

illuminating a way. Examples and case studies have been drawn from all the major world religions and from all continents from both a historical and contemporary perspective. Major themes covered in the book include the distribution of religion and the processes by which religion and religious ideas spread through space and time. Some of the important links between religion and population are also explored. A great deal of attention is focused on the visible manifestations of religion on the cultural landscape, including landscapes of worship and of death, and the whole field of sacred space and religious pilgrimage.

Airway Remodeling Peter H. Howarth 2001-01-16 This landmark volume discusses the characteristics and impact of the remodeling process on airway function and clinical disease expression within the airway in asthma, covering pharmacological therapies and possible future targets relevant to regulating the remodeling process. Emphasizes the importance of treating underlying airway inflammation and the relevance of structural alterations to the airway wall, including glandular increases, enhanced collagen deposition within the submucosa, increased vasculature, smooth hypertrophy, and hyperplasias! Tracing the development and maintenance of bronchial hyperresponsiveness, decline in lung function, and loss of reversibility evident in chronic asthma, Airway Remodeling describes the contribution of inflammatory cells in the development of airway structural changes examines how pharmaceutical agents act and whether existing treatments modify or prevent remodeling in chronically inflamed asthmatic airways considers whether neural pathways initiate as well as contribute to the airway inflammatory cascade that leads to remodeling reviews the action of cytokines and growth factors on ASM signaling outlines novel approaches to regulating smooth muscle growth clarifies whether permanent ventilatory incapacity in asthma is caused by the uncoupling of the airway and the role of the lung parenchyma details high-resolution computerized tomography scan to measure the internal size of the airway at baseline, during challenge, or after bronchodilatation and more! Improving lung function and quality of life by reducing the need for emergency care, hospital admissions, and systemic steroid administration, Airway Remodeling is a superb reference for pulmonologists and respiratory system specialists; physiologists; pneumologists; allergists; pharmacologists; molecular, cellular, and lung biologists; and graduate and medical school students in these disciplines.

Values and Corporate Responsibility Francisca Farache 2020-09-29 In this book we capture and explore different aspects of value in corporate social responsibility (CSR). This includes the historical development of value in CSR, how value is linked to a positive vision of the future, and how it is communicated by a range of private and public organisations to various audiences. The book contrasts corporate strategic value with co-operative value, and community value in the context of sustainable development. It explains how leaders' values can drive responsible business practice and enhance social cohesion, solidarity and resilience in fractured and unequal communities. The book asks the reader to consider what value means in CSR for business and society, where it comes from and how it is enacted, alongside its broader purpose and value to the community. Finally, the book presents CSR as a global project by noting how values are cultural and how sustainability has become an urgent international priority.

Research for Advanced Practice Nurses, Second Edition Magdalena A. Mateo 2013-10-28 Print+CourseSmart

DIGITAL IMAGE PROCESSING AND APPLICATIONS V. Chandra Shekhar Rao, Sunkari Venkatramulu & Dr. P. Sammulal 2021-05-05 The influence and impact of digital images on modern society, science, technology and art are tremendous. Image processing has become such a critical component in contemporary science and technology that many tasks would not be attempted without it. It is a truly interdisciplinary subject that draws from synergistic developments involving many disciplines and is used in medical imaging, microscopy, astronomy, computer vision, geology and many other fields. With a few exceptions, the topics of optical information processing and digital information processing are usually covered in different books, written by experts in one field or the other. It is rare that the two topics are both covered in the same volume. This book is an exception to this trend, and is notable in several different aspects, but especially in its breadth of coverage of both topics. It seems very appropriate to have both general topics covered in the same book, for optical processing systems (defined broadly) commonly include digital systems to drive the optical system and to post-process the data (example: adaptive-optic systems), while digital processing systems most commonly operate on data that has been gathered by an optical system. As a consequence, sophisticated image-gathering and handling systems today include both types of technology, a merger that grows more complete as time progresses. Indeed, even consumer-oriented devices such as digital cameras are sophisticated systems with optical and digital parts. This is a text for use in a first practical course in image processing and analysis, for final-year undergraduate or first-year graduate students with a background in biomedical engineering, computer science, radiologic sciences or physics. Designed for readers who will become "end users" of digital image processing in the biomedical sciences, it emphasizes the conceptual framework and the effective use of image processing tools and uses mathematics as a tool, minimizing the advanced mathematical development of other textbooks.

