

The Dental Hygienists Guide To Nutritional Care Elsevier On Intel Education Study Retail Access Card

The Dental Hygienist's Guide to Nutritional Care E-Book

Learn how to apply nutritional principles to promote optimal patient care! The Dental Hygienist's Guide to Nutritional Care, 5th Edition explains how teaching proper nutrition can improve your clients' oral and systemic health. Case studies and clear, full-color photos and illustrations provide a basis for assessing, diagnosing, planning, implementing, and evaluating the care of patients. In addition, a solid foundation in nutrition prepares you for the subject's increased emphasis on the NBDHE examination. Written by an interdisciplinary author team with expertise in nutrition and dental hygiene, this book was the first nutritional guide designed specifically for dental hygienists! **UNIQUE!** Biochemistry chapter covers the essential concepts tested on the National Board Dental Hygiene Examination (NBDHE). **UNIQUE!** Coverage of vitamins and minerals is based on the oral effects of micronutrients. Clinically relevant applications to dental hygiene include a focus on patient education and dental hygiene considerations in each chapter. Case studies and Health Applications demonstrate how nutrition concepts can be applied to specific patient situations. Learning features include pretests and key terms highlighted in each chapter, with definitions in the glossary. Practice quizzes online allow you to test your comprehension, and include feedback and remediation for incorrect answers. **NEW!** Updated content addresses interdisciplinary practice and the FDA's Food Safety Modernization Act, with expanded coverage of older adults, vitamin D, and nutrigenomics. **NEW!** Coverage of the latest federal nutrition standards includes the Dietary Guidelines for Americans, the Nutrition Facts label, and more. **NEW! UPDATED** full-color illustrations include additional clinical photos as well as food-source photos in the micronutrient chapters.

Internet of Things Applications - From Research and Innovation to Market Deployment

The book aims to provide a broad overview of various topics of Internet of Things from the research, innovation and development priorities to enabling technologies,

nanoelectronics, cyber physical systems, architecture, interoperability and industrial applications. It is intended to be a standalone book in a series that covers the Internet of Things activities of the IERC – Internet of Things European Research Cluster from technology to international cooperation and the global state of play. The book builds on the ideas put forward by the European research Cluster on the Internet of Things Strategic Research Agenda and presents global views and state of the art results.

Vital Directions for Health & Health Care

What can be more vital to each of us than our health? Yet, despite unprecedented health care spending, the U.S. health system is substantially underperforming, especially with respect to what should be possible, given current knowledge. Although the United States is currently devoting 18% of its Gross Domestic Product to delivering medical care—more than \$3 trillion annually and nearly double the expenditure of other advanced industrialized countries—the U.S. health system ranked only 37th in performance in a World Health Organization assessment of member nations. In *Vital Directions for Health & Health Care: An Initiative of the National Academy of Medicine*, the U.S. National Academy of Medicine (NAM, formerly the Institute of Medicine), which has long stood as the nation's most trusted independent source of guidance in health, health care, and biomedical science, has marshaled the wisdom of more than 150 of the nation's best researchers and health policy experts to assess opportunities for substantially improving the health and well-being of Americans, the quality of care delivered, and the contributions of science and technology. This publication identifies practical and affordable steps that can and must be taken across eight action and infrastructure priorities, ranging from paying for value and connecting care, to measuring what matters most and accelerating the capture of real-world evidence. Without obscuring the difficulty of the changes needed, in *Vital Directions*, the NAM offers an important blueprint and resource for health, policy, and leaders at all levels to achieve much better health outcomes at much lower cost.

