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**KEY=PAPER - DOMINIQUE ANIYA**

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**URBAN WILDLIFE CONSERVATION**

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**THEORY AND PRACTICE**

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*Springer* In the past, wildlife living in urban areas were ignored by wildlife professionals and urban planners because cities were perceived as places for people and not for wild animals. Paradoxically, though, many species of wildlife thrive in these built environments. Interactions between humans and wildlife are more frequent in urban areas than any other place on earth and these interactions impact human health, safety and welfare in both positive and negative ways. Although urban wildlife control pest species, pollinate plants and are fun to watch, they also damage property, spread disease and even attack people and pets. In urban areas, the combination of dense human populations, buildings, impermeable surfaces, introduced vegetation, and high concentrations of food, water and pollution alter wildlife populations and communities in ways unseen in more natural environments. For these ecological and practical reasons, researchers and managers have shown a growing interest in urban wildlife ecology and management. This growing interest in urban wildlife has inspired many studies on the subject that have yet to be synthesized in a cohesive narrative. *Urban Wildlife: Theory and Practice* fills this void by synthesizing the latest ecological and social knowledge in the subject area into an interdisciplinary and practical text. This volume provides a foundation for the future growth and understanding of urban wildlife ecology and management by:

- Clearly defining the concepts used to study and describe urban wildlife,
- Offering a cohesive understanding of the coupled natural and social drivers that shape urban wildlife ecology,
- Presenting the patterns and processes of wildlife response to an urbanizing world and explaining the mechanisms behind them and
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Proposing means to create physical and social environments that are mutually beneficial for both humans and wildlife.

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## **THE BIOSPHERE AND THE BIOREGION**

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### **ESSENTIAL WRITINGS OF PETER BERG**

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*Routledge* **Bioregionalism** asks us to reimagine ourselves and the places where we live in ecological terms and to harmonize human activities with the natural systems that sustain life. As one of the originators of the concept of bioregionalism, Peter Berg (1937-2011) is a founding figure of contemporary environmental thought. The **Biosphere and the Bioregion: Essential Writings of Peter Berg** introduces readers to the biospheric vision and post-environmental genius of Berg. From books and essays to published interviews, this selection of writings represents Berg's bioregional vision and its global, local, urban, and rural applications. The **Biosphere and the Bioregion** provides a highly accessible introduction to bioregional philosophy, making Berg's paradigm available as a guiding vision and practical "greenprint" for the twenty-first century. This valuable compilation lays the groundwork for future research by offering the first-ever comprehensive bibliography of Berg's publications and should be of interest to students and scholars in the interdisciplinary fields of environmental humanities, environment and sustainability studies, as well as political ecology, environmental sociology and anthropology.

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### **WORLD POLITICS: TREND AND TRANSFORMATION, 2014 - 2015 (BOOK ONLY)**

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*Cengage Learning* **WORLD POLITICS: TREND AND TRANSFORMATION** offers analysis of the most up-to-date data, research, and contemporary events from today's international political stage 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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## **THE PLANETARY EMERGENCY**

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### **ENVIRONMENTAL COLLAPSE AND THE PROMISE OF ECOCIVILIZATION**

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*McFarland* **Earth and its inhabitants face an unprecedented crisis--the human-caused destruction of the planet's life support systems. Deteriorating climate bringing super storms, mass forest fires, melting glaciers, droughts, extreme heat and rising seas, a decline in food production, soil loss, water pollution and declining fisheries all threaten the future of life on earth with a looming extinction event not seen for 60 million years. Beginning in the 17th century, we developed a civilization based on radical materialism, exploitation of natural resources and the myth of endless economic growth. For all its technological wonders, this "hypercivilization" has proven unsustainable. This book explores ways we**

can create an "ecocivilization" compatible with the laws and limits of nature--a new way of living already developing, with new technologies, new forms of social organization and a new story about ourselves and the Earth.

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## **JOE QUINN AMONG THE ROWDIES**

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### **THE LIFE OF BASEBALL'S HONEST AUSTRALIAN**

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*McFarland* "A gentleman when the game was hard-bitten, played by rough-and-ready lads out to win whatever the cost..." Australia had few sporting heroes in the years preceding its federation in 1901. But before its 20th-century Olympic trailblazers and Depression-era icons such as Phar Lap and Don Bradman, came an Australian sporting pioneer who was celebrated on the most glamorous stage in the world--American major league baseball. Joe Quinn's story has, until now, been lost in the land of his birth. This tale gallops from the deprivation of famine-ravaged Ireland through colonial Australia to the raucous ballfields of 19th-century America, with their unruly players and owners, brawls and adulation and backroom betrayals. Through 17 seasons in the major leagues, "Undertaker" Joe Quinn earned his place among the colorful characters who pioneered the modern game of baseball, as much for his ability to stand apart from their bad behavior as for his steadfastness on the field. Meet Australia's first professional baseball player (and manager), whose willingness to "have a go" in the grand Australian tradition will live long in the minds of sports fans on both sides of the Pacific.

