

Adult Development And Ageing 2009 Dap Louw Anet

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[FAQs on Vaccines and Immunization Practices](#) Vipin M Vashishtha, Ajay Kalra, Naveen Thacker 2011 This book is an attempt to fill this void by providing contributions from experts who have a vast information and knowledge on the subject of Vaccines and Immunization. They have devoted a lot of time and efforts to answer the questions on the basis of the latest information that is available today right from the Basics of Immunology to Vaccines in the pipeline and Therapeutic vaccines, besides talking about the changes in technologies and evolution of different adjuvants and combinations. There is a paucity of a decent book on immunization in this format. Often, the FAQ books are criticized a.

[Challenges in Nursing Education and Research](#) Teuku Tahlil 2020-05-17 This conference main theme is "Overcoming Global Health Challenges through Nursing Education, Research and Technology". Topics of interests cover all theoretical and practical aspects of nursing and health sciences in broad spectrum. This will provide an excellent knowledge and information across academicians, professionals, and government to optimize healthcare quality and safety around the globe.

[Learning Curves](#) Beth Younger 2009-07-09 Adolescence is a time of growth, change, and confusion for young women. During this transition from childhood to adulthood, sex and gender roles become more important. Meanwhile, depictions of females—from the hyper-sexualized girls of music videos to the chaste repression of Purity Balls—send mixed messages to young women about their bodies and their sexuality. Over the last several decades, authors of young adult novels have been challenged to reflect this concern in their work and have responded with varying degrees of success. In *Learning Curves: Body Image and Female Sexuality in Young Adult Literature*, Beth Younger examines how cultural assumptions and social constraints are reinforced and complicated through common representations of young women. Each chapter analyzes a recurrent theme in the history of young adult literature, including issues of body image, pregnancy, abortion, lesbianism, and romance. By examining selected novels for their sexual content, situating them within their social and historical context, and analyzing their discursive qualities, the author reveals the multitude of complex ways

that society depicts teenagers and their sexualities and offers a critique of patriarchal culture that gives value to the female experience.

Child and Adolescent Development D. A. Louw 2022

Clinical Rheumatology Rohini Handa 2021-02-10 Clinical Rheumatology is a book written by a clinician for clinicians. It covers all the essential clinical aspects of Rheumatology in an engaging, clear, and concise manner, thereby fulfilling an unmet need. The focus of this book is to cover clinically pertinent and practically relevant issues while pruning unnecessary detail. Patient photographs, tables, and boxes enhance readability. The bedside clinical and investigative approach is discussed in a lucid fashion illustrated by clinical photographs, flowcharts, and algorithms. The evidence-based treatment is spelt out in an easy to comprehend fashion. Key messages have been listed at the beginning of each chapter. The book is intended for undergraduate and postgraduate medical students, residents, fellows, and clinicians who want to gain practical knowledge and clinical insight into rheumatic diseases. The book is likely to appeal to internists, rheumatologists, physiatrists, physiotherapists, occupational therapists, as well as orthopaedic surgeons. They will find their day to day questions answered in a knowledge format that can be applied straight away. Senior clinicians will find it a ready reckoner and a handy manual to refresh and update their knowledge. Basic scientists will find it useful to gain clinical insight into the rheumatic diseases they research without being intimidated by the size of the text. Teachers will find it full of helpful teaching messages. Clinical Rheumatology is a must-have book for all those who deal with rheumatic musculoskeletal diseases.

