

CAMBRIDGE

Medicine

# Epidemiology, Medical Statistics and Public Health

For further information visit

[www.cambridge.org/epidemiology](http://www.cambridge.org/epidemiology)

CAMBRIDGE  
UNIVERSITY PRESS

# Genetics, Health Care and Public Policy

An Introduction to Public Health Genetics

Alison Stewart

Philippa Brice

Hilary Burton

*All from the Public Health Genetics Unit, Cambridge, UK*

Paul Pharoah

*University of Cambridge, UK*

Simon Sanderson

and Ron Zimmern

*Both from Public Health Genetics Unit, Cambridge, UK*

Public health genetics brings together the insights of genetic and molecular science as a means of protecting and improving the health of the population. This book sets out the basic principles involved and provides one-stop introductory coverage of this rapidly developing and multidisciplinary field.

- *Rigorous and well-researched*
- *Covers basic genetics through to the implications for policy*
- *Accessible to those with no prior knowledge of the field*

**Contents:** 1. Introduction; 2. Genetic science and technology; 3. Fundamentals of genetic epidemiology; 4. Genetics in medicine; 5. Genetics in health services; 6. Ethical, legal and social issues; 7. Policy for genetic science.

2007 350pp 41 line diagrams 1 half-tone  
**978-0-521-52907-5 PB £35.00**

# Genes and Common Diseases

Genetics in Modern Medicine

Edited by Alan Wright

Nicholas Hastie

*Both from the MRC Human Genetics Unit, Edinburgh, Scotland*

The current shift in emphasis from the study of rare single gene disorders to common diseases brings genetics into every aspect of modern medicine. This book takes a hard and self-critical look at what can and cannot be achieved using a genetic approach and what is known about genetic and environmental mechanisms in a variety of common diseases.

- *It clarifies the goals of human genetic research by providing state-of-the art insights into known molecular mechanisms underlying common disease processes.*
- *Wide range of clinical disorders covered and clear illustrations which help explain complex genetic concepts*

**Contents:** Part I. Introductory Principles; Part II. Common Medical Disorders.

2007 560pp 32 line diagrams 5 half-tones 23 colour figures  
**978-0-521-54100-8 PB £40.00**  
**978-0-521-83339-4 HB £85.00**

# The Economics of Health Equity

Edited by Di McIntyre

*University of Cape Town, South Africa*

and Gavin Mooney

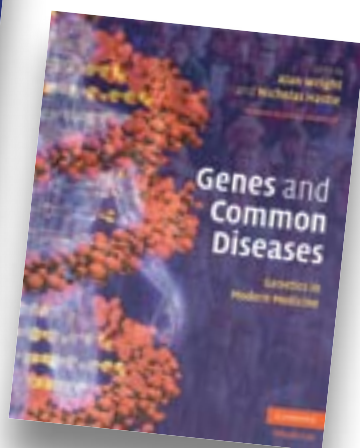
*Curtin University of Technology, Perth, Australia*

Why, despite being seen as an important goal, health equity has not made more progress within countries and globally, and what is needed to change for a greater success in delivering fairness? Here existing and past barriers to promoting equity are examined, citing case examples, and covering issues including access to health services and inequalities between and within countries.

- *A manifesto for achieving health equity for the future*
- *Sets health inequities in a global context*
- *Identifies ways of improving health equity for the future*

**Contents:** Part I. Introduction; Part II. Equity in General; Part III. Health Service Access; Part IV. Equity and Health Systems; Part V. Lessons from Individual Countries; Part VI. Future Action.

2007 296pp 12 line diagrams 11 half-tones 15 tables  
**978-0-521-70506-6 PB £35.00**



## Extreme Prematurity

Practices, Bioethics and the Law

Geoffrey Miller

Yale University, Connecticut, USA

There is an alarming rise in multiple and preterm births, due to the increase in women experiencing premature labor and undergoing assisted reproductive procedures. *Extreme Prematurity* examines the controversial issues surrounding the clinical management of this group of neonates by the intervention of modern neonatal intensive care.

