

2017 Medical Provider Directory Emi Health

For over 10 years, while caring for more than 20,000 patients, Dr. Ken Berry has been researching the medical myths and outright lies told to patients by their doctors. From lies about the foods you should eat, to the medications you should take, you will be shocked at how little science backs up what your doctor has been telling you. Doctors often base advice they give you on no research at all. Prescription choices are frequently made based on a drug ad your doctor saw, or on tainted data given to him by a drug-rep from the drug company itself. Your doctor has been marketed to, sampled with, and threatened by big-food, big-pharma, and big-government for so long that his advice might actually be dangerous to your health. Now you have a resource for dissecting the lies from the truth. --

"The author, a physician, draws on his long and varied experiences... His selection of cases and detailed descriptions of the environments in which they unfold clearly convey his values and a humanistic approach to patient care. ...provides an excellent critique of thoughtless adoption of technology in clinical medicine, and offers suggestions on how to incorporate humanism into the technology development and implementation process...recommended"—Choice Medicine is an ancient profession that advances as each generation of practitioners passes it down to the next. It remains a distinguished, flawed and rewarding vocation—but it may be coming to an end as we know it. Computer algorithms promise better access, safer therapies and more predictable outcomes. Technology reduces costs, designs more effective and personalized treatments and diminishes fraud and waste. Balanced against these miraculous developments is the risk that medical professionals will forget their primary responsibility is to their patients, not to a template of care. Written for anyone who has considered a career in health care—and for any patient who has had an office visit where a provider spent more time doing data-entry than examining them—this book weighs the benefits of emerging technologies against the limitations of traditional systems to envision a future where both doctors and patients are better-informed consumers of health care tools.

Tropical emerging diseases pose a significant risk for the circulation of old and new pathogens in areas previously unknown, also implying the possibility of new morbidities and mortalities and new consequences for naïve populations. Globalization, migration and travel are key factors for tropical diseases, and represent the need for integration of tropical medicine, travel medicine and epidemiology in the understanding of such complex situations. Neglected tropical diseases such as leprosy or Chagas disease, HIV, Ebola, and arenaviral infections are just a few examples. This book tries to update significant epidemiological and clinical research in many aspects with a multinational perspective.

Abortion is one of the most common of all medical procedures. But it is still stigmatized, ʼand all too often people do not feel they can talk about their experiences. Making abortion illegal or hard to access doesnʼt make it any less common; it just makes it dangerous. Around the world, tens of thousands of women die from unsafe abortions every year. People who support abortion rights have been fighting hard to create a world in which the right to access safe and legal abortion services is guaranteed. The opposition to this has been intense and sometimes violent, and victories have been hard won. The long fight for abortion rights is being picked up by a new generation of courageous, creative and passionate activists. This book is about the history, and the future, of that fight.

Social and Psychological Perspectives

Student Perspectives on English-Medium Instruction

Evidence-Based Patient Care for Adolescents to Older Adults

Implementations and Classroom Practices in Taiwan

Current Topics in Tropical Emerging Diseases and Travel Medicine

Language and Identity in the Arab World

This book illustrates the significance of biomedical engineering in modern healthcare systems. Biomedical engineering plays an important role in a range of areas, from diagnosis and analysis to treatment and recovery and has entered the public consciousness through the proliferation of implantable medical devices, such as pacemakers and artificial hips, as well as the more futuristic technologies such as stem cell engineering and 3-D printing of biological organs. Starting with an introduction to biomedical engineering, the book then discusses various tools and techniques for medical diagnostics and treatment and recent advances. It also provides comprehensive and integrated information on rehabilitation engineering, including the design of artificial body parts, and the underlying principles, and standards. It also presents a conceptual framework to clarify the relationship between ethical policies in medical practice and philosophical moral reasoning. Lastly, the book highlights a number of challenges associated with modern healthcare technologies.

