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Best Practices in Access Services Lori L. Driscoll 2014-06-11 Access Services departments in libraries have become highly complex organizations responsible for a broad range of functions, often including circulation, reserves, interlibrary lending and borrowing, document delivery, stacks maintenance, building security, photocopying, and providing general patron assistance. This book offers effective solutions to familiar problems, fresh ideas for responding to patron needs, and informed speculation on new trends and issues facing access services departments. This book was originally published as a special issue of the Journal of Access Services.

The Failures of Public Art and Participation Cameron Cartiere 2022-08-25 This collection of original essays takes a multi-disciplinary approach to explore the theme of failure through the broad spectrum of public art and social practice. The anthology brings together practicing artists, curators, activists, art writers, administrators, planners, and educators from around the world to offer differing perspectives on the many facets of failure in commissioning,

planning, producing, evaluating, and engaging communities in the continually evolving field of art in the public realm. As such, this book offers a survey of currently unexplored and interconnected thinking, and provides a much-needed critical voice to the commissioning of public and participatory arts. The volume includes case studies from the UK, the US, China, Cuba, and Denmark, as well as discussions of digital public art collections. The Failures of Public Art and Participation will be of interest for students and scholars of visual arts, design and architecture interested in how art in the public realm fits within social and political contexts.

The "Hidden" Prehistory of European Research Networking Olivier Martin 2012-06-18 The main purpose of this book, which mostly covers the period 19841993, is about the history of European research networking. In particular, it strives to throw some light on some lesser known, sometimes forgotten, aspects of the European research networking history, as the EARN and EASInet initiatives from IBM but also DEC (EARN/OSI), thanks to operational pan-European networks, which were built during the period 19841990 thus allowing the start of operational European academic and research networking services in a very effective and swift manner. A secondary purpose of this article is to make a critical assessment of the political and technical achievements of the European NRENs and especially those of DANTE, the company set up by these same NRENs to build and operate a pan-European backbone interconnecting their national networking infrastructures as well as establishing international connections to other NRENs worldwide.

The Sultan's Anthologist - Ibn Abi Hagalah and His Work Nefeli Papoutsakis 2018-11-22 Born in Tlemcen and educated in Damascus, the fourteenth-century Arab litterateur Ibn Ab? ?a?alah (725-776/1325-1375) spent most of his adult life in Mamluk Cairo. His best-known works are Sukkard?n as-sul??n (The Sultan's Sugar Box) and D?w?n a?-?ab?bah (The Register of Passionate Love), two anthologies that he dedicated to his patron, the Mamluk Sultan ?asan, during the latter's second reign (755-762/1354-1361). A prolific author and master of the maq?m?t genre, Ibn Ab? ?a?alah also penned numerous other prose works, many of which are lost or still unedited. An acclaimed poet during his own time, he mainly composed

panegyric and religious poetry. Even though he is one of the most important litterateurs of the Mamluk era, his work has so far received little scholarly attention.

Writing and the Revolution Katie Brown 2019-06-25 In contrast to recent theories of the 'global' Latin American novel, this book reveals the enduring importance of the national in contemporary Venezuelan fiction, arguing that the novels studied respond to both the nationalist and populist cultural policies of the Bolivarian Revolution and Venezuela's literary isolation. The latter results from factors including the legacy of the Boom and historically low levels of emigration from Venezuela. Grounded in theories of metafiction and intertextuality, the book provides a close reading of eight novels published between 2004 (the year in which the first Minister for Culture was appointed) and 2012 (the last full year of President Chávez's life), relating these novels to the context of their production. Each chapter explores a way in which these novels reflect on writing, from the protagonists as readers and writers in different contexts, through appearances from real life writers, to experiments with style and popular culture, and finally questioning the boundaries between fiction and reality. This literary analysis complements overarching studies of the Bolivarian Revolution by offering an insight into how Bolivarian policies and practices affect people on an individual, emotional and creative level. In this context, self-reflexive narratives afford their writers a form of political agency.

Historical Outlines from Sound to Text Laurel Brinton 2017-09-25 The volume provides a comprehensive overview of the history of English and explores key questions and debates. A re-evaluation of the concept of periodization is followed by overviews of changes in the traditional linguistic areas – phonology, morphology, syntax, semantics – and chapters on prosody, idioms, fixed expressions, onomastics, orthography, register, and standardization, among others.