Human Development D. A. Louw 1998

Child and Adolescent Development Dap Louw 2014-01-01 The development of children is one of the most fascinating wonders of life. From the moment conception takes place until the end of adolescence when the person enters the adult world, the developmental road is characterised by numerous miracles and mysteries. In this book, the authors are sharing their training and experience in the field of child psychology, not only as a clinical and counselling psychologist respectively, but also as the proud parents of two children, a grandson and a granddaughter. The target audience of this book is primarily undergraduate students in psychology, education, social work, psychiatry and related disciplines. The nature and extent of Child and Adolescent Development, however, also makes it suitable for use on the postgraduate level (especially where this field was not a focus area in the undergraduate course). Furthermore, the book contains valuable information which will be of interest to anyone who has an interest in child and adolescent development. Child psychology tells you more about your own and your children's development. In the process, you also acquire a better understanding of other people. However, to be interesting only does not justify the existence of a science. Therefore, it is important to know what the scientific contribution of child psychology is; that is, why we study and research this interesting field. The goals of child psychology are in line with the goals of general psychology:

- To describe the changes typically occurring from conception to about 18 years of age. For example: How does the unborn child develop in his or her mother's womb? How do 2-, 7-, 12- and 16-year-olds differ? How does sexuality develop during puberty and adolescence?
- To explain what causes these developmental changes. Which factors could influence the prenatal development of the baby? Which factors could influence a delay in a

child's language or cognitive development? How does peer pressure and bullying affect a child's self-image? • To predict, based on past and present characteristics, what behaviour the child will manifest at a later stage in his or her life. For example: What is the effect of alcohol and smoking on the unborn child? If a baby starts walking at an early age, does it mean that he or she is likely to become a good athlete? Will the aggressive infant turn into an aggressive teenager? Will the curious child develop into a scientist?

Restorative Justice and Violence Against Women James Ptacek 2009-11-16

Controversial and forward-thinking, this volume presents a much-needed analysis of restorative justice practices in cases of violence against women. Advocates, community activists, and scholars will find the theoretical perspectives and vivid case descriptions presented here to be invaluable tools for creating new ways for abused women to find justice.

The Prokaryotes Edward F. DeLong 2014-10-21 The Prokaryotes is a comprehensive, multi-authored, peer reviewed reference work on Bacteria and Achaea. This fourth edition of The Prokaryotes is organized to cover all taxonomic diversity, using the family level to delineate chapters. Different from other resources, this new Springer product includes not only taxonomy, but also prokaryotic biology and technology of taxa in a broad context. Technological aspects highlight the usefulness of prokaryotes in processes and products, including biocontrol agents and as genetics tools. The content of the expanded fourth edition is divided into two parts: Part 1 contains review chapters dealing with the most important general concepts in molecular, applied and general prokaryote biology; Part 2 describes the known properties of specific taxonomic groups. Two completely new sections have been added to Part 1: bacterial communities and human bacteriology. The bacterial communities section reflects the growing realization that studies on pure cultures of bacteria have led to an incomplete picture of the microbial world for two fundamental reasons: the vast majority of bacteria in soil, water and associated with biological tissues are currently not culturable, and that an understanding of microbial ecology requires knowledge on how different bacterial species interact with each other in their natural environment. The new section on human microbiology deals with bacteria associated with healthy humans and bacterial pathogenesis. Each of the major human diseases caused by bacteria is reviewed, from identifying the pathogens by classical clinical and non-culturing techniques to the biochemical mechanisms of the disease process. The 4th edition of The Prokaryotes is the most complete resource on the biology of prokaryotes. The following volumes are published consecutively within the 4th Edition: Prokaryotic Biology and Symbiotic Associations Prokaryotic Communities and Ecophysiology Prokaryotic Physiology and Biochemistry Applied Bacteriology and Biotechnology Human Microbiology Actinobacteria Firmicutes Alphaproteobacteria and Betaproteobacteria Gammaproteobacteria Deltaproteobacteria and Epsilonproteobacteria Other Major Lineages of Bacteria and the Archaea