Conducting Polymer-Based Nanocomposites: Fundamentals and Applications delivers an up-to-date overview on cutting-edge advancements in the field of nanocomposites derived from conjugated polymeric matrices. Design of conducting polymers and resultant nanocomposites has instigated significant addition in the field of modern nanoscience and technology. Recently, conducting polymer-based nanocomposites have attracted considerable academic and industrial research interest. The conductivity and physical properties of conjugated polymers have shown dramatic improvement with nanofiller addition. Appropriate fabrication strategies and the choice of a nanoreinforcement, along with a conducting matrix, may lead to enhanced physicochemical features and material performance. Substantial electrical conductivity, optical features, thermal stability, thermal conductivity, mechanical strength, and other physical properties of the conducting polymer-based nanocomposites have led to high-performance materials and high-tech devices and applications. This book begins with a widespread impression of state-of-the-art knowledge in indispensable features and processing of conducting polymer-based nanocomposites. It then discusses essential categories of conducting polymer-based nanocomposites such as polyaniline, polypyrrole, polythiophene, and derived nanomaterials. Subsequent sections of this book are related to the potential impact of conducting polymer-based nanocomposites in various technical fields. Significant application areas have been identified for anti-corrosion, EMI shielding, sensing, and energy device relevance. Finally, the book covers predictable challenges and future opportunities in the field of conjugated nanocomposites. Integrates the fundamentals of conducting polymers and a range of multifunctional applications Describes categories of essential conducting polymer-based nanocomposites for polyaniline, polypyrrole, polythiophene, and derivative materials Assimilates the significance of multifunctional nanostructured materials of nanocomposite nanofibers Portrays current and future demanding technological applications of conjugated polymer-based nanocomposites, including anti-corrosion coatings, EMI shielding, sensors, and energy production and storage devices

The first major book to examine ancient Christian literature on hell through the lenses of gender and disability studies Throughout the Christian tradition, descriptions of hell's fiery torments have shaped contemporary notions of the afterlife, divine justice, and physical suffering. But rarely do we consider the roots of such conceptions, which originate in a group of understudied ancient texts: the early Christian apocalypses. In this pioneering study, Meghan Henning illuminates how the bodies that populate hell in early Christian literature—largely those of women, enslaved persons, and individuals with disabilities—are punished after death in spaces that mirror real carceral spaces, effectually criminalizing those bodies on earth. Contextualizing the apocalypses alongside ancient medical texts, inscriptions, philosophy, and patristic writings, this book demonstrates the ways that Christian depictions of hell intensified and preserved ancient notions of gender and bodily normativity that continue to inform Christian identity.

This volume offers research-based studies on English for Specific Purposes in higher education from across the world. By drawing on international studies, the book brings together diverse ESP practices and aspects of relevant issues in the development of ESP programs, teachers and learners in a coherent fashion. There is a growing need for undergraduate students to develop their proficiency of ESP skills and knowledge in the increasingly globalized world. Knowledge of ESP is an important factor in subject matter learning by students, and also closely related to the performance of university graduates in the relevant sectors. Careful planning and efficient implementation are essential to ensure the quality of the language learning process. For a variety of reasons, it proves difficult to maintain ESP instruction in higher education. These reasons include the incompetence of teachers, lack of materials for that specific context, as well as lack of opportunities for ESP teachers to develop their skills. The chapters in this book, taken from a wide variety of countries, shed light on the diversity of current practices and issues surrounding ESP.

English Medium Instruction Practices in Vietnamese Universities

My Body My Choice

Phosphor Handbook

Institutional, Practitioner and Student Perspectives

Fundamentals and Applications

TELEMEDICINE TECHNOLOGY AND APPLICATIONS (MHEALTH, TELEHEALTH AND EHEALTH)

Long regarded as the undisputed leading text of its kind, Miller's Basics of Anesthesia provides comprehensive yet concise coverage of both basic science and clinical topics in anesthesiology. Under the experienced editorial leadership of Dr. Manuel C. Pardo, Jr., the 8th Edition has been meticulously updated to reflect the latest advances in practice and important aspects of contemporary anesthesia care, including pathophysiology, pharmacology, regional anesthesia, anesthetic management, and special problems and patient groups. It remains the first learning resource of choice for anesthesia providers, including anesthesia residents and fellows, medical students, and student registered nurse anesthetists, and is also a valuable review tool for practitioners undergoing maintenance of certification or recertification. Features a reader-friendly format with color-coded section tabs, easy-to-read chapters in a concise writing style, and rich color patterns in every chapter for quick navigation. Contains new chapters on Clinician Well-Being, Perioperative Point-of-Care Ultrasound, Environmental Impact of Anesthetics, and Perioperative Medicine. Covers key topics such as anesthesia neurotoxicity, palliative care, sleep medicine, trauma, and much more. Includes high-quality images that offer a detailed visual understanding of complex topics, while numerous figures and tables condense material for easier retention and review. Shares the knowledge and experience of renowned anesthesia expert Dr. Manuel C. Pardo, Jr. and a team of more than 80 global contributing authors. Serves both as an initial learning resource and a useful tool for solidifying the essential "must know information and reviewing core knowledge for maintenance of certification. This book offers a window into student perceptions of English-Medium Instruction (EMI), building on research from an Italian university to provide a better understanding of attitudes toward EMI in Europe and future directions for cross-country comparative research. The volume provides context on the current situation with EMI in Italy, unpacking debates around the tensions between the increased competitiveness it brings at the higher education level with the potential detrimental impact of English on local language practices. Seeking to introduce a counterpoint to existing research on lecturer experiences, Guarda draws on a wide range of data, from online questionnaires to semi-structured interviews and a focus group, to showcase perceptions on EMI from students enrolled in English-Taught Programmes at the University of Padova over a two-year period. The resulting insights contribute to the current literature on EMI toward creating a clearer and more holistic picture of the advantages and challenges of learning through English and implications for quality improvement measures for EMI implementation in Italy, Europe and beyond. This book will be of interest to scholars in English-Medium Instruction and applied linguistics, especially to those working on issues around language policy, bilingual education and the internationalisation of higher education.