- *Reviews both the epidemiology and practices, and the bioethics considerations of this problem on a country by country basis*
- *Covers current national and international guidelines*

2007 240pp

978-0-521-68053-0

PB

£17.99

978-0-521-86221-9

HB

£40.00

**Forthcoming**

## Medical Decision Making

A Physician's Guide

Alan Schwartz

University of Illinois, Chicago, USA

and George Bergus

University of Iowa, USA

Decision making is a key activity, perhaps the most important activity, in the practice of healthcare. Although physicians acquire a great deal of knowledge and specialised skills during their training and through their practice, it is in the exercise of clinical judgement and its application to individual patients that the outstanding physician is distinguished. This book translates the research and theory from the science of decision making into clinically useful tools and principles helping to demystify decision theory.

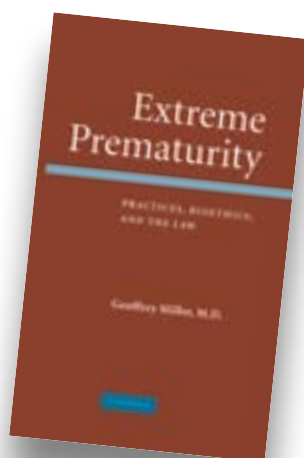
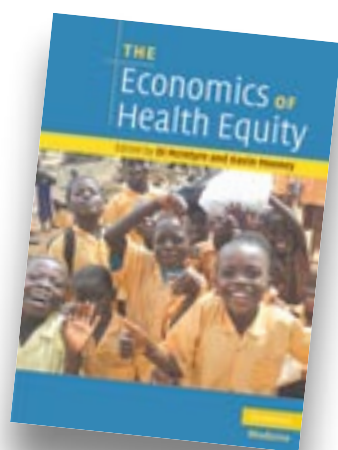
- *A practical guide to developing sound clinical judgement*
- *Explains decision theory with a focus on relevant clinical concepts rather than mathematics*
- *Illustrated with case studies and includes end of chapter reflection questions*

June 2008 274pp 23 line diagrams 7 half-tones 22 tables  
30 figures

978-0-521-69769-9

Paperback

c. £29.99



For full contents and sample material:

[www.cambridge.org/epidemiology](http://www.cambridge.org/epidemiology)

**browse online**

**check it out today!**

## Textbook

### Essential Epidemiology

An Introduction for Students  
and Health Professionals

Penny Webb

*Queensland Institute of Medical Research, Australia*

Chris Bain

Sandi Pirozzo

*Both from University of Queensland, Australia*

*'In this book, the authors have succinctly outlined the key concepts in modern epidemiology. ... the way forward is to 'think smarter' – this book provides the ideal starting point for those wanting to do just that.'*

INTERNATIONAL JOURNAL OF EPIDEMIOLOGY

2005 366pp 79 line diagrams 49 tables

978-0-521-54661-4 PB £26.99

## Textbook

### Essential Evidence-Based Medicine

Dan Mayer

*Albany Medical College, New York, USA*

*'... highly accurate, and easy to read textbook about EBM, suitable for all lifelong learners of medicine. Modestly titled 'Essential,' it contains much more than the essentials. It contains – and conveys – true understanding.'*

BMJ.COM

2004 392pp 92 line diagrams 14 half-tones 40 tables

978-0-521-54027-8 PB £27.99

## Textbook

### Essential Public Health

Theory and Practice

Stephen Gillam

Jan Yates

and Padmanabhan Badrinath

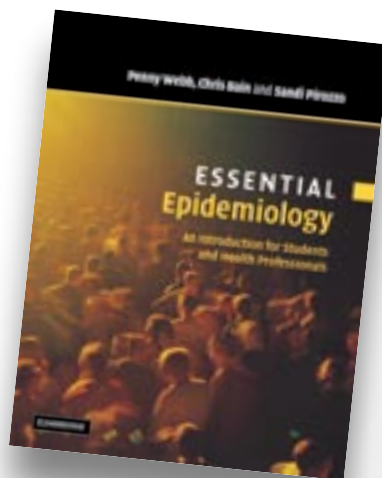
*All from the University of Cambridge, UK*

