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KEY=PAPER - NIGEL JUAREZ

The Patient Will See You Now The Future of Medicine Is in Your Hands *Basic Books* The essential guide by one of America's leading doctors to how digital technology enables all of us to take charge of our health A trip to the doctor is almost a guarantee of misery. You'll make an appointment months in advance. You'll probably wait for several hours until you hear "the doctor will see you now"-but only for fifteen minutes! Then you'll wait even longer for lab tests, the results of which you'll likely never see, unless they indicate further (and more invasive) tests, most of which will probably prove unnecessary (much like physicals themselves). And your bill will be astronomical. In *The Patient Will See You Now*, Eric Topol, one of the nation's top physicians, shows why medicine does not have to be that way. Instead, you could use your smartphone to get rapid test results from one drop of blood, monitor your vital signs both day and night, and use an artificially intelligent algorithm to receive a diagnosis without having to see a doctor, all at a small fraction of the cost imposed by our modern healthcare system. The change is powered by what Topol calls medicine's "Gutenberg moment." Much as the printing press took learning out of the hands of a priestly class, the mobile internet is doing the same for medicine, giving us unprecedented control over our healthcare. With smartphones in hand, we are no longer beholden to an impersonal and paternalistic system in which "doctor knows best." Medicine has been digitized, Topol argues; now it will be democratized. Computers will replace physicians for many diagnostic tasks, citizen science will give rise to citizen medicine, and enormous data sets will give us new means to attack conditions that have long been incurable. Massive, open, online medicine, where diagnostics are done by Facebook-like comparisons of medical profiles, will enable real-time, real-world research on massive populations. There's no doubt the path forward will be complicated: the medical establishment will resist these changes, and digitized medicine inevitably raises serious issues surrounding privacy. Nevertheless, the result-better, cheaper, and more human health care-will be worth it. Provocative and engrossing, *The Patient Will See You Now* is essential reading for anyone who thinks they deserve better health care. That is, for all of us. **CTET and TET Science and Pedagogy for Class 6 to 8 for 2021 Exams** *Arihant Publications India limited* 1.The book "Science& Pedagogy" prepares for teaching examination for (classes 6-8) 2.Guide is prepared on the basis of syllabus prescribed in CTET & other State TETs related examination 3.Divided in 2 Main Sections giving Chapterwise coverage to the syllabus 4.Previous Years' Solved Papers and 5 Practice sets are designed exactly on the latest pattern of the examination 5.More than 1500 MCQs for thorough for practice. 6.Useful for CTET, UPTET, HTET, UTET, CGTET, and all other states TETs. Robert Stenberg once said, "There is no Recipe to be a Great Teacher, that's what, is unique about them". CTET provides you with an opportunity to make a mark as an educator while teaching in Central Government School. Prepare yourself for the exam with current edition of "Science and Pedagogy - Paper II" that has been developed based on the prescribed syllabus of CTET and other State TETs related examination. The book has been categorized under 2 Sections; Science& Pedagogy giving clear understanding of the concepts in Chapterwise manner. Each chapter is supplied with enough theories, illustrations and examples. With more than 1500 MCQs help candidates for the quick of the chapters. Practice part has been equally paid attention by providing Previous Years' Questions asked in CTET & TET, Practice Questions in every chapter, along with the 5 Practice Sets exactly based on the latest pattern of the Examination. Also, Latest Solved Paper is given to know the exact Trend and Pattern of the paper. Housed with ample number of questions for practice, it gives robust study material useful for CTET, UPTET, HTET, UTET,CGTET, and all other states TETs. TOC Solved Paper I & II 2021 (January), Solved Paper I 2019 (December), Solved Paper II 2019 (December), Solved Paper 2019 (July), Solved Paper 2018 (December), Science, Pedagogy Practice Sets (1-5). NTA UGC NET/JRF/SET Paper 2 Political Science 27 Solved Papers (2012-2021) And 10 Practice Sets *Prabhat Prakashan* NTA UGC NET/JRF/SET Paper 2 Political Science 27 Solved Papers (2012-2021) And 10 Practice Sets **CTET Success Master Maths and Science Paper 2 for Class 6 to 8 for 2021 Exams** *Arihant Publications India limited* 1.Success Master Study Guides focus in the preparation of CTET teaching Exam 2.This book deals with CTET Mathematics and Science Paper - 2 (Classes 6-8) 3.Divided into 5 main Sections completely prepared on the latest exam pattern. 