This collection brings together insights from research and scholars' practical experience on the role of language and language use in teacher practices at the university level in EMI contexts, offering global perspectives across diverse educational settings. The volume considers the language-related practices, processes and ways of thinking implemented in EMI contexts as teachers and students co-construct meaning through interaction while also situating these observations within the wider educational policies of institutions, societal norms and contextual pedagogies. The book highlights both the diversity and commonalities of the challenges and opportunities in enhancing student experience in different EMI contexts, drawing on international perspectives spanning South America, Europe and Asia. In so doing, the volume offers a comprehensive portrait of the current realities of the EMI experience at the university level, empowering stakeholders to critically reflect upon and adapt their classroom strategies to their own realities and chart new directions for research in the field. The book will be of particular interest to scholars interested in issues in English-medium instruction, applied linguistics, language policy and language education, as well as those currently teaching in EMI contexts.

We can all point to random examples of innovation inside of healthcare information technology, but few repeatable processes exist that make innovation more routine than happenstance. How do you create and sustain a culture of innovation? What are the best practices you can refine and embed as part of your organization's DNA? What are the potential outcomes for robust healthcare transformation when we get this innovation mystery solved? Loaded with numerous case studies and stories of successful innovation projects, this book helps the reader understand how to leverage innovation to help fulfill the promise of healthcare information technology in enabling superior business and clinical outcomes.

Physician Mental Health and Well-Being

A Comprehensive Textbook for Africa

Handbook of Practical Second Language Teaching and Learning

Gender, Disability, and the Invention of Damned Bodies in Early Christian Literature

Research Anthology on Reliability and Safety in Aviation Systems, Spacecraft, and Air Transport

Conducting Polymer-Based Nanocomposites

This authoritative volume is a practical, comprehensive, and state-of-the-art overview of current knowledge of learning and second and foreign language teaching and learning. Thorough and reader-friendly, the Handbook is organized logically into six parts that address all major areas of L2/FL teaching and learning: Part I: Learning Contexts and Language Teaching covers the diverse populations of language learners, their needs, and the challenges they face Part II: Curriculum and Instruction addresses curriculum and materials design, and includes exemplars of instructional approaches with wide applicability across contexts Part III: Listening and Speaking overviews listening pedagogy, speaking skills, and pronunciation, among other key topics Part IV: Reading and Writing includes chapters on all practical matters related to learning to write in another language, with attention to spelling, orthography, extensive reading, and more Part V: Vocabulary and Grammar discusses assumptions and practical approaches on vocabulary and grammar instruction, with attention to important topics such as academic writing and multword expressions Part VI: Intercultural Communication and Pragmatics concludes the Handbook with an examination of language learning across social, cultural, and regional differences Bringing together leading experts in the field, the contributors offer important perspectives on major, established, and emerging topics. Each chapter overviews important developments, key research, and considerations and applications for effective second language instruction. A well-rounded, readable, and up-to-date resource, the Handbook is a compendium of the ongoing changes, innovations, and practices in L2/FL teaching and learning. It is an essential resource for students, teachers, faculty, and professionals.

Medical Textiles from Science and Technology to Consumer Goods: A Comprehensive Textbook covers the fundamentals, production methods, processing techniques, characteristics, properties and applications of medical textile materials from natural resources. Medical textiles offer a variety of technical and functional properties valued in medical and healthcare sectors, often relating to hygiene. As medical textile products remain in close contact with the human body, the fibres must have characteristics such as biological compatibility, biological degradability, permeability and nontoxicity. Only materials from natural renewable sources have such characteristics. This book provides the latest information on a wide range of medical applications, from single suture and wound dressings, to implants and tissue scaffolds. It also offers a systematic review of the manufacture, properties and applications of technical textiles for medical use. Explains the latest technologies related to fibre extraction from natural sources, chemical treatments, weave constructions, fabric finishes and coatings. Describes innovative applications of nanomaterials in the treatment of textile fabric and the utilization of carboxylated polymers in the preparation of nanoparticles deposited in nonwoven fabrics. Helps product designers to find appropriate materials from natural resources with the characteristics of biodegradability, renewability, biocompatibility and nontoxicity.

