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Educational Media and Technology Yearbook

All of human experience flows from bodies that feel, express emotion, and think about what such experiences mean. But is it possible for us, embodied as we are in a particular time and place, to know how people of long ago thought about the body and its experiences? In this groundbreaking book, three leading experts on the Classic Maya (ca. AD 250 to 850) marshal a vast array of evidence from Maya iconography and hieroglyphic writing, as well as archaeological findings, to argue that the Classic Maya developed a coherent approach to the human body that we can recover and understand today. The authors open with a cartography of the Maya body, its parts and their meanings, as depicted in imagery and texts. They go on to explore such issues as how the body was replicated in portraiture; how it experienced the world through ingestion, the senses, and the emotions; how the body experienced war and sacrifice and the pain and sexuality that were intimately bound up in these domains; how words, often heaven-sent, could be embodied; and how bodies could be blurred through spirit possession. From these investigations, the authors convincingly demonstrate that the Maya conceptualized the body in varying roles, as a metaphor of time, as a gendered, sexualized being, in distinct stages of life, as an instrument of honor and dishonor, as a vehicle for communication and consumption, as an exemplification of beauty and ugliness, and as a dancer and song-maker. Their findings open a new avenue for empathetically understanding the ancient Maya as living human beings who experienced the world as we do, through the body.

Resuscitation Aspects

Chlorination in various forms has been the predominant method of drinking water disinfection in the United States for more than 70 years. The seventh volume of the Drinking Water and Health series addresses current methods of drinking water disinfection and compares standard chlorination techniques with alternative methods. Currently used techniques are discussed in terms of their chemical activity, and their efficacy against waterborne pathogens, including bacteria, cysts, and viruses, is compared. Charts, tables, graphs, and case studies are used to analyze the effectiveness of chlorination, chloramination, and ozonation as disinfectant processes and to compare these methods for their production of toxic by-products. Epidemiological case studies on the toxicological effects of chemical by-products in drinking water are also presented.

The Next Arms Race

In an era of transition from classic Cardiopulmonary resuscitation (CPR) to assisted device-CPR or hemodynamic driven CPR, this book, published by InTechOpen, highlights some interesting aspects of resuscitation. Divided in three sections, the research presented emphasizes the details of resuscitation in special circumstances to possible future applications in the field. The authors offer us not only a vigorous review of the current literature but also a research road map for further advancement.

The Memory of Bones

"Fundamentals of Tissue Engineering and Regenerative Medicine" provides a complete overview of the state of the art in tissue engineering and regenerative medicine. Tissue engineering has grown tremendously during the past decade. Advances in genetic medicine and stem cell technology have significantly improved the potential to influence cell and tissue performance, and have recently expanded the field towards regenerative medicine. In recent years a number of approaches have been used routinely in daily clinical practice, others have been introduced in clinical studies, and multitudes are in the preclinical testing phase. Because of these developments, there is a need to provide comprehensive and detailed information for researchers and clinicians on this rapidly expanding field. This book offers, in a single volume, the prerequisites of a comprehensive understanding of tissue engineering and regenerative medicine. The book is conceptualized according to a didactic approach (general aspects: social, economic, and ethical considerations; basic biological aspects of regenerative medicine: stem cell medicine, biomolecules, genetic engineering; classic methods of tissue engineering: cell, tissue, organ culture; biotechnological issues: scaffolds; bioreactors, laboratory work; and an extended medical discipline oriented approach: review of clinical use in the various medical specialties). The content of the book, written in 68 chapters by the world's leading research and clinical specialists in their discipline, represents therefore the recent intellect, experience, and state of this bio-medical field.