Chemistry of Spices V. A. Parthasarathy 2008 This book (24 chapters) covers the chemistry (chemical composition and structure) of the following spice plants and their products, and provides brief information on the morphology, and postharvest management (storage, packaging and grading) of these crops: black pepper (*Piper nigrum*), small cardamom (*Elettaria cardamomum*), large cardamom (*Amomum subulatum*), ginger, turmeric, cinnamon and cassia (*Cinnamomum* spp.), clove, nutmeg

and mace, coriander (*Coriandrum sativum*), cumin (*Cuminum cyminum*), fennel, fenugreek, paprika and chilli (*Capsicum* spp.), vanilla (*Vanilla* spp.), ajowan (*Trachyspermum ammi*), star anise (*Illicium verum*), aniseed (*Pimpinella anisum*), garcinia (*Garcinia* spp.), tamarind, parsley, celery, curry leaf (*Murraya koenigii*) and bay leaf (*Laurus nobilis*). This book will be useful to researchers, industrialists and postgraduate students of agriculture, horticulture and phytochemistry, and to spice traders and processors.

Global Environmental Constitutionalism James R. May 2014-11-17 Examines the increasing recognition that the environment is a subject for protection in constitutional texts and for vindication by constitutional courts.

Perioperative Psychiatry Paula C. Zimbrea 2018-12-18 This book provides a comprehensive review of mental health topics for pre- and postsurgical patients. The book discusses general aspects of psychiatric care during the immediate pre- and postsurgical phase, such as pain management, psychopharmacological management or legal aspects of informed consent. The volume dedicates one section to specific subspecialties, including cardiac surgery, neurosurgery, organ transplantation, plastic surgery, bariatric surgery, and many others. Each of these chapters address preoperative psychiatric risk factors, evaluations, impact, and management recommendations for prevention and treatment of the most common psychiatric complications. The final section reviews the current dilemmas and questions for future research in this field, including delirium and capacity evaluation. The text concludes with commentary written by experts in the fields of consultation-liaison psychiatry and surgery on future directions and considerations. *Perioperative Psychiatry* is a valuable resource for psychiatrists, psychologists, surgeons, trainees, nurses, social workers, and all medical professionals concerned with the behavioral health of surgical patients. **The Routledge International Handbook of Learning** Peter Jarvis 2012 The aim of this handbook is to present an overview of the work on learning, written by leading scholars from all these different perspectives and disciplines.

Adult Development and Ageing D. A. Louw 2019

Disease Control Priorities, Third Edition (Volume 8) Donald A. P. Bundy 2017-11-20 More children born today will survive to adulthood than at any time in history. It is now time to emphasize health and development in middle childhood and adolescence--developmental phases that are critical to health in adulthood and the next generation. **Child and Adolescent Health and Development** explores the benefits that accrue from sustained and targeted interventions across the first two decades of life. The volume outlines the investment case for effective, costed, and scalable interventions for low-resource settings, emphasizing the cross-sectoral role of education. This evidence base can guide policy makers in prioritizing actions to promote survival, health, cognition, and physical growth throughout childhood and adolescence.

Soil Components and Human Health Rolf Nieder 2018-01-10 This volume highlights important links existing between soils and human health which up to now are not fully realized by the public. Soil materials may have deleterious, beneficial or no impacts on human health; therefore, understanding the complex relationships between diverse soil materials and human health will encourage creative cooperation between soil and environmental sciences and medicine. The topics covered in this book will be of immense value to a wide range of readers, including soil scientists, medical scientists and practitioners, nursing scientists and staff, toxicologists, ecologists, agronomists,

geologists, geochemists, public health professionals, planners and several others.

