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The Campus Peace Officer Passbook(R) prepares you for your test by allowing you to take practice exams in the subjects you need to study. It provides hundreds of questions and answers in the areas that will likely be covered on your upcoming exam, including but not limited to: dispute resolution; customer service; interviewing skills; ability to follow orders/take direction; investigation; police reading comprehension; safety and security; and more.

This book introduces fundamental concepts of cyber resilience, drawing expertise from academia, industry, and government. Resilience is defined as the ability to recover from or easily adjust to shocks and stresses. Unlike the concept of security - which is often and incorrectly conflated with resilience -- resilience refers to the system's ability to recover or regenerate its performance after an unexpected impact produces a degradation in its performance. A clear understanding of distinction between security, risk and resilience is important for developing appropriate management of cyber threats. The book presents insightful discussion of the most current technical issues in cyber resilience, along with relevant methods and procedures. Practical aspects of current cyber resilience practices and techniques are described as they are now, and as they are likely to remain in the near term. The bulk of the material is presented in the book in a way that is easily accessible to non-specialists. Logical, consistent, and continuous discourse covering all key topics relevant to the field will be of use as teaching material as well as source of emerging scholarship in the field. A typical chapter provides introductory, tutorial-like material, detailed examples, in-depth elaboration of a selected technical approach, and a concise summary of key ideas.

The standoff at Cliven Bundy's ranch, the rise of white identity activists on college campuses, and the viral growth of white nationalist videos on YouTube vividly illustrate the resurgence of white supremacy and overt racism in the United States. White resistance to racial equality can be subtle as well—like art museums that enforce their boundaries as elite white spaces, “right on crime” policies that impose new modes of surveillance and punishment for people of color, and environmental groups whose work reinforces settler colonial norms. In this incisive volume, twenty-four leading sociologists assess contemporary shifts in white attitudes about racial justice in the US. Using case studies, they investigate the entrenchment of white privilege in institutions, new twists in anti-equality ideologies, and “whitelash” in the actions of social movements. Their examinations of new manifestations of racist aggression help make sense of the larger forces that underpin enduring racial inequalities and how they reinvent themselves for each new generation.

The mother of Emmett Till recounts the story of her life, her son's tragic death, and the dawn of the civil rights movement—with a foreword by the Reverend Jesse L. Jackson, Sr. In August 1955, a fourteen-year-old African American, Emmett Till, was visiting family in Mississippi when he was kidnapped from his bed in the middle of the night by two white men and brutally murdered. His crime: allegedly whistling at a white woman in a convenience store. The killers were eventually acquitted. What followed altered the course of this country's history—and it was all set in motion by the sheer will, determination, and courage of Mamie Till-Mobley, whose actions galvanized the civil rights movement, leaving an indelible mark on our racial consciousness. *Death of Innocence* is an essential document in the annals of American civil rights history, and a painful yet beautiful account of a mother's ability to transform tragedy into boundless courage and hope. Praise for *Death of Innocence* “A testament to the power of the indestructible human spirit [that] speaks as eloquently as the diary of Anne Frank.”—The Washington Post Book World “With this important book, [Mamie Till-Mobley] has helped ensure that the story of her son (and her own story)

will not soon be forgotten. . . . A riveting account of a tragedy that upended her life and ultimately the Jim Crow system.”—Chicago Tribune “The book will . . . inform or remind people of what a courageous figure for justice [Mamie Till-Mobley] was and how important she and her son were to setting the stage for the modern-day civil rights movement.”—The Detroit News “Poignant . . . In his mother’s descriptions, Emmett becomes more than an icon; he becomes a living, breathing youngster—any mother’s child.”—Pittsburgh Post-Gazette “Powerful . . . [Mamie Till-Mobley’s] courage transformed her loss into a moral compass for a nation.”—Black Issues Book Review Robert F. Kennedy Book Award Special Recognition • BlackBoard Nonfiction Book of the Year