Drug and Alcohol Abuse

Millions have been inspired by the Bible's spiritual lessons. Now, Lorin Woolfe

provides a unique way to view the Bible . . . for leadership lessons that can be applied to our modern business world. Consider David's courage and innovation in slaying Goliath with just a stone and a sling; Moses' outstanding "succession planning" in picking Joshua; Joseph and the political skills that brought him to the seat of power; and of course, Jesus' compassion, communication skills, and vision that launched Christianity (a long-term success by any measure). These are leaders among leaders. Their achievements -- and their inspired methods of achievement -- offer a wholly different perspective on business leadership. For the dozens of Biblical stories presented, the book provides: * A concise retelling of each story * One (or more) leadership lessons suggested by each story * Examples of contemporary business leaders who exhibit some of the inspired traits of these ancient leaders, including: Fred Smith of FedEx, Howard Shultz of Starbucks, Tom Chappell of Tom's of Maine (a "toothpaste with a mission"), Roy Vagelos of Merck, and many more. The chapters cover these universal topics: Courage * Purpose * Communication * Honesty and Integrity * Power and Influence * Performance Management * Team Building * Humility * Compassion * Justice * Encouragement and Consequences * Wisdom * Creating the Future Each topic concludes with a list of key points to keep in mind as readers continue on their own leadership journeys.

Positive Psychiatry, Psychotherapy and Psychology

Teeming with chatrooms, online discussion groups, and blogs, the Internet offers previously unimagined opportunities for personal expression and communication. But there's a dark side to the story. A trail of information fragments about us is forever preserved on the Internet, instantly available in a Google search. A permanent chronicle of our private lives--often of dubious reliability and sometimes totally false--will follow us wherever we go, accessible to friends, strangers, dates, employers, neighbors, relatives, and anyone else who cares to look. This engrossing book, brimming with amazing examples of gossip, slander, and rumor on the Internet, explores the profound implications of the online collision between free speech and privacy. Daniel Solove, an authority on information privacy law, offers a fascinating account of how the Internet is transforming gossip, the way we shame others, and our ability to protect our own reputations. Focusing on blogs, Internet communities, cybermobs, and other current trends, he shows that, ironically, the unconstrained flow of information on the Internet may impede opportunities for self-development and freedom. Long-standing notions of privacy need review, the author contends: unless we establish a balance between privacy and free speech, we may discover that the freedom of the Internet makes us less free.

The General College Vision

Equity, Social Determinants and Public Health Programmes

The first edition was highly successful and a respected reference book for many years. This extensive revision, by 30 contributing authors, details the latest advances in the recognition and detection of parasitic diseases in free-ranging and captive mammals, and addresses wildlife management and public health

considerations. It also discusses possible emerging diseases and provides an important expanded section on protozoan parasites. Illustrations include photographs, photomicrographs and drawings, plus over 100 tables. This book is fully referenced and will be useful to students and professionals in parasitology, and to a wide range of wildlife biologists, veterinarians and public health professionals.

Sound, Music and Movement in Parkinson's Disease

Recent years have brought new insights to the understanding of Parkinson's disease, impact of exercise and sound displays in rehabilitation and movement facilitation. There is growing evidence that auditory signals in the environment can provide a temporal template for movement and change the mode of motor control from intrinsic to extrinsic; habitual to goal-directed, enabling enhanced motor performance in patients. In addition, forced exercise rate studies show that exercising at the pace of healthy adults can have potential neuroprotective benefits for patients. Many research groups have explored the use of auditory cues (such as rhythmical auditory training) in improving gait and upper limb movement parameters. Cues are usually either intermittent (metronome) or continuous (dynamic sound displays). Similarly, dance based interventions suggest that patients benefit from additional sensory information (i.e. the temporal structure embedded in music and proprioceptive information from a dancing partner) that facilitates movement. On the contrary, studies dedicated to auditory perception and motor timing report an impaired ability of patients to perceive and synchronise with complex rhythmical structures (i.e. causing an inability to play musical instruments). With the growth of modern technology and the increasing portability of hi-specification devices (such as smart phones), new research questions on the design of interventions are beginning to emerge as we strive for more efficient therapeutic approaches. In this Research Topic we wanted to bring together top scientists from the movement disorder, motor control and sound related studies along with therapists. That way, we can engage in cross-disciplinary and challenging scientific debate about future rehabilitation avenues and frontiers for Parkinson's disease patients.