Noah and the Deluge: Chronological, Historical and Archaeological Evidence Gerard Gertoux

Methodologies and Use Cases on Extended Reality for Training and Education Correia, Anacleto 2022-06-24 Extended reality has been applied in training and educational settings to transform teaching and learning experiences through immersive environments. The

incorporation of extended reality into classrooms and training sessions can provide students and trainees with more meaningful learning and training experiences by increasing their motivation. Besides being able to be used in the classroom to illustrate complex concepts, simulations, and scenarios, extended reality has numerous applications in professional training to discover solutions to problems to learn how to respond to dangerous circumstances without putting their own life or the lives of others at risk. Methodologies and Use Cases on Extended Reality for Training and Education presents the forefront of research regarding the integration of extended reality in training and educational programs and establishes the foundations for course design, program development, and institutions' training and education policy planning. It provides an overall approach to extended reality in education without failing to mention applications of using extended reality in institutions of different levels of education. Covering topics such as 3D visualization, student perceptions, and laboratory virtualization, this premier reference source is a dynamic resource for instructional designers, curriculum developers, program developers, faculty and administers of both K-12 and higher education, educational software developers, educators, pre-service teachers, teacher educators, government officials, researchers, and academicians.

Climate Governance at the Crossroads Matthew J Hoffmann 2011-03-16 The global response to climate change has reached a critical juncture. Since the 1992 signing of the United Nations Framework Convention on Climate Change, the nations of the world have attempted to address climate change through large-scale multilateral treaty-making. These efforts have been heroic, but disappointing. As evidence for the quickening pace of climate change mounts, the treaty-making process has sputtered, and many are now skeptical about the prospect of an effective global response. Yet global treaty-making is not the only way that climate change can be addressed or, indeed, is being addressed. In the last decade myriad initiatives have emerged across the globe independently from, or only loosely connected to, the "official" UN-sponsored negotiations and treaties. In the face of stalemate in the formal negotiations, the world is experimenting with alternate means of responding to climate change.

Climate Governance at the Crossroads chronicles these innovations--how cities, provinces and states, citizen groups, and corporations around the globe are addressing the causes and symptoms of global warming. The center of gravity in the global response to climate change is shifting from the multilateral treaty-making process to the diverse activities found beyond the negotiating halls. These innovations are pushing the envelope of climate action and demonstrating what is possible, and they provide hope that the world will respond effectively to the climate crisis. In introducing climate governance "experiments" and examining the development and functioning of this new world of climate policy-making, this book provides an exciting new perspective on the politics of climate change and the means to understand and influence how the global response to climate change will unfold in the coming years.

An Apology for the Life of Mr Colley Cibber, Comedian and Late Patentee of the Theatre Royal David Roberts 2022-07-21 Colley Cibber was one of the most derided men in eighteenth-century London. Mocked for his work in the theatre and as Poet Laureate, he was nevertheless a prolific actor and playwright, and co-managed the Theatre Royal Drury Lane for 24 years. His response to his critics, An Apology for the Life of Mr Colley Cibber, is often described as the first theatrical autobiography, and even as the first secular autobiography in English. But what kind of text is it – intimate confession or cunning pose? History of the stage or political polemic? Rambling or purposeful? Or perhaps, even, the first celebrity memoir? Including comprehensive notes and a detailed scholarly introduction, this modernised text makes Cibber's enigmatic literary landmark accessible to a wide readership for the first time and allows both specialists and general readers to explore Cibber's extraordinary career against the rich, turbulent background of London theatre in the eighteenth century.

Positions and Polarities in Contemporary Systemic Practice Sara Barratt 2018-03-08 This book provides a rich collection of the work that has been informed by the ideas of the eminent family therapist and clinical psychologist, Dr David Campbell who died in August 2009. Contributors are drawn from different fields and describe models they have developed for organizational consultation, training,

therapy and research. The book includes a range of important topics, key ideas which thread through contemporary theoretical frameworks, a research study into young people's experience of parental mental illness, and the application of Dr Campbell's use of semantic polarity theory in supervision, research and clinical practice. The innovative consultancy model developed by David Campbell with Marianne Groenbaek is elaborated here. Personal accounts of work in different contexts include a priest consulting within his community, the use of self in training systemic psychotherapists, the experience of consultation in academic settings, and a narrative of a training course for psychiatrists. Interspersed with these chapters are David Campbell's own reflections concerning the development of his ideas and practice over time.

Best of Five MCQs for the Geriatric Medicine SCE Duncan Forsyth 2014 Best of Five MCQs for the Geriatric Medicine SCE is the first revision guide designed specifically for this new high-stakes exam. It contains 300 best of five questions with explanatory answers, each accurately reflecting the layout of questions in the exam. The book is divided into three exams for trainees to test themselves on, providing a thorough assessment of the candidate's geriatric medicine knowledge and covering all the main themes of the exam, for example, falls, dementia and delirium, palliative care, nutrition, and stroke. The explanatory answers include references to guidelines and other sources to enable candidates' further reading and study. Ideal for Geriatric Medicine Specialty Registrars, trainees revising for the Geriatric Medicine Specialty Certificate Examination or the Diploma in geriatric medicine.

