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Featuring the previously unpublished diary of José María Sobral, Under-Lieutenant of the Argentine Navy, this book provides insight on his life and his participation in Otto Nordenskjöld's Swedish Antarctic Expedition of 1901-1903. This biography highlights Sobral's personal thoughts on the mission, his position, the science being discovered, and the geopolitical situation around him. The reader also learns about the state of science, Antarctic exploration, and cultural-political-issues at that time. The author's critical and contextual analysis of the diary explains more about Sobral and his role in Argentina, Antarctica, science and history. This paints a detailed picture of Sobral as an individual, and provides the framework to depict the world in which Sobral lived and worked as well as his expedition and accomplishments. The book aims to explain the context of Sobral's writings, the significance of the events he described in his diary entries, and the way all of these events tied into history and scientific discovery.

A massive tsunami caused by the strongest earthquake to ever hit Japan triggered the world's worst nuclear crisis since the Chernobyl accident 25 years earlier. The monster waves that crashed into the Fukushima Daiichi nuclear plant in March 2011 killed 15,000 people and caused nuclear reactor meltdowns that threatened the lives of thousands more. The waves receded long ago, but the devastating effects of the nuclear accident still linger.

Arguably, one of the long waited political handover of power, globally, happened in November 2017 in Zimbabwe when the former and now late 37- year long serving and divisive President, Robert Gabriel Mugabe was forced out of power by a combination of forces that were

spearheaded by the military's Operation Restore Legacy. Mugabe's departure ushered in President Emmerson Dambudzo Mnangagwa's reign. This transition has variously been characterised as marking the inauguration of the Second Republic or New Dispensation or as heralding a new Zimbabwe that is 'Open for Business'. From the moment of the investiture of President Mnangagwa's government, anticipations of seismic changes to the order of doing business by both the incoming government and the larger Zimbabwean society in general, were extremely high. There was an expectation that international cooperation with global partners, especially in the West, would be restored alongside the reinvigoration of a near comatose domestic economy. But, did this ever happen? This volume interrogates the impact of the introduction of the Mnangagwa administration from November 2017. The book seeks to broadly dissect and troubleshoot issues of continuity and change from Mugabe's reign into Mnangagwa's Second Republic. In doing so the book attempts to respond to the grand question: "To what extent has Mugabeism that was the hallmark of Mugabe's reign, continued or discontinued into the Second Republic?" The volume, which comes as a sequel to *The end of an era? Robert Mugabe and a conflicting legacy*, is sure to generate interest and responses from students and academics in the fields of History, International Studies, Political Science, Sociology and Social anthropology, as well as from practitioners in the human rights, transitional justice, conflict resolution, security studies and diplomatic fields.

An extraordinary confluence of forces stemming from automation and digital technologies is transforming both the world of work and the ways we educate current and future employees to contribute productively to the workplace. The Great Skills Gap opens with the premise that the exploding scope and pace of technological innovation in the digital age is fast transforming the

fundamental nature of work. Due to these developments, the skills and preparation that employers need from their talent pool are shifting. The accelerated pace of evolution and disruption in the competitive business landscape demands that workers be not only technically proficient, but also exceptionally agile in their capacity to think and act creatively and quickly learn new skills. This book explores how these transformative forces are—or should be—driving innovations in how colleges and universities prepare students for their careers. Focused on the impact of this confluence of forces at the nexus of work and higher education, the book's contributors—an illustrious group of leading educators, prominent employers, and other thought leaders—answer profound questions about how business and higher education can best collaborate in support of the twenty-first century workforce.

Two global dangers face humanity: climate change and nuclear war. In the last few years, people have realized that the first was real. According to the U.S. Global Change Research Program, Earth's climate is now changing faster than at any point in the history of modern civilization, primarily due to human activities. There continues to be a wide range of impacts across every region of the country and many sectors of the economy. Storms, hurricanes, and droughts happen far more often and are more deadly than in the past. However, although people fear nuclear weapons, they have no idea that one or two modern nuclear bombs are enough to kill all of us no matter who started the war. Whether we like it or not, we have to unite to save ourselves from these dangers. *Are We Going to Commit Suicide?* examines the history of climate change and examines what we need to do to save our planet.