This book provides a synthesis of the key issues and challenges facing agriculture and food production in Southern Africa. Southern Africa is facing numerous challenges from diverse issues such as agricultural transformations, growing populations, urbanization and climate change. These challenges place great pressure on food security, agriculture, water availability and other natural resources, as well as impacting biodiversity. Drawing on case studies from Lesotho, Malawi, Mozambique, Namibia, South Africa, Swaziland, Tanzania, Zambia and Zimbabwe, the chapters in this book consider these challenges from an interdisciplinary perspective, covering key areas in constraints to production, the most important building blocks of good farming practices, and established and emerging technologies. This book will be a valuable support for informing new policies and processes aimed at improving food production and security and developing sustainable agriculture in Southern Africa. This informative volume will be key reading for those interested in agricultural science, African studies, rural studies, development studies and sustainability. It will also be a valuable resource for policymakers, governmental and nongovernmental organizations, and agricultural practitioners.

Love can heal the deepest wounds... A sense of duty brings a soldier home...but a passionate cowboy makes him want to stay. After his brother’s tragic death, Tripp has to leave the army and return to New Mexico to take care of his mother while his father is in prison for arson. Seeking work at the J-Bar Ranch, Tripp is immediately drawn to injured cowboy Lucho Reyes, whose foot was accidentally crushed by a rescue horse. But will the sins of the father interfere with the desires of the son? Tripp’s father may be responsible for the death of Lucho’s grandfather. Now Tripp must balance caring for his mother, repairing his father’s damages, and trying to win the heart of a man who has every reason to hate him and his family... Praise for Z. A. Maxfield: “Z. A. Maxfield has a lyrical way of writing that makes it easy to escape into the world that she creates for her characters.”—Night Owl Reviews “... The thing that you managed to pull off that made [...] me happy was that ePistols at Dawn was also a damn good story and a hot, exciting romance.”—Dear Author “Maxfield has written another gem and a winner. Run, don’t walk, to get a copy of Stirring Up Trouble today.”—ReviewsbyJessewave.com “Secret Light is not necessarily a feel good story but it’s wonderfully written and highlights a more realistic look at gay men.”—Long and Short Reviews “The characters are strongly written and will pull you into their story right from the beginning.”—Three Crow Press about Gasp! Z. A. Maxfield started writing in 2007 on a dare from her children and never looked back. Pathologically disorganized, and perennially optimistic, she writes as much as she can, reads as much as she dares, and enjoys her time with family and friends. If anyone asks her how a wife and mother of four manages to find time for a writing career, she’ll answer, “It’s amazing what you can accomplish if you give up housework.” Her published books include My Cowboy Heart, My Heartache Cowboy, Crossing Borders, Epic Award finalist St. Nacho’s, Drawn Together, ePistols at Dawn, Notturmo, Stirring Up Trouble, and Vigil.

On July 24, 1701, Antoine de La Mothe Cadillac stood in the heart of the wilderness on a bluff overlooking the Detroit River and claimed this frontier in the name of Louis XIV; thus began the story of Detroit, a city marked by pioneering spirits, industrial acumen, and uncommon

durability. Over the course of its 300-year history, Detroit has been sculpted into a city unique in the American experience by its extraordinary mixture of diverse cultures: American Indian, French, British, American colonial, and a variety of immigrant newcomers. *Detroit: A Motor City History* documents the major events that shaped this once-small French fur-trading outpost across three centuries of conflict and prosperity. Through informative text and a variety of imagery, readers experience firsthand the struggles of the nascent village against raiding Indian tribes and the incessant political and military tug of war between the colonial French and English, and then American interests. Like many other major cities across the United States, Detroit played a pivotal role in establishing the country's economic and industrial power in the nineteenth and twentieth centuries, serving as a center for its well-known civilian and military mass-production resources. This visual history provides insight into Detroit's rapid evolution from a hamlet into a metropolis against a backdrop of important community and national affairs: the decimating fire of 1805, the War of 1812, the Civil War, the Industrial Revolution, the Great Depression, and both world wars.