How can society most effectively prevent disease and promote health? This is the challenge addressed by this textbook. Public health has been defined as the art and science of preventing disease, prolonging life and promoting health through the organised efforts of society. The 'science' is concerned with making a diagnosis of a population's health problems, establishing their cause, and determining effective interventions. The 'art' is to address these problems creatively. The book captures both the art and the science of the field

- A comprehensive textbook equipping the reader with the core skills for public health practice
- Written as succinct chapters with key points highlighted and illustrated with case examples
- Includes a CD with self-assessment questions and exercises to test understanding

2007 350pp 39 line diagrams 3 half-tones 27 tables

978-0-521-68983-0 PB £29.99





## Multivariable Analysis

A Practical Guide for Clinicians

2nd edition

Mitchell H. Katz

University of California, San Francisco, USA

Building on the enormous success of its popular predecessor the 2nd edition 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. It describes how to perform and interpret multivariable analysis, using plain language rather than complex derivations and mathematical formulae.

- A nonmathematical introduction
- How to perform and interpret multivariable analysis, using plain language rather than complex derivations.
- Provides answers to basic questions

2006 220pp 26 line diagrams 15 tables

978-0-521-84051-4 HB £67.00

Graduate Textbook

## Study Design and Statistical Analysis

A Practical Guide for Clinicians

Mitchell Katz

University of California, San Francisco, USA

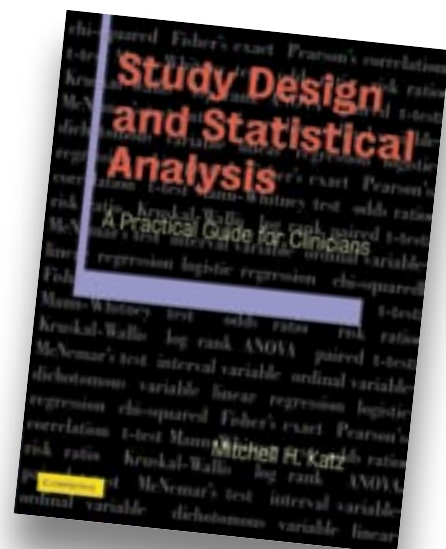
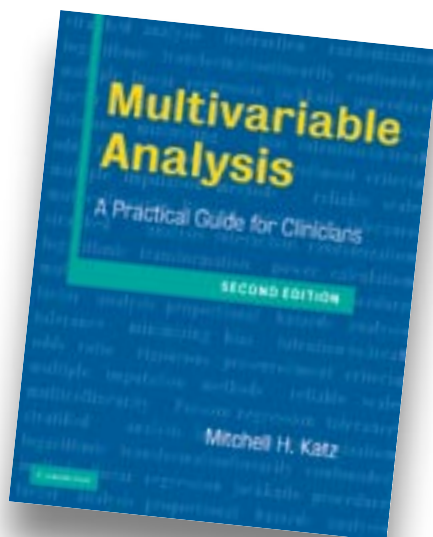
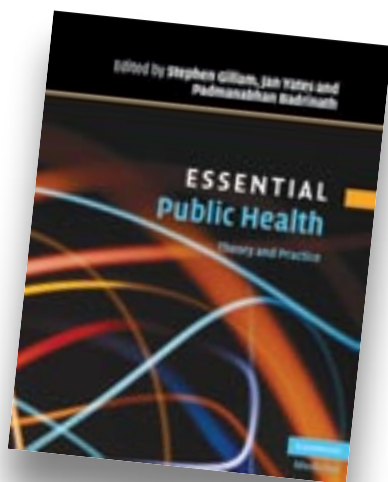
This book takes the reader through the entire research process: choosing a question, designing a study, collecting the data, using univariate, bivariate and multivariable analysis, and publishing the results. It does so by using plain language rather than complex derivations and mathematical formulae.