This book presents a comprehensive overview of the global climate change impacts caused by the continued use of fossil fuels, which results in enormous damage to the global environment,

biodiversity, and human health. It argues that the key to a transition to a low carbon future is the rapid and large-scale deployment of renewable energy technologies in power generation, transport and industry, coupled with super energy-efficient building design and construction. However, the author also reveals how major oil companies and petrochemical conglomerates have systematically attempted to manufacture doubt and uncertainty about global warming and climate change, continue to block the commercialization of solar energy and wind power, and impede the electrification of the transport sector. Martin Bush's solution is a theory-of-change approach to substantially reduce greenhouse-gas emissions by 2050, which sets out realistic steps that people can take now to help make a difference.

It is common knowledge that development without security is like a runaway horse. Yet, development in Africa has been plagued by insecurities since the extractive periods of slave trade and colonialism. In spite of political independence and the euphoria of sovereignty as states, Africa has failed to address insecurity, which continues to loom large and to threaten aspirations towards truly inclusive and sustainable development. A consequence has been Africa's development naivety vis-à-vis the monopolisation of development by the predatory elite actors of the global North and their local facilitators. To salvage the continent from such predation and the insecurities engendered requires novel and innovative imagination and praxis. This book draws from both the haunted landscapes and bitter memories of past exploitations and from the feeding of the insatiable North with African resources and humanity. It brings together essays by a concerned generation of scholars driven by the urgent need for radical decolonisation of African development and its legacies of insecurities. It is handy to students and practitioners in economics, policy studies, political science, development studies,

global and African studies.

A comprehensive look at the world of illicit trade In the past three decades, technology has changed the fundamentals of trade, in legitimate and illegal economies. The most advanced forms of illicit trade have broken with all historical precedents and operate as if on steroids, tied to computers and social media. Dark Commerce examines how new technology, communications, and globalization fuel the exponential growth of dangerous forms of illegal trade—the markets for narcotics and child pornography, the escalation of sex trafficking, and the sale of endangered species. The illicit economy exacerbates many of the world's destabilizing phenomena: the perpetuation of conflicts, the proliferation of arms and weapons of mass destruction, and environmental degradation and extinction. Dark Commerce demonstrates that the dark market is a business the global community cannot afford to ignore.

What makes human consciousness unique? John Parrington draws on early Russian ideas and the latest neuroscience to argue that humans went through a 'mind shift' when we developed language, and words and the shared cultural world they enabled altered our brains, and have shaped them ever since.

Renewables are a game changer for interstate energy relations. Their abundance and intermittency, possibilities for decentral generation and use of rare earth

materials, and generally electric nature of transportation make them very different from fossil fuels. What do these geographic and technical characteristics of renewable energy systems imply for infrastructure topology and operations, business models, and energy markets? What are the consequences for the strategic realities and policy considerations of producer, consumer, and transit countries and energy-related patterns of cooperation and conflict between them? Who are the winners and losers? The Geopolitics of Renewables is the first in-depth exploration of the implications for interstate energy relations of a transition towards renewable energy. Fifteen international scholars combine insights from several disciplines - international relations, geopolitics, energy security, renewable energy technology, economics, sustainability transitions, and energy policy - to establish a comprehensive overview and understanding of the emerging energy game. Focus is on contemporary developments and how they may shape the coming decades on three levels of analysis: - The emerging global energy game; winners and losers - Regional and bilateral energy relations of established and rising powers - Infrastructure developments and governance responses The book is recommended for academics and policy makers. It offers a novel analytical framework that moves from geography and technology to economics and politics to investigate the geopolitical implications of renewable

energy and provides practical illustrations and policy recommendations related to specific countries and regions such as the US, EU, China, India, OPEC, and Russia

English teachers Knol and Karsten have composed these moving reflections inspired by a wide range of writers, many of whom they have brought into their classrooms. And while some of their selections will no doubt be familiar to the reader, each of these meditations will kindle new insights. Attuned to the power of the written word, these seasoned teachers contemplate sacred themes, exploring passages from books that they love in light of passages from Scripture. "Books have their origins in conversations and seek to extend and expand those conversations over time and with different audiences. The conversations that have culminated in this book were initially stimulated through a research project at The Hastings Center on the role of religious voices in the professional fields of bioethical inquiry. Those professional conversations have continued throughout my academic career as a member of various institutional ethics committees, organizational ethics task forces, and in local, state, and national public policy settings. The professional context of bioethics conversations can sometimes miss the richness of conversations that occur in the classroom and with various communities, including family members, friends, and religious and civic