Learning is the foundation of the human experience. It begins at birth and never stops, a continuous and malleable link across life stages of human development. Disparities in learning access and outcomes around the world have deep consequences for income, social mobility, health, and well-being. For international development practitioners faced with today's unprecedented environmental and geopolitical pressures, learning should be viewed as a touchstone and target for those seeking to truly effect global change. This book traces the path of international development work—from its pre-colonial origins to the emergence of economics as the dominant discipline in the field—and lays out a new agenda for policymakers, researchers, and practitioners, from early education through adulthood. *Learning as Development* is an attempt to rethink international education in a changing world.

This text describes the genetics and products of the HLA region and their relationship to diseases including diabetes, rheumatoid arthritis and SLE. The statistical principles relevant to the design and interpretation of HLA and disease studies are presented in simple and accessible language.

Gender diversity as a corporate governance mechanism is high on the agenda for regulators, firms, and researchers. Particularly, gender board composition has received a great deal of attention in recent years. The theoretical foundations of the benefits associated with the inclusion of female directors on boards, how to measure gender diversity in the boardroom, and its real impact on board decisions and firm strategies remain hotly debated. Drawing on empirical data, this book summarises the current situation regarding gender board diversity and provides a concise overview of the most important concerns about this topic. This will be a vital tool to guide the future debate on gender diversity and corporate governance for researchers and advanced students, as well as regulators, policy makers and board members.

This book is the outcome of a research project directed by Natalino Ronzitti, to explore the current status and future prospects of international humanitarian law of air warfare. This is achieved through the analysis of international customary law, the conventional provisions in force and the most recent State practice. As the most recent conflicts suggest, air warfare has known an exponential growth. However, even a rapid analysis of the international humanitarian law applicable to air warfare shows a defective and fragmentary situation. This book will fill the current gap that exists in legal literature and will critically review and evaluate recent State practice.

This book describes innovative techniques to address the testing needs of 3D stacked integrated circuits (ICs) that utilize through-silicon-vias (TSVs) as vertical interconnects. The authors identify the key challenges facing 3D IC testing and present results that have emerged from cutting-edge research in this domain. Coverage includes topics ranging from die-level wrappers, self-test circuits, and TSV probing to test-architecture design, test scheduling, and optimization. Readers will benefit from an in-depth look at test-technology solutions that are needed

to make 3D ICs a reality and commercially viable.

"What does it mean to be Black in a white, middle-class community? Is it the ultimate symbol of success? Or will one pay in isolation, alienation, rootlessness? What price must one pay for paradise? Is the price too high? Beverly Daniel Tatum, a renowned authority on the psychology of racism, interviewed Black families in depth to identify the sacrifices and achievements necessary to survive and prosper in a white community. For the Black citizens of 'Sun Beach, ' dual-income households, religious affiliation, and extended families help maintain stability. But with assimilation comes an insidious 'hidden racism, ' subtly communicated when Black children aren't called on in class and revealed more fully in incidents of racial name-calling. By listening to the individual voices of these children and their parents, Dr. Tatum skillfully probes the complex questions of identity that arise for a visible people rendered invisible by their surroundings"--Publisher description.

This book is a sequel to the volume of selected papers of Dyson up to 1990 that was published by the American Mathematical Society in 1996. The present edition comprises a collection of the most interesting writings of Freeman Dyson, all personally selected by the author, from the period 1990–2014. The five sections start off with an Introduction, followed by Talks about Science, Memoirs, Politics and History, and some Technical Papers. The most noteworthy is a lecture entitled Birds and Frogs to the American Mathematical Society that describes two kinds of mathematicians with examples from real life. Other invaluable contributions include an important tribute to C. N. Yang written for his retirement banquet at Stony Brook University, as well as a historical account of the Operational Research at RAF Bomber Command in World War II provocatively titled A Failure of Intelligence. The final section carries the open-ended question of whether any conceivable experiment could detect single gravitons to provide direct evidence of the quantization of gravity — Is a Graviton Detectable? Various possible graviton-detectors are examined. This invaluable compilation contains unpublished lectures, and surveys many topics in science, mathematics, history and politics, in which Freeman Dyson has been so active and well respected around the world.