Cover Letter Magic

This book focuses on diversity, culture, and ethnicity as they relate to psychological assessment of Hispanics. It is a how-to guide for clinicians, researchers, and instructors working with Hispanic clients. Each chapter contains an overview of cultural considerations needed for assessing the Hispanic client followed by a specific exploration of the assessment measures available and the research that has been conducted on these measures with Hispanic participants. An exploration of the strengths and limitations of each assessment measure is included. Considering that ethnocultural minority individuals who are of Hispanic/Latino origin make up the largest ethnocultural minority group in the United States, guidelines for working with this population are a must. Given that a large subset of this percentage is composed of immigrants many of whom do not speak English or who have learned English as a second language, special considerations for effective psychological assessment are necessary. This book fills a gap in the scientific literature by consolidating the research on psychological

assessment with Hispanic samples into one comprehensive volume and providing simple recommendations for the psychological assessment of Hispanic clients. An exploration of the general psychological assessment domains (e.g., personality, intelligence) is included with references to research on the major assessment measures used in the field. A more specific exploration of psychodiagnostic assessment measures follows, including the assessment of mood disorders, anxiety disorders, sexual dysfunction, psychosis, etc. Several chapters are dedicated to specialized assessment, including neuropsychological assessment, forensic assessment, and school-based assessment, overall creating the most comprehensive, up-to-date, research-based compendium of psychological assessment measures for use with Hispanic clients.

Nursing the Cardiac Patient

Diesel Engine and Fuel System Repair

The lure of drugs and alcohol is capturing today's youth in its fatal grip and may ultimately destroy our nation's future generations. The vicious cycle of abuse is one that parents, teachers, counselors, and other citizens decry on a daily basis. Dr. Thomas Milhorn, an expert on adolescent drug abuse, provides crucial information on all the major drugs of abuse - including depressants, narcotics, stimulants, cannabinoids, inhalants, steroids, and hallucinogens - and their lethal consequences. Dr. Milhorn contends that in order to confront the monster that is destroying our children's health and quality of life, we must first understand the psyche of drug and alcohol abusers and the natural progression of the disease of addiction. This respected physician and physiologist reveals the harmful combinations currently in vogue in the drug world and the short and long-term effects they have on the body, and discusses ways to recognize and pinpoint the telltale signs of a user. He explores the question of why adolescents abuse drugs, as well as special issues affecting young female addicts. This powerful book also examines the fatal relationship between drugs and AIDS, and includes a brief history of AIDS, and lifesaving advice on AIDS prevention. Dr. Milhorn skillfully assesses the various inpatient and outpatient treatment choices. He realistically portrays the intense physical and emotional stages the user will pass through before becoming drug free, as well as the stresses placed upon families during the recovery process. As this valuable book relates, both parents and teachers have clearly defined roles, and each can use his or her own brand of influence to aid the adolescent on the journey back to a healthy mind and body. Finally, Dr. Milhorn presents a list of successful options available if a first treatment attempt should fail. We live in a society where 12-year-olds are budding alcoholics and children are bombarded in school hallways with solicitations to experiment with illicit drugs. With the practical wisdom of this authoritative and accessible guide, we can learn the techniques that will save our next generation from ruining their lives through hopeless addiction.

Automotive Engineering International

DIVRethinks the history of classical political economy by assessing the Marxian

idea of "primitive accumulation," the process by which a propertyless working class is created./div

Diesel Particulate Filter Technology

David Crystal's classic English as a Global Language considers the history, present status and future of the English language, focusing on its role as the leading international language. English has been deemed the most 'successful' language ever, with 1500 million speakers internationally, presenting a difficult task to those who wish to investigate it in its entirety. However, Crystal explores the subject in a measured but engaging way, always backing up observations with facts and figures. Written in a detailed and fascinating manner, this is a book written by an expert both for specialists in the subject and for general readers interested in the English language.