Microbial Pathogenesis: Infection and Immunity Uday Kishore 2013-12-04 The book starts with dissecting mechanisms underlying viral immune evasion via exploiting the host complement system by vaccinia virus, and by modulating the type 1 interferon response by RNA viruses. Yet another chapter looks into how viroporins expressed by different families of viruses causing influenza A virus, SARS, hepatitis C and HIV interact with several cellular pathways. Understanding of these mechanisms can aid the development of novel potential anti-viral targets. The chapter on tuberculosis discusses the emerging importance of the innate immune mechanisms against Mycobacterium tuberculosis infection and latency. This book has a strong focus on fungal pathogenesis and immunity, starting with virulence and host factors that attain great importance in candidiasis and associated escape tricks of seriously opportunistic fungi. Two chapters on Aspergillus fumigatus elaborate on the pathogenic mechanisms: first discussing A. fumigatus-airway epithelium interaction, followed by fungal and host factors that are paramount in the development of allergic and invasive aspergillosis. In the subsequent chapter, there is a general discussion on the innate and adaptive immune responses against primary and opportunistic fungal pathogens. *Alcohol, Nutrition, and Health Consequences* Ronald Ross Watson 2012-08-24 Chronic alcohol use is associated with heart, liver, brain, and other organ pathology. Alcohol is a drug of abuse and a caloric food and it causes poor intake and absorption of nutrients, thus playing a major role in many aspects of clinical consequences. Alcohol use lowers consumption of fruit and vegetables, lowers tissue nutrients, and, in some cases, requires nutritional

therapy by clinicians. Alcohol, Nutrition, and Health Consequences will help the clinician define the causes and types of nutritional changes due to alcohol use and also explain how nutrition can be used to ameliorate its consequences. Chapters present the application of current nutritional knowledge by physicians and dietitians. Specific areas involving alcohol-related damage due to nutritional changes are reviewed, including heart disease, obesity, digestive tract cancers, lactation, brain function, and liver disease. In addition, alcohol's effects on absorption of minerals and nutrients, a key role in causing damage are treated. The importance of diet in modifying alcohol and its metabolite damage is also explained. Alcohol, Nutrition, and Health Consequences is essential reading for alcohol therapists and researchers as well as primary care physicians and dietitians and is an easy reference to help the clinician, student, and dietitian comprehend the complex changes caused by direct and indirect effects of ethanol at the cellular level via its nutritional modification.

Stored-Grain Ecosystems Digvir S. Jayas 1994-10-20 This work takes a multidisciplinary approach to grain storage research, applying knowledge from the fields of biology, cereal chemistry, economics, engineering, mathematical modelling and toxicology to the study of the complex interactions among physical and biological variables in stored-grain bulks that cause the deterioration of stored grain. Details the prevention and control of pests and contaminants.

American Pope Sean Swain Martin 2021-10-15 As arguably the most influential voice in American Catholicism, the vision that Scott Hahn offers in his works, read by millions of Catholics throughout the world, is one of the most formative in American Catholicism. His numerous books and public speaking engagements are shaping the American Catholic Church in a uniquely powerful manner. This work demonstrates that the Catholic vision that Hahn claims to be providing his audience is, in fact, always quite different from the one he actually presents. What he coins as Catholic faithfulness is instead a straightforward and damning Catholic fundamentalism. As this vision is delivered to millions of the faithful who look to Hahn as a trustworthy guide to an authentic life of Catholic faith, American Pope acts as a critical analysis of his work.