- Provides a conceptual understanding in a non mathematical way
- Nuts and bolts practical approach for clinical relevance
- Makes good use of numerous tables, graphs and tips to help demystify the process.

2006 200pp 23 line diagrams

978-0-521-53407-9 PB £26.99

978-0-521-82675-4 HB £59.00



For full contents and sample material:

[www.cambridge.org/epidemiology](http://www.cambridge.org/epidemiology)

browse online

check it out today!

## Applied Multilevel Analysis

A Practical Guide for Medical Researchers

Jos W. R. Twisk

*VU Medical Center, Amsterdam, Netherlands*

Most books on multilevel analysis are written by statisticians, and they focus on the mathematical background. In contrast, this volume provides an accessible account on the application of multilevel analysis in research. It addresses the practical issues that confront those undertaking research and wanting to find the correct answers to research questions. Written for non-mathematical researchers it explains when and how to use multilevel analysis.

- *A practical introduction to multilevel analysis suitable for all those doing research*
- *Datasets of the examples are available on the internet*
- *Comparison between software packages*

*Practical Guides to Biostatistics and Epidemiology*

2006 196pp 23 line diagrams 20 tables

**978-0-521-61498-6 PB £25.99**

**978-0-521-84975-3 HB £62.00**

## Secondary Data Sources for Public Health

A Practical Guide

Sarah Boslaugh

*Washington University, St Louis, USA*

Secondary data analysis plays an increasingly important role in epidemiology and public health research and practice, but many difficulties confront researchers and analysts who wish to use secondary data to address a research or policy question. This practical guide provides both an introduction to secondary data analysis and a list of major sources of secondary data in the United States.

- *Discussion of issues involved in secondary data analysis*
- *Focused specifically on epidemiology and public health*

*Practical Guides to Biostatistics and Epidemiology*

2007 164pp

**978-0-521-69023-2 PB £18.99**

**978-0-521-87001-6 HB £50.00**

## Medical Statistics from A to Z

A Guide for Clinicians and Medical Students

*2nd edition*

B. S. Everitt

*Institute of Psychiatry, London, UK*

From 'Abcissa' to 'Zygosity determination' – this introduction to the terminology of medical statistics describes more than 1500 terms all clearly explained, illustrated and defined in non-technical language, without any mathematical formulae! With the majority of terms revised and updated and the addition of more than 100 brand new definitions, this new edition will enable medical readers and researchers to quickly grasp the meaning of any of the statistical terms they encounter when reading the medical literature.

*Praise for the 1st edition*

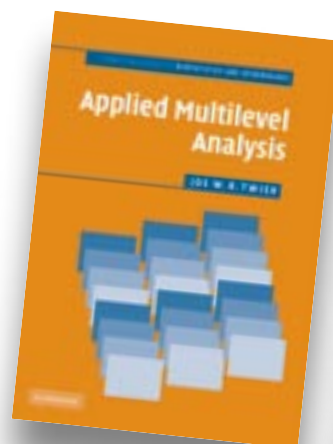
*'Everitt's book is very good as a first point of reference. In some cases, the entries in this book would be all that is required to help a clinician or medical student understand some of the terminology or graphs in a journal paper.'*

**EPIDEMIOLOGY AND INFECTION**

2006 256pp 86 line diagrams

**978-0-521-68718-8 Paperback £25.99**

**978-0-521-86763-4 Hardback £65.00**



## Public Health at the Crossroads

Achievements and Prospects

2nd edition

Robert Beaglehole

and Ruth Bonita

Both from World Health Organization, Geneva

Identifying poverty as the greatest continuing threat to health worldwide. The authors review 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, they argue for an inclusive vision of public health based on the application in public policy of improved epidemiological understanding of the causes of disease.

