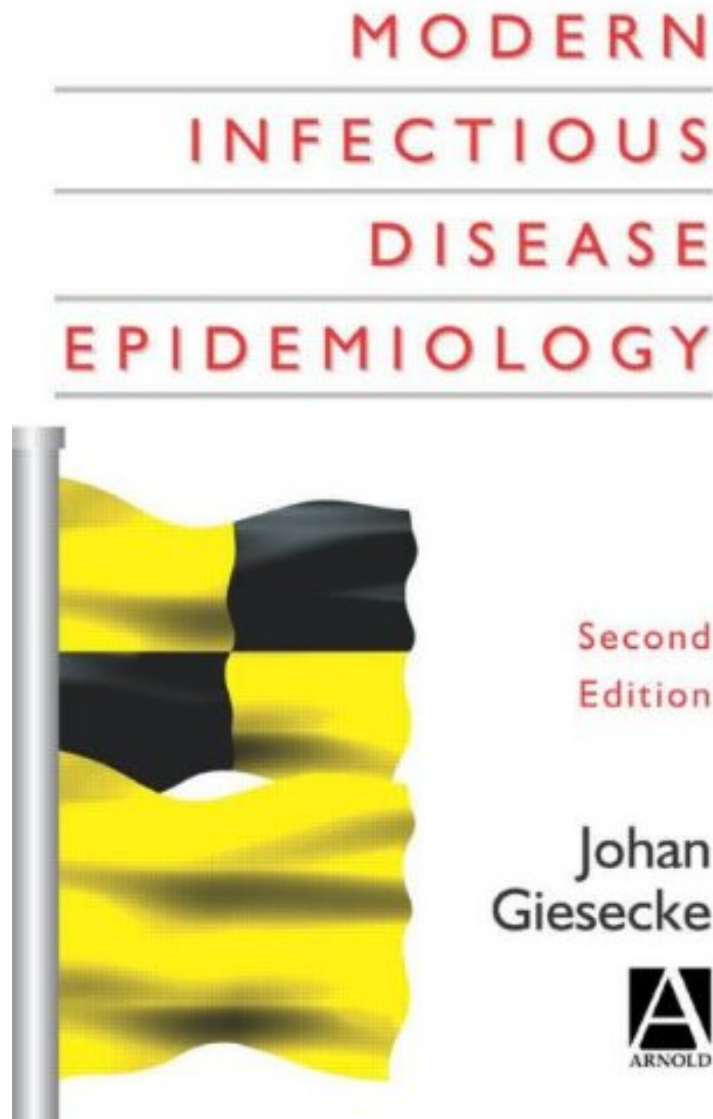


(Free) Modern Infectious Disease Epidemiology, Second Edition

Modern Infectious Disease Epidemiology, Second Edition

Johan Giesecke

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Johan Giesecke : Modern Infectious Disease Epidemiology, Second Edition before purchasing it in order to gauge whether or not it would be worth my time, and all praised Modern Infectious Disease Epidemiology, Second Edition:

1 of 1 people found the following review helpful. Just Right!By Justine PriceI'm currently an MPH candidate, concentrating in infectious disease epidemiology. While there are other well-written books in this field (particularly Dr. Kenrad Nelson's outstanding "Infectious Disease Epidemiology"), I have been looking for a text which succinctly encapsulates the general epi/biostats functions that might be considered the standard 'tools of the trade.' This book fills

that role exceptionally well. Topics range from natural history of disease, to epidemic curves, to chi square and basic regression analysis. Each chapter is just as simple as it should be, with very concise descriptions and clear, useful explanations. There are also several case studies which help to synthesize and better illustrate the subject matter within the framework of an actual real-world investigation. This book is an excellent companion to the broader scope of Dr. Nelson's work (above) and the APHA's "Control of Communicable Diseases Handbook." No new epidemiologist should be without all three!