The Oxford Dictionary of the Christian Church Andrew Louth 2022-02-17 Uniquely authoritative and wide-ranging in its scope, The Oxford Dictionary of the Christian Church is the indispensable reference work on all aspects of the Christian Church. It contains over 6,500 cross-referenced A-Z entries, and offers unrivalled coverage of all aspects of this vast and often complex subject, from theology; churches and denominations; patristic scholarship; and the bible; to the church calendar and its organization; popes; archbishops; other church leaders; saints; and mystics. In this new edition, great efforts have been made to increase and strengthen coverage of non-Anglican

denominations (for example non-Western European Christianity), as well as broadening the focus on Christianity and the history of churches in areas beyond Western Europe. In particular, there have been extensive additions with regards to the Christian Church in Asia, Africa, Latin America, North America, and Australasia. Significant updates have also been included on topics such as liturgy, Canon Law, recent international developments, non-Anglican missionary activity, and the increasingly important area of moral and pastoral theology, among many others. Since its first appearance in 1957, the ODCC has established itself as an essential resource for ordinands, clergy, and members of religious orders, and an invaluable tool for academics, teachers, and students of church history and theology, as well as for the general reader.

Cardinal Rafael Merry Del Val Philippe Roy-Lysencourt 2021-03-26 Rafael Merry del Val (1865-1930) was a cardinal of the Roman Catholic Church who had one of the most dazzling careers in ecclesiastical history: he was a secret supernumerary chamberlain at the age of 21, a secret participating chamberlain at the age of 26, an apostolic delegate to Canada at age 31, president of the Academy of Ecclesiastical Nobles and archbishop at age 34, secretary of state for Pius X (1903-1914) and cardinal at age 38, archpriest of St. Peter's Basilica and prefect of the Fabric of St. Peter at age 48, secretary of the Congregation of the Holy Office at age 49. In 1953, his beatification process was introduced to the Congregation for Rites. In this study, Philippe Roy-Lysencourt presents the life of this personage, his curial charges, his relations with the popes he served (Leo XIII, Pius X, Benedict XV, and Pius XI), his apostolate, his unexpected death and the furor it caused. The book includes an inventory of sources for understanding Cardinal Merry del Val's life, a list of his published writings, as well as a bibliography of the works written about him.

Archaeological Investigations of the Maldives in the Medieval Islamic Period Anne Haour 2021-12-31 This book presents pioneering research on the Indian Ocean archipelago of the Maldives in the medieval period. Primarily archaeological, the book has an interdisciplinary slant, examining the material culture, history, and environment of the islands. Featuring contributions by leading

archaeologists and material culture researchers, the book is the first systematic archaeological monograph devoted to the Maldives. Offering an archaeological account of this island-nation from the beginnings of the Islamic period, it complements and nuances the picture presented by external historical data, which identify the Maldives as a key player in global networks. The book describes excavations and surveys at a medieval site on the island of Kinolhas. It offers a comprehensive analysis of finds of pottery, glass, and cowries, relating them to regional assemblages to add valuable new data to an under-researched field. The artefacts suggest links with India, Sri Lanka, the Middle East, Arabia, central Asia, southeast Asia, and China, offering tangible evidence of wider connections. The research also evidences diet, crafts, and funerary practices. The rigorous presentation of the primary material is framed by chapters setting the context, conceptual approaches, and historical interpretation, placing the Maldives within broader dynamics of Islamic and Indian Ocean history and opening the research results to a wide readership. The book is aimed at students and researchers interested in the archaeology and history of the Indian Ocean, Islamic studies, island and coastal communities, maritime networks, and the medieval period, with special relevance for the 'Global Middle Ages'. It will appeal to art historians, archaeologists, museologists, and heritage and material culture studies researchers with related interests.

Global Resource Sharing Linda Frederiksen 2011-11-09 Written from a global perspective, this book reviews sharing of library resources on a global scale. With expanded discovery tools and massive digitization projects, the rich and extensive holdings of the world's libraries are more visible now than at any time in the past. Advanced communication and transmission technologies, along with improved international standards, present a means for the sharing of library resources around the globe. Despite these significant improvements, a number of challenges remain. Global Resource Sharing provides librarians and library managers with a comprehensive background in and summary of the issues involved in global resource sharing. Analyses current and future environments for international resource sharing, including past research and discussions Provides an