The Bible on Leadership

Nursing the Cardiac Patient is a practical guide that addresses the management of cardiac patients across the spectrum of health care settings. It assists nurses in developing a complete understanding of the current evidence-based practice and principles underlying the care and management of the cardiac patient. It combines theoretical and practical components of cardiac care in an accessible and user-friendly format, with case studies and practical examples throughout.

The Invention of Capitalism

Marine Auxiliary Machinery, Seventh Edition is a 16-chapter text that covers the significant advances in marine auxiliary machinery relevant to the certification of competency examinations. The introductory chapters deal with the basic components of marine machineries, such as propulsion system, heat exchanger, valves, and pipelines. The succeeding chapters describe the pumps and pumping system, specifically the tanker and gas carrier cargo pumps. Considerable chapters are devoted to the operation of machinery's major components, including the propeller shaft, steering gear, auxiliary power, bow thrusters, and stabilizers. Other chapters consider the refrigeration, heating, ventilation, and air conditioning systems. The final chapters tackle the safety system of marine auxiliary machinery, particularly the fire protection, safety, instrumentation, and control systems. This book will prove useful to marine and mechanical engineers.

The Gene Ontology Handbook

Expands and refines the psychosomatic approach in clinical practice
Psychosomatic medicine has developed methods to increase diagnostic accuracy and improve targeted therapeutic approaches in all fields of medicine. In this context, clinimetrics, the science of clinical measurements, provides unprecedented opportunities for psychosomatic assessment. This volume illustrates how this approach can be translated into everyday practice complementing and improving the medical interview. The most sensitive and reliable clinical methods are presented for evaluating specific psychosocial aspects

of disease, i.e. childhood adversities, life events and chronic stress, lifestyle, sexual function, subclinical and affective disturbances, personality, illness behavior, well-being and family dynamics. Each chapter provides practical illustrations as to how crucial information can be obtained with specific methods individualized according to the patients' needs. A hyperlink is provided to a website that contains many of the instruments assessed in the volume. This book enables the reader to understand the value of the psychosomatic approach in clinical practice. It is intended to expand and refine the skills of clinicians who work in general and specialized medicine and psychiatry, whether physicians, psychologists or other health professionals.

Marine Auxiliary Machinery

This book describes how man-made litter, primarily plastic, has spread into the remotest parts of the oceans and covers all aspects of this pollution problem from the impacts on wildlife and human health to socio-economic and political issues. Marine litter is a prime threat to marine wildlife, habitats and food webs worldwide. The book illustrates how advanced technologies from deep-sea research, microbiology and mathematic modelling as well as classic beach litter counts by volunteers contributed to the broad awareness of marine litter as a problem of global significance. The authors summarise more than five decades of marine litter research, which receives growing attention after the recent discovery of great oceanic garbage patches and the ubiquity of microscopic plastic particles in marine organisms and habitats. In 16 chapters, authors from all over the world have created a universal view on the diverse field of marine litter pollution, the biological impacts, dedicated research activities, and the various national and international legislative efforts to combat this environmental problem. They recommend future research directions necessary for a comprehensive understanding of this environmental issue and the development of efficient management strategies. This book addresses scientists, and it provides a solid knowledge base for policy makers, NGOs, and the broader public.