Cerebral Palsy

When a child has a health problem, parents want answers. But when a child has cerebral palsy, the answers don't come quickly. A diagnosis of this complex group of chronic conditions affecting movement and coordination is difficult to make and is typically delayed until the child is eighteen months old. Although the condition may be mild or severe, even general predictions about long-term prognosis seldom come before the child's second birthday. Written by a team of experts associated with the Cerebral Palsy Program at the Alfred I. duPont Hospital for Children, this

authoritative resource provides parents and families with vital information that can help them cope with uncertainty. Thoroughly updated and revised to incorporate the latest medical advances, the second edition is a comprehensive guide to cerebral palsy. The book is organized into three parts. In the first, the authors describe specific patterns of involvement (hemiplegia, diplegia, quadriplegia), explain the medical and psychosocial implications of these conditions, and tell parents how to be effective advocates for their child. In the second part, the authors provide a wealth of practical advice about caregiving from nutrition to mobility. Part three features an extensive alphabetically arranged encyclopedia that defines and describes medical terms and diagnoses, medical and surgical procedures, and orthopedic and other assistive devices. Also included are lists of resources and recommended reading.

Foundations of Adult Health Nursing

Before new interventions are released into disease control programmes, it is essential that they are carefully evaluated in 'field trials'. These may be complex and expensive undertakings, requiring the follow-up of hundreds, or thousands, of individuals, often for long periods. Descriptions of the detailed procedures and methods used in the trials that have been conducted have rarely been published. A consequence of this is that those planning such trials have few guidelines available and little access to knowledge accumulated previously, other than their own. In this manual practical issues in trial design and conduct are discussed fully and in sufficient detail such that it may be used as a 'toolbox' by field investigators. It has been compiled by a group of people with direct experience in the design, conduct, and analysis of field trials, and is based on their accumulated experience.

Field Trials of Health Interventions

"IEA, International Epidemiological Association, Wellcome Trust."

The Dental Hygienist's Guide to Nutritional Care

This practical reference introduces basic nutrition as it relates to dental hygiene. Discusses how to assess client's nutritional needs, identify their goals, and help them improve their dietary habits. Information presented reflects the nutritional needs of clients with diverse backgrounds and nutrient requirements. Features useful chapter objectives, case studies, care plans, numerous figures and tables, and a vivid color insert of nutritional deficiencies/excesses of the oral cavity.

Design for Care

How to design a world in which we rely less on stuff, and more on people. We're filling up the world with technology and devices, but we've lost sight of an important question: What is this stuff for? What value does it add to our lives? So asks author John Thackara in his new book, *In the Bubble: Designing for a Complex World*. These are tough questions for the pushers of technology to answer. Our economic system is centered on technology, so it would be no small matter if "tech" ceased to be an end-in-itself in our daily lives. Technology is not going to go away, but the time to discuss the end it will serve is before we deploy it, not after. We need to ask what purpose will be served by the broadband communications, smart materials, wearable computing, and connected appliances that we're unleashing upon the world. We need to ask what impact all this stuff will have on our daily lives. Who will look after it, and how? *In the Bubble* is about a world based less on stuff and more on people. Thackara describes a transformation that is taking place now—not in a remote science fiction future; it's not about, as he puts it, "the schlock of the new" but about radical innovation already emerging in daily life. We are regaining respect for what people can do that technology can't. *In the Bubble* describes services designed to help people carry out daily activities in new ways. Many of these services involve technology—ranging from body implants to wide-bodied jets. But objects and systems play a supporting role in a people-centered world. The design focus is on services, not things. And new principles—above all, lightness—inform the way these services are designed and used. At the heart of *In the Bubble* is a belief, informed by a wealth of real-world examples, that ethics and responsibility can inform design decisions without impeding social and technical innovation.

Digital Transformation and Public Services

Behavioral and Social Science Research: A National Resource specifies appropriate criteria for assessing the value, significance, and social utility of basic research in the social sciences. This report identifies illustrative areas of basic research in the social sciences that have developed analytic frameworks of high social utility and describes the development of these frameworks and their utilization. It also identifies illustrative areas of basic research in the social sciences that are likely to be of high value, significance, and/or social utility in the near future, reviews the current state of knowledge in these areas, and indicates research efforts needed to bring these areas to their full potential.