4.Provides Previous years' Solved Papers, 2 Practice Sets and more than 3000 MCQs are given for thorough practice. CTET provides you with an opportunity to make a mark as an educator while teaching in Central Government School. Prepared as per National Curriculum Framework, here's representing the updated edition of "Success Master CTET Mathematics & Science Paper II (Class VI-VIII)" that serves as a study guide for the candidates who are willing to appear for the exam this year. The book provides focused study material dividing the entire syllabus into 5 majors providing the complete coverage. With more than 3000 MCQs are provided for the quick revision of the concepts. Chapterwise coverage of the previous Years questions along with the Trend Analysis help aspirants for better preparation. Lastly, Solved Paper 2021 & 2 Practice Sets are given leaving no stones untouched. Preparation done from this book proves to be highly useful for CTET Paper 1 in achieving good rank in the exam. TOC Solved Paper 2021 (January), Solved Paper 2019 (December), Solved Paper 2019 (July), Solved Paper 2018 (December), Solved Paper 2016 (September), Child Development and Pedagogy, English Language and Pedagogy, Hindi Bhasha evm Shiksha-shastra, Mathematics and Pedagogy, Science and Pedagogy, Practice Sets (1-2). UGC-NET/SET: Physical Education (Paper II & III) JRF and Assistant Professor Exam Guide UGC NET Physical education *HIGH DEFINITION BOOKS* **CTET Success Master Social Science Paper 2 for Class 6 to 8 for 2021 Exams** *Arihant Publications India limited* 1.Success Master Study Guides focus in the preparation of CTET teaching Exam 2.This book deals with CTET Mathematics and Science Paper - 2 (Classes 6-8) 3.Divided into 5 main Sections completely prepared on the latest exam pattern. 4.Provides Previous years' Solved Papers, 2 Practice Sets and more than 3000 MCQs are given for thorough practice. CTET provides you with an opportunity to make a mark as an educator while teaching in Central Government School. Prepared as per National Curriculum Framework, here's representing the updated edition of "Success Master CTET Social Science/Studies Paper II (Class VI-VIII)" that serves as a study guide for the candidates who are willing to appear for the exam this year. The book provides focused study material dividing the entire syllabus into 5 majors providing the complete coverage. With more than 3000 MCQs are provided for the quick revision of the concepts. Chapterwise coverage of the previous Years questions along with the Trend Analysis help aspirants for better preparation. Lastly, Solved Paper 2021 & 2 Practice Sets are given leaving no stones untouched. Preparation done from this book proves to be highly useful for CTET Paper 1 in achieving good rank in the exam. TOC Solved Paper 2021 (January), Solved Paper 2019 (December), Solved Paper 2019 (July), Solved Paper 2018 (December), Solved Paper 2016, Child Development and Pedagogy, English Language and Pedagogy, Hindi Bhasha evm Shiksha-shastra, Social Science/ Studies and Pedagogy, Pedagogy, Practice Sets. **Challenge and Change for the Early Years Workforce Working with children from birth to 8** *Routledge* This volume makes a timely contribution to our understanding of literacy as a multi-faceted, complexly situated activity. Each chapter provides the reader with a fresh perspective into a different site for literate behaviour, approaches, design and relationships, and offers an exploration into the use of literacy theories to inform policy and practice, particularly in regard to curriculum. Bringing together international experts in the field, the contributing authors represent a wide variety of theoretical and research perspectives which cover literacy in various forms, including: • transformative literacy • survey literacy • academic literacies • information literacy in the workplace • digital literacy. **Landscapes of Specific Literacies in Contemporary Society** suggests that literacy curriculum needs to evolve from its current perspective if it is to cater for the demands of the 21st century contemporary globalised society. The book will be of key interest to researchers and academics in the fields of education, curriculum studies and the sociology of education, as well as to policy makers and literacy specialists. **RPSC Rajasthan Public Service Commission RAS/RTS Preliminary Examination General Knowledge and General Science 1995-2021 Solved Papers** *Prabhat Prakashan* **RPSC RAS/RTS General Knowledge and General Science Preliminary Examination 1995-2021 Solved Papers** The all-new edition of **RPSC RAS/RTS Solved Papers** is a beneficial resource of study designed for the aspirants which includes a collection of solved papers from preliminary and main examinations. Focus of the Book • Analyzing the pattern of examination • Checking the frequency of topics Book Features • Last Years' Solved Papers from 1995 to 2021 • Answers compiled with explanations • Lucid language usage • Easy and thorough learning • Exhaustive revision This book focuses on providing a deeper insight into the level of examination; thereby instilling confidence in the aspirants. With provision of collection of ample last years' solved papers; the student can prepare well without hassle and anxiety. Last years' examination question papers are also useful in predicting the upcoming questions. On solving each question paper; the students can recognize what concepts are difficult in order to work on them more. Therefore; this book also carries features of Revision and Self-Assessment present in these papers. Solving