communities. These conversations provide an experiential depth, a groundedness in the lives and stories of persons, which augments and corrects the professionalized perspectives. I have been particularly fortunate and appreciative of opportunities to bridge the academic and professional with the personalized and communal through conversations about the ethical commitments and moral culture cultivated by The Church of Jesus Christ of Latter-day Saints (LDS or Mormon). I was invited to develop an overview essay on "Bioethics in Mormonism" for the professional reference work, *Encyclopedia of Bioethics* (3rd ed., 2004), and some years later received my first invitation to make a presentation on "LDS Ethics" in an academic setting at the University of Virginia. This book is the outgrowth of these many conversations and seeks to advance my communal bridging. My aim in this book is to begin bridging these various intersections between the LDS religious community and its moral culture, the professional fields of bioethics, and practical decision-making. This work seeks to be a catalyst for expanding discourse within the interdisciplinary field of Mormon studies to include ethics and bioethics. Ethics has not been a well-developed area in Mormon studies, in contrast to studies in LDS history, theology, or literature. To remedy this oversight, I present a substantive interpretation of the sources, theological background, and moral principles of

LDS ethics. The historical narratives and conceptual intertwining I offer of both bioethics and of LDS moral culture is intended to complement and expand the realm of Mormon studies. A further objective is to create opportunities for reciprocal dialogues between the bioethics community and LDS scholarship. This conversation has yet to occur within academic disciplines, professional communities, or in public policy deliberations. My exposition, analysis, and critiques will intertwine and contextualize LDS moral values and health care practices within the ethical inquiry undertaken in the broader professional scholarship of bioethics. My arguments will disclose some points of common ground as well as areas of divergence towards the end of establishing the LDS faith tradition as a community of moral discourse for the bioethics field and the healing professions (medicine, nursing, pharmacy, etc.) it informs. My claim is that given its emerging cultural prominence, LDS ethical scholarship should engage in bioethical literacy and bioethics should be LDS-literate. I am also engaged in an effort to initiate more reflective dialogues regarding LDS ethics and moral culture among LDS scholars, LDS health care professionals, and the interested general LDS reader. The focus of the book on the interrelationship of religion, ethics, medicine, and health care should present for these various audiences new opportunities for mindful reflection and creative scholarship on

the ethical implications of faith commitments, the responsibilities of the healing professions, and religious dimensions of public policy and public bioethics. A religious community that is formed through narratives and practices of covenantal commitments of love of neighbor needs to have a robust discourse about its ethical character. I have understood my scholarship in biomedical ethics and in religious ethics through a linking metaphor of my moral culture, of medicine, and the law, of bearing witness. The witness offers moral realities, moral truths about the way things are, vocalizes and embodies moral experience, and prophetically critiques the hypocrisies of the powerful and their oppression of the vulnerable by offering a new story, a re-storying, of tradition and conventional practice"-- Revised to reflect the most recent developments in food safety, the second edition of *Food Safety for the 21st Century* offers practitioners an authoritative text that contains the essentials of food safety management in the global supply chain. The authors — noted experts in the field — reveal how to design, implement and maintain a stellar food safety programme. The book contains industry best-practices that can help businesses to improve their systems and accelerate the application of world-class food safety systems. The authors outline the key food safety considerations for individuals, businesses and organisations involved in today's complex global food supply chains. The text contains the information

needed to recognise food safety hazards, design safe products and processes and identify and manage effectively the necessary control mechanisms within the food business. The authors also include a detailed discussion of current issues and key challenges in the global food supply chain. This important guide:

- Offers a thorough review of the various aspects of food safety and considers how to put in place an excellent food safety system
- Contains the information on HACCP appropriate for all practitioners in the world-wide food supply chain
- Assists new and existing business to meet their food safety goals and responsibilities
- Includes illustrative examples of current thinking and challenges to food safety management and recommendations for making improvements to systems and practices

Written for food safety managers, researchers and regulators worldwide, this revised guide offers a comprehensive text and an excellent reference for developing, implementing and maintaining world-class food safety programmes and shows how to protect and defend the food supply chain from threats.

Reading Explorer, a six-level reading series, prepares learners for academic success with highly visual, motivating National Geographic content that features real people, places, and stories. Important Notice: Media content referenced within the product description or the product text may not be available in the

Growing a Backbone???

