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Preharvest Modulation of Postharvest Fruit and Vegetable Quality is the first book to focus on the potential yield quality, quantity and safety benefits of intervention during growth. Of the many factors responsible for overall quality of produce, about 70 percent comes from pre-harvest conditions. Written by an international team of experts, this book presents the key opportunities and challenges of pre-harvest interventions. From selecting the most appropriate growing scenario, to treating plants during the maturation process, to evaluating for quality factors to determine appropriate interventions, this book provides an integrated look at maximizing crop yield through preventative means. In fact, with the very best of postharvest knowledge and technologies available, the best that can be achieved is a reduction in the rate at which products deteriorate as they progress through their normal developmental pattern of maturation, ripening and senescence. Therefore, it is very important to understand what pre-harvest factors influence the many important harvest quality attributes that affect the rate of postharvest deterioration and, subsequently, the consumers' decision to purchase the product in the marketplace. Presents the important pre-harvest factors that influence harvest quality Includes up-to-date information on pre-harvest factors that modulate post-harvest biology Identifies potential methodologies and technologies to enhance pre-harvest interventions

The B lymphocyte lineage represents an important paradigm for exploring the molecular mechanisms underlying cell fate specification, differentiation and cellular activation. In the past five years, major advances have been achieved in our understanding of the transcriptional control of early B cell development and terminal plasma cell differentiation. In addition new insights became available for the processes of B cell activation, class switch recombination and somatic hypermutation. Many of the new findings and their implications for a molecular understanding of B cell biology in particular and cell differentiation in general are covered in this volume.

Intergroup contact theory has been one of the most influential theories in social psychology since it was first formulated by Gordon Allport in 1954. This volume highlights, via a critical lens, the most notable recent developments in the field, demonstrating its vitality and its capacity for reinvention and integration with a variety of seemingly distinct research areas. In the last two decades, the research focus has been on the variables that explain why contact improves intergroup attitudes and when the contact-prejudice relationship is stronger. Current research highlights that contact is not a panacea for prejudice, but it can represent a useful tool that can contribute to the improvement of intergroup relations. The book includes coverage of a number of previously under-researched fields, which extend the full potential of contact theory within the personality, acculturation and developmental domains. The chapters also examine the methodological advances in the field and the applied implications. The book offers a rich picture of the state of the field and future directions for research that will be invaluable to students and scholars working in social psychology and related disciplines. It aims to provide fertile ground for the development of new, exciting and dynamic research ideas in intergroup relations.

Intelligent Tutoring Systems 10th International Conference, ITS 2010, Pittsburgh, PA, USA, June 14-18, 2010, Proceedings Springer Science & Business Media

The book surveys the years from 1970-2015 to see how a person living at the time could anticipate trends; what would they focus on. In turn, this knowledge could be used in the future, together with emerging opportunities.

The movement away from teacher-centered toward student-centered learning and teaching (SCLT) in higher education has intensified in recent decades. Yet in spite of its widespread use in literature and policy documents, SCLT remains somewhat poorly defined, under-researched and often misinterpreted. Against this backdrop, *The Routledge International Handbook of Student-Centered Learning and Teaching in Higher Education* offers an original, comprehensive and up-to-date overview of the fundamentals of SCLT and its discussion and applications in policy and practice. Bringing together 71 scholars from around the world, the volume offers a most comprehensive and up-to-date overview of the fundamentals of SCLT and its applications in policy and practice; provides beacons of good practice that display how instructional expertise manifests itself in the quality of classroom learning and teaching and in the institutional environment; and critically discusses challenges, new directions and developments in pedagogy, course and study program design, classroom practice, assessment and institutional policy. An essential resource, this book uniquely offers researchers, educators and students in higher education new insights into the roots, latest thinking, practices and evidence surrounding SCLT in higher education.