Adolescence and Emerging Adulthood Jeffrey Jensen Arnett 2012-07 Helps students understand how culture impacts development in adolescence and emerging adulthood. Grounded in a global cultural perspective (within and outside of the US), this text enriches the discussion with historical context and an interdisciplinary approach, including studies from fields such as anthropology and sociology, in addition to the compelling psychological research on adolescent development. This book also takes into account the period of "emerging adulthood" (ages 18-25), a term coined by the author, and an area of study for which Arnett is a leading expert. Arnett continues the fifth edition with new and updated studies, both U.S. and international. With Pearson's MyDevelopmentLab Video Series and Powerpoints embedded with video, students can experience a true cross-cultural experience. A better teaching and learning experience This program will provide a better teaching and learning experience-- for you and your students. Here's how: Personalize Learning - The new MyDevelopmentLab delivers proven results in helping students succeed, provides engaging experiences that personalize learning, and comes from a trusted partner with educational expertise and a deep commitment to helping students and instructors achieve their goals. Improve Critical Thinking - Students learn to think critically about the influence of culture on development with pedagogical features such as Culture Focus boxes and Historical Focus boxes. Engage Students - Arnett engages students with cross cultural research and examples throughout. MyVirtualTeen, an interactive simulation, allows students to apply the concepts they are learning to their own "virtual teen." Explore Research - "Research Focus" provides students with a firm grasp of various research methods and helps them see the impact that methods can have on research findings. Support Instructors - This program provides instructors with unbeatable resources, including video embedded PowerPoints and the new MyDevelopmentLab that includes cross-cultural videos and MyVirtualTeen, an interactive simulation that allows you to raise a child from birth to age 18. An easy to use Instructor's Manual, a robust test bank, and an online test generator (MyTest) are also available. All of these materials may be packaged with the text upon request. Note: MyDevelopmentLab does not come automatically packaged with this text. To purchase MyDevelopmentLab, please visit: www.mydevelopmentlab.com or you can purchase a ValuePack of the text + MyDevelopmentlab (at no additional cost): ValuePack ISBN-10: 0205911854/ ValuePack ISBN-13: 9780205911851. Click here for a short walkthrough video on MyVirtualTeen!

<http://www.youtube.com/playlist?list=PL51B144F17A36FF25&feature=plcp>

Developmental Psychology: Childhood and Adolescence David R. Shaffer 2013-01-01 This popular, topically organized, and thoroughly updated child and adolescent development text presents you with the best theories, research, and practical advice that developmentalists have to offer today. Authors David R. Shaffer and Katherine Kipp provide you with a current and comprehensive overview of child and adolescent development, written in clear, concise language that talks to you rather than at you. The authors also focus on application showing how theories and research apply to real-life settings. As a result, you will gain an understanding of developmental principles that will help you in your roles as parents, teachers, nurses, day-care workers, pediatricians, psychologists, or in any other capacity by which you may one day influence the lives of developing persons. Available with InfoTrac Student Collections

<http://gocengage.com/infotrac>. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

How to Overcome the Antibiotic Crisis Marc Stadler 2016-12-21 This volume focuses on antibiotics research, a field of topical significance for human health due to the worrying increase of nosocomial infections caused by multi-resistant bacteria. It covers several basic aspects, such as the evolution of antibiotic resistance and the influence of antibiotics on the gut microbiota, and addresses the search for novel pathogenicity blockers as well as historical aspects of antibiotics. Further topics include applied aspects, such as drug discovery based on biodiversity and genome mining, optimization of lead structures by medicinal chemistry, total synthesis and drug delivery technologies. Moreover, the development of vaccines as a valid alternative therapeutic approach is outlined, while the importance of epidemiological studies on important bacterial pathogens, the problems arising from the excessive use of antibiotics in animal breeding, and the development of innovative technologies for diagnosing the “bad bugs” are discussed in detail. Accordingly, the book will appeal to researchers and clinicians alike.

Sustainable Phosphorus Management Roland W. Scholz 2014-03-12 This book describes a pathway for sustainable phosphorus management via the Global Transdisciplinary Processes for Sustainable Phosphorus Management project (Global TraPs). Global TraPs is a multi-stakeholder forum in which scientists from a variety of disciplines join with key actors in practice to jointly identify critical questions and to articulate what new knowledge, technologies and policy processes are needed to ensure that future phosphorus use is sustainable, improves food security and environmental quality and provides benefits for the poor. The book offers insight into economic scarcity and identifies options to improve efficiency and reduce environmental impacts of anthropogenic phosphorus flows at all stages of the supply and use chain.