13 of 13 people found the following review helpful. at last an intro epi book that takes infectious disease seriously

By Dale D. Hancock

Introductory epidemiology texts have historically been very weak on the special features of the epidemiology of infectious disease. The only texts available that adequately covered infectious disease epidemiology were too intense (mathematically and otherwise) for an undergraduate course, too expensive to impose on students, and/or lacking in the broad concepts of epidemiology that apply to non-infectious as well as infectious diseases. Dr. Giesecke's book smoothly integrates the broad concepts of epidemiology with the specific features of infectious disease. You will find here all the requisite concepts of introductory epidemiology such as incidence and prevalence, sensitivity and specificity, case-control and cohort studies, confounding and interaction. You will also find chapters on seroepidemiology, vaccination epidemiology, mathematical models for epidemics (with relatively low intensity math that most undergrads might handle), the study of contact patterns and other topics related to infectious disease, and others. In all this, Dr. Giesecke uses intuitive explanations that make difficult subjects comprehensible. Teachers of epidemiology will find this book very useful for introductory epidemiology courses. As a primer and/or refresher for those in public health and various medical professions, this book is--among a vast multitude of competitors--uniquely fitting.

0 of 0 people found the following review helpful. Disease Epidemiology Book - Giesecke

By Customer

This book cover twenty chapters of epiemiology. The book is over the average, centered in explain the traps of statistics and how to escape from that. The explanations are clear and reflect the high author's rationality capacity. Though the book title's mention disease epidemiology, it has many parts of general epidemiology concepts. It has limited exercises about the themes. Mario Approbato, MD, PhD. Master Degree and PhD Pos Graduation Course Federal University of Goias State, [...].

The second edition of *Modern Infectious Disease Epidemiology*, in line with changing health concerns, is a thorough revision of the first. Written from an infectious disease perspective throughout, the book aims to teach epidemiology to those with a background in this field. It seeks to fill the gap between the standard textbooks of epidemiology, which rarely approach the subject from an infectious disease perspective, and standard books on infection surveillance and control, which tend to slant more towards microbiology and practical measures than towards analytical epidemiology. Divided into two parts, the first covers the tools of epidemiology much like other textbooks, but always from an infectious disease perspective. The second covers the role of contact pattern from an assessment angle, and uses the tools learnt to illustrate the study of fundamental infectious disease concepts, such as infectivity, incubation periods, seroepidemiology and immunity. This detailed theoretical epidemiology textbook is clearly set out, with an expanded chapter on practical statistical methods, and a new chapter on descriptive epidemiology. Key features include new clinical examples and infectious disease problems of recent interest, such as tuberculosis and vCJD. All students of epidemiology, infectious disease medicine, and microbiology will find this an invaluable guide.

It is very readable and clearly and genially takes the reader through the basics of infectious diseases and epidemiology before bringing the two themes together. I have learned a lot from reading this clear exposition. This book was a delight to review. It is clearly written and has a very logical way of explaining the subject.

Judges at the 2002 BMA Medical Book Competition

Aw

This book is undoubtedly authoritative and detailed, and as such seems appropriate for those with an academic interest in communicable disease epidemiology, or a need to understand this field in great depth.

Journal of Public Health Medicine

Giesecke has to a great degree brought successfully together the basic tools of statistics and methodology and their application in understanding the epidemiology of infectious disease.

Microbiology Europe

There is a clarity and brevity when discussing necessary mathematical concepts so that a quick clear grasp of the issues can be gained. This is a lucid, thoroughly readable book which may be read from cover to cover or dipped into and referred to again.

Journal of Epidemiology

A very readable book that leaves you inspired and confident to tackle some of those gnawing questions without feeling the need to call up 'the epidemiologists'.

By his enthusiasm, I believe Professor Giesecke enjoyed writing this book and he has done us a service in doing so.

Tropical Doctor

This is the most authoratative and clearly written book on infectious disease epidemiology - the first edition was was outstanding - I am sure the second edition is even better. I strongly recommend it to my students and colleagues.

Dr Anjum Memon, Public Health Primary Care, Univer

About the Author

Johan Giesecke is at Karolinska Institute.