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## **11TH INTERNATIONAL CONFERENCE ON PRACTICAL APPLICATIONS OF COMPUTATIONAL BIOLOGY & BIOINFORMATICS**

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*Springer* Biological and biomedical research are increasingly driven by experimental techniques that challenge our ability to analyse, process and extract meaningful knowledge from the underlying data. The impressive capabilities of next-generation sequencing technologies, together with novel and constantly evolving, distinct types of omics data technologies, have created an increasingly complex set of challenges for the growing fields of Bioinformatics and Computational Biology. The analysis of the datasets produced and their integration call for new algorithms and approaches from fields such as Databases, Statistics, Data Mining, Machine Learning, Optimization, Computer Science and Artificial Intelligence. Clearly, Biology is more and more a science of information and requires tools from the computational sciences. In the last few years, we have seen the rise of a new generation of interdisciplinary scientists with a strong background in the biological and computational sciences. In this context, the interaction of researchers from different scientific fields is, more than ever, of foremost importance in boosting the research efforts in the field and contributing to the education of a new generation of Bioinformatics

scientists. The PACBB'17 conference was intended to contribute to this effort and promote this fruitful interaction, with a technical program that included 39 papers spanning many different sub-fields in Bioinformatics and Computational Biology. Further, the conference promoted the interaction of scientists from diverse research groups and with a distinct background (computer scientists, mathematicians, biologists).

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## **ANZAC, THE UNAUTHORISED BIOGRAPHY**

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*NewSouth* Raise a glass for an Anzac. Run for an Anzac. Camp under the stars for an Anzac. Is there anything Australians won't do to keep the Anzac legend at the centre of our national story? But standing firm on the other side of the Anzac enthusiasts is a chorus of critics claiming that the appetite for Anzac is militarising our history and indoctrinating our children. So how are we to make sense of this struggle over how we remember the Great War? Anzac, the Unauthorised Biography cuts through the clamour to provide a much-needed historical perspective on the battle over Anzac. It traces how, since 1915, Australia's memory of the Great War has declined and surged, reflecting the varied and complex history of the Australian nation itself. Most importantly, it asks why so many Australians persist with the fiction that the nation was born on 25 April 1915.

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## **THE HEALTH OF THE FIRST LADIES**

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### **MEDICAL HISTORIES FROM MARTHA WASHINGTON TO MICHELLE OBAMA**

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*McFarland* "Deppisch has written an extensively detailed book with copious notes. He emphasizes the women's health during their time in the White House, thus tracing the rise of modern medicine in the U.S. and common health practices from the Revolutionary War to the present...recommended"--Choice This first comprehensive study of the medical histories of America's first ladies--from Martha Washington to Michelle Obama--discusses their illnesses, their treatments and their physicians in the context of their times. As the categories of illness afflicting Americans have changed through history so have the kinds of maladies affecting the first ladies. Infectious diseases and the consequences of poorly supervised pregnancies have been replaced by cerebrovascular accidents and malignancies. The secrecy with which the White House has traditionally handled inquiries about the health of the president's wife is explored in detail; however, several first ladies, notably Betty Ford, have been transparent about their illnesses in order to educate the public. The effects of a first lady's responsibilities on her health is examined. This book also seeks to discern how the well-being of the first lady influences presidential performance.

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## **LOOK EAST, CROSS BLACK WATERS**

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### **INDIA'S INTEREST IN SOUTHEAST ASIA**

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*Rand Corporation* India's core goals for Southeast Asia are in basic harmony with those of the United States, including regional stability, peaceful settlement of territorial disputes, and containment of radicalism. Still, America should not expect India to enter any sort of alliance, nor join any coalition to balance against China, but should demonstrate strategic patience and willingness to cultivate a long-term relationship.

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### **SYSTEMS BIOLOGY APPROACHES TO UNDERSTANDING THE CAUSE AND TREATMENT OF HEART, LUNG, BLOOD, AND SLEEP DISORDERS**

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*Frontiers E-books* Development of powerful new high-throughput technologies for probing the transcriptome, proteome and metabolome is driving the rapid acquisition of information on the function of molecular systems. The importance of these achievements cannot be understated - they have transformed the nature of both biology and medicine. Despite this dramatic progress, one of the greatest challenges that continues to confront modern biology is to understand how behavior at the level of genome, proteome and metabolome determines physiological function at the level of cell, tissue and organ in both health and disease. Because of the inherent complexity of biological systems, the development, analysis, and validation of integrative computational models based directly on experimental data is necessary to achieve this understanding. This approach, known as systems biology, integrates computational and experimental approaches through iterative development of mathematical models and experimental validation and testing. The combination of these approaches allows for a mechanistic understanding of the function of complex biological systems in health and their dysfunction in disease. The National Heart, Lung, and Blood Institute (NHLBI) has recognized the importance of the systems biology approach for understanding normal physiology and perturbations associated with heart, lung, blood, and sleep diseases and disorders. In 2006, NHLBI announced the Exploratory Program in Systems Biology, followed in 2010 by the NHLBI Systems Biology Collaborations. The goal of these programs is to support collaborative teams of investigators in using experimental and computational strategies to integrate the component parts of biological networks and pathways into computational models that are based firmly on and validated using experimental data. These validated models are then applied to gain insights into the mechanisms of altered system function in disease, to generate novel hypotheses regarding these mechanisms that can be tested experimentally, and to then use the results of experiments to refine the models. The purpose of this Research Topic is to present the range of innovative, new approaches being developed by investigators working in

areas of systems biology that couple experimental and modeling studies to understand the cause and possible treatment of heart, lung, blood and sleep diseases and disorders. This Research Topic will be of great interest to the cardiovascular research community as well as to the general community of systems biologists.