Adult Development and Ageing Dap Louw 2020-12-20 Adult development – a life span that could easily be four to five times longer than that of childhood – is an important discipline in its own right. As life expectancy is increasing more rapidly than at any other time in human history, scientific knowledge about adult development and especially ageing will become even more crucial. Some younger students may wonder whether learning about adult development is relevant for them. It definitely is. First, adult development is about the ‘future you’. It is about the remarkable journey most of you have already entered and the fascinating life journey that lies ahead of you. Second, the information in the book should help you to understand all other adults better, including those close to you such as your parents, grandparents, and other older family members. Therefore, we believe that you will not only enjoy studying this book, but also find it enriching. • The target audience of this book is primarily undergraduate students in psychology, education, social work, psychiatry, and related disciplines. However, the nature and extent of Adult Development and Ageing also makes the text suitable for use at postgraduate level (especially where this field was not a focus area in the undergraduate course). Furthermore, the book contains valuable information that will be useful to anyone who has an interest in adult development. • There is a special focus to ageing as an integral part of human development. This special focus on ageing is also the main reason for including it in the title of this book. • The book focuses on the unique South African situation, therefore, local research data and South African

examples are included in the book where possible.

Adult Development and Aging Susan Krauss Whitbourne 2005 In this second edition of *Adult Development and Aging: Biopsychosocial Perspectives*, Susan Krauss Whitbourne makes an important contribution to the educational mission of the field by providing accurate and current information and a positive perspective on the years of adulthood and old age. Whitbourne explores the art of successful aging, focusing on how individuals can take an active role in the aging process and make it a rewarding developmental period, filled with vitality and creativity. Now revised with substantially updated references and recent findings, the second edition combines both research and applied perspectives, and integrates information from the biological, cognitive, and psychosocial perspectives as they relate to the middle and later years of adulthood. The text presents a complete picture of the aging process, with enough information on both adulthood and later adulthood to allow instructors to alter their emphasis according to the needs and interests of students.

Youth in Conflict and Peacebuilding Alpaslan Özerdem 2015-04-15 *Youth in Conflict and Peacebuilding* gives weight to the role of youth in peacebuilding, with specific reference to the processes of mobilisation, reintegration and reconciliation. Özerdem and Podder reject the pejorative notion of youth as a security threat, a notion that still pervades the literature and practice of peacebuilding. The main objective of this study is, therefore, to provide a new conceptualisation of youth as a harbinger of peace, whether at an international or local level. By adopting a multi-disciplinary approach that identifies key themes in the analysis of its two main case studies of Liberia and Mindanao in the Philippines, this study maps out the debate surrounding the role of youth in post-conflict environments and draws from a wide range of cross-cultural examples. The failure to recognise youths as political actors can result in their contribution to peacebuilding being ignored, wasted and, at best, under-utilised. In recognising their agency as legitimate political actors, Özerdem and Podder address the need for a comprehensive understanding of their valuable contribution to peacebuilding.

TALIS Creating Effective Teaching and Learning Environments First Results from TALIS OECD 2009-07-21 This publication is the first report from the OECD's Teaching and Learning International Survey (TALIS). It provides quantitative, policy-relevant information on the teaching and learning environment in schools in 23 countries.