The XIXth General Assembly of the International Astronomical Union was held in New Delhi, India, from November 19 to 28, 1985. It was dedicated to the memory of a former IAU President, Professor M. K. V. Bappu, who tragically passed away on August 19, 1982. On the occasion of the Delhi General Assembly, the IAU Minor Planet Center announced that Minor Planet (asteroid) No. 2596 henceforth will carry the name Vainu Sappu. The full text of the announcement reads:

"(2596) VAINU BAPPU = 1979 KN (diameter about 8 kilometers, period 5 years 4 months, mean distance from the Sun around 450 million kilometers) Discovered 1979, May 19, by R. M. West at the European Southern Observatory. Named in memory of Manali f

An essential resource for all scientists researching cellular responses to DNA damage. • Introduces important new material reflective of the major changes and developments that have occurred in the field over the last decade. • Discussed the field within a strong historical framework, and all aspects of biological responses to DNA damage are detailed. • Provides information on covering sources and consequences of DNA damage; correcting altered bases in DNA: DNA repair; DNA damage tolerance and mutagenesis; regulatory responses to DNA damage in eukaryotes; and disease states associated with defective biological responses to DNA damage.

"Cell signaling, which is also often referred to as signal transduction or, in more

specialized cases, transmembrane signaling, is the process by which cells communicate with their environment and respond temporally to external cues that they sense there. All cells have the capacity to achieve this to some degree, albeit with a wide variation in purpose, mechanism, and response. At the same time, there is a remarkable degree of similarity over quite a range of species, particularly in the eukaryotic kingdom, and comparative physiology has been a useful tool in the development of this field. The central importance of this general phenomenon (sensing of external stimuli by cells) has been appreciated for a long time, but it has truly become a dominant part of cell and molecular biology research in the past three decades, in part because a description of the dynamic responses of cells to external stimuli is, in essence, a description of the life process itself. This approach lies at the core of the developing fields of proteomics and metabolomics, and its importance to human and animal health is already plainly evident"--Provided by publisher.

The contribution of tourism to create an inclusive society requires the adoption of new approaches and strategies that promote the accessibility of tourism destinations, allowing all people, regardless of their health condition, to enjoy tourism experiences. To accomplish this objective, it is of utmost relevance to promote the active involvement of all stakeholders of the tourism system (demand, supply, government entities, and educational institutions) in the creation of accessible and adapted tourism products. However, the scarce literature in this area suggests that the people working in the tourism industry are not usually aware of several needs and travel constraints of persons with disabilities and that the information delivered by traditional information sources to this market is frequently inadequate, inaccurate, or incomplete. Therefore, the information and communication technologies (ICTs) may have a crucial role to overcome the several travel constraints that these people face to plan and carry out a tourism trip as well as to enable supply agents to develop accessible tourism products. Despite this, although in recent years research regarding accessible tourism has increased, the number of studies on the contributions of ICTs for the development of accessible research is scarce. *ICT Tools and Applications for Accessible Tourism* provides theoretical and practical contributions for accessible tourism in the growing tourism market for social responsibility issues and as an excellent business opportunity. Chapters within this critical reference source cover the academic discussion of global accessible tourism, increased knowledge of disabilities, ICTs that can be used, and emerging technologies. This book is intended for all practitioners in the tourism industry along with IT specialists, government officials, policymakers, marketers, researchers, academicians, and students who are interested in the latest tools, technologies, and research on accessible tourism.

Designed for both new registered nurses and nurses transitioning to a new clinical area, this extensive clinical reference is the only resource to provide essential information on more than 300 topics from 11 specialty areas. Concise and practical entries provide