The plant species that humans rely upon have an extended family of wild counterparts that are an important source of genetic diversity used to breed productive crops. These wild and weedy cousins are valuable as a resource for adapting our food, forage, industrial and other crops to climate change. Many wild plant species are also directly used, especially for revegetation, and as medicinal and ornamental plants. North America is rich in these wild plant genetic resources. This book is a valuable reference that describes the important crop wild relatives and wild utilized species found in Canada, the United States and Mexico. The book highlights efforts taken by these countries to conserve and use wild resources and provides essential information on best practices for collecting and conserving them. Numerous maps using up-to-date information and methods illustrate the distribution of important species, and supplement detailed description on the potential value these resources have to agriculture, as well as their conservation statuses and needs. There is broad recognition of the urgent need to conserve plant diversity; however, a small fraction of wild species is distinguished by their potential to support agricultural production. Many of these species are common, even weedy, and are easily overshadowed by rare or endangered plants. Nevertheless, because of their genetic proximity to agriculturally important crops or direct use, they deserve to be recognized, celebrated, conserved, and made available to support food and agricultural security. This comprehensive two-volume reference will be valuable for

students and scientists interested in economic botany, and for practitioners at all levels tasked with conserving plant biodiversity. The chapters 'Public Education and Outreach Opportunities for Crop Wild Relatives in North America' and 'Genetic Resources of Crop Wild Relatives – A Canadian Perspective' are open access under a CC BY 4.0 license via link.springer.com.

This book investigates the real process of unleashing the power of Information and Communications Technology (ICT) through Open Innovation and strategic choices. It covers the most important aspects of ICT in a nutshell and details the road to the future through business innovation. ICT, of which telecom and IT constitute the core, is currently permeating and transforming every sphere of life, ranging from commerce, manufacturing, education and healthcare, to agriculture, banking, governance, media and entertainment. Today, telecommunication and ICT, in general, are essential to a country's economic development and competitiveness as recognized both by the World Bank and the Asian Development Bank. Due to the powerful, disruptive and rapid forces unleashed by ICT tsunami, organisations not only struggle to harness the potential of ICT but can also be overwhelmed by the changes, complexity, competition and regulatory environment it brings up. This book provides a clue to organisations on how to sustain and succeed by leveraging ICT in absence of extensive in-house expertise across the breadth and depth of these areas. The driving theme of the book is about opening up organizational and business models, by presenting an integrated

Let You Stay meditates on how art both shapes and is shaped by the public discourse on migration.

Organisations that make it big and survive the test of time are shapeshifters.

Shapeshifters generate a strategy supple enough to adapt to changing environments and they disrupt themselves and the world around them to bring about positive change. In a volatile world that is changing at an ever-accelerating rate, it's time our approach to strategy and innovation changed too. If your strategic thinking has become stuck, your ability to innovate has lost its creative edge or people just aren't that excited about what you do anymore, this book is for you. Within its pages you will encounter 4 moves that will enable you to take strategy to reality by working with the emerging future rather than ignoring, resisting or avoiding it. Using the ideas in this book, your organisation can change the game - you can create the future you wish to see. In Shapeshifter you'll learn about: - The fundamental problems encountered in strategic thinking and how to think better by thinking differently. - The 4 moves that shapeshifter organisations make to take their strategy to reality - How to develop a supple strategy that will serve you well in multiple potential futures - How and why to build a meta-tribe - Wicked problems and how to harness them as a force for good - When and how to engage in wicked thinking - What it takes to build a magical movement - How leaders can become positive disruptors Shapeshifter will help you to experiment with new ways of thinking, doing and being that can better equip your leaders and organisation as they venture

into the great unknown. For the explorers amongst you, ready to embark on a new journey, help is at hand. Within the book you will find a map of the journey in the form of a detailed maturity model alongside case-studies from emerging shapeshifters in action. Shapeshifter will provide you and your organisation with the necessary tools to master the art of working with the future. If you're serious about your organisation's future this book is a must read.

Mates! At the height of Australia's 1970s recession, two young men leave home seeking fame and fortune. They travel through Queensland's outback looking for work and arrive in Mount Isa, near broke. The city takes them in and so begins the adventure of creating their lives in the remote, rough and tumble environment of one of Australia's biggest mining communities. Set in among the hot, dry and arid landscape of Queensland's Gulf Country, the two newcomers discover both the delights and difficulties of living far inland from their coastal origins. A variety of jobs take them to places that few people would have ever experienced, from prospecting deep in the bush to dark, damp mines located thousands of metres underground. Mates is a great story infused with warm Australian characteristics and humour. The region's great mining history, Aboriginal people and extraordinary bushland have all been thoroughly researched and richly described by author Stephen Outram. This book is a celebration of youthful adventure and

tells a story, destined to become Mates with you!