Nuclear Hepatology Gerbail T. Krishnamurthy 2013-06-29 Recent advances in technology have greatly impacted upon the practice of nuclear medicine in general, and the approach to hepatobiliary diseases in particular. Emphasis is now placed more on non-invasive functional imaging with quantification, a feature unique to nuclear medicine and not available from any other competing diagnostic imaging modality. By providing a measure of severity of disease, quantification aids not only in timing of therapy but also for testing whether or not the chosen therapy has achieved the intended goals and objectives. This is the first textbook of its kind in the new millennium on nuclear hepatology to fully integrate quantitative physiology with morphology in the diagnosis of hepatobiliary diseases. The conception of nuclear hepatology occurred in the late 1940s with the introduction of radiocolloids, whose rate of clearance from blood was used as a measure of hepatic blood flow. Radiocolloid imaging of the liver, introduced first in the mid 1950s, was the most popular nuclear medicine imaging procedure in the 1970s and early 1980s, accounting for nearly 50% of the total

workload in many nuclear medicine departments.

Monitoring Child Well-being Andrew Dawes 2007 Taking a rights-based approach, this comprehensive study develops a conceptual framework and a definitive set of holistic indicators for monitoring the well-being of children in South Africa. Taking cues from the child-rights focus of the South African constitution, it is made clear that it is not just the state of the children that is important to measure, but also the contexts within which the children grow and develop. Providing practical tools for policy makers to assess the effectiveness of child-based policies and interventions, this practical work addresses a wide range of domains—child poverty, HIV and AIDS, education, mental health and disability, abuse and neglect, the justice system, and children affected by the worst forms of labor.

Environmental Stress and Amelioration in Livestock Production Veerasamy Sejian 2012-06-05 Given the importance of livestock to the global economy, there is a substantial need for world-class reference material on the sustainable management of livestock in diverse eco-regions. With uncertain climates involving unpredictable extreme events (e.g., heat, drought, infectious disease), environmental stresses are becoming the most crucial factors affecting livestock productivity. By systematically and comprehensively addressing all aspects of environmental stresses and livestock productivity, this volume is a useful tool for understanding the various intricacies of stress physiology. With information and case studies collected and analyzed by professionals working in diversified ecological zones, this book explores the influence of the environment on livestock production across global biomes. The challenges the livestock industry faces in maintaining the delicate balance between animal welfare and production are also highlighted.

Textbook of Addiction Treatment Nady el-Guebaly 2021-11-18 Addiction is increasingly being recognized as a major global public health issue, and an ever-growing number of medical specialties, psychological and social science training programs, and professional associations are including addiction as part of their training and continuing education curricula. The first edition of this book presented an overview of the spectrum of addiction-related problems across different cultures around the globe. Sharing the experience and wisdom of more than 260 leading experts in the field, and promoted by the International Society of Addiction Medicine, it compared and contrasted clinical practices in the field of addiction medicine on the basis of neurobiological similarities as well as epidemiological and socio-cultural differences. Building on the success of this inaugural edition, and taking into account the formal and informal comments received as well as an assessment of current need, this textbook presents general updated information while retaining the most requested sections of the first edition as demonstrated by the number of chapter downloads. It also provides a basic text for those preparing for the ISAM annual certification exam. Written by some 220 international experts, it is a valuable reference resource for anyone interested in medicine, psychology, nursing, and social science.

Human Development for Students in Southern Africa Dap Louw 2019-02-01 Human Development for Students in South Africa, is a combination of two titles, namely: (1) Child and Adolescent Development, and (2) Adult development and Ageing.

The Global Food Crisis Jennifer Clapp 2009-09-30 The global food crisis is a stark reminder of the fragility of the global food system. The Global Food Crisis: Governance Challenges and Opportunities captures the debate about how to go forward and

examines the implications of the crisis for food security in the world's poorest countries, both for the global environment and for the global rules and institutions that govern food and agriculture. In this volume, policy-makers and scholars assess the causes and consequences of the most recent food price volatility and examine the associated governance challenges and opportunities, including short-term emergency responses, the ecological dimensions of the crisis, and the longer-term goal of building sustainable global food systems. The recommendations include vastly increasing public investment in small-farm agriculture; reforming global food aid and food research institutions; establishing fairer international agricultural trade rules; promoting sustainable agricultural methods; placing agriculture higher on the post-Kyoto climate change agenda; revamping biofuel policies; and enhancing international agricultural policy-making. Co-published with the Centre for International Governance Innovation

Mind Myths Sergio Della Sala 1999-06-02 Mind Myths shows that science can be entertaining and creative. Addressing various topics, this book counterbalances information derived from the media with a 'scientific view'. It contains contributions from experts around the world.