National Library of Medicine Programs and Services

The world of healthcare is constantly evolving, ever increasing in complexity, costs, and stakeholders, and presenting huge challenges to policy making, decision

making and system design. In Design for Care, we'll show how service and information designers can work with practice professionals and patients/advocates to make a positive difference in healthcare.

The Dental Hygienist's Guide to Nutritional Care Binder Ready

Binder-Ready Edition: This loose-leaf copy of the full text is a convenient, accessible, and customizable alternative to the bound book. With this binder-ready edition, you can personalize the text to match your unique study needs! Learn how to apply nutritional principles to promote optimal patient care! The Dental Hygienist's Guide to Nutritional Care, 5th Edition explains how teaching proper nutrition can improve your clients' oral and systemic health. Case studies and clear, full-color photos and illustrations provide a basis for assessing, diagnosing, planning, implementing, and evaluating the care of patients. In addition, a solid foundation in nutrition prepares you for the subject's increased emphasis on the NBDHE examination. Written by an interdisciplinary author team with expertise in nutrition and dental hygiene, this book was the first nutritional guide designed specifically for dental hygienists! **UNIQUE!** Biochemistry chapter covers the essential concepts tested on the National Board Dental Hygiene Examination (NBDHE). **UNIQUE!** Coverage of vitamins and minerals is based on the oral effects of micronutrients. Clinically relevant applications to dental hygiene include a focus on patient education and dental hygiene considerations in each chapter. Case studies and Health Applications demonstrate how nutrition concepts can be applied to specific patient situations. Learning features include pretests and key terms highlighted in each chapter, with definitions in the glossary. Practice quizzes online allow you to test your comprehension, and include feedback and remediation for incorrect answers. **NEW!** Updated content addresses interdisciplinary practice and the FDA's Food Safety Modernization Act, with expanded coverage of older adults, vitamin D, and nutrigenomics. **NEW!** Coverage of the latest federal nutrition standards includes the Dietary Guidelines for Americans, the Nutrition Facts label, and more. **NEW!** Updated full-color illustrations include additional clinical photos as well as food-source photos in the micronutrient chapters.

Managing People in Sport Organizations

Managing People in Sport Organizations provides a comprehensive overview of the theory and practice of managing people within a strategic framework. This revised and updated second edition examines a range of strategic human resource management approaches that can be used by sport organizations to respond to contemporary challenges and to develop a sustainable performance culture. Drawing on well-established conceptual frameworks and current empirical

research, the book systematically covers every key area of HRM theory and practice, including: recruitment training and development performance management and appraisal motivation and reward organizational culture employee relations diversity managing change This new edition also includes expanded coverage of social media, volunteers, and individuals within organizations, and is supported with a new companion website carrying additional resources for students and instructors, including PowerPoint slides, exam questions and useful web links. No other book offers such an up-to-date introduction to core concepts and key professional skills in HRM in sport, and therefore *Managing People in Sport Organizations* is essential reading for any sport management student or any HR professional working in sport.

Impacts of COVID-19 on Societies and Economies

Nursing Diagnoses: Definitions and Classification is the definitive guide to nursing diagnoses, as reviewed and approved by NANDA-I. The 2015–2017 edition of the classic and internationally recognised text has been rigorously updated and revised, and now provides more linguistically congruent diagnoses as a result of the Diagnostic Development Committee's attentiveness to understanding the translation of the diagnostic label, definition, defining characteristics, related factors, and risk factors. Each of the 235 diagnoses presented are supported by definitions as well as defining characteristics and related factors, or risk factors. Each new and revised diagnosis is based on the latest global evidence, and approved by expert nurse diagnosticians, researchers, and educators. New to this edition: 26 brand new nursing diagnoses and 13 revised diagnoses Updates, changes, and revision to the vast majority of the nursing diagnosis definitions, in particular the Health Promotion and Risk Diagnoses A standardization of diagnostic indicator terms (defining characteristics, related factors, and risk factors) to further aid clarity for readers and clinicians All introductory chapters are written at an undergraduate nursing level, and provide critical information needed for nurses to understand assessment, its link to diagnosis, and the purpose and use of taxonomic structure for the nurse at the bedside A new chapter, focusing on Frequently Asked Questions, representing the most common questions received through the NANDA-I website, and at global conferences Five nursing diagnoses have been re-slotted within the NANDA-I taxonomy, following a review of the current taxonomic structure Coding of all diagnostic indicator terms is now available for those using electronic versions of the terminology Companion website featuring references from the book, video presentations, teaching tips, and links to taxonomy history and diagnosis submission/review process description www.wiley.com/go/nursingdiagnoses