Challenges of Expanding Internet: E-Commerce, E-Business, and E-Government

To acquire content knowledge through reading, students must understand the complex components and diverse purposes of informational texts, as emphasized in the Common Core State Standards (CCSS). This practical book illuminates the ways in which a text's purpose, structure, details, connective language, and construction of themes combine to create meaning. Classroom-tested instructional recommendations and "kid-friendly" explanations guide teachers in helping students to identify and understand the role of these elements in different types of informational texts. Numerous student work samples, excerpts from exemplary books and articles, and a Study Guide with discussion questions and activities for professional learning add to the book's utility. ÿ

The Tractor in the Haystack

Thoroughly updated for new breakthroughs in multimedia nbsp; The

internationally bestselling Multimedia: Making it Work has been fully revised and expanded to cover the latest technological advances in multimedia. You will learn to plan and manage multimedia projects, from dynamic CD-ROMs and DVDs to professional websites. Each chapter includes step-by-step instructions, full-color illustrations and screenshots, self-quizzes, and hands-on projects. nbsp;

Aquatic Habitat Assessment

This is Volume 42 of the Educational Media and Technology Yearbook. For the past 40 years, our Yearbook has contributed to the field of Educational Technology in presenting contemporary topics, ideas, and developments regarding diverse technology tools for educational purposes. Our Yearbook has inspired researchers, practitioners, and teachers to consider how to develop technological designs and develop curricula and instruction integrating technology to enhance student learning, teach diverse populations across levels with effective technology integration, and apply technology in interactive ways to motivate students to engage in course content. In addition, Volume 42 features the Virtual Reality (VR) and Augmented Reality (AR) research and educational use cases, organized and coordinated by Vivienne and David. This section provides evidence that the affordances of AR, VR, and mixed reality, defined as an immersive multi-platform experience reality (XR), have begun to make indelible changes in teaching and learning in the United States. XR's recent developments stimulated the editors to propose a special edition to mark the interoperability of immersive technology to push the boundaries of human curiosity, creativity, and problem solving. After years of incremental development, XR has reached a critical level of investment, infrastructure, and emerging production. The chapters included in this section illustrate how XR can push user inquiry, engagement, learning, and interactivity to new levels within physical and digital contexts.

Handbook of Diesel Engines

In a brief, clear and easily accessible way, this summary illustrates the dynamics of the obesity epidemic and its impact on public health throughout the WHO European Region, particularly in eastern countries. It describes how factors that increase the risk of obesity are shaped in different settings, such as the family, school, community and workplace. It makes both ethical and economic arguments for accelerating action against obesity, and analyses effective programs and policies in different government sectors, such as education, health, agriculture and trade, urban planning and transport. The summary also describes how to design policies and programs to prevent obesity and how to monitor progress, and calls for specific action by stakeholders: not only government sectors but also the private sector - including food manufacturers, advertisers and traders - and professional consumers' and international and intergovernmental organizations such as the European Union.

Literacy Through Language Arts

Abstract: Habitat is now the basis of most impact assessments and resource inventories, and it is the basis of many species management plans, mitigation

planning, and environmental regulation. Habitats are relatively stable through time, easily defined in intuitive physical terms, and provide a tangible resource for negotiations and decision making. Numerous and varied methods of analyzing and reporting habitat conditions have been developed by federal, state, provincial, and private agencies. Habitat assessment approaches vary greatly among regions of the continent. The great variability in methods and an unusually wide range of practices have impeded the ability of agencies to share and synthesize information. A diversity of methods is desirable in the initial stages of a rapidly developing field, but enough time has passed to assess the state-of-knowledge and identify the best of the currently used methods and techniques. This manual is intended to provide fisheries biologists with a limited set of techniques for obtaining aquatic habitat data. The manual also describes the range of information collected and used in agency habitat analyses. Agencies planning habitat programs should review the synthesis of established and documented methods being used in North America (Appendix 1) and the planning recommendations in Chapter 2. Then, the remaining chapters should be reviewed to determine what types of habitat data should be included in the agency's program.