international perspective on a global library issue Includes examples of successful and innovative global resource sharing initiatives Valley of the Guns Eduardo Obregón Pagán 2018-10-11 In the late 1880s, Pleasant Valley, Arizona, descended into a nightmare of violence, murder, and mayhem. By the time the Pleasant Valley War was over, eighteen men were dead, four were wounded, and one was missing, never to be found. Valley of the Guns explores the reasons for the violence that engulfed the settlement, turning neighbors, families, and friends against one another. While popular historians and novelists have long been captivated by the story, the Pleasant Valley War has more recently attracted the attention of scholars interested in examining the underlying causes of western violence. In this book, author Eduardo Obregón Pagán explores how geography and demographics aligned to create an unstable settlement subject to the constant threat of Apache raids. The fear of surprise attack by day and the theft of livestock by night prompted settlers to shape their lives around the expectation of sudden violence. As the forces of progress strained natural resources, conflict grew between local ranchers and cowboys hired by ranching corporations. Mixed-race property owners found themselves fighting white cowboys to keep their land. In addition, territorial law enforcement officers were outsiders to the community and approached every suspect fully armed and ready to shoot. The combination of unrelenting danger, its accompanying stress, and an abundance of firearms proved deadly. Drawing from history, geography, cultural studies, and trauma studies, Pagán uses the story of Pleasant Valley to demonstrate a new way of looking at the settlement of the West. Writing in a vivid narrative style and employing rigorous scholarship, he creatively explores the role of trauma in shaping the lives and decisions of the settlers in Pleasant Valley and offers new insight into the difficulties of survival in an isolated frontier community.
Print Culture Histories Beyond the Metropolis James J. Connolly 2016-04-06 Bringing together leading scholars of literature, history, library studies, and communications, Print Culture Histories Beyond the Metropolis rejects the idea that print culture necessarily spreads outwards from capitals and cosmopolitan cities and focuses attention to how the residents of smaller cities, provincial districts, rural

settings, and colonial outposts have produced, disseminated, and read print materials. Too often print media has been represented as an engine of metropolitan modernity. Rather than being the passive recipients of print culture generated in city centres, the inhabitants of provinces and colonies have acted independently, as jobbing printers in provincial Britain, black newspaper proprietors in the West Indies, and library patrons in "Middletown," Indiana, to mention a few examples. This important new book gives us a sophisticated account of how printed materials circulated, a more precise sense of their impact, and a fuller of understanding of how local contexts shaped reading experiences.

Handbook of Research on Sustainable Development Goals, Climate Change, and Digitalization Castanho, Rui Alexandre 2021-11-12 In recent years, the world has been changing considerably. Within the many obstacles, barriers, and opportunities, three significant challenges should be considered for the future planning of our territories and cities: seeking to achieve Sustainable Development Goals (SDG), facing climate change, and performing a shift towards digitalization. Considering these three challenges, we can work toward a more sustainable future for the environment. The Handbook of Research on Sustainable Development Goals, Climate Change, and Digitalization elaborates on sustainability issues in the planning and development field regarding the environment. This text promotes understanding about the dynamics, challenges, and opportunities for the new decade regarding our common future planning. Covering topics such as circular economy, economic-ecological principles, and sustainable resilience, this book is essential for academicians, researchers, policymakers, environmentalists, scientists, technicians, decision makers, practitioners, and students.

Individual and Contextual Factors in the English Language Classroom Rahma Al-Mahrooqi 2022-03-22 This edited volume examines a number of topics related to the roles of individual and contextual factors in English as second or foreign language (ESL/EFL) settings by presenting chapters across the three sections of theoretical and pedagogical approaches, teacher and learner research, and research into the roles of technology. The book has a focus on practical actions and recommendations related to individual and contextual factors in

ESL/EFL, with a specific concern with issues of cognition, metacognition, emotion, and identity, and offers perspectives from a diverse range of international education settings. For teachers of ESL/EFL, the effective recognition and integration of individual and contextual factors into the classroom may represent a significant challenge. This is often the case in those settings where native English speaking teachers work in foreign language contexts where they may have limited understanding of local cultures and languages, or where language instructors have class groups that are culturally and linguistically diverse. In these, and similar, contexts, the types and extent of individual and contextual factors impacting on language learning may challenge both learner and instructor expectations of what an effective and supportive classroom is. While such a situation offers numerous opportunities for learners and teachers to expand their knowledge of themselves and each other, it also presents the possibility for ineffective teaching and learning to occur. It is within this framework that the book presents the latest theoretical, pedagogical, and research perspectives from around the world, thereby providing a resource for all stakeholders with an interest in the roles individual and contextual factors play in the English learning process.