fundamental coverage of the most common clinical problems and issues encountered in nursing practice today. Key leaders in clinical content areas authored content on emergency and critical care, geriatric nursing, health systems and health promotion, medical surgical nursing, neonatal nursing, nurse anesthesia, obstetrics and women's health, palliative care, perioperative nursing, pediatric nursing, and psychiatric mental health nursing. Alphabetized for easy access, each entry includes a definition and description of the clinical problem, etiology, nursing assessment, related problems, interventions, nursing management and evaluation, and safety considerations. The Considerations section of each topic focuses on the role of the nurse throughout the treatment process, and discusses the role of other health care providers with a focus on multidisciplinary treatment. Intended primarily for university and hospital libraries, A Guide to Mastery in Clinical Nursing will also be of value to nursing faculty, undergraduate and graduate-level nurses and nursing students at all levels. Key Features: Provides essential information on over 300 clinical topics from 11 specialty areas Offers key knowledge for nurses new to practice or working in an unfamiliar nursing area Presented in a consistent format for ease of use Includes an overview of each specialty area Focuses on the role of the nurse throughout the treatment process Written and edited by expert clinicians and educators in each clinical area

The anchorwoman on the top-rated Spanish television magazine reveals details about the life and tragic death of the Latin music superstar, including information about her murderer. Reissue.

The 10th International Conference on Intelligent Tutoring Systems, ITS 2010, continued the bi-annual series of top-flight international conferences on the use of advanced educational technologies that are adaptive to users or groups of users. These highly interdisciplinary conferences bring together researchers in the learning sciences, computer science, cognitive or educational psychology, cognitive science, artificial intelligence, machine learning, and linguistics. The theme of the ITS 2010 conference was Bridges to Learning, a theme that connects the scientific content of the conference and the geography of Pittsburgh, the host city. The conference addressed the use of advanced technologies as bridges for learners and facilitators of robust learning outcomes. We received a total of 186 submissions from 26 countries on 5 continents: Australia, Brazil, Canada, China, Estonia, France, Georgia, Germany, Greece, India, Italy, Japan, Korea, Mexico, The Netherlands, New Zealand, Pakistan, Philippines, Saudi Arabia, Singapore, Slovakia, Spain, Thailand, Turkey, the UK and USA. We accepted 61 full papers (38%) and 58 short papers. The diversity of the field is reflected in the range of topics represented by the papers submitted, selected by the authors. In its 114th year, Billboard remains the world's premier weekly music publication and a diverse digital, events, brand, content and data licensing platform. Billboard publishes the most trusted charts and offers unrivaled reporting about the latest music, video, gaming, media, digital and mobile entertainment issues and trends.

The 26 articles in this book focus on lifelong learning policies, practices, and programs in 13 Asia Pacific countries. The following papers are included: "Half a Revolution: A Brief Survey of Lifelong Learning in New Zealand" (P. Methven and J. Hansen); "HRD in a Multicultural Workplace: The Need for Lifelong Learning" (M. Ogisu-Kamiya); "Lifelong Learning: The Whole DAMN Cycle. A Singapore Perspective" (D. Pan); "Advancing Lifelong Learning through Adult Education Policy in Chinese Taipei" (C.

Wang); "Articulation and Transfer: Critical Contributions to Lifelong Learning" (F. Kintzer); "Trends in Hong Kong University Management: Towards a Lifelong Learning Paradigm" (S. Liu); "Lifelong Learning in a Developed and Developing Economy" (C. Beaupre); "An Empirical Framework for Implementing Lifelong Learning Systems" (L. Seng and L. Hwee); "Lifelong Learning in Malaysia" (Y. Leong); "Lifelong Learning and Basic Literacy: Adult Literacy Education in Chinese Taipei" (C. Ho); "Schools as Centres of Lifelong Learning for All" (J. Chapman and D. Aspin); "Lifelong Learning in the United States and Hong Kong: Before 1997 and After" (A. Yee and J. Cheng); "Lifelong Learning: An Instrument for Improving School Education in Japan?" (Y. Sawano); "Lifelong Learning in Hong Kong" (G. Lee); "Lifelong Learning and Cultural Identity: Canada's Native People" (B. Rice and J. Steckley); "Non-Formal Education in the Philippines: A Fundamental Step Towards Lifelong Learning" (C. Gonzales and C. Pijano); "Distance Education: A Key Strategy for Lifelong Learning in Chinese Taipei" (J. Huang); "Prior Learning Assessment: U.S. Experience Facilitating Lifelong Learning" (C. Mann); "Thoughts on a Regional Approach for Lifelong Learning" (J. Yoshio); "Contribution of SMP Terbuka Toward Lifelong Learning in Indonesia" (A. Sadiman and R. Rahardjo); "Two Wheels for Lifelong Learning in Korea: Credit Banking & Multimedia Technology" (M. Pak); "Lifelong Learning, Workforce Development and Economic Success" (A. Lee); "From Supplemental Education to Lifelong Learning in Chinese Taipei" (C. Lee); "Recent Developments in Japan's Lifelong Learning Society" (A. Makino); "Lifelong Learning in the People's Republic of China" (H. Wu and Q. Ye); and "A Pure Theory of Lifelong Learning" (M. Hatton). (BCY)