The Psychosomatic Assessment

For hundreds of years, psychology has looked into the dysfunctions and symptoms of the mind. It's only over the last few decades that the field has started to pay attention to what constitutes a functional and content life. Instead of using disease to understand health, positive psychology studies the components of a good life and helps people not only avoid mental health problems but develop happiness. The work done in positive psychology is now at a point where applications are being developed in positive psychotherapy and extended to those with psychiatric diagnoses in positive psychiatry. While these fields are a recent development they hold the promise of helping all of us live a fulfilled life. Medicine in general, and psychiatry in particular, suffers from a worldview that is symptom- and deficit-oriented. By adopting a positive approach, psychology, psychotherapy, and psychiatry add a more holistic, integrative, resource oriented, and preventive perspective. There is great urgency in developing resources and potentials in our patients, not only freeing them from their disorders. Psychiatrists and psychotherapists alike are incorporating these positive tools into their practices with positive clinical outcomes. Standing on the shoulders of pioneers like Nossrat Peseschkian, in positive psychotherapy, and Dilip Jeste, in positive psychiatry, this textbook is the first to bring together these innovations in one volume that will serve as an excellent resource for medical professionals looking to reap the benefits gained by the studies in these areas. Currently, the majority of texts that are available are targeting psychologists and researchers, whereas this book seeks to use positive psychology as the foundation on which the clinical applications are built. As such, this book will be of interest to psychiatrists, psychologists, social workers, and other mental health professionals. It may be used in educating a new generation of mental health professionals in these tenets that are expanding the reach of psychology, the practice of psychotherapy, and the scope of psychiatry.

Multimedia

This book provides a practical and self-contained overview of the Gene Ontology

(GO), the leading project to organize biological knowledge on genes and their products across genomic resources. Written for biologists and bioinformaticians, it covers the state-of-the-art of how GO annotations are made, how they are evaluated, and what sort of analyses can and cannot be done with the GO. In the spirit of the Methods in Molecular Biology book series, there is an emphasis throughout the chapters on providing practical guidance and troubleshooting advice. Authoritative and accessible, The Gene Ontology Handbook serves non-experts as well as seasoned GO users as a thorough guide to this powerful knowledge system. This work was published by Saint Philip Street Press pursuant to a Creative Commons license permitting commercial use. All rights not granted by the work's license are retained by the author or authors.

Bergey's Manual of Systematic Bacteriology

This handbook incisively explores challenges and opportunities that exist in efforts aimed at addressing inequities in mental health provision across the globe. Drawing on various disciplines across the humanities, psychology, and social sciences it charts the emergence of Global Mental Health as a field of study. It critically reflects on efforts and interventions being made to globalize mental health policies, and discusses key themes relevant for understanding and supporting the mental health needs of people living in diverse socio-economical and cultural environments. Over three rich sections, the handbook critically engages with Global Mental Health discourses. To help guide future efforts to support mental health and wellbeing in different parts of the world, the third section of the handbook consists of case studies of innovative mental health policy and practice, which are presented from a variety of different perspectives. This seminal handbook will appeal to a transnational community of post-graduate students, academics and practitioners, from global health to transcultural psychiatry and medical anthropology. It will be also of interest to researchers and clinical practitioners, policy makers and non-governmental organisations involved in cross-cultural mental health work.

Guide to Psychological Assessment with Hispanics

Comprehensive Therapeutic Programs for Musculoskeletal Disorders is focused on the effective use of comprehensive therapeutic programs for the treatment of common musculoskeletal disorders encountered by physicians.

Marine Anthropogenic Litter

Diesel particulate filters are designed to reduce or virtually eliminate ultrafine particulate emissions, specifically the solid diesel soot fraction. This book covers the latest and most important research in this field, focusing mainly on the advances of the last five years (2002-2006).

