clinicians
2nd edition
Mitchell H. Katz
University of California, San Francisco, USA

This new edition has been fully revised to build on the enormous success of its popular predecessor. It now includes new features introduced by readers' requests including a new chapter on propensity score, more detail on clustered data and Poisson regression and a new section on analysis of variance. As before it describes how to perform and interpret multivariable analysis, using plain language rather than complex derivations and mathematical formulae. It is the perfect introduction for all clinical researchers.

Features
• Provides a nonmathematical introduction
• Nuts and bolts practical approach for clinical relevance
• Includes answers to basic questions

Contents

2005 236pp 41 illustrations
0 521 54985 X Paperback £24.99
0 521 84051 1 Hardback £50.00

Statistical Modeling for Biomedical Researchers
A Simple Introduction to the Analysis of Complex Data
William D. Dupont
Vanderbilt University, Tennessee, USA

This text will enable biomedical researchers to use several advanced statistical methods that have proven valuable in medical research.

Features
• Covering advanced topics like generalized linear models, survival analysis, or repeated-measures analysis of variance without requiring students to have advanced mathematical skills
• These techniques have become invaluable in analyzing complex data from population-based medical research
• Numerous real examples from the medical literature illustrate these techniques

2002 404pp 101 illustrations 74 exercises
0 521 65578 1 Paperback £30.00
0 521 82061 8 Hardback £60.00

Systematic Reviews in Health Care
A Practical Guide
Paul Glasziou and Chris Bain
Both from University of Queensland, Australia
Les Irwig
University of Sydney, Australia
Graham Colditz
Harvard School of Public Health, USA

‘...provides a readable, concise description of all the methodologies, limitations and strengths of systematic reviews without excessive detail but greater depth than standard How to do EBM texts.’

DOCTORS.NET

2001 148pp 17 illustrations
0 521 79962 7 Paperback £20.99
Textbook

**Epidemiological Studies**

A Practical Guide

2nd edition

Alan J. Silman and Gary J. Macfarlane
Both from University of Manchester, UK

This new edition of a successful book explains the principles and practice of epidemiology, serving as a handbook for those who wish to do epidemiology; it uses relevant exercises and examples, taken from real life, to illustrate how to set up a study; it serves to produce valid results that will satisfy grant bodies, ethical committees and journal editors; ultimately it bridges the gap between theory and practice.

From a review of the first edition:

‘... evolved from a teaching programme in epidemiology for public health students, and has obviously benefited from refinements made by feedback from participants ... a very useful and user-friendly volume as an introduction to the field of epidemiology.’

**Features**

- Inter-disciplinary, it is a unique blend of public health science, history of medicine, ethics and philosophy
- Highly topical and relevant to contemporary concerns about air pollution and climate change
- Suitable for students of public health and professional practitioners

**Contents:**

- Glossary of terms and abbreviations; Introduction;

2002 256pp 60 illustrations
0 521 00939 1 Paperback £26.00
0 521 81097 3 Hardback £50.00

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**Air, the Environment and Public Health**

Anthony Kessel
London School of Hygiene and Tropical Medicine, UK

Foreword by David Greaves and Tony McMichael

Tracing the theme of air and health from ancient civilisations to the present day the book explores the changing conceptions of air and health alongside historical developments in public health. The book covers areas such as air and health in early civilisations, smoke pollution, modern air pollution epidemiology, and climate change. Blending public health science, history of medicine, ethics and philosophy, the book will be of interest to those working or studying in public health, environmental health, medicine, history of medicine, and medical ethics.

**Features**

- Provides a global perspective embracing rich and poor countries
- Extensively up-dated and includes numerous summary points and references
- A critical review of health trends worldwide at a time when new challenges are emerging

**Contents:**

- A critical review of health trends
- Extensively up-dated and includes numerous summary points and references
- Provides a global perspective embracing rich and poor countries

2004 318pp 31 illustrations
0 521 83291 8 Hardback £60.00
0 521 54047 X Paperback £29.00

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**Public Health at the Crossroads**

Achievements and Prospects

2nd edition

Robert Beaglehole
and Ruth Bonita
Both from the World Health Organization, Geneva, Switzerland

This book is an introduction to public health as a discipline and a critique of its recent development. This extensively revised edition reviews major health trends, the current state of the world’s health, and the latest estimates of the global burden of disease. With examples drawn widely from rich and poor countries, the authors argue for an inclusive vision of public health based on the application in public policy of improved epidemiological understanding of the causes of disease. It will be essential reading for all those in public health.