Systematic Reviews in the Social Sciences

Such diverse thinkers as Lao-Tze, Confucius, and U.S. Defense Secretary Donald Rumsfeld have all pointed out that we need to be able to tell the difference between real and assumed knowledge. The systematic review is a scientific tool that can help with this difficult task. It can help, for example, with appraising, summarising, and communicating the results and implications of otherwise unmanageable quantities of data. This book, written by two highly-respected social scientists, provides an overview of systematic literature review methods: Outlining the rationale and methods of systematic reviews; Giving worked examples from social science and other fields; Applying the practice to all social science disciplines; It requires no previous knowledge, but takes the reader through the process stage by stage; Drawing on examples from such diverse fields as psychology, criminology, education, transport, social welfare, public health, and housing and urban policy, among others. Including detailed sections on assessing the quality of both quantitative, and qualitative research; searching for evidence in the social sciences; meta-analytic and other methods of evidence synthesis; publication bias; heterogeneity; and approaches to dissemination.

Nursing Diagnoses 2015-17

A human anatomy coloring book, organized according to body systems.

Human Resources For Health In Europe

This book analyses how the current regulatory processes and practices related to key aspects of the management of the health professions may facilitate or inhibit the development of effective responses to challenges facing health care systems in Europe. The authors document how health care systems in Europe are confronting existing challenges in relation to the health workforce and identify the strategies that are likely to be most effective in optimizing the management of health professionals in the future.

Efficient Learning for the Poor

"Large-scale efforts have been made since the 1990s to ensure that all children of the world go to school. But mere enrollment is not sufficient, students must become fluent in reading and calculation by the end of grade 2. Fluency is needed to process large amounts of text quickly and use the information for decisions that may ultimately reduce poverty. State-of-the-art brain imaging and cognitive psychology research can help formulate effective policies for improving the basic skills of low-income students. This book integrates research into applications that

extend from preschool brain development to the memory of adult educators. In layman's terms, it provides explanations and answers to questions such as: Why do children have to read fast before they can understand what they read? How do health, nutrition, and stimulation influence brain development? Why should students learn basic skills in their maternal language? Is there such a thing as an untrained teacher? What signs in a classroom show whether students are getting a quality education? How must information be presented in class so that students can retain it and use it? What training techniques are most likely to help staff put their learning into use? This book would be useful to policymakers, donor agency staff, teacher trainers, supervisors, and inspectors, as well as university professors and students."

Self-Efficacy in Changing Societies

The volume addresses important issues of human adaptation and change.

Report on the World Social Situation 2018

This report discusses the contribution of social protection to social inclusion focusing, in particular, on the extent to which such groups are effectively covered by existing social protection measures. An overall assessment of the impact of social protection on the reduction of poverty and inequality frames the report's analysis. The report focuses on six social groups: children, youth, older persons, persons with disabilities, ethnic minorities and indigenous peoples, and international migrants. It considers how gender and socioeconomic status intersect with other group attributes and affect the barriers some groups face. The 2030 Agenda draws attention to these bases of disadvantage when it emphasizes that all should be included "irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status". The Addis Ababa Action Agenda also commits to providing appropriate social protection to all, including the vulnerable, persons with disabilities, indigenous persons, children, youth and older persons. Each of these groups is at high risk of poverty and exclusion and barriers to their rights. The report assesses the contribution of social protection measures to enhancing opportunities and promoting respect for the rights of the five groups selected.