the papers will enable the aspirants to gauge their progress as well as prepare accordingly on simple and complex topics simultaneously; and thus scoring well. **Genetic Discrimination Transatlantic Perspectives on the Case for a European Level Legal Response** *Routledge* As genetic technologies advance, genetic testing may well offer the prospect of detecting the onset of future disabilities. Some research also forwards that certain behavioural profiles may have a strong genetic basis, such as the determination to succeed, or the propensity for risk-taking. As this technology becomes more prevalent, there is a danger that genetic information may be misused by third parties and that particular genetic profiles may be discriminated against by employers, by providers of social goods and services, such as insurance companies and even by educational facilities. This book explores the different forms and potential uses of genetic testing. Drawing together leading experts in disability law, bioethics, health law and a range of related fields, it highlights the ethical and legal challenges arising as a result of emerging and rapidly advancing genetic science. On examining transatlantic perspectives on the matter, chapters in the book ask whether the US Genetic Information Nondiscrimination Act (GINA) is proving to be an effective tool in addressing the issue of genetic discrimination and alleviating fears of discrimination. The book also reviews what insights may be gained from GINA within employment and health insurance contexts, and asks how the UN Convention on the Rights of Persons with Disabilities (CRPD) may impact similar debates within the European Union. The book focuses particularly on the legislative and policy framework in the European Union, with an emphasis on the gaps in protection and the scope for specific legislative action in this area. This book will be of great interest to scholars and students of discrimination law, bioethics and disability law, and will be of considerable use to legal practitioners, medical practitioners and policy-makers in this area. **Systemic Entrepreneurship Contemporary Issues and Case Studies** *Springer* **Systemic Entrepreneurship** focuses on creating an awareness of systemic entrepreneurship and illustrates the fact that one needs to approach entrepreneurial support activities from many different angles. **Cracking the code girls' and women's education in science, technology, engineering and**

mathematics (STEM) *UNESCO Publishing Beyond Intellect and Reasoning* A scale for measuring the progression of artificial intelligence systems (AIS) to protect innocent parties in third-party contracts *Page Publishing Inc* The purpose of this book is to draw readers' attention to various legal intricacies associated with deploying self-directed artificial intelligence systems (AIS), particularly emphasizing the limits of the law, vis-à-vis liability problems that may emerge within third-party contracts. With the advent of today's ostensive "Amazon Halo or Alexa," consumers are having to conclude contracts (e.g., sale of goods and distant financial services) in much more complex (cybernetic) environments. Generally, with one party acting in the capacity of a human being while the other (as an autonomous thing/device [AIS] with capabilities well beyond that of humans) representing the interests of others (not just other humans). Yet traditional jurisprudence is limited in scope for holding these systems legally accountable if they were to malfunction and cause harm. Interestingly, within the judicial system itself, the use of AIS is more prevalent now, including within the criminal justice system in some jurisdictions. In the United States, for instance, AIS algorithms are utilized to determine sentencing and bail processing. Still, jurists find themselves limited to traditional legal methodologies and tools when tackling novel situations brought about by these systems. For example, traditional strict liability concept, as applied in tort law, typically ties responsibility to the person(s) (e.g., AIS developers) influencing the decision-making process. In contract law, particularly where third parties are concerned, AIS are equated to tools for the purposes of traditional strict liability rules. Thus, binding anyone on whose behalf they would have acted (irrespective of whether such acts were intentional or foreseeable). XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013 MEDICON 2013, 25-28 September 2013, Seville, Spain *Springer Science & Business Media* The general theme of MEDICON 2013 is "Research and Development of Technology for Sustainable Healthcare". This decade is being characterized by the appearance and use of emergent technologies under development. This situation has produced a tremendous impact on Medicine and Biology from which it is expected an unparalleled evolution in these disciplines towards novel concept and practices. The consequence will be a significant improvement in health care and well-fare, i.e. the shift from a reactive medicine to a preventive medicine. This shift implies that the citizen will play an important role in the healthcare delivery process, what requires a comprehensive and personalized assistance. In this context, society will meet