Gloria has devoted her life to her two sons and found joy tending her backyard garden. She had no idea anything was missing until Matt strolled in pushing a wheelbarrow. The attraction was immediate. After his divorce, Matt's goal was to be the best father he could be for his daughters. Toward that end, he's spent his time growing his landscape business. His plans never included falling in love again. Love descended upon them in a backyard filled with dying roses. Together, they were able to not only revive the roses but to rekindle the light of love within each other. Now Matt has proposed, Gloria has accepted, and they look forward to a future together. Can Gloria and Matt weed through the challenges--including exes and kids--that arise after Matt's proposal and find true love and happiness with each other?

From 1894/95-1935/36, pt.6 of each volume is issued separately, with titles, 1894/95-1902/03: Code list of merchant vessels of the United States; 1903/04-1935/36: Seagoing vessels of the United States.

Since 2000, more than 150 journalists have been killed in Mexico. Today the country is one of the most dangerous in the world in which to be a reporter. In *Surviving Mexico*, Celeste González de Bustamante and Jeannine E. Relly examine the networks of political power, business interests, and organized crime that threaten and attack Mexican journalists, who forge ahead despite the risks. Amid the crackdown on drug cartels, overall violence in Mexico has increased, and journalists covering the conflict have grown more vulnerable. But it is not just criminal groups that want reporters out of the way. Government forces also attack journalists in order to shield corrupt authorities and the very criminals they are supposed to be fighting. Meanwhile some news organizations, enriched by their ties to corrupt government officials and criminal groups, fail to support their employees. In some cases, journalists must wait for a "green light"

to publish not from their editors but from organized crime groups. Despite seemingly insurmountable constraints, journalists have turned to one another and to their communities to resist pressures and create their own networks of resilience. Drawing on a decade of rigorous research in Mexico, González de Bustamante and Rely explain how journalists have become their own activists and how they hold those in power accountable.

The ABA Journal serves the legal profession. Qualified recipients are lawyers and judges, law students, law librarians and associate members of the American Bar Association.

From award-winning novelist Betina González, a dizzying, luminous English-language debut about an American town overrun by a mysterious hallucinogen and the collision of three unexpected characters' lives through the mayhem First, in a small Midwestern city, the deer population starts attacking people. So Beryl, a feisty senior with a troubled past, decides to take matters into her own hands, training a squad of fellow retirees to hunt the animals down and reclaim their own vitality. At the same time, a group of protesters decides to abandon the "system" and live in the woods, leaving their children and all responsibility behind. Berenice never thought her mother would join the "dropouts," but she's been gone for several days, and the only clue to what might have happened to her is hidden somewhere in her old scrapbook. Vik, a taxidermist at the natural history museum and an immigrant from the Caribbean, is beginning to see the connections between the dropouts, the deer, and the discord. But he's not about to act on his suspicions—he knows he would somehow be the one to go to jail. Each of these heartfelt and engrossing characters struggles to see their place in a society full of contradictions, but they ultimately rescue one another in surprising ways.