Green Business: Concepts, Methodologies, Tools, and Applications Management Association, Information Resources 2019-02-01 The issues of sustainability and corporate social responsibility have become vital discussions in many industries within the public and private sectors. In the business realm, incorporating practices that serve the overall community and ecological wellbeing can also allow businesses to flourish economically and socially. Green Business: Concepts, Methodologies, Tools, and Applications is a vital reference source for the latest research findings on the challenges and benefits of implementing sustainability into the core functions of contemporary enterprises, focusing on how green approaches improve operations. Highlighting a range of topics such as corporate sustainability, green enterprises, and circular economy, this multi-volume book is ideally designed for business executives, business and marketing professionals, business managers, academicians, and researchers

actively involved in the business industry.

Koha 3 Library Management System Savitra Sirohi 2010-11-12 Written in a practical style, this book uses the Linux shell in many chapters, demonstrating the execution of commands and their output. With liberal use of screenshots and plenty of code samples accompanied by careful explanation, it will make the task of installing and configuring Koha easy and straightforward. All chapters are written in a way that makes them applicable to various Linux distributions.This book is aimed at Linux system administrators who need to install and maintain Koha. If you are a system administrator who wants to set up an open source integrated library system, then this book is for you. It will also be useful for system administrators who require help with specific aspects of implementing Koha.

Agricultural, Forestry and Bioindustry Biotechnology and Biodiscovery Pablo A. Chong 2020-08-29 Food security, crop protection, biodiversity, and human and environmental health are among the main needs and concerns of society. Modern biotechnology and life sciences represent a constantly evolving area that is key for the rational use of natural resources – resources that in turn are indispensable for societal development. This book features the outcomes of the IV International Biotechnology and Biodiversity Congress, held in Guayaquil, Ecuador, 2018. It includes extensive reviews of the trends in agricultural and forestry biotechnology, molecules and materials biodiscovery, ethnomedicine, environmental impact and bioindustry research, describing many of these topics from the Latin America perspective and showing how the biodiversity and ancient knowledge of these countries are vital for worldwide sustainable development.

Managing Technologies and Automated Library Systems in Developing Countries: Open Source vs Commercial Options Bernard Dione 2008-08-27 The theme of this meeting was the management of technologies in the context of developing countries, and in the light of recent developments concerning especially open source software and applications. Speakers from various countries debated in English and in French over the importance of changing the rules concerning library management systems, as well as related implications. Results show that open source software might be a solution, although some

conditions apply. Réunis sous le thème de la gestion des systèmes automatisés de bibliothèques dans les pays en développement, conférenciers et participants discutèrent des changements récents dans ce domaine, notamment de l'apport des logiciels à code source ouvert. Les conférenciers, provenant de différents pays, présentèrent en anglais et en français leurs différents points de vue et expériences sur cette question importante pour l'avenir, de même que sur les implications qui y sont liées. Les résultats démontrent que les logiciels à code source ouverts peuvent être une solution, mais à certaines conditions.

Disruptive Technology, Legal Innovation, and the Future of Real Estate Amnon Lehavi 2020-09-30 This book addresses challenges that new technologies and the big data revolution pose to existing regulatory and legal frameworks. The volume discusses issues such as blockchain and its implications for property transactions and taxes, three (or four) dimensional title registration, land use and urban planning in the age of big data, and the future of property rights in light of these changes. The book brings together an interdisciplinary collection of chapters that revolve around the potential influence of disruptive technologies on existing legal norms and the future development of real estate markets. The book is divided into five parts. Part I presents a survey of the current available research on blockchain and real estate. Part II provides a background on property law for the volume, grounding it in fundamental theory. Part III discusses the changing landscapes of property rights while Part IV debates the potential effects of blockchain on land registration. Finally the book concludes with Part V, which is devoted to new technological applications relevant to real estate. Providing an interdisciplinary perspective on emerging technologies that have the potential to disrupt the real estate industry and the regulation of it, this book will appeal to a broad audience, consisting of scholars, policy-makers, practitioners, and students, interested in real estate, law, economics, blockchain, and technology policy.

What is Cloud Computing? All about cloud technology James Bolton 2019-12-17 Cloud computing is a technology that uses the internet and central remote servers to maintain data and applications. Cloud computing allows consumers and businesses to use applications

without installation and access their personal files at any computer with internet access. This technology allows for much more efficient computing by centralizing storage, memory, processing, and bandwidth Cloud computing consists of shared computing resources that are virtualized and accessed as a service, through an API. The cloud enables users in an organization to run applications by deploying them to the cloud, a virtual data center.