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## **DRONES AND THE FUTURE OF AIR WARFARE**

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### **THE EVOLUTION OF REMOTELY PILOTED AIRCRAFT**

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*Routledge* This book examines the evolution of airpower and specifically the growth and proliferation of Remotely Piloted Aircraft (RPAs). While most existing literature examines either the law or ethics of RPAs, and some newer scholarship looks to the battlefield effectiveness (the gains from strikes versus the potential for 'blowback, etc.), this work investigates it from a broader military perspective. It examines the strategy for employment of RPAs across the spectrum of warfare, the potential deterrent value of RPAs in some circumstances, and the resulting ability of RPAs to fundamentally shift the character of when and how wars are fought. The central aim of this book is to evaluate the role of 'drones' in warfare to date, and make basic projections on how states will adopt RPAs and UCAVs in the future. At the core is the goal of answering a broad, underlying research question: How will the RPA innovation impact military strategy and international security? This book will be of much interest to students of airpower, drone warfare, military and strategic studies, security studies and IR.

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### **THE HISTORY OF MUSIC PRODUCTION**

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*Oxford University Press* In *The History of Music Production*, Richard James Burgess draws on his experience as a producer, musician, and author. Beginning in 1860 with the first known recording of an acoustic sound and moving forward chronologically, Burgess charts the highs and lows of the industry throughout the decades and concludes with a discussion on the present state of music production. Throughout, he tells the story of the music producer as both artist and professional, including biographical sketches of key figures in the history of the industry, including Fred Gaisberg, Phil Spector, and Dr. Dre. Burgess argues that while technology has defined the nature of music production, the drive toward greater control over the process, end result, and overall artistry come from producers. The result is a deeply knowledgeable book that sketches a critical path in the evolution of the field, and analyzes the impact that recording and disseminative technologies have had on music production. A key and handy reference book for students and scholars alike, it stands as an ideal companion to Burgess's noted, multi-edition book *The Art of Music Production*.

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## **THE LOCAL CONFIGURATION OF NEW RESEARCH FIELDS**

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### **ON REGIONAL AND NATIONAL DIVERSITY**

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*Springer* This new Yearbook addresses the question of how policy, place, and organization are made to matter for a new research field to emerge. Bringing together leading historians, sociologists, and organizational researchers on science and technology, the volume answers this question by offering in-depth case studies and comparative perspectives on multiple research fields in their nascent stage, including molecular biology and materials science, nanotechnology, and synthetic biology. The Yearbook brings to bear the lessons of constructivist ethnography and the “practice turn” in Science and Technology Studies (STS) more broadly on the qualitative, comparative, and critical inquiry of new research fields. In doing so, it offers unprecedented insights into the complex interplay of national research policies, regional clusters, particular research institutions, and novel research practices in and for any emerging field of (techno-)science. It systematically investigates national and regional differences, including the variable mobilization of such differences, and probes them for organizational topicality and policy relevance.

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## **THE WEAPONIZING OF BIOLOGY**

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### **BIOTERRORISM, BIOCRIME AND BIOHACKING**

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*McFarland* "Focusing on three forms of biological threat--bioterrorism, biocrime and biohacking--the author examines the history of biowarfare and terrorism, including the ideologies and motives of violent extremist organizations. Groups drawn to biological aggression are discussed, along with the array of viruses, bacteria and toxins they might use in their attacks"--

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## **PRACTICING TEXAS POLITICS, 2017-2018 EDITION**

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*Cengage Learning* PRACTICING TEXAS POLITICS, 2017-2018 Edition, analyzes the practices and policies of the Lone Star State and gives students a realistic introduction to how public-policy making is conducted there. This edition includes a special focus on the role of a growing Latino population in all aspects of Texas government, the impact of the 2016 elections on the state, and the effect of a floundering oil and gas industry on state finances. 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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## **21ST CENTURY HOMESTEAD: SUSTAINABLE AGRICULTURE I**

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*Lulu.com*

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## **THE BIOLOGIST'S IMAGINATION**

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## **INNOVATION IN THE BIOSCIENCES**