Vasculopathies Marc Thiriet 2019-02-18 This volume presents one of the clinical foundations of vasculopathies: the biological markers and risk factors associated with cardiovascular disease. A detailed biological and clinical framework is provided as a prerequisite for adequate modeling. Chapter 1 presents cardiovascular risk factors and markers, where the search for new criteria is aimed at improving early detection of chronic diseases. The subsequent chapters focus on hypertension, which involves the kidney among other organs as well as many agents, hyperglycemia and diabetes, hyperlipidemias and obesity, and behavior. The last of these risk factors includes altered circadian rhythm, tobacco and alcohol consumption, physical inactivity, and diet. The volumes in this series present all of the data needed at various length scales for a multidisciplinary approach to modeling and simulation of flows in the cardiovascular and ventilatory systems, especially multiscale modeling and coupled simulations. The cardiovascular and respiratory systems are tightly coupled, as their primary function is to supply oxygen to and remove carbon dioxide from the body's cells. Because physiological conduits have deformable and reactive walls, macroscopic flow behavior and prediction must be coupled to nano- and microscopic events in a corrector scheme of regulated mechanisms. Therefore, investigation of flows of blood and air in anatomical conduits requires an understanding of the biology, chemistry, and physics of these systems together with the mathematical tools to describe their functioning in quantitative terms.

Education in the Best Interests of the Child R. Brian Howe 2013-02-07 A large body of research in disciplines from sociology and policy studies to neuroscience and educational psychology has confirmed that socioeconomic status remains the most powerful influence on children's educational outcomes. Socially disadvantaged children around the world disproportionately suffer from lower levels of educational achievement, which in turn leads to unfavourable long-term outcomes in employment and health. Education in the Best Interests of the Child addresses this persistent problem, which violates not only the principle of equal educational opportunity, but also the broader principle of the best interests of the child as called for in the UN Convention on the Rights of the Child. Building on the children's rights work accomplished in their previous book, Empowering Children, Brian Howe and Katherine Covell identify three

types of reform that can significantly close the educational achievement gap. Their findings make an important argument for stronger and more comprehensive action to equalize educational opportunities for disadvantaged children.

International Handbook of Emotions in Education Reinhard Pekrun 2014-04-16 For more than a decade, there has been growing interest and research on the pivotal role of emotions in educational settings. This ground-breaking handbook is the first to highlight this emerging field of research and to describe in detail the ways in which emotions affect learning and instruction in the classroom as well as students' and teachers' development and well-being. Informed by research from a number of related fields, the handbook includes four sections. Section I focuses on fundamental principles of emotion, including the interplay among emotion, cognition, and motivation, the regulation of emotion, and emotional intelligence. Section II examines emotions and emotion regulation in classroom settings, addressing specific emotions (enjoyment, interest, curiosity, pride, anxiety, confusion, shame, and boredom) as well as social-emotional learning programs. Section III highlights research on emotions in academic content domains (mathematics, science, and reading/writing), contextual factors (classroom, family, and culture), and teacher emotions. The final section examines the various methodological approaches to studying emotions in educational settings. With work from leading international experts across disciplines, this book synthesizes the latest research on emotions in education.

Telomeres and Telomerase in Aging, Disease, and Cancer K. Lenhard Rudolph 2007-11-07 Telomere shortening represents one of the basic aspects of ageing and telomere dysfunction could contribute to the accumulation of DNA damage during ageing. This book summarizes evidence and data indicating that telomere dysfunction influences human ageing, diseases and cancer. The book describes our current knowledge on checkpoints that limit cellular lifespan and survival in response to telomere dysfunction. There is special focus on adult stem cells.