Stories of Change and Sustainability in the Arctic Regions Rita Sørly 2021-11-18 This book presents stories of sustainability from communities in circumpolar regions as they grapple with environmental, economic and societal changes and challenges. Polar regions are changing rapidly. These changes will dramatically effect ecosystems, economy, people, communities and their interdependencies. Given this, the stories being told about lives and livelihood development are changing also. This book is the first of its kind to curate stories about opportunity and responsibility, tensions and contradictions, un/ethical action, resilience, adaptability and sustainability, all within the shifting geopolitics of the north. The book looks at change and sustainability through multidisciplinary and empirically based work, drawing on case studies from Norway, Sweden, Alaska, Canada, Finland and Northwest Russia, with a notable focus on indigenous peoples. Chapters touch on topics as wide ranging as reindeer herding, mental health, climate change, land-use conflicts and sustainable business. The volume asks whose voices are being heard, who benefits, how particular changes affect people's sense of community and longstanding and cherished values plus livelihood practices and what are the environmental, economic and social impacts of contemporary and future oriented changes with regard to issues of sustainability? This volume will be of great interest to students and scholars of sustainability studies, sustainable development, environmental sociology, indigenous studies and environmental anthropology.

OECD Development Pathways Production Transformation Policy Review of the Dominican Republic Preserving Growth, Achieving Resilience OECD 2020-07-29 The Dominican Republic, though the fastest-growing economy in Latin America and the Caribbean since 2010, cannot afford complacency. The COVID-19 crisis may

accelerate existing global trends that created the need for reforms addressing structural weaknesses that lurked beneath the surface well before the pandemic. The Production Transformation Policy Review (PTPR) of the Dominican Republic identifies priority reforms to update the national strategy, with perspectives on agro-food and nearshoring.

Nanotoxicology in Safety Assessment of Nanomaterials Henriqueta Louro Since its advent, nanotechnologies are considered key enabling technologies that take advantage of a wide array of nanomaterials (NMs) for biomedical and industrial applications generating significant societal and economic benefits. However, such innovation increases human exposure to these substances through inhalation, ingestion or dermal contact raising public health concerns. Furthermore, the NMs specific physicochemical properties, that confer them unique beneficial characteristics, can also elicit nano-bio interactions leading to toxicity and concerns for public health. In addition, such properties can be affected by the surrounding matrix, particularly when incorporated in complex matrices such as food products, leading to secondary features potentially more relevant than primary characteristics for determining their toxicological outcome. These nano specific issues raise the question of whether the NMs may produce adverse outcomes that are not accounted for when using conventional toxicological approaches to assess their safety. Such uncertainties about the safety of NMs for human health and the environment may hamper a faster and more widespread exploration of their potentials. In response, the NMs definition has evolved, and nanotoxicology has developed towards new and more integrative approach methods to support regulatory and policy actions. This book provides a perspective on recent developments in the synthesis, application, and characterization of NMs and the related nanotechnologies, focusing on nanotoxicology for their accurate safety assessment early in the product development stage. The use of complex in vitro models, including multicellular systems and organoids, and "omics-based" approaches, such as transcriptomics or epigenomics, have greatly contributed to an in-depth understanding of the cellular and molecular mechanisms behind some NMs toxicity. Such mechanistic knowledge is equally addressed in this book and

has set the basis for a predictive nanotoxicology approach building on adverse outcome pathways. In addition, considering the knowledge provided by the above-mentioned approaches, insights into risk assessment, standardization, and regulation of NMs are also included. Incorporating adequate nanosafety assessment early in the life-cycle of NMs will allow the implementation of the safe and sustainable-by-design paradigm enabling safety to keep pace with innovation. Chapters 10 and 15 are available open access under a Creative Commons Attribution 4.0 International License via link.springer.com.

Communicating Science Toss Gascoigne 2020-09-14 Modern science communication has emerged in the twentieth century as a field of study, a body of practice and a profession—and it is a practice with deep historical roots. We have seen the birth of interactive science centres, the first university actions in teaching and conducting research, and a sharp growth in employment of science communicators. This collection charts the emergence of modern science communication across the world. This is the first volume to map investment around the globe in science centres, university courses and research, publications and conferences as well as tell the national stories of science communication. How did it all begin? How has development varied from one country to another? What motivated governments, institutions and people to see science communication as an answer to questions of the social place of science? Communicating Science describes the pathways followed by 39 different countries. All continents and many cultures are represented. For some countries, this is the first time that their science communication story has been told.

Papers in ITJEMAST 11(16) 2020 International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies publishes a wide spectrum of research and technical articles as well as reviews, experiments, experiences, modelings, simulations, designs, and innovations from engineering, sciences, life sciences, and related disciplines as well as interdisciplinary/cross-disciplinary/multidisciplinary subjects. Original work is required. Article submitted must not be under consideration of other publishers for

publications.