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*Oxford University Press, USA* "Scholars and policymakers alike agree that innovation in the biosciences is key to future growth. The field continues to shift and expand, and it is certainly changing the way people live their lives in a variety of ways. But despite the lion's share of federal research dollars being devoted to innovation in the biosciences, the field has yet to live up to its billing as a source of economic productivity and growth. With vast untapped potential to imagine and innovate in the biosciences, adaptation of the innovative model is needed. In *The Biologist's Imagination*, William Hoffman and Leo Furcht examine the history of innovation in the biosciences, tracing technological innovation from the late eighteenth century to the present and placing special emphasis on how and where technology evolves. Place is key to innovation, from the early industrial age to the rise of the biotechnology industry in the second half of the twentieth century. The book uses the distinct history of bioscientific innovation to discuss current trends as they relate to medicine, agriculture, biofuels, stem-cell research, neuroscience, and more. Ultimately, Hoffman and Furcht argue that, as things currently stand, we fall short in our efforts to innovate in the biosciences; our system of innovation is itself in need of innovation. It needs to adapt to the massive changes brought about by converging technologies, globalization in higher education as well as in finance, and increases in entrepreneurship. *The Biologist's Imagination* is both an analysis of past models for bioscience innovation and a forward-looking, original argument for how future models should be developed"--

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## **MANIFESTO FOR THE HUMANITIES**

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### **TRANSFORMING DOCTORAL EDUCATION IN GOOD ENOUGH TIMES**

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*University of Michigan Press* After a remarkable career in higher education, Sidonie Smith offers *Manifesto for the Humanities* as a reflective contribution to the current academic conversation over the place of the Humanities in the 21st century. Her focus is on doctoral education and opportunities she sees for its reform. Grounding this manifesto in background factors contributing to current "crises" in the humanities, Smith advocates for a 21st century doctoral education responsive to the changing ecology of humanistic scholarship and teaching. She elaborates a more expansive conceptualization of coursework and dissertation, a more robust, engaged public humanities, and a more diverse, collaborative, and networked sociality.

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## **THE MOVING RESEARCHER**

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### **LABAN/BARTENIEFF MOVEMENT ANALYSIS IN PERFORMING ARTS**

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## **EDUCATION AND CREATIVE ARTS THERAPIES**

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*Jessica Kingsley Publishers* This comprehensive book will serve as a step-by-step guide to Laban/Bartenieff Movement Analysis, updating and expanding concepts and practices. Following extensive research on the method developed by Rudolf von Laban and his disciples, this book explains movement principles, exercises, and motif symbols in detail. Organized according to the four categories of Laban/Bartenieff Movement Analysis (Body-Effort-Shape-Space), additional chapters present the different developments of the theory in relation to performing arts and movement therapy. The author draws on Laban/Bartenieff Movement Analysis as a dynamic and connective approach, traveling from classroom and studio to everyday life, stage performance, and film acting. The Laban perspective serves as a multimedia artistic viewpoint, intertwining theory, learning, and imagery. This unique approach to this internationally used method is essential reading for educators and students of dance and other performing arts and movement-related professions.

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## **HELLO FROM 2030**

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## **THE SCIENCE OF THE FUTURE AND YOU**

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*Simon and Schuster* "Would you like to know the future? And, will it be what we think it will be, or will today's predictions be laughably wrong? In Hello from 2030, middle graders get a peek at what's coming just around the corner. In the year 2030, today's kids will be grappling with issues adults are just starting to address now. No, not flying cars: real world conundrums like, what will 8 billion people eat? How can humans produce less trash? Which cool technologies will be used to figure all this out? And, how do people predict the future anyway? This book gives kids not only plenty to dream, argue, and think about, but also a first-hand look at futurology, the science of predicting the future."--

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## **PRINCIPLES OF INFORMATION SYSTEMS**

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*Cengage Learning* Readers develop an understanding of the core principles of IS and how it is practiced today with **PRINCIPLES OF INFORMATION SYSTEMS**, 13th edition. This edition combines the latest research with the most current coverage available as content highlights IS-related careers. Readers explore the challenges and risks of computer crimes, hacking, and cyberterrorism as well as the most current research on big data, analytics, and global IS and social networking. In addition, readers examine business intelligence; cloud computing; e-commerce; enterprise systems; ethical, legal, and social issues of information systems; mobile computing; project management; strategic planning; and systems acquisition. Readers learn how information systems can increase profits and reduce costs as they explore new information on artificial intelligence, change management, data governance, energy and environmental concerns, Internet of

Everything, Internet censorship and net neutrality, virtual teams, and more. 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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## **ELECTROMAGNETICS OF BODY AREA NETWORKS**

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### **ANTENNAS, PROPAGATION, AND RF SYSTEMS**

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*John Wiley & Sons* The book is a comprehensive treatment of the field, covering fundamental theoretical principles and new technological advancements, state-of-the-art device design, and reviewing examples encompassing a wide range of related sub-areas. In particular, the first area focuses on the recent development of novel wearable and implantable antenna concepts and designs including metamaterial-based wearable antennas, microwave circuit integrated wearable filtering antennas, and textile and/or fabric material enabled wearable antennas. The second set of topics covers advanced wireless propagation and the associated statistical models for on-body, in-body, and off-body modes. Other sub-areas such as efficient numerical human body modeling techniques, artificial phantom synthesis and fabrication, as well as low-power RF integrated circuits and related sensor technology are also discussed. These topics have been carefully selected for their transformational impact on the next generation of body-area network systems and beyond.