**Features**

- Provides a global perspective embracing rich and poor countries
- Extensively up-dated and includes numerous summary points and references
- A critical review of health trends worldwide at a time when new challenges are emerging

**Contents:**

- A critical review of health trends
- Extensively up-dated and includes numerous summary points and references
- Provides a global perspective embracing rich and poor countries

2004 318pp 31 illustrations
0 521 83291 8 Hardback £60.00
0 521 54047 X Paperback £29.00

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**Textbook**
Refugee and Immigrant Health
A Handbook for Health Professionals
Edited by Charles Kemp
Baylor University, Texas, USA
and Lance A. Rasbridge
Parkland Health and Hospital Systems, Dallas, Texas, USA

We live in an age of constantly shifting populations, as immigrants and refugees seek a safe haven from war, famine and poverty. Based on the authors’ combined forty-plus years of work as clinicians and teachers in refugee and immigrant health, this account is practical, yet theory-based, so it can be used in the field and as a teaching text. It bridges physical health (highlighting infectious disease risks), mental health, and spiritual issues. It also details health beliefs and practices of 30 cultures from more than 40 countries.

Features
• Focus on cultural competence
• Balances theory and clinical application of theory
• Population-specific information on 30 cultures and broad background issues on immigrants and refugees

Contents: Part I. Issues and Background; Part II. Cultural Traditions and Populations.

2004 394pp 20 illustrations
0 521 53560 3 Paperback £38.00
0 521 82859 7 Hardback £75.00

Human Frontiers, Environments and Disease
Past Patterns, Uncertain Futures
Tony McMichael
National Centre for Epidemiology and Population health, Canberra, Australia

This compelling account charts the relentless trajectory of humankind, and its changing survival and disease patterns, across place and time from when our ancient ancestors roamed the African Savannah to today’s populous, industrialised, globalising world.

‘... a big, beautiful, and infuriating book that must be read by anyone seriously concerned with the viability of our only planet.’
THE LANCET

‘The style is relaxed but succinct: I have seldom encountered a text where the essential points about disease causation were given so pleasantly and effectively.’
THE BRITISH JOURNAL OF GENERAL PRACTICE

2001 430pp 37 illustrations
0 521 00494 2 Paperback £20.99
0 521 80311 X Hardback £45.00

Environmental Change, Climate and Health
Issues and Research Methods
Edited by P. Martens
Universiteit Maastricht, Netherlands
and A. J. McMichael
Australian National University, Canberra, Australia

An analysis of the impact of global environmental change on human health for researchers and graduate students.

2002 352pp 105 illustrations
0 521 78236 8 Hardback £70.00

Terrorism and Disaster
Individual and Community Mental Health Interventions
Edited by Robert Ursano, Carol S. Fullerton and Ann Norwood
All from the Uniformed Services University of the Health Sciences, Bethesda, USA

Many professionals believe that terrorism produces the highest and most diffuse rates of psychiatric sequelae of all the types of disaster. In this book the world’s experts assess the lessons learned from the most recent atrocities in terms of prevention, intervention, the effect of leadership, and the effects of contamination.

2003 364pp 49 illustrations
0 521 53345 7 Paperback £40.00
0 521 82606 3 Hardback £110.00

Dicing with Death
Chance, Risk and Health
Stephen Senn
University College London, UK

An explanation of the whys and hows of statistical reasoning in medicine and health.

‘... thought provoking and rewarding ... whether your taste is for the nitty-gritty of controversies, like the alleged link between childhood MMR vaccination and autism, or for pensive reflection on the philosophy of knowledge, you will find much of value here.’
NEW SCIENTIST

2003 264pp 64 illustrations
0 521 54023 2 Paperback £14.99
0 521 83259 4 Hardback £45.00
The Epidemiology of Schizophrenia
Edited by Robin M. Murray
Institute of Psychiatry, London, UK
Peter B. Jones
University of Cambridge, UK
Ezra Susser
Columbia University, New York, USA
Jim Van Os
Universiteit Maastricht, Netherlands
and Mary Cannon
Institute of Psychiatry, London, UK

An epidemiological overview of schizophrenia, drawing together the findings from social, genetic, developmental and classical epidemiology. Controversial issues on its nature and cause are explored in depth, and separate chapters are devoted to suicide, violence and substance abuse, new prospects for treatment, and prevention.