Best of Five MCQs for the Geriatric Medicine SCE Duncan R. Forsyth 2020-06-25 Candidates can prepare with confidence for the Geriatric Medicine Specialty Certificate Examination with this revision guide designed specifically for the exam. Containing 300 Best of Five questions, the content is carefully mapped to the curriculum ensuring comprehensive preparation. The questions mirror the format of those candidates can expect to find in the exam, and cover all of the key topics, including dementia and delirium, palliative care, nutrition, and stroke. Explanatory answers include references to guidelines and other sources to enable further reading and study. The second edition addresses the latest clinical guidelines and supporting literature, Non-vitamin K Antagonist Oral Anticoagulants (NOACs), and changes in health and social care policy. This new edition is also suitable for candidates preparing for the Diploma in Geriatric Medicine exam. Providing a thorough assessment of the reader's geriatric medicine knowledge, this is the only revision guide candidates will need to pass the Geriatric Medicine Specialty Certificate Examination first time. National Conference on Management of Modern Libraries (NACML) K. Shivananda Bhat 2014-07-15 With the advent of the information and communication technologies, traditional library activities are undergoing transformation in a big way. Modern library's collection includes a vast array of information resources, databases, electronic journals, e-books, digital images, institutional repositories etc. To manage a modern library, library professionals need to have awareness and knowledge on management of electronic resources, federated and discovered tools for single click search, literature techniques, application of RFID and other technologies, user needs and knowledge on soft skills etc. Keeping these perspectives and issues in mind the National Conference on Management of Modern Libraries (NACML) was organized by SEARCH- The health science library in association with the department of Library and Information Science, Manipal University, Manipal The main objective of the conference was to provide an opportunity to LIS professional to explore the ways and means to manage the modern libraries where electronic resources are playing an important role in meeting the information needs of the users and to explore, discuss and share

ideas and knowledge related to innovative modern library management systems to meet the needs of the changing environment. In five technical sessions under five different categories titled Technologies for Management, Best Practice in Modern Libraries, digital libraries and Role of Library Professionals in Management of Modern Libraries held over the two days, total 51 papers were presented at the conference. Various challenges and issues related to management of modern libraries were discussed in the technical sessions and some of the authors shared the best practices of their libraries. The author highlighted the importance of digital libraries and stressed the needs of various skills to work in digital environment. The papers presented in the conference have been edited and brought out in the form of a conference proceedings. The Natural Law of Cycles James H. Bunn 2017-07-28 The Natural Law of Cycles assembles scientific work from different disciplines to show how research on angular momentum and rotational symmetry can be used to develop a law of energy cycles as a local and global influence. Angular momentum regulates small-scale rotational cycles such as the swimming of fish in water, the running of animals on land, and the flight of birds in air. Also, it regulates large-scale rotation cycles such as global currents of wind and water.James H. Bunn introduces concepts of symmetry, balance, and angular momentum, showing how together they shape the mobile symmetries of animals. Chapter 1 studies the configurations of animals as they move in a head-first direction. Chapter 2 shows how sea animals follow currents and tides generated by the rotational cycles of the earth. In chapter 3, Bunn explores the biomechanical pace of walking as a partial cycle of rotating limbs. On a large scale, angular momentum governs balanced shifts in plate tectonics.Chapter 4 begins with an examination of rotational wind patterns in terms of the counter-balancing forces of angular momentum. The author shows how these winds augment the flights of birds during migrations. A final chapter centres on the conservation of energy as the most basic principle of science. Bunn argues that in the nineteenth century the unity of nature was seen in the emergent concept of energy, not matter, as the source of power, including the movements of animals and machines. In each chapter Bunn features environmental writers who

celebrate mobile symmetries. This book will interest students, naturalists, and advocates of the environmental movement. Placement Learning in Medical Nursing,A guide for students in practice,1 Maggie Maxfield 2012 Worried about your placement? Will you fit in? Will you have the right skills? What do you need to learn for practice assessments? This book will help you with all these concerns. It will tell you what to expect from the placement, what you can learn, how to link theory and practice, and how to make the most of your learning opportunities. A logical, step-by-step approach to preparing for a medical placement Helps make the most of learning opportunities Explains how to develop medical competencies, mapping specific cancer and palliative care exercises and activities to the NMC competencies Narratives from other students describe what the placement will really be like Honest discussion of the challenges of a medical placement to help avoid problems Advice on possible approaches to situations that may arise Focus on the essential evidence base of cancer and palliative care nursing, linking theory to practice Series features: A unique guide to getting the most from clinical placements What to expect before a placement What you can expect to learn on placement How to consolidate your experience and learning Clear links and examples with NMC proficiencies Guidance on what to use as evidence for portfolios Short case studies to link theory with practice Key points reminder boxes Worried about your next placement? Will you 'fit in'? Will you have the right skills? What do you need to learn to meet practice assessments? This series will help you with all these concerns. It will tell you what to expect from each placement, what you can learn, how to link theory and practice, and how to make the most of your learning opportunities. This is the only series specifically for student nurses undertaking specific practice placements, and will give you all the information you need in a user-friendly format. Each book in the series covers a specific area of practice for a typical placement on a pre-registration nursing course. Each title provides: A unique guide to getting the most from clinical placements How to prepare for your placement What you can expect to learn during a placement Clear links to, and examples of, achieving NMC competencies Guidance on what to use as evidence for your portfolio Case studies that link theory with practice How to