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## **POLITICAL WINGS**

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*Pen and Sword* This is the first biography of Rt. Hon. William Wedgwood Benn DSO, DFC, first Viscount Stansgate, cabinet minister under MacDonald and Attlee, Air Commodore with active service in both World Wars, defector from the Liberals to Labour over his dispute with Lloyd George, and father of Tony Benn. Benn served in the army and RAF during the First World War (when he took part in the first parachute drop behind enemy lines at night) and in the Second World War he reached the rank of acting Air Commodore). His eldest son Michael, heir to the viscountcy, died on active service with the RAF, leaving his second son Tony to inherit the title and a seat in the House of Lords. Before his death, Tony Benn gave extensive interviews for this book. His brother, David has also provided interviews and material, as have other members of the family including Stephen Benn (now the third Viscount Stansgate). Extensive paperwork left by William Wedgwood Benn (now in the Parliamentary Archives) including his diary and unfinished, unpublished autobiography were all utilised in the construction of this biography. Alun Wyburn-Powell has managed to construct a biographical study of real force, weaving together snippets from Benn's own private papers with insights from his family and colleagues in order to create an authentic impression of Benn and the times in which he lived.

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## **BIOECONOMY**

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### **SHAPING THE TRANSITION TO A SUSTAINABLE, BIOBASED ECONOMY**

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*Springer* This book is open access under a CC BY 4.0 license. This book defines the new field of "Bioeconomy" as the sustainable and innovative use of biomass and biological knowledge to provide food, feed, industrial products, bioenergy and ecological services. The chapters highlight the importance of bioeconomy-related concepts in public, scientific, and political discourse. Using an interdisciplinary approach, the authors outline the dimensions of the bioeconomy as a means of achieving sustainability. The authors are ideally situated to elaborate on the diverse aspects of the bioeconomy. They have acquired in-depth experience of interdisciplinary research through the university's focus on "Bioeconomy", its contribution to the Bioeconomy Research Program of the federal state of Baden-Württemberg, and its participation in the German Bioeconomy Council. With the number of bioeconomy-related projects at European universities rising, this book will provide graduate students and researchers with background information on the bioeconomy. It will familiarize scientific readers with bioeconomy-related terms and give scientific background for economists, agronomists and natural scientists alike.

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## **FUNGAL BIOPOLYMERS AND BIOCOSMOS**

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### **PROSPECTS AND AVENUES**

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*Springer Nature* The book covers an overview of fungal polymers, fungal mycelial biomass, and their applications besides providing a detailed account of various opportunities. This book also includes information on developments in mycotechnology related to fashion, furnishing, construction, packaging, mycelial-based bricks, construction binder, cementing materials, and so on. Other aspects include the value of chitin, chitosan, hydrophobins, lignocellulosic composites, oil recovery, biosurfactants and bioemulsifiers, nanofibers from pullulan, exopolymeric substances, bioresins, and biocomposites. Additional topics covered in the book include self-healing fungal concrete (which could help to build repairs) and recipe to inhibit fruit body formation, for living fungal biomaterial manufacture. There is no comprehensive book other than - some reviews, which addressed very brief historical developments and preliminary aspects of fungal biopolymers. Written by experts in their field from countries like Australia, India, USA, Germany, Turkey, Philippines, Oman, Belgium, Italy, Egypt, Brazil, and the United Kingdom, the chapters discuss at length applications of filamentous fungi in sustainable industrial pursuits and industrial developments with environmental safety. This book will be useful for students, teachers, researchers, and scientists in botany, microbiology, life sciences, biotechnology, agriculture and, industries that extensively use fungi for the production of value-added products.

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## **FRACTURED FAMILIES**

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### **LIFE ON THE MARGINS IN COLONIAL NEW SOUTH WALES**

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*UNSW Press* Most convicts arriving in New South Wales didn't expect to make their fortunes. Some went on to great success, but countless convicts and free migrants struggled with limited prospects, discrimination and misfortune. Many desperate people turned to The Benevolent Society, Australia's first charity founded in 1813, for assistance and sustenance. In this rich and revealing book, Tanya Evans collaborates with family historians to present the everyday lives of these people. We see many families who have fallen on hard times because of drink, unwanted pregnancy, violence, unemployment or plain bad luck, seeking help and often shunted from asylums or institutions. In the careful tracing of families, we see the way in which disadvantage can be passed down from one generation to the next. The extensive archives of The Benevolent Society allow us to reclaim these unknown lives and understand our history better, not to mention the often random nature of betterment and progress.

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### **ISSUES IN SCIENCE AND THEOLOGY: DO EMOTIONS SHAPE THE WORLD?**

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*Springer* This volume examines emotions and emotional well-being from a rich variety of theological, philosophical and scientific and therapeutic perspectives. To experience emotion is a part of being human; but what are emotions? How can theology, philosophy and the natural sciences unpack the nature and content of emotions? This volume is based on contributions to the 15th European Conference on Science and Theology held in Assisi, Italy. It brings together contributions from scholars of various academic backgrounds from around the world, whose individual insights are made all the richer by their juxtaposition with those from experts in other fields, leading to a unique exchange of ideas.