By one of the most original and learned critical voices in Hispanic studies— a timely and ambitious study of authority as theme and authority as authorial strategy in modern Latin American literature. An ideology is implicit in modern Latin American literature, argues Roberto González Echevarría, through which both the literature itself and criticism of it define what Latin American literature is and how it ought to be read. In the works themselves this ideology is constantly subjected to a radical critique, and that critique renders the ideology productive and in a sense is what constitutes the work. In literary criticism, however, too frequently the ideology merely serves as support for an authoritative discourse that seriously misrepresents Latin American literature. In *The Voice of the Masters*, González Echevarría attempts to uncover the workings of modern Latin American literature by creating a dialogue of texts, a dynamic whole whose parts are seven illuminating essays on seminal texts in the tradition. As he says, "To have written a sustained, expository book ... would have led me to make the same kind of critical error that I attribute to most criticism of Latin American literature.... I would have naively assumed an authoritative voice while attempting a critique of precisely that critical gesture." Instead, major works by Barnet, Cabrera Infante, Carpentier, Cortázar, Fuentes, Gallegos, García Márquez, Roa Bastos, and Rodó are the object of a set of independent deconstructive (and reconstructive) readings. Writing in the tradition of Derrida and de Man, González

Echevarría brings to these readings both the penetrative brilliance of the French master and a profound understanding of historical and cultural context. His insightful annotation of Cabrera Infante's "Meta-End," the full text of which is presented at the close of the study, clearly demonstrates these qualities and exemplifies his particular approach to the text.

Handbook of Cell Signaling, Three-Volume Set, 2e, is a comprehensive work covering all aspects of intracellular signal processing, including extra/intracellular membrane receptors, signal transduction, gene expression/translation, and cellular/organotypic signal responses. The second edition is an up-to-date, expanded reference with each section edited by a recognized expert in the field. Tabular and well illustrated, the Handbook will serve as an in-depth reference for this complex and evolving field. Handbook of Cell Signaling, 2/e will appeal to a broad, cross-disciplinary audience interested in the structure, biochemistry, molecular biology and pathology of cellular effectors. Contains over 350 chapters of comprehensive coverage on cell signaling Includes discussion on topics from ligand/receptor interactions to organ/organism responses Provides user-friendly, well-illustrated, reputable content by experts in the field

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In the face of life-threatening news, how does our view of life change—and what do we do to transform it? *Remaking a Life* uses the HIV/AIDS epidemic as a lens to understand how women generate radical improvements in their social well being in the face of social stigma and economic disadvantage. Drawing on interviews with nationally recognized AIDS activists as well as over one hundred Chicago-based women living with HIV/AIDS, Celeste Watkins-Hayes takes readers on an uplifting journey through women's transformative projects, a multidimensional process in which women shift their approach to their physical, social, economic, and political survival, thereby changing their viewpoint of "dying from" AIDS to "living with" it. With an eye towards improving the lives of women, *Remaking a Life* provides techniques to encourage private, nonprofit, and government agencies to successfully collaborate, and shares policy ideas with the hope of alleviating the injuries of inequality faced by those living with HIV/AIDS everyday.

This book is an indispensable tool for anyone involved in the research, development, or manufacture of new or existing vaccines. It describes a wide array of analytical and quality control technologies for the diverse vaccine modalities. Topics covered include the application of both classical and modern bio-analytical tools; procedures to assure safety and control of cross contamination; consistent biological transition of vaccines from the research laboratory to manufacturing scale; whole infectious attenuated organisms, such as live-attenuated and inactivated whole-cell bacterial vaccines and antiviral vaccines using attenuated or inactivated viruses; principles of viral inactivation and the application of these principles to vaccine development; recombinant DNA approaches to produce modern prophylactic vaccines; bacterial subunit,

polysaccharide and glycoconjugate vaccines; combination vaccines that contain multiple antigens as well as regulatory requirements and the hurdles of licensure.

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