The Future of Reputation

This machine is destined to completely revolutionize cylinder diesel engine up through large low speed t- engine engineering and replace everything that exists.

stroke diesel engines. An appendix lists the most (From Rudolf Diesel's letter of October 2, 1892 to the important standards and regulations for diesel engines. publisher Julius Springer.) Further development of diesel engines as economiz- Although Diesel's stated goal has never been fully ing, clean, powerful and convenient drives for road and achievable of course, the diesel engine indeed revolu- nonroad use has proceeded quite dynamically in the tionized drive systems. This handbook documents the last twenty years in particular. In light of limited oil current state of diesel engine engineering and technol- reserves and the discussion of predicted climate ogy. The impetus to publish a Handbook of Diesel change, development work continues to concentrate Engines grew out of ruminations on Rudolf Diesel's on reducing fuel consumption and utilizing alternative transformation of his idea for a rational heat engine fuels while keeping exhaust as clean as possible as well into reality more than 100 years ago. Once the patent as further increasing diesel engine power density and was filed in 1892 and work on his engine commenced enhancing operating performance.

Fundamentals of Tissue Engineering and Regenerative Medicine

This book is a collection of analyses of the social determinants of health that impact on specific health conditions. Stemming from the recommendations of the Commission on Social Determinants of Health, promising interventions to improve health equity are presented for the areas of: alcohol-related disorders, cardiovascular diseases, child health and nutrition, diabetes, food safety, maternal health, mental health, neglected tropical diseases, oral health, pregnancy outcomes, tobacco and health, tuberculosis, and violence and injuries. The book was commissioned by the Department of Ethics, Equity, Trade and Human Rights as part of the work undertaken by the Priority Public Health Conditions Knowledge Network of the Commission on Social Determinants of Health, in collaboration with 16 of the major public health programmes of WHO. In addition to this, through collaboration with the Special Programme of Research, Development and Research Training in Human Reproduction, the Special Programme for Research and Training in Tropical Diseases, and the Alliance for Health Policy and Systems Research, 13 case studies were commissioned to examine the implementation challenges in addressing social determinants of health in low-and middle-income settings.

Unpacking Complexity in Informational Texts

Professional resume and cover letter writers reveal their inside secrets for creating phenomenal cover letters that get attention and land interviews. Features more than 150 sample cover letters written for all types of job seekers, including the Before-and-After transformations that can make boring letters fabulous.

The Challenge of Obesity in the WHO European Region and the Strategies for Response

With most of the world's advanced economies now stuck in recession; Western support for defense cuts and nuclear disarmament increasing; and a major emerging Asian power at odds with its neighbors and the United States; it is

tempting to think our times are about to rhyme with a decade of similar woes—the disorderly 1930s. Might we again be drifting toward some new form of mortal national combat? Or, will our future more likely ape the near-half-century that defined the Cold War—a period in which tensions between competing states ebbed and flowed but peace mostly prevailed by dint of nuclear mutual fear and loathing? The short answer is, nobody knows. This much, however, is clear: The strategic military competitions of the next 2 decades will be unlike any the world has yet seen. Assuming U.S., Chinese, Russian, Israeli, Indian, French, British, and Pakistani strategic forces continue to be modernized and America and Russia continue to reduce their strategic nuclear deployments, the next arms race will be run by a much larger number of contestants—with highly destructive strategic capabilities far more closely matched and capable of being quickly enlarged than in any other previous period in history.

Drinking Water and Health, Volume 7

Written by a practitioner, this comprehensive guide presents all the information and skills needed by the proficient diesel mechanic. Throughout, the material emphasizes the practical, nuts-and-bolts aspects of the trade. Each chapter contains a brief introduction, a list of objectives, and a general treatment of the subject at hand, a treatment of related component parts and nomenclature that familiarizes readers with terms and parts and a detailed discussion of the theory of operation, repair and overhaul, assembly, testing, and adjustment. Procedures are highlighted for easy reference. Also included are practical advice and approaches to troubleshooting as well as summaries, lists of review questions, and numerous illustrations.

Bilingual Education

The history of natural science across its many disciplines, including zoology, botany, geology or even malacology (the study of molluscs) is often a case of truth being stranger than fiction. There are countless stirring, occasionally alarming, natural history adventure stories to be told, rollicking tales of men and women risking life and limb in the name of science and in the cause of the broadening of human knowledge. *Eaten by a Giant Clam* focuses on the work of these natural scientists in the field. It comprises 22 stories, with a focus on the heyday of natural history endeavours between the eighteenth and twentieth centuries. Each story surveys the life and career of the scientist, with the main focus being career highlights and their most striking adventures. This fascinating book ranges in content from the humorous to the tragic, from the virtually unbelievable to the inspirational.