Praise for the 1st edition:

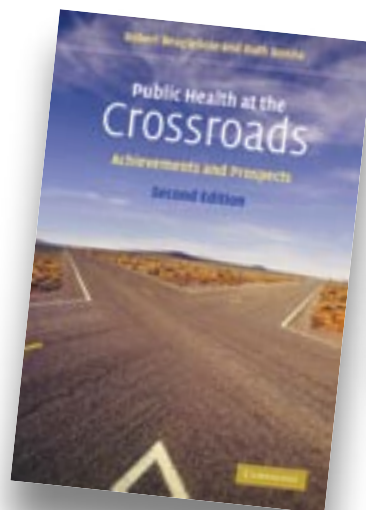
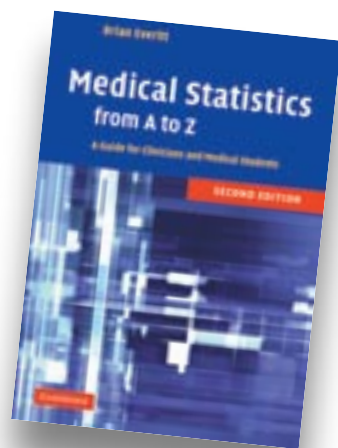
*'They provide a breadth of view that is difficult to beat. The book takes a truly global approach to the major public health issues of today. This book is clear, well written and interesting.'*

MEDICAL JOURNAL OF AUSTRALIA

2004 318pp 18 line diagrams 13 tables

978-0-521-54047-6 PB £34.00

978-0-521-83291-5 HB £75.00



## Air, the Environment and Public Health

Anthony Kessel

London School of Hygiene and Tropical Medicine, UK

A unique blend of public health science, history of medicine, ethics and philosophy. Covering areas such as air and health in early civilisations, smoke pollution, modern air pollution epidemiology, and climate change.

- *An exploration of the changing conceptions of air and health alongside historical developments in public health.*
- *Highly topical and relevant to contemporary concerns about air pollution and climate change*

2005 260pp 3 line diagrams 3 half-tones

978-0-521-83146-8

HB

£58.00

For full contents and sample material:

[www.cambridge.org/epidemiology](http://www.cambridge.org/epidemiology)

browse online

check it out today!

## The Mental Health Needs of Young Offenders

Forging Paths toward Reintegration and Rehabilitation

Edited by Carol L. Kessler  
*Columbia University, New York, USA*

and Louis James Kraus  
*Rush University, Chicago, USA*

The majority of young people in the American juvenile justice system have diagnosable mental illnesses, but these often remain undetected and untreated. In this book, a team of experts examines epidemiology, screening, diagnosis and treatment, covering innovative alternatives to detention; ethical dilemmas; preventive strategies; and integrated cross-disciplinary approaches.

2007 464pp 6 line diagrams 11 tables  
**978-0-521-61290-6 PB £35.00**

## Textbook of Cultural Psychiatry

Edited by Dinesh Bhugra  
*Institute of Psychiatry, London, UK*

and Kamaldeep Bhui  
*Barts & The London, Queen Mary School of Medicine and Dentistry, UK*

Cultural psychiatry is concerned with understanding the impact of social and cultural differences and similarities on mental illness and its treatments. A person's cultural characteristics can often lead to misunderstandings, influenced by language, non-verbal styles, codes of etiquette and assumptions. This book provides a framework for the provision of mental healthcare in a multi-cultural/ multi-racial society and global economy.