emerging media, incorporated to all objects, capable of providing a seamless, adaptive, anticipatory, unobtrusive and pervasive assistance. The challenge will be to remove current barriers related to the lack of knowledge required to produce new opportunities for all the society, while new paradigms are created for this inclusive society to be socially and economically sustainable, and respectful with the environment. In this way, these proceedings focus on the convergence of biomedical engineering topics ranging from formalized theory through experimental science and technological development to practical clinical applications. Family Caregiving in the New Normal *Academic Press* Family Caregiving in the New Normal discusses how the drastic economic changes that have occurred over the past few years have precipitated a new conversation on how family care for older adults will evolve in the future. This text summarizes the challenges and potential solutions scientists, policy makers, and clinical providers must address as they grapple with these changes, with a primary focus given to the elements that may impact how family caregiving is organized and addressed in subsequent decades, including sociodemographic trends like divorce, increased participation of women in the workforce, geographic mobility, fewer children in post-baby boom families, chronic illness trends, economic stressors, and the current policy environment. A section on the support of caregivers includes technology-based solutions that examine existing models, personal health records, and mobile applications, big data issues, decision-making support, person-centered approaches, crowd-sourced caregiving such as blogs and personal websites that have galvanized caregivers, and new methods to combine paid and unpaid forms of care. Provides a concise "roadmap" of the demographic, economic, health trends, and policy challenges facing family caregivers Presents potential solutions to caregiving so that scientists, policymakers, and clinical providers can best meet the needs of families and communities in the upcoming decades Includes in-depth, diverse stories of caregivers of persons with different diseases who share perspectives Covers person-centered care approaches to family caregiving that summarize effective community-based services of psychosocial intervention models Examines how existing efficacious models can more effectively reach and serve individual families Strengthening Forensic Science in the United States A Path Forward *National Academies Press* Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. Strengthening Forensic Science in the United States: A Path Forward provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. Strengthening Forensic Science in the United States gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators. Human Development Report 2015 Work for Human Development *United Nations* This report takes a broad view of the link between work and human development. Work is a critical tool for economic growth and security, poverty reduction and gender equality. It enables full participation in society while affording people a sense of dignity and worth. Humans working together not only increase their material well-being, they also accumulate a wide body of knowledge that serves as the basis for cultures and civilizations. The report finds that work enhances human development when policies are taken to expand productive, remunerative and satisfying work opportunities. Workers' skills and potentials are enhanced, their well-being in terms of rights, safety and benefits are ensured with targeted interventions, and an agenda incorporating decent work, a new Social Contract and a Global Deal is pursued. Cost, Effectiveness, and Deployment of Fuel Economy Technologies for Light-Duty Vehicles *National Academies Press* The light-duty vehicle fleet is expected to undergo substantial technological changes over the next several decades. New powertrain designs, alternative fuels, advanced materials and significant changes to the vehicle body are being driven by increasingly stringent fuel economy and greenhouse gas emission standards. By the end of the next decade, cars and light-duty trucks will be more fuel efficient, weigh less, emit less air pollutants, have more safety features, and will be more expensive to purchase relative to current vehicles. Though the gasoline-powered spark ignition engine will continue to be the dominant powertrain configuration even through 2030, such vehicles will be equipped with advanced technologies, materials, electronics and controls, and aerodynamics. And by 2030, the deployment of alternative methods to propel and fuel vehicles and alternative modes of transportation, including autonomous vehicles, will be well underway. What are these new technologies - how will they work, and will some technologies be more effective than others? Written to inform The United States Department of Transportation's National Highway Traffic Safety Administration (NHTSA) and Environmental Protection Agency (EPA) Corporate Average Fuel Economy (CAFE) and greenhouse gas (GHG) emission standards, this new report from the National Research Council is a technical evaluation of costs, benefits, and implementation issues of