A co-publication of the World Bank, International Finance Corporation and Oxford University Press

This document outlines the UNAIDS 2011-2015 strategy. It was approved by the UNAIDS Board in December 2010. It outlines three strategic directions to reach the UNAIDS vision of zero new HIV infections, zero Discrimination and zero AIDS-related deaths: revolutionize HIV prevention; advance human rights and gender equality for the HIV response and catalyse the next phase of treatment, care and support. Universal Design is the term used to describe the design of products and environments which can be used by all people, to the greatest extent possible, without the need for adaptation or specialized design. It is not a euphemism for 'designs for people with a disability', but really is about designing to include all people, regardless of their age, ability, cultural background or status in life. However it remains the case that many designers and developers fail to understand the need for universal design and lack the skills needed to implement it. This book presents papers from the 3rd International Conference on Universal Design (UD 2016), held in York, UK, in August 2016. The theme of the conference was: learning from the past, designing for the future, and it aimed to bring together policymakers, practitioners and researchers interested in the different strands of universal design to exchange ideas and best practice, review some of the developments in universal design from the last 20 years, and formulate strategies for taking the concept of universal design forward into the future. The book is divided into two sections. Section 1: About Universal Design, and Section 2: Universal Design In Practice. The book will be of interest to all those whose work involves design, from the built environment and tangible products to communication, services and systems.

This diary/journal/notebook has 120 pages. It is designed for you or may be a perfect gift to your colleague or coworker. This unique and

funny journal notebook is sure to put a smile on someone's face It is perfect notebook for taking down notes, to-do lists, reminders or just writing down phone- numbers. Perfect to keep track of all meetings, passions and others throughout the entire year. Its unique and funny cover design is universal and suitable for everybody: man, woman, boy, girl, student, employee . It makes a great gift, Features: Size: 6" x 9" inch Paper: Ruled paper Pages: 120 pages Cover: Soft, glossy cover ideal size to carry everywhere in your bag Get your notebook today! This book constitutes the refereed proceedings of the 12th International Conference on Persuasive Technology, PERSUASIVE 2017, held in Amsterdam, The Netherlands, in April 2017. The 23 revised full papers presented were carefully reviewed and selected from 85 submissions. The papers are grouped in topical sections on health(care), monitoring, and coaching; personality, personalization, and persuasion; motivations, facilitators, and barriers; design principles and strategies.

Enabling the Business of Agriculture 2017, the third report in the series, offers insights into how laws and regulations affect private sector development for agribusinesses, including producer organizations and other agricultural entrepreneurs. Globally comparable data and scored indicators encourage regulations that ensure the safety and quality of agricultural inputs, goods and services but are not too costly or burdensome. The goal is to facilitate the operation of agribusinesses and allow them to thrive in a socially and environmentally responsible way, enabling them to provide essential agricultural inputs and services to farmers that could increase their productivity and profits. Regional, income-group and country-specific trends and data observations are presented for 62 countries and across 12 topics: seed, fertilizer, machinery, finance, markets, transport, water, ICT, land, livestock, environmental sustainability and gender. Data are current as of June 30, 2016. For more information, please see <http://eba.worldbank.org>

Agrobiodiversity provides most of our food through our interaction with crops and domestic animals. Future global food security is firmly anchored in sound, science-based management of agrobiodiversity. This book presents key concepts of agrobiodiversity management, critically reviewing important current and emerging issues including agricultural development, crop introduction, practical diversity in farming systems, impact of modern crop varieties and GM crops, conservation, climate change, food sovereignty and policies. It will also address claims and misinformation in the subject based on sound scientific principles.