2007 612pp 13 line diagrams 5 half-tones  
**978-0-521-85653-9 HB £75.00**

## Society and Psychosis

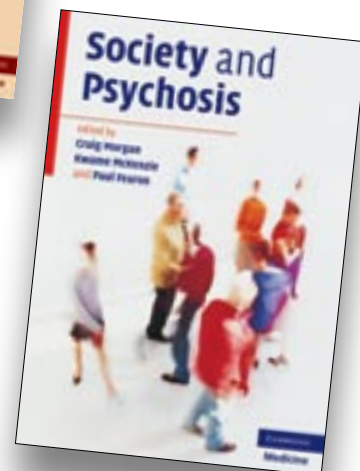
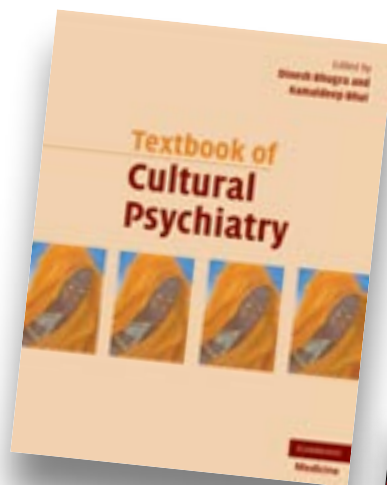
Edited by Craig Morgan  
*Institute of Psychiatry, King's College London, UK*

Kwame McKenzie  
*Centre for Addictions and Mental Health, Toronto, Canada*

and Paul Fearon  
*Institute of Psychiatry, King's College London, UK*

Psychiatry is in the process of rediscovering its roots. As our knowledge of physiological and genetic processes improves it becomes increasingly clear that social conditions and experiences over the life course are crucial to achieving a full understanding. This book reviews these issues from an international perspective, laying the foundations for a new understanding of the psychotic disorders.

March 2008 282pp 9 line diagrams 2 half-tones 6 tables  
**978-0-521-68959-5 PB £35.00**





## Ethno-psychopharmacology

Advances in Current Practice

Edited by Chee H. Ng

*University of Melbourne, Australia*

Keh-Ming Lin

*National Health Research Institutes, Taiwan*

Bruce S. Singh

and Edmond Chiu

*Both from the University of Melbourne, Australia*

No one reacts or responds to a drug in exactly the same way, just as no two persons are exactly alike. This book covers all the important factors that explain how and why drug treatments used in psychiatry affect individuals and ethnic groups differently.

2008 200pp 3 line diagrams 2 half-tones 5 figures

978-0-521-87363-5

HB

£55.00

## Social Inclusion of People with Mental Illness

Julian Leff

*Institute of Psychiatry, London, UK*

and Richard Warner

*University of Colorado, USA*

People with serious mental illness no longer spend years of their lives in psychiatric institutions. In developed countries, there has been a major shift in the focus of care from hospitals into the community. However, whilst it means those with mental illness are not confined, it does not guarantee they will be fully integrated into their communities. The barriers to full citizenship are partly due to the disabilities produced by their illnesses and partly by stigmatising and discriminatory attitudes of the public. This book analyses the causes of these barriers.