Contents: Part I. The Social Epidemiology of Schizophrenia; Part II. The Developmental Epidemiology of Schizophrenia; Part III. The Genetic Epidemiology of Schizophrenia; Part IV. Special Issues in the Epidemiology of Schizophrenia; Part V. Future Directions and Emerging Issues.

2002 470pp 58 illustrations 0 521 77540 X Hardback £60.00

HIV/AIDS in South Africa
Edited by Salim Karim and Quarraisha Karim
Both from the University of Natal, South Africa

This definitive textbook was written by a highly-respected team of southern African HIV experts and provides a thoroughly researched account of the epidemic in the region. It covers the numbers behind the epidemic, sections on the science of the virus, its structure, diagnosis and spread. HIV risk factors and prevention strategies, the politics and impact of AIDS in all aspects of South African life and finally examines the treatment of HIV and AIDS. It concludes with a discussion on the future of AIDS in South Africa.


June 2005 700pp 0 521 61629 8 Paperback £35.00
The Moral Economy of AIDS in South Africa
Nicoli Nattrass
University of Cape Town, South Africa
Relatively few people have access to antiretroviral treatment in South Africa. The government justifies this on grounds of affordability, a view that Nicoli Nattrass argues is insulating AIDS policy from social discussion and the possibilities of financing a large scale intervention. Nattrass addresses South Africa’s contentious AIDS policy from both an economic and ethical perspective. This relevant and accessible work is a valuable resource for readers with an interest in AIDS policy and the social and economic implications of the pandemic.

Features
• The only book to give a detailed overview of AIDS policy in South Africa
• It makes an economic and social case for expanded AIDS prevention and treatment intervention
• An expert analysis of the macroeconomic impact of AIDS

Hospital Infection
From Miasmas to MRSA
Graham A. J. Ayliffe
University of Birmingham, UK
Mary P. English
United Bristol Hospitals Trust, UK
Foreword by Bill Newsom
‘Despite a daunting remit, the authors accomplish their task with panache, incorporating history and science in a book that manages to stay fresh and readable where the nature of the subject matter could have rendered it dry ... full of fascinating snippets of information’.
BRITISH MEDICAL JOURNAL

Features
• A fascinating study of the history of hospital infections right through to the present day
• Illuminated with accounts of key personalities including Joseph Lister, Florence Nightingale, Louis Pasteur and Robert Koch
• Encompasses a history of hospital care and the emergence of medical microbiology and hospital infection control

Cannabis Use and Dependence
Public Health and Public Policy
Wayne Hall
University of Queensland, Australia
and Rosalie Liccardo Pacula
RAND Corporation, California, USA
This book explores the relationship between health policy, public health and the law regarding cannabis use. It combines recent research in the physiological, social and economic policy fields, examines current debates about ‘safe use’ and ‘harm minimisation’, as well as the experiences of different prevention, treatment and education policies.

Features
• Combines the best and most recent research in the physiological, social and economic policy fields
• This is an internationally comparative book that looks across a wide range of cannabis policies and examines their efficacy
• Both authors are leading drug advisors in their respective countries

Outcomes Assessment in Cancer
Measures, Methods, and Applications
Edited by Joseph Lipscomb
National Cancer Institute, Bethesda, Maryland, USA
Carolyn C. Gotay
Cancer Research Center, Hawaii, USA
and Claire Snyder
National Cancer Institute, Bethesda, Maryland, USA
Cancer has profound effects on patients and families, but measuring outcomes such as quality of life poses unique challenges. This book provides perspectives on the state of cancer outcomes measurement and offers a penetrating discussion on a topic critically important to evaluating and enhancing the quality of cancer care.

Investigating Neurological Disease
Epidemiology for Clinical Neurology
Albert Hofman
Erasmus University Medical School, Rotterdam, The Netherlands
Richard Mayeux
Columbia University, USA
This wide-ranging handbook reviews the epidemiology of neurological disease and the treatment and prognosis of all major diseases of the nervous system. Coverage includes both quantitative methods in research and individual neurological diseases.

Public Health