"I was thrilled to see content that focuses on quality improvement, patient safety, interprofessional collaboration, care coordination, and other content that supports the role of the AGNP as a clinical leader and change agent. The authors give these topics the attention that they deserve, with clear, insightful guidance and importantly, the evidence base. The chapters that address roles (including during disasters!), settings of care, billing, and medication use address salient issues that will help the fledgling AGNP to hit the ground running and the seasoned AGNP to keep current. --Marie Boltz, PhD, GNP-BC, FGSA, FAAN Elouise Ross Eberly and Robert Eberly Endowed Professor Toss and Carol Nese College of Nursing, Penn State University From the Foreword Written for Adult-Gerontology Primary Care Nurse Practitioners, faculty, and students, this primary text encompasses the full scope of AGNP primary care practice across multiple healthcare settings including telehealth. The text emphasizes the best available evidence to promote person-centered care, quality improvement of care, interprofessional collaboration, and reducing healthcare costs. The text delivers timely information about current healthcare initiatives in the U.S., including care coordination across the healthcare continuum, interprofessional collaboration, and accountable care organizations. Disease-focused chapters contain general and specific population-based assessment and interprofessional care strategies to both common and complex health issues. They offer consistent content on emergencies, relevant social determinants of health, and ethical dilemmas. The text also prepares students for the administrative aspects of practice with information on the physical exam, medications, billing, coding, and documentation. Concise, accessible information is supported by numerous illustrations, learning objectives, quality and safety alerts, clinical pearls, and case studies demonstrating best practice. A robust ancillary package includes an Instructor's Manual with case studies and teaching guides, a Test Bank reflective of clinical situations and patient conditions, PowerPoints covering key concepts, and an Image Bank of skin conditions and other figures. Key Features: Covers several key courses in the curriculum for ease of teaching/learning Embraces a broad population focus addressing specific care needs of adolescents through older adults Facilitates safe care coordination and reinforces best practices across various health care settings including telehealth Fosters understanding, diagnosis, and management of patients with multimorbid conditions Incorporates evidence-based practice information and guidelines throughout, to ensure optimal, informed patient care A robust ancillary package includes an Instructor's Manual, a Test Bank, PowerPoints, and an Image Bank.

This book broadly covers a scope of the latest advances for the development of artificial intelligence systems and their applications in various fields from medicine and technology to education. The proceedings comprise refereed papers presented at the Fifth International Conference of Artificial Intelligence, Medical Engineering, and Education (AIMEE2021), which took place at the Mechanical Engineering Institute of the Russian Academy of Sciences, Moscow, Russia, on 1-3 October 2021. Given the rapid development of artificial intelligence systems, the book emphasizes the need for the intensification of training of a growing number of relevant specialists, in particular, in medical engineering to increase the effectiveness of medical diagnosing and treatment. In digital artificial intelligence systems, scientists endeavour to reproduce the innate intellectual abilities of humans and other organisms, and the in-depth study of genetic systems and inherited biological processes can provide new approaches to create more and more effective artificial intelligence methods. Topics of the included papers concern thematic materials in the following sphere: mathematics and biomathematics; medical approaches; technological and educational approaches. The book is a compilation of cutting-edge research papers in the field, covering a comprehensive range of subjects that are relevant to business managers and engineering professionals alike. The breadth and depth of these proceedings make them an excellent resource for asset management practitioners, researchers, and academics, as well as undergraduate and postgraduate students who are interested in artificial intelligence, bioinformatics systems, also their expanding applications. The intended readership includes specialists, students, and other circles of readers who would like to know where artificial intelligence systems can be applied in the future with great benefit.

Materials for Potential EMI Shielding Applications

Rethinking EMI

Handbook of Research on Multilingual and Multicultural Perspectives on Higher Education and Implications for Teaching

Biomedical Engineering and its Applications in Healthcare

Research and Practice

International Perspectives on Teacher Practice

This e-book is a compilation of papers presented at the 6th Mechanical Engineering Research Day (MERD'19) - Kampus Teknologi UTeM, Melaka, Malaysia on 31 July 2019.