Acute Ischemic Stroke R. Gilberto González 2010-10-05 This updated second edition of *Acute Ischemic Stroke: Imaging and Intervention* provides a comprehensive account of the state of the art in the diagnosis and treatment of acute ischemic stroke. The basic format of the first edition has been retained, with sections on fundamentals such as pathophysiology and causes, imaging techniques and interventions. However, each chapter has been revised to reflect the important recent progress in advanced neuroimaging and the use of interventional tools. In addition, a new chapter is included on the classification instruments for ischemic stroke and their use in predicting outcomes and therapeutic triage. All of the authors are internationally recognized experts and members of the interdisciplinary stroke team at the Massachusetts General Hospital and Harvard Medical School. The text is supported by numerous informative illustrations, and ease of reference is ensured through the inclusion of suitable tables. This book will serve as a unique source of up-to-date information for neurologists, emergency physicians, radiologists and other health care providers who care for the patient with acute ischemic stroke.

Cardioskeletal Myopathies in Children and Young Adults John Lynn Jefferies 2016-10-22 *Cardioskeletal Myopathies in Children and Young Adults* focuses on plaques that kill people in their 40's-50's and the way they start to form in young adulthood. The *Annals of Family Medicine* report that approximately half of young adults have at least one cardiovascular disease risk factor (Mar 2010), and an increase in cardiovascular

mortality rates in young adults was substantiated in a study at Northwestern Medicine (Nov 2011). Given the increasing recognition of genetic triggers behind all types of cardiovascular disease, and the growing population of young adults with primary or acquired myocardial disease, the need has arisen for a reference that offers a comprehensive approach to the understanding of basic, translational, and clinical aspects of specific muscle diseases while making the link between young adult and adult health. Reveals the link between cardiac muscle disease and skeletal muscle disease Explains how genetics and environmental factors effect muscle function of diverse origins Designates current and novel therapeutic strategies that target both cardiac and skeletal muscle systems

Between Two Worlds Elizabeth Marquardt 2006-09-26 An astonishing one quarter of adults between the ages of eighteen and thirty-five have grown up in divorced families. Now, as this generation comes of age, *Between Two Worlds* will speak to them like no other book. Marquardt's data is undeniably compelling, but at the heart of her book are stories—of reunions with one parent that were always partings from the other, of struggles to adapt to a parent's moods, of the burden of having to figure out the important questions in life alone. Authoritative, beautifully written, and filled with brave, sad, unflinchingly honest voices, *Between Two Worlds* is a book of transforming power for the adult children of divorce, whose real experiences have for too long gone unrecognized. Based on a pioneering new study, *Between Two Worlds* is a book of transforming power for anyone who grew up with divorced parents.

Handbook of Venoms and Toxins of Reptiles Stephen P. Mackessy 2021-05-25 A decade after publication of the first edition, *Handbook of Venoms and Toxins of Reptiles* responds to extensive changes in the field of toxinology to endure as the most comprehensive review of reptile venoms on the market. The six sections of this new edition, which has nearly doubled in size, complement the original handbook by presenting current information from many of the leading researchers and physicians in toxinology, with topics ranging from functional morphology, evolution and ecology to crystallography, -omics technologies, drug discovery and more. With the recent recognition by the World Health Organization of snakebite as a neglected tropical disease, the section on snakebite has been expanded and includes several chapters dealing with the problem broadly and with new technologies and the promises these new approaches may hold to counter the deleterious effects of envenomation. This greatly expanded handbook offers a unique resource for biologists, biochemists, toxicologists, physicians, clinicians, and epidemiologists, as well as informed laypersons interested in the biology of venomous reptiles, the biochemistry and molecular biology of venoms, and the effects and treatment of human envenomation.