Despite spectacular advances, modern medicine faces formidable global challenges in several key areas-notably the persistence of major killer diseases such as malaria, tuberculosis, leprosy, and newer threats including HIV/AIDS, resistant infections, and Ebola. As such, modern medicine has not led to a significant decrease in chronic diseases like diabetes, obesity, and other degenerative and autoimmune diseases. The authors believe that modern medicine needs to experience a paradigm shift, an integration of traditions-in particular from the ancient systems like Ayurveda and Yoga. Integrative Approaches for Health: Biomedical Research, Ayurveda and Yoga brings together the basic principles of interdisciplinary systems approach for an evolving construct of future medicine. Such an approach is already emerging at the cutting edge of current research in omics, bioinformatics, computational and systems biology. Several leading institutions of medicine have adopted Yoga and complementary medicine to widen their reach, and deepen effectiveness in therapeutic practices. The amalgam of modern medicine, with its strengths in scientific rigor, blended with the basic principles of life drawn from Ayurveda and Yoga might evolve into a medicine of tomorrow. Integrative approaches are no longer alternative, perhaps taking these approaches is the only possible way to heal our sick planet. This book introduces important trends and tools for biomedical researchers and physicians alike, to innovate the practice of medicine for the better. Contains a harmonious confluence of ancient and modern concepts, historical perspectives, philosophical underpinnings, and a relevant review of literature supported by worldwide case studies. Provides a critical analysis of ancient wisdom,

pointing to potential areas for future research, which provide food for thought for public debate on integrative health care for the twenty-first century. Explains Ayurveda knowledge, and its relevance to drug discovery, nutrition, genomics, epigenetics, regenerative biology, longevity and personalized medicine. Shares Yoga knowledge insights, and explains its relevance to body-mind complex relationships, psychology, neurobiology, immunoendocrinology, bioenergetics, consciousness, and cognitive sciences. Offers illustrations and logic diagrams for enhanced understanding of the concepts presented.

A major new biography of Duke Ellington from the acclaimed author of *Pops: A Life of Louis Armstrong* Edward Kennedy “Duke” Ellington was the greatest jazz composer of the twentieth century—and an impenetrably enigmatic personality whom no one, not even his closest friends, claimed to understand. The grandson of a slave, he dropped out of high school to become one of the world’s most famous musicians, a showman of incomparable suavity who was as comfortable in Carnegie Hall as in the nightclubs where he honed his style. He wrote some fifteen hundred compositions, many of which, like “Mood Indigo” and “Sophisticated Lady,” remain beloved standards, and he sought inspiration in an endless string of transient lovers, concealing his inner self behind a smiling mask of flowery language and ironic charm. As the biographer of Louis Armstrong, Terry Teachout is uniquely qualified to tell the story of the public and private lives of Duke Ellington. A semi-finalist for the National Book Award, Duke peels away countless layers of Ellington’s evasion and public deception to tell the unvarnished truth about the creative genius who inspired Miles Davis to say, “All the musicians should get together one certain day and get down on their knees and thank Duke.”

Every two years, the International Association for the Study of Pain publishes a compendium of benchmark papers that summarize the current status of pain research, treatment, and management throughout the world. Presented at the 15th World Congress on Pain in Buenos Aires in October 2014, these papers represent the thinking of the world's top pain scientists and clinicians. IASP distributes this book to participants in the Refresher Courses, and it is now available to pain researchers and clinicians who were unable to attend the Congress. This book addresses the most pressing current questions in the management of urologic malignancies. The rapid advances in imaging and molecular markers are placed into a clinical context, with explanation of their effects on prognosis and treatment planning. Similarly, progress in immunotherapy is carefully examined, focusing in particular on the role of immune checkpoint inhibitors in both early- and late-stage urologic malignancies. Looking beyond the improvements in minimally invasive techniques for urologic cancers, the impacts of care coordination pathways and enhanced recovery after surgery protocols are reviewed. Readers will also find enlightening discussion of the decision algorithm for the treatment of early-stage, high-grade bladder cancer, taking into account evidence on the most advanced treatment options and the circumstances in which surgery may need to be expedited. The penultimate chapter discusses the Cancer Genome Atlas project for bladder cancer, and the book closes by considering contemporary medical and surgical management of testicular cancer.