*Electromagnetic Compatibility of Electric Vehicles*Springer Nature

This book explores the important topic of mental health and related problems among physicians, including trainees. The all-too-common human response of “suffering in silence” and refusing to seek help for professional and personal issues has ramifications for physicians who work in safety-sensitive positions, where clear-headed judgment and proper action can save lives. Problems covered include burnout, disruptive and unprofessional behaviors, impaired performance, traumatic stress, addiction, depression and other mood disorders, and suicide. The authors of this work include psychologists, psychiatrists, and other physicians who diagnose and treat a range of patients with stress-related syndromes. Among their patients are physicians who benefit greatly from education, support, coaching, and treatment. The book’s content is organized into three parts with interconnecting themes. Part I focuses on symptoms and how physicians’ problems manifest at the workplace. Part II discusses the disorders underlying the manifesting symptoms. Part III focuses on interventions at both the individual and organizational levels. The major themes investigated throughout the book are developmental aspects; mental health and wellbeing as a continuum; and the multifactorial contributions of individual, interpersonal, organizational, and cultural elements to physician health. This book is intended for anyone who works with, provides support to, or professionally treats distressed physicians. It is also intended for healthcare leaders and organizations that are motivated to improve the experience of providing care and to change the culture of silence, such that seeking help and counsel become normal activities while minimizing stigma. By writing this book, the authors aim to outline effective pathways to well-being and a healthy work-life balance among physicians, so that they may provide optimal and safe care to their patients.

This book presents the multiple facets of English as a Medium of Instruction (EMI) in higher education across various academic disciplines, an area that is expected to grow constantly in response to the competitive global higher education market. The studies presented were conducted in various EMI classrooms, with data collected from observing and documenting the teaching activities, and from interviewing or surveying EMI participants. Through data analysis and synthesis, cases across disciplines – from engineering, science, technology, business, social science, medical science, design and arts, to tourism and leisure service sectors – are used to illustrate the various EMI curriculum designs and classroom practices. Although the cases described are limited to Taiwanese institutions, the book bridges the gap between planning and executing EMI programs across academic domains for policy makers, administrators, content teachers, and teacher trainers throughout Asia.

Electromagnetic Compatibility of Electric Vehicle

Motherhood Experiences in/of Medicine

Novel Phosphors, Synthesis, and Applications

Overcoming Epistemic Injustice

Smart Biosensors in Medical Care

The Directory of U.S. Trademarks

This volume provides conceptual perspectives of diverging multilingual contexts, research findings, and practical applications of integrating content and language (ICL) in higher education in order to generate a new understanding of the cross-contextual variation. With contributions from leading authors based in Asia, the Middle East, and Europe, the volume offers comparison of contextualized overviews of the status of ICL across the geographic areas and allows us to identify patterns and important consideration in the endeavors to address linguistic diversity at universities, which has resulted from the growing teacher and student mobility around the world.

The COVID-19 pandemic has put massive stress on healthcare professionals' formal training, their need to do no harm, and the patient safety movement. COVID-19 affects all aspects of daily life and healthcare's organizational culture and values. Healthcare institutions experience absenteeism, change in commerce patterns, and interrupted supply/delivery in this context. It has also revealed the extensive amounts of data needed for population health management, as well as the of implementation of health IT essential in the post-pandemic era. Quality of Healthcare in the Aftermath of the COVID-19 Pandemic clarifies how healthcare professionals might provide their services differently than treating a patient through its vicinity with multiple providers. It examines the notion that healthcare education requires a pack of healthcare workers from varied educational backgrounds and training levels for the nuances of a disease. Covering topics such as blockchain in healthcare, undergraduate and extended degree program students, graduate students of healthcare quality and health services management, healthcare managers, health professionals, researchers, professors, and academicians.

A benchmark publication, the first edition of the Phosphor Handbook, published in 1998, set the standard for references in the field. The second edition, updated and published in 2007, began exploring new and emerging fields. However, in the last 14 years, since the second edition was published, many notable advances and broader phosphor applications have occurred. Completely revised, updated, and expanded into three separate volumes, this third edition of the Handbook covers volume on Novel Phosphors, Synthesis, and Applications' provides the descriptions of synthesis and optical properties of phosphors used in different applications, including the novel phosphors for some newly developed applications. The chapters in this book cover: Various LED-based phosphors and their synthesis and applications Ingenious integrated smart phosphors and their novel optoelectronic and photonic devices Quantum dot, single crystalline, and glass phosphors Covering Special phosphors for laser, OLED, energy storage, quantum cutting, thermometry, photosynthesis, AC-driven LED, and solar cells

This interdisciplinary anthology contributes to the contemporary dialogues about motherhood/mothering drawing attention to the experiences of motherhood/mothering both within medical practice as physicians as well as highlighting motherhood/mothering experiences of medicine, examining both mothers as patients themselves and with their children as patients. As medical schools steadily increase the number of women studying medicine, research on mothers in medical practice that shape and define the identities within medicine. How does the increase of women as mothers practicing medicine affect the outcomes of mothers as patients? Does birthing your own child impact your practice? Does knowing your physician or your child's physician is a mother affect your experience as a patient or that of your child's? The edited volume will explore how relationships between motherhood/mothering experiences in/of medicine are presently being theorized, retheorized, and unites essays as well as creative submissions that engage with the issue of motherhood experiences in/of medicine, including works of fiction and creative non-fiction in addition to traditional academic writing, allowing an open and innovative space for critical discussion.