Nutrition and Diet Therapy

Nutrition and Diet Therapy: Self-Instructional Approaches covers the fundamentals of basic nutrition, and then nutrition as therapy, in both adults and children. It is designed to work as a traditional text or a self-instructional text that allows for

distance-learning and self-paced instruction. Progress checks throughout each chapter and chapter post-tests help students to evaluate their comprehension of key information. The Fifth Edition has been completely revised and updated to include My Pyramid and corresponding DRIs and all of the all figures and tables have been revised. Accompanied by A Comprehensive Companion Web site

Behavioral and Social Science Research

FOUNDATIONS OF ADULT HEALTH NURSING 3rd EDITION is a comprehensive and user-friendly resource for a medical-surgical nursing course of study. Thoroughly updated throughout, this text follows the Nursing Process format. Clinical chapters include Nursing Management sections for each disorder, emphasizing the nurse's role in providing competent client care. In addition, Nursing Outcomes Classification (NOC) and Nursing Interventions Classification (NIC) have been identified in each Nursing Care Plan. All nursing diagnoses have been updated against the latest NANDA definitions and classifications. An important new chapter on Rehabilitation, Home Health, Long-Term Care and Hospice has been added that defines the nurses role, explains legal issues, and discusses appropriate client assessments and interventions in each healthcare setting. Each chapter contains a Case Study with critical thinking questions designed to assist the reader through the nursing process and to develop a customized plan of care for the client in the scenario. Abundant special features, NCLEX style questions, and the loaded new StudyWARE CD-ROM make this an engaging, student-friendly text. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Promise of Assistive Technology to Enhance Activity and Work Participation

The U.S. Census Bureau has reported that 56.7 million Americans had some type of disability in 2010, which represents 18.7 percent of the civilian noninstitutionalized population included in the 2010 Survey of Income and Program Participation. The U.S. Social Security Administration (SSA) provides disability benefits through the Social Security Disability Insurance (SSDI) program and the Supplemental Security Income (SSI) program. As of December 2015, approximately 11 million individuals were SSDI beneficiaries, and about 8 million were SSI beneficiaries. SSA currently considers assistive devices in the nonmedical and medical areas of its program guidelines. During determinations of substantial gainful activity and income eligibility for SSI benefits, the reasonable cost of items, devices, or services applicants need to enable them to work with their

impairment is subtracted from eligible earnings, even if those items or services are used for activities of daily living in addition to work. In addition, SSA considers assistive devices in its medical disability determination process and assessment of work capacity. The Promise of Assistive Technology to Enhance Activity and Work Participation provides an analysis of selected assistive products and technologies, including wheeled and seated mobility devices, upper-extremity prostheses, and products and technologies selected by the committee that pertain to hearing and to communication and speech in adults.

In the Bubble

Systems Thinking, Third Edition combines systems theory and interactive design to provide an operational methodology for defining problems and designing solutions in an environment increasingly characterized by chaos and complexity. This new edition has been updated to include all new chapters on self-organizing systems as well as holistic, operational, and design thinking. The book covers recent crises in financial systems and job markets, the housing bubble, and environment, assessing their impact on systems thinking. A companion website is available at interactdesign.com. This volume is ideal for senior executives as well as for chief information/operating officers and other executives charged with systems management and process improvement. It may also be a helpful resource for IT/MBA students and academics. Four NEW chapters on self-organizing systems, holistic thinking, operational thinking, and design thinking Covers the recent crises in financial systems and job markets globally, the housing bubble, and the environment, assessing their impact on systems thinking Companion website to accompany the book is available at interactdesign.com