Pathways, Second Edition, is a global, five-level academic English program. Carefully-guided lessons develop the language skills, critical thinking, and learning strategies required for academic success. Using authentic and relevant content from National Geographic, including video, charts, and other infographics, Pathways prepares students to work effectively and confidently in an academic environment. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

America has gone Hamilton crazy. Lin-Manuel Miranda's Tony-winning musical has spawned sold-out performances, a triple platinum cast album, and a score so catchy that it is being used to teach U.S. history in classrooms across the country. But just how historically accurate is Hamilton? And how is the show itself making history? *Historians on Hamilton* brings together a collection of top scholars to explain the Hamilton phenomenon and explore what it might mean for our understanding of America's history. The contributors examine what the musical got right, what it got wrong, and why it matters. Does Hamilton's hip-hop take on the Founding Fathers misrepresent our nation's past, or does it offer a bold positive vision for our nation's future? Can a musical so unabashedly contemporary and deliberately anachronistic still communicate historical truths

about American culture and politics? And is Hamilton as revolutionary as its creators and many commentators claim? Perfect for students, teachers, theatre fans, hip-hop heads, and history buffs alike, these short and lively essays examine why Hamilton became an Obama-era sensation and consider its continued relevance in the age of Trump. Whether you are a fan or a skeptic, you will come away from this collection with a new appreciation for the meaning and importance of the Hamilton phenomenon.

Development Naivety and Emergent Insecurities in a Monopolised World
The Politics and Sociology of Development in ContemporaLangaa RPCIG

At the intersection of astronautics, computer science, and social science, this book introduces the challenges and insights associated with computer simulation of human society in outer space, and of the dynamics of terrestrial enthusiasm for space exploration. Never before have so many dynamic representations of space-related social systems existed, some deeply analyzing the logical implications of social-scientific theories, and others open for experience by the general public as computer-generated virtual worlds. Fascinating software ranges from multi-agent artificial intelligence models of civilization, to space-oriented massively multiplayer online games, to educational programs suitable for schools or even for the world's space exploration agencies. At the present time, when actual

forays by humans into space are scarce, computer simulations of space societies are an excellent way to prepare for a renaissance of exploration beyond the bounds of Earth.

Casteless India is an idea dreamt by the framers of our constitution. As far-fetched a dream, it may seem, the necessity of making caste an irrelevant denominator in the social, economic and political life of India cannot be overstated. Despite a number of reforms initiated by successive governments nationally and across states, the overall efforts seem half-hearted, rudderless and often working at cross-purposes with one another. This book is an effort to find the basis of the caste system, tracing it from its origin and dissecting its various facets so as to chart out a practical approach to uproot this social vice from our society. The objective of the book is to give a feasible solution, understanding the ground realities of the issue, based on a broad consensus that may be favourably acceptable to all sections of the society in order to build a truly egalitarian society.

While challenging traditional postcolonial accounts, Gabay places racial anxiety at the heart of imaginaries of Africa and international order.

Galápagos giant tortoises are fascinating—and endangered. They live only on the Galápagos Islands, a chain of volcanic islands in the Pacific Ocean off the coast

of Ecuador. These tortoises face threats from the humans who live on—and visit—the islands, as well as from Earth's warming climate. Join author Kate Messner on an a journey to the Galápagos Islands to see these incredible creatures up close and discover how cutting-edge technology is helping scientists to study and protect them.

Do you want a magical life, filled with passion, excitement, and creative fire ? The tools and techniques you need are **HERE !** Discover the secrets of the real fountain of youth, the science of love, become an expert at anything fast, boost your creativity a 1000-fold, and hundreds of other ways to change things for the better. The choice is yours - don't waste another minute - begin the journey **NOW..**

The new edition of the Great Writing series provides clear explanations, extensive models of academic writing and practice to help learners write great sentences, paragraphs, and essays. With expanded vocabulary instruction, sentence-level practice, and National Geographic content to spark ideas, students have the tools they need to become confident writers. Updated in this Edition: Clearly organized units offer the practice students need to become effective independent writers. Each unit includes: Part 1: Elements of Great Writing teaches the fundamentals of organized writing, accurate grammar, and

precise mechanics. Part 2: Building Better Vocabulary provides practice with carefully-selected, level-appropriate academic words. Part 3: Building Better Sentences helps writers develop longer and more complex sentences. Part 4: Writing activities allow students to apply what they have learned by guiding them through writing, editing, and revising. Part 5: New Test Prep section gives a test-taking tip and timed task to prepare for high-stakes standardized tests, including IELTS and TOEFL. The new guided online writing activity takes students through the entire writing process with clear models for reference each step of the way. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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