Fulfilling the Promise of Information Technology in Healthcare

Medical Myths That Can Harm Your Health

Processing, Properties and Current Trends

Miller's Basics of Anesthesia

Key Issues in English for Specific Purposes in Higher Education

Recent progress in the fields of Electrical and Electronic Engineering has created new application scenarios and new Electromagnetic Compatibility (EMC) challenges, along with novel tools and methodologies to address them. This volume, which collects the contributions published in the “Electromagnetic Interference and Compatibility” Special Issue of MDPI Electronics, provides a vivid picture of current research trends and new developments in the rapidly evolving, broad area of EMC, including contributions on EMC issues in digital communications, power electronics, and analog integrated circuits and sensors, along with signal and power integrity and electromagnetic interference (EMI) suppression properties of materials.

Digital Instruction to Higher Education in a Globalized Economy. English as a medium of instruction (EMI) has been gaining popularity in tertiary education in non-native English-speaking (NNES) countries. Institute-wide EMI implementation has often been imposed by top-down decisions, in combination with the optimistic view that the horse should always be placed before the cart. However, emerging evidence suggests that the delivery of such programs to NNES students has led to new pedagogical challenges and learning problems that go beyond the scope of language learning and teaching and deserve immediate attention. For example, how would an instructor respond to situations in which students' learning of content is compromised by their limited language proficiency? This book draws on the current practice of EMI in diverse disciplines and university settings and examines how these new pedagogical and learning issues can be addressed. The discussion also involves a reflection on the essence of EMI in relation to the use of the first language (L1) as the medium of instruction in tertiary education. In addition, the book includes discussion about how to ensure and maintain the quality of EMI programs and assess the readiness of stakeholders for such programs, which include administrators, teachers, and students. The discussion is led by experienced practitioners in Hong Kong and Taiwan, where the majority of students are native Chinese speakers, in the hope of developing critical perspectives and practical guidelines as references for EMI in other NNES settings. “The Open Access version of this book, available at http://www.taylorfrancis.com/books/eISBN, has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 4.0 license.

This book focuses on English as a Medium of Instruction practices in higher education in Vietnam, addressing institutional, practitioner and student perspectives. It presents theoretical standpoints and empirical experiences of how institutional policies are enacted in the offering of English as a Medium of Instruction programs in universities in Vietnam, and how the disciplinary content is taught and learned through English. The book showcases the enactment of curricular and pedagogical practices in the classroom, drawing on a range of different disciplines central to university education. It also explores the roles of mother tongues in the construction of disciplinary knowledge in English as a Medium of Instruction programs and courses. This book provides guidance and practical information for university English as a Medium of Instruction policy makers, lecturers and student support teams in English for academic purposes across disciplines, as well as to the theoretical framing of the English as a Medium of Instruction field itself.

Language and Identity in the Arab World explores the inextricable link between language and identity, referring particularly to the Arab world. Spanning Indonesia to the United States, the Arab world is here imagined as a continually changing one, with the Arab diaspora asserting its linguistic identity across the world. Crucial questions on transforming linguistic landscapes, the role and implications of migration, and the impact of technology on language use are explored by established and emerging scholars in the field of applied and socio-linguistics. The book asks such crucial questions as how language contact affects or transforms identity, how language reflects changing identities among migrant communities, and how language choices contribute to identity construction in social media. As well as appreciating the breadth and scope of the Arab world, this anthology focuses on the transformative role of language within indigenous and migrant communities as they negotiate between their heritage languages and those spoken by the wider society. Investigating the ways in which identity continues to be imagined and re-constructed in and among Arab communities, this book is indispensable to students, teachers, and anyone who is interested in language contact, linguistic landscapes, and minority language retention as well as the intersections of language and technology.

Insights from an Italian University

Theories, Frameworks and Implementation in Higher Education

English-Medium Instruction Translanguaging Practices in Asia

English as a Medium of Instruction in Higher Education

Advances in Artificial Systems for Medicine and Education V

Technology and the Doctor-Patient Relationship

The relentless advances in all areas of information and communication technology, intelligent systems, and related domains have continued to drive innovative research. Most of these works have attempted to contribute in some form towards improving human life in general and have become indispensable elements of our day-to-day lives. The evolution continues at an accelerated pace while the world faces innumerable challenges and rapid advances in artificial intelligence, wireless communication, sensors, cloud and edge computing, and biomedical sciences. These advances must be documented and studied further in order to ensure society's continual development. The Handbook of Research on Evolving Designs and Innovation in ICT and Intelligent Systems for Real-World Applications disseminates details of works undertaken by various groups of researchers in emerging areas related to information and communication technology, electronics engineering, intelligent systems, and allied disciplines with real-world applications. Covering a wide range of topics such as augmented reality and wireless sensor networks, this major reference work is ideal for industry professionals, researchers, scholars, practitioners, academicians, engineers, instructors, and students.