Dental Informatics: Strategic Issues for the Dental Profession

During the course of this year, 1990, dentistry will celebrate its sesquicentennial as a profession. In February 1840, the Baltimore College of Dental Surgery, the Dental School of the University of Maryland, was chartered by the Maryland General Assembly as the world's first dental school. In the same year the American Society of Dental Surgeons, the antecedent of the present day American Dental Association, was founded, also in Baltimore. In the previous year, 1839, the American Journal of Dental Science was initiated as the first periodic scientific and professional publication in dentistry, later evolving to the Journal of the American Dental Association. With the congruence of three fundamental elements which are essential to any profession--a unique program of education, a formal means to communicate and freely share new information, and an organization devoted to maintenance of professional ethics and standards through self-regulation--dentistry

began evolving to its current status as a valued and respected health profession. From its birth and through the intervening century and a half, dentistry has been a profession heavily reliant on technology as well as science. Dentists variously are credited with the discovery and development of general anesthesia and the precision casting technique; and they make significant use of rotary cutting instruments, ultrasonics, laser technology, unique biomaterials, and intraosseous implants, to mention only a few techniques.

Illustrated Textbook of Paediatrics

Thoroughly revised and updated, the fifth edition of this prize-winning title retains the high level of illustration and accessibility that has made it so popular worldwide with medical students and trainees approaching clinical specialty exams. Illustrated Textbook of Paediatrics has been translated into eight languages over its life. Case studies. Summary boxes. Tips for patient education. Highly illustrated with 100s of colour images. Diseases consistently presented by Clinical features; Investigations; Management; Prognosis; and, where appropriate, Prevention. Separate chapters on Accidents Child protection Diabetes and endocrinology Inborn Errors of Metabolism New chapter on Global child health New co-editor, Will Carroll, Chair of MRCPCH Theory Examinations.

Behavior Management in Dentistry for Children

Guiding patient behavior is as important as ever for the practicing dentist, and the behavior of pediatric patients is perhaps the most challenging to manage. Drs. Wright and Kupietzky here update Dr. Wright's classic work on managing pediatric dental patients. Behavior Management in Dentistry for Children, 2nd Edition, has been entirely rewritten and includes the latest and most effective management strategies from an international team of experts in the field. The book addresses the influence of family and parenting styles on children's behavior and the factors that determine how children behave in the dental office. Pharmacological and non-pharmacological management techniques are described in depth, as are techniques for dealing with special needs patients. Clinical scenarios are described throughout the book, with practical application of the taught principles. The final part of the book covers the dental environment—training office personnel to manage children's behavior, practical considerations for behavior guidance, and the effects of the physical dental office environment. Behavior Management in Dentistry for Children, 2nd Edition, is ideal for pediatric residents, dental students, and practicing dentists who see children on a regular basis.

Biology, Medicine, and Surgery of Elephants

Elephants are possibly the most well-known members of the animal kingdom. The enormous size, unusual anatomy, and longevity of elephants have fascinated humans for millenia. *Biology, Medicine, and Surgery of Elephants* serves as a comprehensive text on elephant medicine and surgery. Based on the expertise of 36 scientists and clinical veterinarians, this volume covers biology, husbandry, veterinary medicine and surgery of the elephant as known today. Written by the foremost experts in the field *Comprehensively covers both Asian and African elephants* Complete with taxonomy, behavioral, geographical and systemic information Well-illustrated and organized for easy reference

The Second Machine Age: Work, Progress, and Prosperity in a Time of Brilliant Technologies

A pair of technology experts describe how humans will have to keep pace with machines in order to become prosperous in the future and identify strategies and policies for business and individuals to use to combine digital processing power with human ingenuity.