fuel reduction technologies for next-generation light-duty vehicles. Cost, Effectiveness, and Deployment of Fuel Economy Technologies for Light-Duty Vehicles estimates the cost, potential efficiency improvements, and barriers to commercial deployment of technologies that might be employed from 2020 to 2030. This report describes these promising technologies and makes recommendations for their inclusion on the list of technologies applicable for the 2017-2025 CAFE standards. Practical Predictive Analytics and Decisioning Systems for Medicine Informatics Accuracy and Cost-Effectiveness for Healthcare Administration and Delivery Including Medical Research *Academic Press* With the advent of electronic medical records years ago and the increasing capabilities of computers, our healthcare systems are sitting on growing mountains of data. Not only does the data grow from patient volume but the type of data we store is also growing exponentially. Practical Predictive Analytics and Decisioning Systems for Medicine provides research tools to analyze these large amounts of data and addresses some of the most pressing issues and challenges where data integrity is compromised: patient safety, patient communication, and patient information. Through the use of predictive analytic models and applications, this book is an invaluable resource to predict more accurate outcomes to help improve quality care in the healthcare and medical industries in the most cost-efficient manner. Practical Predictive Analytics and Decisioning Systems for Medicine provides the basics of predictive analytics for those new to the area and focuses on general philosophy and activities in the healthcare and medical system. It explains why predictive models are important, and how they can be applied to the predictive analysis process in order to solve real industry problems. Researchers need this valuable resource to improve data analysis skills and make more accurate and cost-effective decisions. Includes models and applications of predictive analytics why they are important and how they can be used in healthcare and medical research Provides real world step-by-step tutorials to help beginners understand how the predictive analytic processes works and to successfully do the computations Demonstrates methods to help sort through data to make better observations and allow you to make better predictions Textbook of Palliative Care Communication *Oxford University Press, USA* 'The Textbook of Palliative Care Communication' is the authoritative text on communication in palliative care. Uniquely developed by an interdisciplinary editorial team to address an array of providers including physicians, nurses, social workers, and chaplains, it unites clinicians and academic researchers interested in the study of communication. Commerce *YOUTH COMPETITION TIMES* 2022-23 TGT/PGT/LT Grade Commerce Chapter-wise Solved Papers Juvenile Delinquency: Theory, Practice, and Law *Cengage Learning* Unrivaled in its current coverage of topics, the twelfth edition of best-selling JUVENILE DELINQUENCY: THEORY, PRACTICE, AND LAW provides you with timely coverage of theory, policy, and the latest research. Praised for its balanced approach and for the authors' engaging writing style, this book will help you understand the nature of delinquency and its causes, as well as current strategies being used to control or eliminate its occurrence. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. SOC *Cengage Learning* 4LTR Press solutions give students the option to choose the format that best suits their learning preferences. This option is perfect for those students who focus on the textbook as their main course resource. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. ECRM2013-Proceedings of the 12th European Conference on Research Methods ECRM 2013 *Academic Conferences Limited* Complete proceedings of the 13th European Conference on Research Methodology for Business and Management Studies ECRM 2013 PRINT version Published by Academic Conferences and Publishing International Limited. Coaching for Rational Living Theory, Techniques and Applications *Springer* This eminently useful guide presents an up-to-date framework for Rational-Emotive Cognitive-Behavioral Coaching (RE-CBC), from basic concepts, techniques, and applications to evidence of how and why this versatile method works. It details how RE-CBC synthesizes the rational thinking, cognitive disputing, and semantic training traditions of RE and CB therapies into coaching strategies for solving problems or furthering personal development. The book's sections on process and techniques demonstrate the flexibility of the method as used in a variety of settings toward a gamut of purposes, illustrating Albert Ellis' central goal of long-term happiness through rational living. And specialized chapters offer applications of RE-CBC to familiar coaching domains (life, health, family, motivation) as well as to the complex worlds of business and organizations. Included in the coverage: · Coaching for rational living: rational-emotive, cognitive-behavioral perspectives. · Psychological blockers to successful coaching outcomes. · Enhancing positive psychology coaching practice. · Assessment, case formulation, and intervention models. · A step-based framework for coaching practice. · Plus: applications of Rational-Emotive Cognitive-Behavioral Coaching, including motivational, parent/family, workplace stress management, organizational change, school success, and sports performance. Coaching for Rational Living is a robust practice-building resource for coaches, psychologists, counselors, and health professionals, particularly