Smart Biosensors in Medical Care discusses the characteristics of biosensors and their potential applications in healthcare. This book is aimed at professionals, scientists and engineers who are interested in integrating biosensors into medical care systems for patients. It also provides fundamental and foundational knowledge for undergraduate and post graduate students. The book presents a comprehensive view of up-to-date requirements in hardware and communication, offers future perspectives on next-generation medical care systems, and includes global case studies of recent system operations in healthcare. Sections cover smart biosensors, such as wearable, implantable, patch based, and enzyme based for medical care. Advances in ubiquitous sensing applications for healthcare is a series which covers new systems based on ubiquitous sensing for healthcare (USH). Volumes in this series cover a wide range of interdisciplinary areas, including wireless sensors networks, wireless body area networks, Big data, Internet-of-Things (IoT), security, monitoring, real time data collection, data management, systems design/analysis, and much more. Covers the basics of biosensor based medical care data analysis and management Discusses data transmission techniques, presenting applications with extensive studies for biosensor based medical healthcare systems Offers solutions to the challenges of designing biosensor based medical healthcare systems

The second, fully updated edition of this book applies and contextualizes up-to-date information on pediatric surgery for low and middle-income countries (LMICs). The book is organized in general anatomic and thematic sections within pediatric surgery, such as urology, oncology, orthopedics and gastroenterology and includes chapters addressing the unique challenges and approaches for pediatric surgery in low-resource settings. Each chapter has dual authorship LMIC author providing context-specific insights and authors from high-income countries (HICs) contributing experience from well-resourced settings. Written in a reader-friendly format, this book has a uniform structure in each chapter, with introduction, demographics, etiology, pathophysiology, clinical presentations, investigations, management, outcome, prevention, ethics, evidence-based surgery and references. This comprehensive volume fills the gap between up-to-date pediatric surgical scholarship and knowledge developed and applied in HICs, and the practical needs of practitioners in low-resource settings. This is an indispensable guide for postgraduate surgical trainees in Africa and other LMICs as well as general surgeons practicing in Africa and other LMICs, who need to care surgically for children.

Multilingualism, multiculturalism, and internationalization in higher education is a contemporary reality worldwide. Because of the importance of multilingualism in learning policy, special professional and education training should be provided both to teachers and students. Multilingual education can promote linguistic and cultural diversity, inclusion, and social development. The Handbook of Research on Multilingual and Multicultural Perspectives on Higher Education and Implications for Teaching focuses on both top-down and bottom-up perspectives on multilingual and multicultural education based on conceptual and empirical studies. This book provides evidence in support of sustainable multilingualism and multiculturalism in higher education. Covering topics such as dialectic teaching, multilingual classrooms, and teacher education, this major reference work is an essential resource for pre-service teachers, educators of higher education, language policy experts, university administration, scholars, linguists, researchers, and academicians.

Textbook of Adult-Gerontology Primary Care Nursing

Pediatric Surgery

Voices of Innovation

Gale Directory of Databases

Hell Hath No Fury

Lies My Doctor Told Me

Materials for Potential EMI Shielding Applications: Processing, Properties and Current Trends extensively and comprehensively reviews materials for EMI shielding applications, ranging from the principles to possible applications and various types of shielding materials. The book provides a thorough introduction to electromagnetic interference, its effect on both the environment and other electronic items, various materials that are used for electromagnetic interference shielding applications, and its properties. It explains the mechanism behind EMI shielding, the methods by which EMI SE of a given material is estimated, and the different fabrication methods currently employed for fabricating EMI shielding materials. Final sections focus on the theoretical background of EMI shielding and shielding mechanisms. This theoretical background is extended to the physics of EMI shielding, wherein the physics behind mechanism of shielding is explained. Focuses on the different types of available EMI shielding, their applications, processing, characterization, and the mechanism behind their shielding Discusses how to incorporate EMI shielding with low cost, low density and high strength Provides an understanding and clarifies both elementary and practical problems relating to EMI shielding materials

This book examines translanguaging pedagogy in Asia's English-medium instruction (EMI) higher education. It presents an overview of concepts and common issues, and case studies from specific contexts in Asia. The book first interrogates macro-level English-medium instruction policies and implementation from English as a lingua franca (ELF) perspectives. Following this, implications of English as a lingua franca on English-medium instruction pedagogy will be explored, with a theoretical framework of 'translanguaging pedagogy' developed. The book concludes with a discussion on translanguaging and how the concept contributes to English-medium instruction in Asia. Through the book, the content focuses on the specificity of each Asian English-medium instruction context from a translanguaging lens. English-medium instruction policies and translingual practices from China, Japan, Taiwan, Thailand, and Vietnam are explored, and opportunities and challenges related to translanguaging pedagogy in Asian English-medium instruction classrooms are examined.