Pocket Guide to COPD Diagnosis, Management and Prevention Global Initiative for Chronic Obstructive Lung Disease 2017-11-15 Chronic Obstructive Pulmonary Disease (COPD) represents an important public health challenge and is a major cause of chronic morbidity and mortality throughout the world. COPD is currently the fourth leading cause of death in the world¹ but is projected to be the 3rd leading cause of death by 2020. More than 3 million people died of COPD in 2012 accounting for 6% of all deaths globally. Globally, the COPD burden is projected to increase in coming decades because of continued exposure to COPD risk factors and aging of the population.² This Pocket Guide has been developed from the Global Strategy for the Diagnosis, Management, and Prevention of COPD (2018 Report), which aims to provide a non-biased review of the current evidence for the assessment, diagnosis and treatment of patients with COPD that can aid the clinician. Discussions of COPD and COPD management, evidence levels, and specific citations from the scientific literature are included in that source document, which is available from www.goldcopd.org. The tables and figures in this Pocket Guide follow the numbering of the 2018 Global Strategy Report for reference consistency.

Ethnicity and Dementias Gwen Yeo 2014-04-04 First published in 1996. Routledge is an imprint of Taylor & Francis, an informa company.

Anderson's Pediatric Cardiology Robert H. Anderson 2019-04-29 As a leading reference on pediatric cardiology and congenital heart disease, Anderson's Pediatric Cardiology provides exhaustive coverage of potential pediatric cardiovascular anomalies, potential sequelae related to these anomalies, comorbidities and neurodevelopmental problems, and current methods for management and treatment. The fully revised 4th Edition addresses significant and ongoing changes in practice, including recent developments in fetal, neonatal, and adult congenital heart conditions as well as expanded content on intensive care, nursing issues, and societal implications. The outstanding illustration program provides superb visual guidance, and is now supplemented with a remarkable collection of more than 200 professionally curated, author-narrated videos. Offers authoritative, long-term coverage of a broad spectrum of cardiology conditions ranging from fetal development to age 21, including congenital heart disease, adult congenital heart disease (ACHD), acquired heart disease, cardiomyopathies, and rhythm disturbances. Features exceptionally detailed and original drawings by Dr. Robert Anderson and Diane Spicer, including over 850 anatomic, photographic, imaging, and algorithmic figures, and incorporating new images using virtual dissections of 3D datasets obtained in living patients. Contains new chapters on quality improvement in congenital heart disease, models of care delivery, neurocognitive assessment and outcomes, psychosocial issues for patients and families, ethics, nursing implications, acute and chronic renal complications, and telemedicine. Offers a completely new section on fetal imaging and management. Provides a new focus on patient and family-centered care with expert advice on how to communicate difficult diagnoses to patients and families. Features new integration of nursing content into all disease-specific chapters, as well as updated content on genetics, congenital heart disease and follow-up, and new imaging modalities. Contains chapters on new and emerging topics such as MRI and Quantifying the Fetal Circulation in Congenital Cardiac Disease; Congenital Anomalies of the Coronary Arteries; and The Global Burden of Pediatric Heart Disease and Pediatric Cardiac Care in Low- and Middle-Income Countries. Shares the experience and knowledge of an international team of multidisciplinary experts in medicine and advanced practice nursing.

Cinemas Dark and Slow in Digital India Lalitha Gopalan 2021-03-16 This book provides a sustained engagement with contemporary Indian feature films from outside the mainstream, including Aaranaya Kaandam, I.D., Kaul, Chauthi Koot, Cosmic Sex, and Gaali Beeja, to undercut the dominance of Bollywood focused film studies. Gopalan assembles films from Bangalore, Chennai, Delhi, Kolkata, and Trivandrum, in addition to independent productions in Bombay cinema, as a way of privileging understudied works that deserve critical attention. The book uses close readings of films and a deep investigation of film style to draw attention to the advent of digital technologies while remaining fully cognizant of 'the digital' as a cryptic formulation for considering the sea change in the global circulation of film and finance. This dual focus on both the techno-material conditions of Indian cinema and the film narrative offers a fulsome picture of changing narratives and shifting genres and styles.