Burt and Eklund's Dentistry, Dental Practice, and the Community - Elsevier eBook on VitalSource (Retail Access Card)

Learn about the challenges, current trends, and the positive role that you can play in improving the dental health of the community. Completely revised and updated by members of the American Association of Public Health Dentistry, *Burt and Eklund's Dentistry, Dental Practice, and the Community*, 7th Edition presents dentistry and dental practice against the ever-changing backdrop of economic, technological, and demographic trends, as well as the distribution of the oral diseases that dental professionals treat and prevent. Readers will learn the latest techniques of research and measurement, and how oral disease may be limited through control and prevention. This updated text also addresses the new educational competencies for predoctoral/ post-doctoral dental students and dental hygiene students with updated and new content on cultural competency, oral health literacy, social responsibility, motivational interviewing, and oral systemic associations. All in all, this text takes a comprehensive look at the social context of dental care and the difference you can make in improving the health of the community you serve. Logical four-part organization divides content into dentistry and the community; dental care delivery; methods and measurement of oral diseases and conditions; and health promotion and prevention of oral diseases. A focus on need-to-know content emphasizes the important core information while providing comprehensive coverage of dental public health. Comprehensive analysis

of dentistry's social and professional role examines issues such as epidemiology of oral diseases, prevention, and the provision of care. Evidence-based recommendations reflect the latest literature on today's public health issues. Illustrations, tables, and graphics illustrate the key material and visually enhance discussions. NEW! Completely revised and updated content looks at populations oral health and dental care as well as how it fits into a changing world. NEW! Coverage of new educational competencies provides predoctoral/ post-doctoral dental students and dental hygiene students with updated and new content on cultural competency, oral health literacy, social responsibility, motivational interviewing, and oral systemic associations. NEW! New chapters cover the applications of epidemiology and biostatistics in dental public health, oral health as it related to quality of life, oral health education, health literacy, social determinants of health and health disparities, and delivery of oral healthcare in Canada. NEW! Newly revised competencies for the Dental Public Health specialty are incorporated throughout the book.

Methods for Field Trials of Interventions Against Tropical Diseases

The Anatomy Coloring Book

Handbook of Sports Medicine and Science

This new volume in the Handbook of Sports Medicine and Science series, published in conjunction with the Medical Commission of the International Olympic Committee, offers comprehensive and practical guidance on the training and medical care of competitive gymnasts. Written and edited by leading trainers, team doctors, coaches and other professionals with unparalleled experience in elite gymnastics, this book covers all the key aspects of caring for gymnasts, minimizing the unique risks these athletes face, and treating injuries when they happen. The book is organized into 4 sections covering: The evolution of gymnastics Growth and development Training and performance Sports medicine Individual chapters cover key topics such as energy needs and body weight management; biomechanics; psychology; the epidemiology of gymnastic injuries; treatment and rehabilitation of common injuries; injury prevention; and more. Endorsed by the International Gymnastics Federation (FIG), no other book offers such an in-depth look at the unique considerations and challenges that affect the growth, performance, training, and medical care of athletes in this demanding sport.

Immigrant Associations, Integration and Identity

This book sheds light on the integration processes and identity patterns of Angolan, Brazilian and Eastern European communities in Portugal. It examines the privileged position that immigrant organisations hold as interlocutors between the communities they represent and various social service mechanisms operating at national and local levels. Through the collection of ethnographic data and the realisation of 110 interviews with community insiders and middlemen, culled over a year's time, Joo Sardinha provides insight into how the three groups are perceived by their respective associations and representatives. Following up on the rich data is a discussion of strategies of coping with integration and identity in the host society and reflections on Portuguese social and community services and institutions.

Families Caring for an Aging America

Family caregiving affects millions of Americans every day, in all walks of life. At least 17.7 million individuals in the United States are caregivers of an older adult with a health or functional limitation. The nation's family caregivers provide the lion's share of long-term care for our older adult population. They are also central to older adults' access to and receipt of health care and community-based social services. Yet the need to recognize and support caregivers is among the least appreciated challenges facing the aging U.S. population. Families Caring for an Aging America examines the prevalence and nature of family caregiving of older adults and the available evidence on the effectiveness of programs, supports, and other interventions designed to support family caregivers. This report also assesses and recommends policies to address the needs of family caregivers and to minimize the barriers that they encounter in trying to meet the needs of older adults.