2006 202pp 2 line diagrams

978-0-521-61536-5 Paperback

£33.00

## Integrated Management of Depression in the Elderly

Carolyn A. Chew-Graham

*University of Manchester, UK*

Robert Baldwin

*Manchester Mental Health and Social Care NHS Trust, UK*

and Alistair Burns

*University of Manchester, UK*

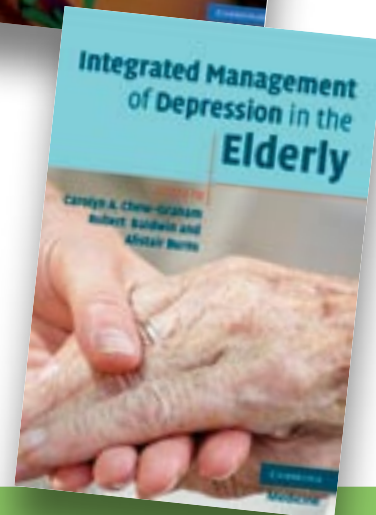
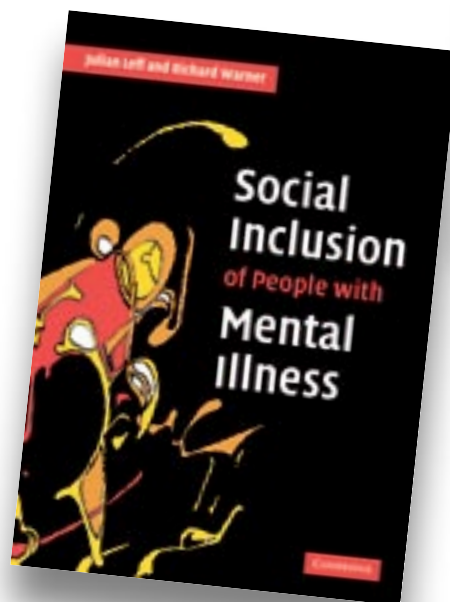
A new approach to understanding late-life depression, using a series of case studies with commentaries.

April 2008 200pp 2 line diagrams 14 tables 2 figures

978-0-521-68980-9

PB

£29.99



For full contents and sample material:

[www.cambridge.org/epidemiology](http://www.cambridge.org/epidemiology)

**browse online**

**check it out today!**

## Crisis Resolution and Home Treatment in Mental Health

Edited by Sonia Johnson  
*University College London, UK*

Justin Needle  
*City University, London, UK*

Jonathan P. Bindman  
*South London and Maudsley NHS Foundation Trust*  
and Graham Thornicroft  
*King's College London, UK*

A pioneering book combining history, theory and practical guidance on crisis resolution and home treatment teams.

July 2008 336pp 1 line diagram 2 half-tones 14 tables  
3 figures  
978-0-521-67875-9 PB £29.99

## Physical Illness and Schizophrenia

A Review of the Evidence

Stefan Leucht  
*Technische Universität München, Germany*

Tonja Burkard  
*Technische Universität München, Germany*

John H. Henderson  
*St George's Hospital Medical School, London, UK*

Mario Maj  
*Università di Napoli, Italy*

Norman Sartorius  
*Université de Genève, Switzerland*

It is well established that people suffering from schizophrenia have a higher prevalence of serious physical illness and a higher mortality than the general population. This book provides a systematic review of current research evidence on the prevalence of physical diseases in people with schizophrenia.

2007 224pp 4 line diagrams 42 tables  
978-0-521-88264-4 PB £29.99

## 9/11: Mental Health in the Wake of Terrorist Attacks

Edited by Yuval Neria

Raz Gross

Randall D. Marshall

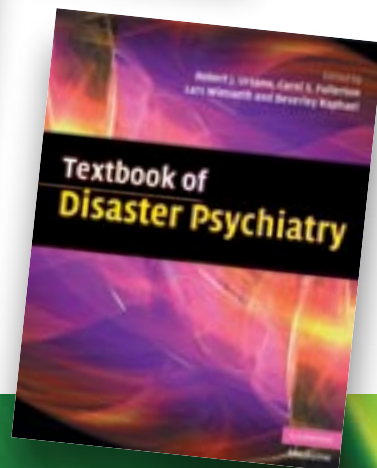
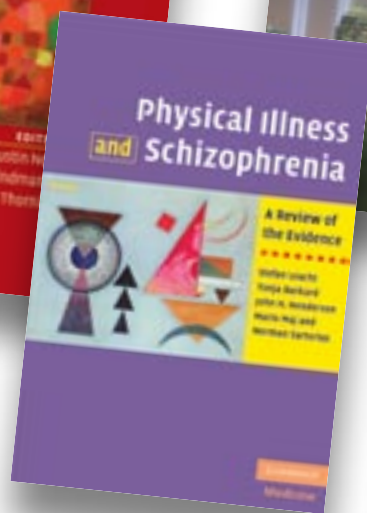
and Ezra S. Susser

*All from the Columbia University, New York, USA*

*'This is a great and exciting book; a volume filled with stories of endeavour, achievement, appraisal and learning; stories of heroism, challenge and hope. It will become a handbook for all who would research the impact of disaster and terrorism on mental health and well-being.'*

BEVERLY RAPHAEL.