mental health practitioners who use rational-emotive and cognitive-behavioral therapy and coaching. Overwhelmed Work, Love and Play When No One Has The Time *A&C Black* In her attempts to juggle work and family life, Brigid Schulte has baked cakes until 2 a.m., frantically (but surreptitiously) sent important emails during school trips and then worked long into the night after her children were in bed. Realising she had become someone who constantly burst in late, trailing shoes and schoolbooks and biscuit crumbs, she began to question, like so many of us, whether it is possible to be anything you want to be, have a family and still have time to breathe. So when Schulte met an eminent sociologist who studies time and he told her she enjoyed thirty hours of leisure each week, she thought her head was going to pop off. What followed was a trip down the rabbit hole of busy-ness, a journey to discover why so many of us find it near-impossible to press the 'pause' button on life and what got us here in the first place. Overwhelmed maps the individual, historical, biological and societal stresses that have ripped working mothers' and fathers' leisure to shreds, and asks how it might be possible for us to put the pieces back together. Seeking insights, answers and inspiration, Schulte explores everything from the wiring of the brain and why workplaces are becoming increasingly demanding, to worldwide differences in family policy, how cultural norms shape our experiences at work, our unequal division of labour at home and why it's so hard for everyone - but women especially - to feel they deserve an elusive moment of peace. The Future of Counterinsurgency: Contemporary Debates in Internal Security Strategy Contemporary Debates in Internal Security Strategy *ABC-CLIO* This thought-provoking work analyzes the major debates surrounding counterinsurgency campaigns and uncovers the internal security problems derailing effective strategies for restoring stability. • Examines the key factors that determine the use of "hard" versus "soft" operations • Features assessments on how to measure counterinsurgency and internal security effectiveness • Describes the major controversies surrounding counterinsurgency strategies and associated operations • Analyzes the elements impacting successful internal security operations Faster, Higher, Stronger How Sports Science Is Creating a New Generation of Superathletes--and What We Can Learn from Them *Penguin* A New York Times bestseller "A smart and important book."—Gretchen Reynolds, author of *The First 20 Minutes* Publications as varied as *Wired*, *Men's Fitness*, and *The New Yorker* are abuzz over the New York Times bestseller *Faster, Higher, Stronger*. In it, veteran journalist Mark McClusky explains how today's top athletes are turning to advanced technology and savvy science to improve their performance. Sports buffs and readers of David Epstein and Gretchen Reynolds will want to join McClusky as he goes behind the scenes everywhere from the Olympics to the NBA Finals, from the World Series to the Tour de France, and from high-tech labs to neighborhood gyms to show how athletes at every level can incorporate cutting-edge science into their own workouts. Understanding Substance Use Policy and Practice *Critical Publishing* Changes to drug and alcohol policy post-1995 introduced the partnership style of working and many different routes by which treatment can be accessed. This means that a wide variety of professional groups now work with drug and alcohol users. "The book makes a major contribution to the understanding substance use, drawing on relevant and recent policy. It draws on practice and engages the reader in current debates in the area. The book provides theoretical underpinnings that are influential in practice. As key aspect of social work practice, substance misuse is relevant for practitioners. A much needed book for students, practitioners and policy-makers." Bridget Ng'andu, Ruskin College This book provides an analytical and critical discussion of policy and practice in this area. It lays out the key debates and issues for understanding, exploring, dealing and working with substance misuse issues, users, their families and other professionals. The reader is introduced to the policy framework and why it is important for generic social work and other health and social care practitioners to have an understanding of substance misuse and the issues involved. The reader is assisted to think about how they can use their professional skills and values to inform assessments and interventions with substance users and reflective exercises encourage the reader to consider values issues and examine their own attitudes. This book will be valuable to students and practitioners wishing to update their skills and knowledge. Rethinking Virtual Places *Indiana University Press* How would the humanities