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### **THE PHILOSOPHY OF INFORMATION QUALITY**

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*Springer* This work fulfills the need for a conceptual and technical framework to improve understanding of Information Quality (IQ) and Information Quality standards. The meaning and practical implementation of IQ are addressed, as it is relevant to any field where there is a need to handle data and issues such as accessibility, accuracy, completeness, currency, integrity, reliability, timeliness, usability, the role of metrics and so forth are all a part of Information Quality. In order to support the cross-fertilization of theory and practice, the latest research is presented in this book. The perspectives of experts from beyond the origins of IQ in computer science are included: library and information science practitioners and academics, philosophers of information, of engineering and technology, and of science are all contributors to this volume. The

chapters in this volume are based on the work of a collaborative research project involving the Arts and Humanities Research Council and Google and led by Professor Luciano Floridi, University of Oxford. This work will be of interest to anyone handling data, including those from commercial, public, governmental and academic organizations. The expert editors' contributions introduce issues of interest to scientists, database curators and philosophers, even though the issues may be disguised in the language and examples common to a different discipline.

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## **BIOECONOMY FOR BEGINNERS**

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*Springer Nature* This book provides an interdisciplinary and comprehensible introduction to bioeconomy. It thus provides basic knowledge for understanding a transformation process that will shape the 21st century and requires the integration of many disciplines and industries that have had little to do with each other up to now. We are talking about the gradual and necessary transition from the age of fossil fuels, which began around 200 years ago, to a global economy based on renewable raw materials (and renewable energies). The success of this transition is key to coping with the challenge of climate change. This book conceives the realization of bioeconomy as a threefold task - a scientific, an economic and an ecological one. · Where does the biomass come from that we need primarily for feeding the growing world population but also for future energy and material use? How can it be processed in biorefineries and what role does biotechnology play in this regard? · Which aspects of innovation economics need to be considered, which economic aspects of value creation, competitiveness and customer acceptance are important? · What conditions must a bioeconomy fulfil in order to enable a sustainable development of life on earth? May it be regarded as a key to further economic growth or shouldn't it rather orient itself towards the ideal of sufficiency? By dealing with these questions from the not necessarily consistent perspectives of proven experts, this book provides an interdisciplinary overview of a dynamic field of research and practice that raises more questions than answers and thus may nurture the motivation of many more people to seriously engage for the realization of a bioeconomy.

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## **TOWARDS A THEORY OF DEVELOPMENT**

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*OUP Oxford* Is it possible to explain and predict the development of living things? What is development? Articulate answers to these seemingly innocuous questions are far from straightforward. To date, no systematic, targeted effort has been made to construct a unifying theory of development. This novel work offers a unique exploration of the foundations of ontogeny by asking how the development of living things should be understood. It explores the key concepts of developmental biology, asks whether general principles of development can be

discovered, and examines the role of models and theories. The two editors (one a biologist with long interest in the theoretical aspects of his discipline, the other a philosopher of science who has mainly worked on biological systems) have assembled a team of leading contributors who are representative of the scientific and philosophical community within which a diversity of thoughts are growing, and out of which a theory of development may eventually emerge. They analyse a wealth of approaches to concepts, models and theories of development, such as gene regulatory networks, accounts based on systems biology and on physics of soft matter, the different articulations of evolution and development, symbiont-induced development, as well as the widely discussed concepts of positional information and morphogenetic field, the idea of a 'programme' of development and its critiques, and the long-standing opposition between preformationist and epigenetic conceptions of development. *Towards a Theory of Development* is primarily aimed at students and researchers in the fields of 'evo-devo', developmental biology, theoretical biology, systems biology, biophysics, and the philosophy of science.

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## **THE DOG BONE PORTFOLIO**

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### **A PERSONAL ODYSSEY INTO THE FIRST KONDRATIEFF WINTER OF THE TWENTY-FIRST CENTURY**

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*BPS Books* Like so many of us, Margret Kopala lost a significant portion of her life savings in the stock market crash of 2008. Unlike us, however, she went on a long and intense financial odyssey to find out what caused the losses and what she could do to protect herself in the future. Armed with her skills as a journalist and public policy analyst, fueled by equal measures of fear and determination, and mentored by successful investment strategist and financial broadcaster John Budden, Kopala researched and wrote this magisterial analysis of how Russian economist Nikolai Kondratieff's long-wave theory is playing out in what many today describe as a financial Winter. Along the way, she is introduced to financial experts familiar with Kondratieff scholarship. John Budden's interviews in the book with Dean LeBaron, J. Anthony Boeckh, Ian Gordon, Larry Jeddloh, Don Lindsey, the late Lord William Rees-Mogg, Jim Rogers, Eric Sprott, and Ronald-Peter Stöferle show how investors must put a new spin on asset allocation and security of their assets: like a dog that buries bones in different places, we would be advised to allocate our assets to different parts of the world - and to ensure that a good portion of those assets include gold, the only continuous basis of wealth across history and around the world. Kopala explores the global, national, and personal effects of: overconsumption; underproduction; energy and innovation; the printing of money to "save" the economy; competitive devaluations; deflation, reflation, and inflation; and war (the ultimate economic crisis). She documents those technologies that seeded previous New Economy Spring seasons -- from the era of canals to those of railroads, automobiles,