This book introduces the electromagnetic compatibility(EMC) of electric vehicle(EV), including EMC of the whole vehicle, electromagnetic interference(EMI) prediction and suppression of motor drive system, EMI prediction and suppression of DC-DC converter, electromagnetic field safety and EMC of wireless charging system, signal integrity and EMC of the vehicle controller unit(VCU), EMC of battery management system(BMS), electromagnetic radiated emission diagnosis and suppression of the whole vehicle, etc. The analysis method, modeling and simulation method, test method and rectification method of EMC are demonstrated. The simulation and experimental results are presented as tables and figures. This book is useful as reference for graduate students, senior undergraduates and engineering technicians of vehicle engineering related majors. For EMI prediction, suppression and EMC optimization design for EVs, this book provides reference for engineers to solve EMC problems. This book is intended for senior undergraduates, postgraduates, lecturers and laboratory researchers engaged in electric vehicle and electromagnetic compatibility research.

As with other transportation methods, safety issues in aircraft can result in a total loss of life. Recently, the air transport industry has come under immense scrutiny after several deaths occurred due to aircraft design and airlines that allowed improperly inspected aircraft to fly. Spacecraft too have found errors in system software that could lead to catastrophic failure. It is imperative that the aviation and aerospace industries continue to revise and refine safety protocols from the construction and design of aircraft, to secure and improve aviation systems, and to test and inspect aircraft. The Research Anthology on Reliability and Safety in Aviation Systems, Spacecraft, and Air Transport is a vital reference source that examines the latest scholarly material on the use of adaptive and assistive technologies in aviation to establish clear guidelines for the design and implementation of such technologies to better serve the needs of both military and civilian pilots. It also covers new information technology use in aviation systems to streamline the cybersecurity, decision making, planning, and design processes within the aviation industry. Highlighting a range of topics such as air navigation systems, computer simulation, and airline operations, this multi-volume book is ideally designed for pilots, scientists, engineers, aviation operators, air traffic controllers, air crash investigators, teachers, academicians, researchers, and students.

Integrating Content and Language in Multilingual Universities

Multidisciplinary Perspectives from Chinese-Speaking Regions

Electromagnetic Interference and Compatibility

Proceedings of Mechanical Engineering Research Day 2019

Quality of Healthcare in the Aftermath of the COVID-19 Pandemic

The Medical Directory

This volume draws together cutting edge research from the social sciences to find ways of overcoming the unconscious prejudice that is present in our everyday decisions, a phenomenon coined by the philosopher Miranda Fricker as 'epistemic injustice'.

Having now come of age, telemedicine has the potential of having a greater impact on the future of medicine than any other modality. Telemedicine, in the final analysis, brings reality to the vision of an enhanced accessibility of medical care and a global network of healthcare, which was not even imagined two decades ago. Today, the field of telemedicine has expanded rapidly and is likely to assume greater importance in healthcare delivery in the coming times. To address the developing trend of telemedicine applications in both urban and rural areas throughout the world, this book has been designed to discuss different technologies which are being applied in the field of telemedicine and their applications including advances in wireless technologies, the use of fibre optics in telecommunication, availability of broadband Internet, digital imaging technologies and compressed video techniques that have eliminated the problems of telemedicine and also reduced the cost.

Starting with the basic hospital based telemedicine system and leading to mHealth, teleHealth and eHealth, the book covers as to how various physiological signals are acquired from the body, processed and used for monitoring the patients anywhere anytime. The book is primarily intended for undergraduate and postgraduate students of Biomedical Engineering, Biomedical Instrumentation, Computer Science and Information Technology and Hospital Management and Nursing. KEY FEATURES • Covers all aspects of telemedicine technology, including medical devices, telecommunications, networking and interfacing techniques • Provides step-by-step coverage on how to set up a telemedicine centre • Includes broad application areas of telemedicine • Covers essentials of telemedicine including mHealth, eHealth and teleHealth • Provides abbreviations/acronyms and glossary of commonly used terms in telemedicine

From Band-Aids to Scalpels

Handbook of Research on Evolving Designs and Innovation in ICT and Intelligent Systems for Real-World Applications

Language Use in English-Medium Instruction at University

Medical Textiles from Natural Resources

The Fight for Abortion Rights