2006 674pp 37 tables 20 graphs 20 figures  
978-0-521-83191-8 HB £70.00



## Learning Medicine

How to Become and Remain a Good Doctor

18th edition

Peter Richards

*University of Cambridge, UK*

Simon Stockill

*Leeds NHS Primary Care Trust, UK*

Rosalind Foster

*Barrister at Law*

and Elizabeth Ingall

*Medical Student*



A witty and entertaining guide to the pros and cons of studying and practising medicine. A must-read for anyone thinking of a career in medicine, or who is already in the training process and wants to understand and explore the various options and alternatives along the way. It provides the most current, honest and informative source of essential knowledge combined with pragmatic guidance.

2007 256pp 40 line diagrams 5 tables

978-0-521-70967-5 PB £19.99

## Textbook of Disaster Psychiatry

Edited by Robert J. Ursano

Carol S. Fullerton

*Both from Uniformed Services University of the Health Sciences, Maryland, USA*

Lars Weisaeth

*Universitetet i Oslo*

Beverley Raphael

*University of Western Sydney, Australia*

Focuses specifically on disaster psychiatry, reviewing the psychological, biological and social responses to disaster, looking at evidence-based clinical and public health interventions.

2007 354pp 19 line diagrams 4 half-tones 27 tables

978-0-521-85235-7 HB £55.00

## The Cambridge Textbook of Bioethics

Edited by Peter A. Singer

*University of Toronto, Canada*

and A. M. Viens

*University of Oxford, UK*

A succinct yet authoritative text and reference for clinicians, bioethicists, and advanced students seeking a better understanding of ethics problems in the clinical setting.

2008 554pp 6 line diagrams 2 half-tones

978-0-521-69443-8 PB £40.00

978-0-521-87284-3 HB £80.00

## Related Journals

### Epidemiology & Infection

[journals.cambridge.org/hyg](http://journals.cambridge.org/hyg)

### Journal of Biosocial Science

[journals.cambridge.org/jbs](http://journals.cambridge.org/jbs)

### BioSocieties

[journals.cambridge.org/bio](http://journals.cambridge.org/bio)

For full contents and sample material:

[www.cambridge.org/epidemiology](http://www.cambridge.org/epidemiology)

browse online

check it out today!

**browse online**

For full contents and sample material:

**[www.cambridge.org/epidemiology](http://www.cambridge.org/epidemiology)**

**check it out today!**



## **Medical Writing**

A Prescription for Clarity

*3rd edition*

Neville W. Goodman  
*Southmead Hospital,  
North Bristol NHS Trust, UK*  
and Martin B. Edwards

Clear, simple and precise, and illustrated with apt cartoons, this is an invaluable guide to medical writing.

*'Read this book, and make sure your students do ...'*

**BRITISH JOURNAL OF PSYCHIATRY**

2006 266pp 14 line diagrams 10 graphs  
**978-0-521-85857-1 PB £24.99**

Information is correct at time of going to press but is subject to change without prior notice

Please order from your local bookseller:

ISBN: 978-0-521-96038-0

Printed in the United Kingdom at the University Press, Cambridge, on elemental-chlorine-free paper from sustainable forests. The UK printing and publishing operations of Cambridge University Press are registered to ISO 14001:2004, 2008.



**CAMBRIDGE**  
**UNIVERSITY PRESS**  
[www.cambridge.org](http://www.cambridge.org)