and infotech -- and probes today's innovations most likely to seed the Next New Economy that we desperately need if we are to escape the doldrums of the current financial Winter. With trenchant explanations of how individuals can achieve portfolio strength by first preserving capital then being vigilant about the financial effects of politics, economic theory, culture, and our own choices, *The Dog Bone Portfolio* is a gift to investors, policy-makers, and, ultimately, nations everywhere.

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## **GENETIC TECHNOLOGY AND FOOD SAFETY**

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*Springer* The volume gives an overview on how legislators all over the world have come up with different legal solutions for governing genetically modified organisms (GMOs) and food security and provides a compact summary of the existing regulations in this field. In a comparative legal approach, a general report analyses and compares these various national and supranational legal systems. It closely follows the newest developments at the interface between genetic engineering law and food law. The emergence of a new technology usually leads to fundamental questions as to how the law should respond to it. The regulation of genetically modified organisms is a prime example, they have been discussed controversially ever since they were subject of legislation and regulation. In particular, this applies to the use of GMOs in food production. There is a variety of interesting legislations and a differentiated width of legal frameworks on international, supranational (EU) and national level to be found. The different regulations that thereby came to light are evidence of the various opinions and policies the societies and states have developed on this matter. It is this variety of regulations the volume examines, primarily on the basis of national reports that were handed in concerning the topic of genetic technology and food security at the occasion of the XIX International Congress of Comparative Law.

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## **MEDIA, ENVIRONMENT AND THE NETWORK SOCIETY**

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*Springer* The news media has become a key arena for staging environmental conflicts. Through a range of illuminating examples ranging from climate change to oil spills, *Media, Environment and the Network Society* provides a timely and far-reaching analysis of the media politics of contemporary environmental debates.

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## **THE HILLARY DOCTRINE**

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## **SEX AND AMERICAN FOREIGN POLICY**

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*Columbia University Press* Hillary Rodham Clinton was the first Secretary of State to declare the subjugation of women worldwide a serious threat to U.S. national security. Known as the Hillary Doctrine, her stance was the impetus behind the 2010 Quadrennial Diplomatic and Development Review

of U.S. foreign policy, formally committing America to the proposition that the empowerment of women is a stabilizing force for domestic and international peace. Blending history, fieldwork, theory, and policy analysis while incorporating perspectives from officials and activists on the front lines of implementation, this book is the first to thoroughly investigate the Hillary Doctrine in principle and practice. Does the insecurity of women make nations less secure? How has the doctrine changed the foreign policy of the United States and altered its relationship with other countries such as China and Saudi Arabia? With studies focusing on Guatemala, Afghanistan, and Yemen, this invaluable policy text closes the gap between rhetoric and reality, confronting head-on what the future of fighting such an entrenched enemy entails. The research reports directly on the work being done by U.S. government agencies, including the Office of Global Women's Issues, established by Clinton during her tenure at the State Department, and explores the complexity and pitfalls of attempting to improve the lives of women while safeguarding the national interest.

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## **BUSINESS AND POST-DISASTER MANAGEMENT**

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### **BUSINESS, ORGANISATIONAL AND CONSUMER RESILIENCE AND THE CHRISTCHURCH EARTHQUAKES**

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*Routledge* This book provides a comprehensive examination of the effects of a natural disaster on businesses and organisations, and on a range of stakeholders, including employees and consumers. Research on how communities and businesses respond to disasters can inform policy and mitigate the cost and impacts of future disasters. This book discusses how places recover following a disaster and the vital roles that business and other organisations play. This volume gives a detailed understanding of business, organisational and consumer responses to the Christchurch earthquake sequence of 2010-2011, which caused 185 deaths, the loss of over 70 per cent of buildings in the city's CBD, major infrastructure damage, and severely affected the city's image. Despite the devastation, the businesses, organisations and people of Christchurch are now undergoing significant recovery. The book sheds significant new light not only on business and organisation response to disaster but on how business and urban systems may be made more resilient.

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## **ANTHEMS AND THE MAKING OF NATION STATES**

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### **IDENTITY AND NATIONALISM IN THE BALKANS**

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*Bloomsbury Publishing* Anthems are symbolic means through which nations present themselves to the world. Accordingly, creating seven new nation states out of the bones of Yugoslavia required new anthems. Why did these new states opt for century-old national songs or, failing this, for the anthems without words? What are the images and symbols that each of these states chose as their 'national signatures' and how were these

chosen? This book explores a variety of images of nationhood (or the absence of them) in the lyrics of the official anthems and of competing national songs and traces their historical trajectory from the time of their conception to their legal entrenchment. This is the first full-length study into the symbolic representations of nationhood in the recently created nation states of the Balkans."