In order for the United States to maintain the global leadership and competitiveness in science and technology that are critical to achieving national goals, we must invest in research, encourage innovation, and grow a strong and talented science and technology workforce.

Expanding Underrepresented Minority Participation explores the role of diversity in the science, technology, engineering and mathematics (STEM) workforce and its value in keeping America innovative and competitive. According to the book, the U.S. labor market is projected to grow faster in science and engineering than in any other sector in the coming years, making minority participation in STEM education at all levels a national priority. *Expanding Underrepresented Minority Participation* analyzes the rate of change and the challenges the nation currently faces in developing a strong and diverse workforce. Although minorities are the fastest growing segment of the population, they are

underrepresented in the fields of science and engineering. Historically, there has been a strong connection between increasing educational attainment in the United States and the growth in and global leadership of the economy. Expanding Underrepresented Minority Participation suggests that the federal government, industry, and post-secondary institutions work collaboratively with K-12 schools and school systems to increase minority access to and demand for post-secondary STEM education and technical training. The book also identifies best practices and offers a comprehensive road map for increasing involvement of underrepresented minorities and improving the quality of their education. It offers recommendations that focus on academic and social support, institutional roles, teacher preparation, affordability and program development.

Presents a challenge to international relations scholars to think globally, understanding the field's development in the Global South alongside the traditionally dominant Western approach.

Stamp your passport for adventure, intrigue, and danger on your expedition to exotic locales with The Greatest Generation's cartoonist-in-chief! "Who am I?" "Where am I?" Steve is left with some thorny questions after posing as the leader of a Nazi resurgence organization and teaming with Minerva Kaol in an attempt to flush out this hate-mongering group. If that wasn't headache enough, guess who's back from his stay in a Mongolian prison? Doogie Hogan, that's who! Stateside, Poteet finds a new friend in young aviatrix Bitsy Beekman. Together they tackle drug smuggling, explore the upcoming Olympic games, and deal with the scourge of society--hippies! Milton Caniff offers his unique perspective of the war-torn world of 1967 and '68 in Steve Canyon, Volume 11! The Greatest Generation's cartoonist-in-chief, Milton Caniff, continues to appeal to two disparate groups--comics aficionados as well as active military and veterans. The Air Force created an official record for Steve Canyon, the only time a fictional character was so honored.

Since the arrival of Europeans about 500 years ago, an estimated 50,000 non-native species have been introduced to North America (including Hawaii). Non-native species figure prominently in our lives, often as ornamentals, sources of food or pests. Although many introduced species are beneficial, there is increasing awareness of the enormous economic costs associated with non-native pests. In contrast, the ecological impacts of non-native species have received much less public and scientific attention, despite the fact that invasion by exotic species ranks second to habitat destruction as a cause of species loss. In particular, there is little information about the ecological impacts of hyper-diverse groups such as terrestrial fungi and invertebrates. A science symposium, Ecological impacts of non-native invertebrates and fungi on terrestrial ecosystems, held in 2006, brought together scientists from the USA and Canada to review the state of knowledge in this field of work. Additional reviews were solicited following the symposium. The resulting set of review/synthesis papers and case studies represents a cross-section of work on ecological impacts of non-native terrestrial invertebrates and fungi. Although there is a strong focus on Canadian work, there is also significant presentation of work in the northern USA and Europe.