change if we grappled with the ways in which digital and virtual places are designed, experienced, and critiqued? In *Rethinking Virtual Places*, Erik Malcolm Champion draws from the fields of computational sciences and other place-related disciplines to argue for a more central role for virtual space in the humanities. For instance, recent developments in neuroscience could improve our understanding of how people experience, store, and recollect place-related encounters. Similarly, game mechanics using virtual place design might make digital environments more engaging and learning content more powerful and salient. In addition, Champion provides a brief introduction to new and emerging software and devices and explains how they help, hinder, or replace our traditional means of designing and exploring places. Perfect for humanities scholars fascinated by the potential of virtual space, *Rethinking Virtual Places* challenges both traditional and recent evaluation methods to address the complicated problem of understanding how people evaluate and engage with the notion of place. Alternative Liquid Dielectrics for High Voltage Transformer Insulation Systems Performance Analysis and Applications *John Wiley & Sons* A comprehensive reference and guide on the usage of the alternative dielectric fluids for transformer insulation systems Liquid-filled transformers are one of the most important and expensive components involved in the transmission and distribution of power to industrial and domestic loads. Although petroleum-based insulating oils have been used in transformers for decades, recent environmental concerns, health and safety considerations, and various technical factors have increased the need for new alternative and biodegradable liquids. *Alternative Liquid Dielectrics for High Voltage Transformer Insulation Systems* is an up-to-date reference and guide on natural and synthetic ester-based biodegradable insulating liquids. Covering the operational behavior, performance analysis, and maintenance of transformers filled with biodegradable insulating liquids, this comprehensive resource helps researchers and utility engineers expand their knowledge of the benefits, challenges, and application of ester-filled transformers. In-depth chapters written by experienced researchers addresses critical topics including transformer condition monitoring, high voltage insulation testing, biodegradable insulating material processing and evaluation, and more. A unique and significant contribution to existing literature on the subject, this authoritative volume: • Covers condition monitoring, diagnostic testing, applications, maintenance, and in-service experiences • Explores current challenges and future prospects of ester-filled transformers • Discusses significant research progress and identifies the topics in need of further emphasis • Compares the differences and similarities between mineral oils and ester liquids • Includes in-depth behavioral observations and performance analysis of ester-based insulating liquids *Alternative Liquid Dielectrics for High Voltage Transformer Insulation Systems: Performance Analysis and Applications* is a must-have reference for utility engineers, electrical power utilities, transformer owners, manufacturers, and researchers. *Laboratory Dogs Rescued From Test Subjects to Beloved Companions* *McFarland* Animal testing is a controversy that has raged for hundreds of years. Some people view experiments on dogs as necessary for human medical progress, while others argue that the practice is barbaric. When the author adopted Marty—a beagle rescued from a research laboratory—she found herself rehabilitating a terrified dog with a traumatic past. She soon discovered the well-kept secret of painful and often fatal testing on dogs. This book details what the author has learned about the past and present of laboratory testing on dogs, life after laboratories and the hope for a future without animal testing. Interviews with rescue organizers and adoptive families reveal the struggles of removing dogs from laboratories and acclimating them to daily life. Scientists discuss the ethics of dog research and advocate for new biomedical technologies. Fundamental change is brewing, with the public, scientists and governments urging the use of new technologies that can replace testing on animals and yield better results. *The Palgrave Handbook of Global Political Psychology* *Springer* This collection recalibrates the study of political psychology through detailed and much needed analysis of the discipline's most important and hotly contested issues. It advances our understanding of the psychological mechanisms that drive political phenomena while showcasing a range of approaches in the study of these phenomena. *The Future of Work in Non-Profit and Religious Organizations: Current and Future Perspectives and Concerns* *Frontiers Media SA Science Abstracts* Improving the Odds for America's Children *Future Directions in Policy and Practice* *Harvard Education Press* This landmark volume commemorates the fortieth anniversary of the Children's Defense Fund, which has been an uncompromising champion of American youth for all of those years. Yet the book looks not to the past but at our current circumstances—and at