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## **THE ORIGINS OF THE COMMON CORE**

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### **HOW THE FREE MARKET BECAME PUBLIC EDUCATION POLICY**

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*Springer Owens* provides a historical analysis of the ideological movements and reform efforts leading to the Common Core State Standards, beginning with conservative criticism of public schools in the 1930s and culminating in a convergence of the political right and left in efforts to systemically reform education based on free market principles.

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## **COLONEL HOUSE**

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### **A BIOGRAPHY OF WOODROW WILSON'S SILENT PARTNER**

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*Oxford University Press* A man who lived his life mostly in the shadows, Edward M. House is little known or remembered today; yet he was one of the most influential figures of the Wilson presidency. Wilson's chief political advisor, House played a key role in international diplomacy, and had a significant hand in crafting the Fourteen Points at the Paris Peace Conference. Though the intimate friendship between the president and his advisor ultimately unraveled in the wake of these negotiations, House's role in the Wilson administration had a lasting impact on 20th century international politics. In this seminal biography, Charles E. Neu details the life of "Colonel" House, a Texas landowner who rose to become one of the century's greatest political operators. Ambitious and persuasive, House worked largely behind the scenes, developing ties of loyalty and using patronage to rally party workers behind his candidates. In 1911 he met Woodrow Wilson, and almost immediately the two formed what would become one of the most famous friendships in American political history. House became a high-level political intermediary in the Wilson administration, proving particularly adept at managing the intangible realm of human relations. After World War I erupted, House, realizing the complexity of the struggle and the dangers and opportunities it posed for the United States, began traveling to and from Europe as the president's personal representative. Eventually he helped Wilson recognize the need to devise a way to end the war that would place the United States at the center of a new world order. In this balanced account, Neu shows that while House was a resourceful and imaginative diplomat, his analysis of wartime politics was erratic. He relied too heavily on personal contacts, often exaggerating his accomplishments and missing the larger historical forces that shaped the policies of the warring powers. Ultimately, as the

Paris Peace Conference unfolded, differences appeared between Wilson and his counselor. Their divergent views on the negotiations led to a bitter split, and after the president left France in June of 1919, he would never see House again. Despite this break, Neu refutes the idea that Wilson and House were antagonists. They shared the same beliefs and aspirations and were, Neu shows, part of an unusual partnership. As an organizer, tactician, and confidant, House helped to make possible Wilson's achievements, and this impressive biography restores the enigmatic counselor to his place at the center of that presidency.

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## **ENVIRONMENTALLY FRIENDLY AND BIOBASED LUBRICANTS**

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*CRC Press* **A Comprehensive Review of Developing Environmentally Friendly Lubricants** A push from environmentally savvy consumers along with recent changes in governmental regulations have paved the way for a marketplace of products with high levels of environmental performance. Fueled by the growing demand for biobased lubricants, *Environmentally Friendly and Biobased Lubricants* highlights the development of environmentally friendly additives that are compatible with environmental regulations and describes the approaches being used in this emerging area. Derived from research topics shared over the years at various technical sessions of the Society of Tribologists and Lubrication Engineers (STLE) Annual Meetings, the book includes a critical assessment of gaps and weaknesses in the field of environmentally friendly fluids and biobased lubricants. Each chapter is written by authors selected from the environmentally friendly fluids and biobased lubricants sessions of STLE and also incorporates input from prominent researchers invited to take part in the book. Expert contributors discuss the control, production, usage, and disposal of lubricants; factor in related policies, laws, and regulations around the world; and include case studies demonstrating the uses and values of commercially viable biobased lubricants. The book is divided into five sections that cover advanced environmentally friendly base oils and feedstocks, biobased hydraulic lubricants and biodegradability, chemically/enzymatically modified environmentally friendly base oils, vegetable oil-based environmentally friendly fluids, and additives for environmentally friendly fluids.

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## **THE TRANSATLANTIC COLOSSUS**

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### **GLOBAL CONTRIBUTIONS TO BROADEN THE DEBATE ON THE EU-US FREE TRADE AGREEMENT**

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*Internet & Gesellschaft Collaboratory* **Now available online: The Transatlantic Colossus: Global Contributions to Broaden the Debate on the EU-US Free Trade Agreement (2014)**, a publication from the Berlin Forum on Global Politics (BFoGP) in collaboration with the Internet & Society Collaboratory and FutureChallenges.org of the Bertelsmann Stiftung. The free trade

**agreement (TAFTA | TTIP) currently being negotiated between the United States and the European Union has the potential to significantly impact the lives of people on both sides of the Atlantic and across the world. Because it is crucial to broaden the debate on this topic of global importance, the Berlin Forum on Global Politics decided to send out an international call for papers in order to collect a strong plurality of views on TAFTA | TTIP as part of the Collaboratory's Initiative on "Globalization and the Internet". The result is an open knowledge publication, freely accessible under its Creative Commons (BY) license, which includes 22 articles written by a multitude of well-informed global stakeholders, members of civil society, academia, think tanks, consumer and activist groups, and business organizations.**