A timely exploration of intellectual dogmatism in politics, economics, religion, and literature—and what can be done to fight it Polarization may be pushing democracy to the breaking point. But few have explored the larger, interconnected forces that have set the stage for this crisis: namely, a rise in styles of thought, across a range of fields, that literary scholar Gary Saul Morson and economist Morton Schapiro call “fundamentalist.” In *Minds Wide Shut*, Morson and Schapiro examine how rigid adherence to ideological thinking has altered politics, economics, religion, and literature in ways that are mutually reinforcing and antithetical to the open-mindedness and readiness to compromise that animate democracy. In response, they propose alternatives that would again make serious dialogue possible. Fundamentalist thinking, Morson and Schapiro argue, is not limited to any one camp. It flourishes across the political spectrum, giving rise to dueling monologues of

shouting and abuse between those who are certain that they can't be wrong, that truth and justice are all on their side, and that there is nothing to learn from their opponents, who must be evil or deluded. But things don't have to be this way. Drawing on thinkers and writers from across the humanities and social sciences, Morson and Schapiro show how we might begin to return to meaningful dialogue through case-based reasoning, objective analyses, lessons drawn from literature, and more. The result is a powerful invitation to leave behind simplification, rigidity, and extremism—and to move toward a future of greater open-mindedness, moderation, and, perhaps, even wisdom. Driven by discoveries, and enabled by leaps in technology and imagination, our understanding of the universe has changed dramatically during the course of the last few decades. The fields of astronomy and astrophysics are making new connections to physics, chemistry, biology, and computer science. Based on a broad and comprehensive survey of scientific opportunities, infrastructure, and organization in a national and international context, *New Worlds, New Horizons in Astronomy and Astrophysics* outlines a plan for ground- and space- based astronomy and astrophysics for the decade of the 2010's. Realizing these scientific opportunities is contingent upon maintaining and strengthening the foundations of the research enterprise including technological development, theory, computation and data handling, laboratory experiments, and human resources. *New Worlds, New Horizons in Astronomy and Astrophysics* proposes enhancing innovative but moderate-cost programs in space and on the ground that will enable the community to respond rapidly and flexibly to new scientific discoveries. The book recommends beginning construction on survey telescopes in space and on the ground to investigate the nature of dark energy, as well as the next generation of large ground-based giant optical telescopes and a new class of space-based gravitational observatory to observe the merging of distant black holes and precisely test theories of gravity. *New Worlds, New Horizons in Astronomy and Astrophysics* recommends a balanced and executable program that will support research surrounding the most profound questions about the cosmos. The discoveries ahead will facilitate the search for habitable planets, shed light on dark energy and dark matter, and aid our understanding of the history of the universe and how the earliest stars and galaxies formed. The book is a useful resource for agencies supporting the field of astronomy and astrophysics, the Congressional committees with jurisdiction over those agencies, the scientific community, and the public.

A Native American poet explores aspects of language, American Indian culture, and the land.

Mortal Remains introduces new methods of analyzing death and its crucial meanings over a 240-year period, from 1620 to 1860, untangling its influence on other forms of cultural expression, from religion and politics to race relations and the nature of war. In this volume historians and literary scholars join forces to explore how, in a medically primitive and politically evolving environment, mortality became an issue that was inseparable from national self-definition. Attempting to make sense of their suffering and loss while imagining a future of cultural permanence and spiritual value, early Americans crafted metaphors of death in particular ways that have shaped the national mythology. As the authors show, the American fascination with murder, dismembered bodies, and scenes of death, the allure of angel sightings, the rural cemetery movement, and the enshrinement of George Washington as a saintly father, constituted a distinct sensibility. Moreover, by exploring the idea of the vanishing Indian and the brutality of slavery, the authors demonstrate how a culture of violence and death had an early effect on the American collective consciousness. *Mortal Remains* draws on a