the challenges we must meet now and in the future on behalf of our young people. The book examines critical issues—prenatal and infant health and development, early child care and education, school reform, the achievement gap, vulnerable children, juvenile justice, and child poverty—and highlights crucial practical and policy measures we need to consider and undertake if we are to better serve American children. An invaluable survey of the conditions facing American youth—and a call to action at the local, state, and national levels—*Improving the Odds for America's Children* is an urgent, informative, and inspired volume that addresses shortcomings and challenges we cannot afford to ignore. Contributors include Sara Rosenbaum, Partow Zomorrodian, Jack P. Shonkoff, Joan Lombardi, Deborah Jewell-Sherman, Jal Mehta, Robert B. Schwartz, Jerry D. Weast, Greg J. Duncan, Richard J. Murnane, Michael S. Wald, Jane Waldfogel, Robert G. Schwartz, Laurence Steinberg, Arloc Sherman, Robert Greenstein, Sharon Parrott, and Eric Dearing. *Knowledge, Service, Tourism & Hospitality Proceedings of the Annual International Conference on Management and Technology in Knowledge, Service, Tourism & Hospitality 2015 (SERVE 2015), Bandung, Indonesia, 1-2 August 2015* *CRC Press* This proceedings volume contains papers presented at the 2015 International Conference on Management and Technology in Knowledge, Service, Tourism & Hospitality (SERVE 2015), covering a wide range of topics in the fields of knowledge and service management, web intelligence, tourism and hospitality. This overview of current state of affair *Anatomy & Physiology Teaching Undergraduate Science A Guide to Overcoming Obstacles to Student Learning* *Stylus Publishing, LLC* This book is written for all science or engineering faculty who have ever found themselves baffled and frustrated by their undergraduate students' lack of engagement and learning. The author, an experienced scientist, faculty member, and educational consultant, addresses these issues with the knowledge of faculty interests, constraints, and day-to-day concerns in mind. Drawing from the research on learning, she offers faculty new ways to think about the struggles their science students face. She then provides a range of evidence-based teaching strategies that can make the time faculty spend in the classroom more productive and satisfying. Linda Hodges reviews the various learning problems endemic to teaching science, explains why they are so common and persistent, and presents a digest of key ideas and strategies to address them, based on the research she has undertaken into the literature on the cognitive sciences and education. Recognizing that faculty have different views about teaching, different comfort levels with alternative teaching approaches, and are often pressed for time, Linda Hodges takes these constraints into account by first offering a framework for thinking purposefully about course design and teaching choices, and then providing a range of strategies to address very specific teaching barriers - whether it be students' motivation, engagement in class, ability to problem solve, their reading comprehension, or laboratory, research or writing skills. Except for the first and last chapters, the other chapters in this book stand on their own (i.e., can be read in any order) and address a specific challenge students have in learning and doing science. Each chapter summarizes the research explaining why students struggle and concludes by offering several teaching options categorized by how easy or difficult they are to implement. Some, for example, can work in a large lecture class without a great expenditure of time; others may require more preparation and a more adventurous approach to teaching. Each strategy is accompanied by a table categorizing its likely impact, how much time it will take in class or out, and how difficult it will be to implement. Like scientific research, teaching works best when faculty start with a goal in mind, plan an approach building on the literature, use well-tested methodologies, and analyze results for future trials. Linda Hodges' message is that with such intentional thought and a bit of effort faculty can succeed in helping many more students gain exciting new skills and abilities, whether those students are potential scientists or physicians or entrepreneurs. Her book serves as a mini compendium of current research as well as a protocol manual: a readily accessible guide to the literature, the best practices known to date, and a framework for thinking about teaching. *Enhancing the Art & Science of Teaching With Technology* *Solution Tree Press* Successfully leverage technology to enhance classroom practices with this practical resource. The authors demonstrate the importance of educational technology, which is quickly becoming an essential component in effective teaching. Included are over 100 organized classroom strategies, vignettes that show each section's strategies in action, and a glossary of classroom-relevant technology terms. Key research is summarized and translated

into classroom recommendations. *Proceedings of the 13th World Conference on Titanium John Wiley & Sons* This book contains the *Proceedings of the 13th World Conference on Titanium*.