BOOK REVIEW

Book review editor: R. L. Maynard

If you wish to order, or require further information regarding the titles reviewed here, please write or telephone the BMJ Bookshop, PO Box 295, London W1X 1H9. Tel: 0171 383 6244. Fax: 0171 383 6662. Books are supplied post free in the UK and for British Forces. Please make payment by cheque in sterling drawn on a UK bank, or by credit card (MasterCard, Visa, or American Express) stating card number, expiry date, and your full name. (The price and availability are occasionally subject to revision by the Publishers.)


About the weight of a small toddler and 1336 pages long, this is a large North American textbook of occupational medicine. Previous editions appeared in 1975 and 1988.

It is compendious, with eight sections on clinical factors, occupational pulmonary diseases, the physical occupational environment, the chemical occupational environment, selected work categories of concern, behavioural considerations, fundamental disciplines, and related activities for prevention and control, and other special activities within the occupational health setting. There are nine appendices on a range of topics, including for example, current occupational exposure limits, a SI conversion table, and a list of exposures associated with occupational dermatoses. This leads to an admirable range, from alcohol abuse to zoonoses, air pollution indoors to zinc toxicity.

Of the 104 authors, over two thirds are from North America, with a fairly high proportion in corporate occupational health practice although there are contributors from universities and regulatory agencies in the United States. Almost a further quarter are from the Nordic countries. A handful only are from the rest of the world. Some contributions are masterly mini reviews by experts in their fields.

It is always possible to pick holes in textbooks in areas where one claims a little knowledge. The respiratory section contains a good chapter on pulmonary function tests but remarkably little on radiology, and few illustrations of radiographs. As a specific example, the chapter on occupational asthma focuses on diagnosis and medicolegal issues, reflecting North American practice and although easy to read and helpful on these matters, barely covers epidemiology, risk factors, pathogenesis, and rehabilitation. The chapter starts with an all-embracing definition of occupational asthma including RADS and work provoked asthma, but then mainly discusses allergic occupational asthma. The untrained reader could be confused and an unhelpful algorithm makes things more opaque. A description of diagnostic pulmonary function testing is superficially detailed but, on careful reading, could not be used as a basis for clinical practice because of insufficient information. There are errors, including a repeated statement that skin patch tests are used to define stopy—it should, of course, be prick tests. Other errors are present in the tables of causes of allergic occupational asthma, including a listing for platinum although instead of complex halogenated platinum salts. Some of the material in this chapter overlaps with other sections. Platinum compounds, for example, are also covered in a section on other metals and their compounds (which includes the unfortunate error of ascribing specific IgE antibodies to a type IV hypersensitivity response). This short section is also out of date, with no reference to recent epidemiological surveys or experimental priate work.

What is the role for such large multiauthored textbooks of occupational medicine these days? Of course they are heterogeneous in quality and they are often out of date. There are excellent short textbooks of occupational medicine for the trainee physician or non-clinical occupational health professional who needs an overview. Specialist occupational physicians usually acquire monographs in their areas of interest. Literature searching is now easy with Medline or one of the occupational health databases. The market for large textbooks must surely, be smaller although there remains a need for reliable reference works in libraries. Part time occupational physicians may also find them useful as aides-memoire. Perhaps they are analogous to household encyclopaedias? Browse through them, dip into sections, use them as a first resource for reading about a new subject—but cross check with other sources before you quote from them.

K M VENABLES

NOTICES

Environmental technology MSc course. From September 1997. Imperial College of Science, Technology, and Medicine, London.

Environment and Health is a new option in the one year MSc course in Environmental Technology, which starts in September. The programme is designed to provide graduates with appropriate interdisciplinary training in the scientific, medical, and policy issues within the framework of environment and health. Environmental and occupational issues will be considered with an emphasis on pollution and environmental assessment, epidemiological principles, and methods, evaluation of environmental hazards including toxicology, and environment and health policy.

For information, please contact Ms Alison Evans 0171-594 9285.


The organisers of this symposium are the National Institute for Occupational Safety and Health (NIOSH), in association with its public and private sector partners.

Objectives:

- Provide a forum for the presentation of scientific research findings and methods in the field of traumatic occupational injury
- Foster collaboration between researchers in the various disciplines and between the public and private organisations that conduct or sponsor traumatic occupational injury research
- Identify effective interventions, and increase injury prevention efforts based on research findings
- Stimulate an increase in the quantity and quality of traumatic occupational injury research
- As well as traditional disciplines and topic areas, explore underused disciplines and topic areas of traumatic occupational injury research—such as the economics of occupational injury and other social and behavioural science fields
- Serve as an element of the implementation of the National Occupational Research Agenda (NORA) developed by NIOSH and its partners

The Symposium will consider many important questions, including:

- What are the latest traumatic occupational injury research findings and methods?
- What are emerging problem areas in workplace trauma?
- How is high technology being applied to occupational injury research and prevention?
- Which interventions and prevention strategies do and do not work, and in what specific workplaces and under what circumstances?
- What are the economic costs of occupational injuries and the cost-effectiveness of prevention strategies?
- What are current and emerging research areas and disciplines?
- What are the trends in occupational injury and fatality incidence, in research tools, techniques, methods, in prevention?
- What are the specific workplace risks faced by children and adolescents, older adults, minority workers, non-English speaking workers, low literacy workers, and other special populations?
- How can researchers and practitioners in different sectors and disciplines collaborate and coordinate their activities to reduce traumatic occupational injuries?
- What methods are available for assessing, measuring, and comparing traumatic occupational injury?

For information contact Martha Brocato at (404) 634-8084 ext 42; or FAX (404) 634-6040; http://www.hgo.net/noirs/noirs.html