range of primary sources—from personal diaries and public addresses, satire and accounts of sensational crime—and makes a needed contribution to neglected aspects of cultural history. It illustrates the profound ways in which experiences with death and the imagery associated with it became enmeshed in American society, politics, and culture. Dare Buckley has come home—or at least, he's come back to Palladian, the small town he left as a teenager. After a major lapse in judgment forced him to resign from the Seattle PD, Palladian is the only place that'll hire him. There's one benefit to hitting rock bottom, though: the chance to investigate the mystery of his father's suicide. He also gets to reacquaint himself with Finn Fowler, whose childhood hero worship ended in uncomfortable silence when Dare moved away. But Finn isn't the same little kid Dare once protected. He's grown into an attractive, enigmatic stranger who neither wants nor needs what Dare has to offer. In fact, Dare soon realizes that Finn's keeping secrets—his own and the town's. And he doesn't seem to care that Dare needs answers. The atmosphere in Palladian, like its namesake river, appears placid, but dark currents churn underneath. When danger closes in, Dare must pit his ingenuity against his heart, and find his way home the hard way.

Precision agriculture (PA) and its suite of information technologies—such as soil and yield mapping using a global positioning system (GPS), GPS tractor guidance systems, and variable-rate input application—allow farm operators to fine-tune their production practices. Access to detailed, within-field information can decrease input costs and increase yields. USDA's Agricultural Resource Management Survey shows that these PA technologies were used on roughly 30 to 50 percent of U.S. corn and soybean acres in 2010-12. Previous studies suggest that use of PA is associated with higher profits under certain conditions, but aggregate estimates of these gains have not been available. In this report, a treatment-effects model is developed to estimate factors associated with PA technology adoption rates and the impacts of adoption on profits. Labor and machinery used in production and certain farm characteristics, like farm size, are associated with adoption as well as with two profit measures, net returns and operating profits. The impact of these PA technologies on profits for U.S. corn producers is positive, but small. Keywords: Crop production information technologies, precision agriculture, variable-rate technology, soil tests, global positioning system maps, guidance systems.

Family-owned businesses account for many of the small and medium-sized enterprises that exist around the world in various industries. Due to their unique make up, these firms are often heavily influenced by family dynamics that must be reconciled by family and non-family workers alike in order to ensure the sustainability of the business. As smaller businesses competing against an increasingly globalized economy and more directly impacted by economic instability, especially in the wake of the COVID-19 pandemic, these businesses must continue to improve their practices and

processes in order to not only survive but thrive. The Research Anthology on Strategies for Maintaining Successful Family Firms discusses the strategies, sustainability, and human aspects of family firms in order to understand what sets them apart from other businesses and how they can survive and compete in a globalized economy. This book discusses the unique dynamic brought by family firms that offers both opportunities and challenges for a growing business.

Covering topics such as corporate venturing, the family unit, and business ethics, this text is an essential resource for family firms, entrepreneurs, managers, business students, business professors, researchers, and academicians.

This unique textbook provides a clear and concise overview of the key principles of the complex field of phylogenomics, with a particular focus on sequencing technologies that are crucial to studying and understanding interrelations in evolutionary genomics. It includes chapters dedicated to the analysis of nucleotide sequences using assembling and alignment methods and also discusses the main strategies for phylogenetic studies, systematic errors and their correction. This highly readable textbook is intended for graduate students and young researchers with an interest in phylogenetics and evolutionary developmental biology.

This book emphasizes past and current research efforts about principles of natural control of major parasites affecting humans, animals, and crops. Each chapter is a complete and integrated subject that presents a problem and confers on the safe alternatives to chemicals. This book discusses and updates information about three major topics of natural remedies. The first topic is represented in a chapter outlining important information on biological control of parasites, the second topic is represented in three chapters dealing with botanicals as promising antiparasitic agents, and the last four chapters deal with miscellaneous control strategies against parasites. This easily readable book is designed precisely for students as well as professors linked with the field of parasitic control. We enhanced words with breathing areas in the form of graphical abstracts, figures, photographs, and tables.

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