consolidate your experience and learn from the placement Tips, activities, further reading suggestions and useful websites. Titles in the Placement Learning series: Surgical nursing Medical nursing Cancer and palliative care nursing Mental health nursing Community care nursing Older people nursing

Disappearances in Mexico Silvana Mandolessi 2022-01-28 This volume presents an interdisciplinary analysis of the practice of disappearances in Mexico, from the period of the so-called 'dirty war' to the current crisis of disappearances associated with the country's 'war on drugs', during which more than 80,000 people have disappeared. The volume brings together contributions by distinguished scholars from Mexico, Argentina and Europe, who focus their chapters on four broad axes of enquiry. In Part I, chapters examine the phenomenon of disappearances in its historical and present-day forms, and the struggles for memory around the disappeared in Mexico with reference to Argentina. Part II addresses the political dimensions of disappearances, focusing on the specificities that this practice acquires in the context of the counterinsurgency struggle of the 1970s and the so-called 'war on drugs'. The third section situates the issue within the framework of human rights law by examining the conceptual and legal aspects of disappearances. The final chapters explore the social movement of the relatives of the disappeared, showing how their search for disappeared loved ones involves bodily and affective experiences as well as knowledge production. The volume thus aims to further our understanding of the crisis of disappearances in Mexico without, however, losing sight of the historic origins of the phenomenon.

Core Technology Competencies for Librarians and Library Staff Susan M. Thompson 2009 Ideal for public and academic libraries, Core Technology Competencies for Libraries provides an excellent starting point for you to define and evaluate the right inventory of technical skills and management attributes for yourself and your staff. Lita experts share their experience on technical competencies expected of all libraries and library staff; technical competencies needed by specialists like technology managers, or systems and IT librarians, and success stories about meeting performance standards that will show you how major libraries have demonstrated best

practices in technology competency. Employing the skill enhancement tools in this book will help staff that work hard to also ¿work smart¿, and take advantage of technology to improve collections and service.

Political Manipulation and Weapons of Mass Destruction Ben Cole 2017-12-11 Concerns about CBRN (Chemical, Biological, Radioactive, Nuclear) weapons have featured prominently in both political debates and media reporting about the ongoing threat from al Qaeda since 9/11. This book provides a chronological account of al Qaeda's efforts to acquire a CBRN weapon capability, and the evolution of the al Qaeda leadership's approach to actually using CBRN weapons, set against the context of the politicisation of the threat of CBRN terrorism in US security debates. Ben Cole explores how the inherently political nature of terrorist CBRN threats has helped to shape al Qaeda's approach to CBRN weapons, and shows how the heightened political sensitivities surrounding the threat have enabled some governments to manipulate it in order to generate domestic and international support for controversial policies, particularly the 2003 invasion of Iraq. He assesses the relative success of the al Qaeda leadership's political approach to CBRN weapons, together with the relative success of efforts by the US, UK and Russian governments to exploit the al Qaeda CBRN threat for their wider political purposes. Shedding new light on al Qaeda's tactics and strategy, this book will be essential reading for scholars of terrorism and extremism studies.

Tantric State William J. Long 2018 "Today, the majority of sovereign states can be described as 'democracies' in that they possess elected political leadership and some measure of commitment to the protection and promotion of individual rights and equality under law. Likewise, the economies of most democracies revolve around free trade, integrated into wider regional and global markets. Virtually all are organized around Western liberal principles and values. For some, these philosophical commitments are indigenous and longstanding, and for others they were imported later, often through colonization. This book asks how democratic governance and economic development differ when founded on Eastern, Buddhist principles, rather than Western, liberal, and Enlightenment values and

beliefs. The small, remote country of Bhutan is the only democratic, market-based state that is rooted constitutionally and culturally in Mahayana Buddhist principles and ethics. In this book, it provides an alternate vision for what democratic states built on Eastern philosophy might look like. William Long argues that the differences in democratic and development systems between Western and Eastern approaches are profound and important. Bhutan's approach to democracy and development is based on the idea of 'Gross National Happiness' and offers a unique approach to the challenges of political polarization, economic inequality, and declining public trust in political institutions"-- The Case of Frederick the Noble W. Pirsig 2020-08-25