Disease Emergence and Resurgence

For the aficionado of farm equipment, or the scion of an old farming family nostalgic for the old days, or the grown-up boy who still loves a classic piece of old-time machinery, the vintage tractor can be a thrilling find like no other. This book tells dozens of stories of such discoveries, of the treasured old tractor parked in a shed since 1927, of the pristine model unearthed at an estate sale, of the broken-

down old beauty stashed in a barn where generations of children have made their secret hideaways. These are the classic tractors that are often as hard to find as a needle in a haystack—but far more fun to discover, as all of these delightful stories make abundantly clear.

Therapeutic Programs for Musculoskeletal Disorders

2.1 E-Government: e-Governance and e-Democracy The term Electronic Government (e-Government), as an expression, was coined after the example of Electronic Commerce. In spite of being a relatively recent expression, e-Government designates a field of activity that has been with us for several decades and which has attained a high level of penetration in many countries². What has been observed over the recent years is a shift on the broadness of the e-Government concept. The ideas inside e-Governance and e-Democracy are to some extent promising big changes in public administration. The demand now is not only simply delivering a service - line. It is to deliver complex and new services, which are all citizen-centric. Another important demand is related to the improvement of citizen's participation in governmental processes and decisions so that the governments' transparency and legitimacy are enforced. In order to fulfill these new demands, a lot of research has been done over the recent years (see Section 3) but many challenges are still to be faced, not only in the technological field, but also in the political and social aspects.

Parasitic Diseases of Wild Mammals

This book reports on an experimental bilingual education program conducted in Peru by Peruvian educators and Summer Institute of Linguistics (SIL) linguists. Sections of the book discuss: (1) the historical perspective of the program; (2) program aspects such as teacher training, goals, and curriculum; (3) what this program may contribute to the development of future programs; (4) the preparation of materials in vernacular languages; and (5) bilingual education as it relates to the development of indigenous communities. Papers include "The Role of Vernacular versus Prestige Languages in Primary Education" and "Training to Train: The Key to an Ongoing Program" by Mildred L. Larson, "The Training of Bilingual Teachers" by Olive A. Shell, and "The Challenges of Primer Making" by Patricia M. Davis. Tables include teacher-training course statistics, curriculum and textbooks for bilingual schools, and a synopsis of SIL work among the Aguarunas. Figures include sample pages from texts, primers, and readers, and a variety of letters and forms for supervisory use. Photographs of students, teachers, and other community members are provided. Appendices include the resolution authorizing bilingual education in the Peruvian jungle, laws relating to bilingual education, and sample pages of the 1977 curriculum. (JK)

The Palgrave Handbook of Sociocultural Perspectives on Global Mental Health

Since 1932 the University of Minnesota's General College has provided educational access and excellence for the most diverse group of students on the campus. To celebrate this work and explore the current programs and mission of the college,

GC faculty, staff, and students bring forth their perspectives examining how the college successfully contributes to intellectual growth, enhances multiculturalism, and supports student development.

English as a Global Language

Eaten by a Giant Clam

Includes a revised taxonomic outline for the Actinobacteria or the high G+C Gram positives is based upon the SILVA project as well as a description of greater than 200 genera in 49 families. Includes many medically and industrially important taxa.

[ROMANCE](#) [ACTION & ADVENTURE](#) [MYSTERY & THRILLER](#) [BIOGRAPHIES & HISTORY](#) [CHILDREN'S](#) [YOUNG ADULT](#) [FANTASY](#) [HISTORICAL FICTION](#) [HORROR](#) [LITERARY FICTION](#) [NON-FICTION](#) [SCIENCE FICTION](#)