Systematic Searching

In resource poor, cost saving times, this book provides practical advice on new methods and technologies involved in systematic searching and explores the role of information professionals in delivering these changes. The editors bring together expert international practitioners and researchers to highlight the latest thinking on systematic searching. Beginning by looking at the methods and techniques underlying systematic searching, the book then examines the current challenges and the potential solutions to more effective searching in detail, before considering the role of the information specialist as an expert searcher. Systematic Searching blends theory and practice and takes into account different approaches to information retrieval with a special focus being given to searching for complex topics in a health-related environment. The book does not presume an in-depth prior knowledge or experience of systematic searching and includes case studies,

practical examples and ideas for further research and reading. The book is divided into three parts: Methods covers theoretical approaches to evidence synthesis and the implications that these have for the search process, including searching for complex topics and choosing the right sources. Technology examines new technologies for retrieving evidence and how these are leading to new directions in information retrieval and evidence synthesis. People considers the future of the information specialist as an expert searcher and explores how information professionals can develop their skills in searching, communication and collaboration to ensure that information retrieval practice is, and remains, evidence-based. Systematic Searching will be essential reading for library and information service providers and information specialists, particularly those in a health-related environment. It will also be of interest to students of library and information science, systematic reviewers, researchers and practitioners conducting complex searches in settings including social care, education and criminal justice.

Nurse as Educator

Designed to teach nurses about the development, motivational, and sociocultural differences that affect teaching and learning, this text combines theoretical and pragmatic content in a balanced, complete style. --from publisher description.

Systems Thinking

Through a series of studies, the overarching aim of this book is to investigate if and how the digitalization/digital transformation process affects various welfare services provided by the public sector, and the ensuing implications thereof. Ultimately, this book seeks to understand if it is conceivable for digital advancement to result in the creation of private/non-governmental alternatives to welfare services, possibly in a manner that transcends national boundaries. This study also investigates the possible ramifications of technological development for the public sector and the Western welfare society at large. This book takes its point of departure from the 2016 Organization for Economic Co-operation and Development (OECD) report that targets specific public service areas in which government needs to adopt new strategies not to fall behind. Specifically, this report emphasizes the focus on digitalization of health care/social care, education, and protection services, including the use of assistive technologies referred to as \"digital welfare.\" Hence, this book explores the factors potentially leading to whether state actors could be overrun by other non-governmental actors, disrupting the current status quo of welfare services. The book seeks to provide an innovative, enriching, and controversial take on society at large and how various aspects of the public sector can be, and are, affected by the ongoing digitalization process in a way that is not

covered by extant literature on the market. This book takes its point of departure in Sweden given the fact that Sweden is one of the most digitalized countries in Europe, according to the Digital Economy and Society Index (DESI), making it a pertinent research case. However, as digitalization transcends national borders, large parts of the subject matter take on an international angle. This includes cases from several other countries around Europe as well as the United States.

World Wildlife Crime Report 2020

The report presents the latest assessment of global trends in wildlife crime. It includes discussions on illicit rosewood, ivory, rhino horn, pangolin scales, live reptiles, tigers and other big cats, and European eel. The COVID-19 (coronavirus) pandemic has highlighted that wildlife crime is a threat not only to the environment and biodiversity, but also to human health, economic development and security. Zoonotic diseases - those caused by pathogens that spread from animals to humans - represent up to 75% of all emerging infectious diseases. Trafficked wild species and the resulting products offered for human consumption, by definition, escape any hygiene or sanitary control, and therefore pose even greater risks of infection.

Health Informatics: Practical Guide for Healthcare and Information Technology Professionals (Sixth Edition)

Health Informatics (HI) focuses on the application of Information Technology (IT) to the field of medicine to improve individual and population healthcare delivery, education and research. This extensively updated fifth edition reflects the current knowledge in Health Informatics and provides learning objectives, key points, case studies and references.

Strengthening Forensic Science in the United States

Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic

science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

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