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 ECIE 2020 16th European Conference on Innovation and Entrepreneurship

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ROLLINS KENDALL

Going to University Academic Conferences limited

This book examines the connections between poverty and innovation in Africa. Through case studies and theorizations from a distinctly African perspective, it stands in contrast to current theoretical works in the field, which remain very much rooted in Western-orientated thinking. The book investigates the application of methodologies which explain numerous African contexts in connection with issues of poverty and inequality. It reflects on comparative practices and praxes on the African continent, including commonplace traditions and practices in alleviating poverty, taken against a background of the failure of current prescriptions for poverty alleviation, such as the Structural Adjustment Programmes (SAPs) and the Poverty Reduction Strategy Papers (PRSP). There is a dire need for new practical perspectives which move Africa forward using its indigenous knowledge. Owing to a general lack of recorded African theories and methodologies on poverty, inequality and innovation, this book represents a pioneering corpus of African knowledge addressing poverty and inequality through local innovations. Adopting a transdisciplinary approach, it is relevant to students and scholars in development studies and economics, African studies, social studies, political history and political economy, climate studies, anthropology and geography.

Integration of mental health and HIV interventions World Health Organization

Following an active science-meets-industry approach on dealing with biomass and organics waste streams, this timely book foregrounds key issues facing South African policy makers, industry practitioners and scholars. The editors drew together a wide pool of experts in the biomass and organic valorisation industry and research, offering the most recent research, development and innovation undertaken by South African universities and science councils. Spanning twelve chapters and divided into the following four key parts, the book offers solutions to industry and research on: Quantifying organic waste: An overview of potential sources and volumes is offered, with an identification and characterisation of solid biowaste residues. Biological treatment, covering the latest norms and standards; a biorefinery approach for the sugar industry; an integrated waste management approach for municipal sewage treatment; biogas production from abattoir waste; optimisation of biogas production from animal waste; and integrated bioremediation and beneficiation of bio-based waste. Mechanical and chemical treatment, covering the beneficiation of sawdust waste; developing sustainable biobased polymer and bio-nanocomposite materials; and the valorisation of waste mango seeds. Thermal treatment, which evaluates different municipal solid waste recycling targets in terms of energy recovery and CO₂ reduction.

In The Shadow of Mandela Elsevier

This edited book serves as a vital resource on the contributions of microorganisms to advances in nanotechnology, establishing their applications in diverse areas of biomedicine, environment, biocatalysis, food and nutrition, and renewable energy. It documents the impacts of microorganisms in nanotechnology leading to further developments in microbial nanobiotechnology. This book appeals to researchers and scholars of microbiology, biochemistry and nanotechnology.

Environment, Power, and Justice Boydell & Brewer

Cross-border business transactions have become increasingly important due to new norms of conducting business. Cross-border business has led to the emergence of multiple business opportunities and challenges to various stakeholders. Such global reality cannot simply be ignored; thus, business entities that operate across national borders need to fully employ global business strategies to compete and survive in the dynamic global environment. Multidisciplinary Perspectives on Cross-Border Trade and Business captures a multi-faceted outlook on international business phenomena, particularly when cross-border businesses are severely affected by global crises such

as the COVID-19 pandemic. This book discusses the perspectives of stakeholders from both developed and developing countries as they handled international crises including the COVID-19 pandemic. Covering topics such as knowledge acquisition, internationalization, and small and medium enterprises, this book is an essential resource for business executives, practitioners, policymakers, graduate and post-graduate students of government or business administration, professors, researchers, and academicians.

Food Security in South Africa Routledge

The right to food is guaranteed in South Africa's Constitution as it is in international law. Yet food insecurity remains widespread and persistent, at levels much higher than in countries with similar levels of per capita GDP and development, such as Brazil. In this book, leading local and international researchers on food security and related policy work have come together to create the first systematic and trans-disciplinary analysis of food security and its multiple dimensions in South Africa and the southern African region. Drawing on Amartya Sen's entitlement theory to identify the key drivers of hunger, they see food insecurity as a chronic, structurally based condition rather than only resulting from natural environmental disasters, temporary economic shocks and household vulnerabilities. The authors focus on a range of policy options and choices to provide short-term and longer-term solutions to the systemic causes of unemployment, failing rural livelihoods and traditional subsistence production. They also emphasise the linkages between the social and economic dimensions of food insecurity and use an integrative, interdisciplinary approach to analyse the reasons why these conditions persist and what can be done to address them. Importantly the book brings together work undertaken at local and national levels in new ways so that policy-makers, researchers, human rights advocates and social and economic scholars are better able to make the links between macro- and micro-processes of development.

Opportunities for Biomass and Organic Waste Valorisation Duke University Press

Toxicology: Oxidative Stress and Dietary Antioxidants examines the nature of oxidative stress as a consequence of exposure to toxins and how antioxidant approaches can mitigate the impact of toxicant exposures. Sections covers the basic biology of oxidative stress, from molecular biology, to physiological pathology, mechanisms of action of specific toxicants, metals and other chemicals/drugs, and antioxidant approaches and therapies for toxic exposures. With contributions from an international group of experts, useful summary sections, a dictionary of terms, and applications to other areas of toxicology, this book is an informative, consolidated reference that helps bridge the interrelationship between toxicology, oxidative stress and antioxidants. Provides a novel collection of information linking both sides of redox biology (oxidants and antioxidants) and toxicology. Explores the role of free radical mediated damage and toxicology. Contains contributions from experts on toxicological science surrounding oxidative stress and on antioxidant approaches for reducing the impact of toxicant exposures.

Conspicuous Consumption in Africa IGI Global

This is an open access book. The 2023 Focus Conference will focus on Goal Four (Quality Education) of the United Nations (UN) Sustainable Development Goals (SDG). Goal Four is seized with providing "equal access for all women and men to affordable and quality technical, vocational and tertiary education including university." Quality education, in this context, means the ability to function, provide and derive value in society. The theme of the conference is therefore coined as "The Role of Higher Education in the Attainment of Sustainable Quality Education." Through this theme, the conference will provide a space for participants to share practical knowledge, experiences, and possible solutions to the myriad of problems that confront the higher education sector. Universities are often thought of as ivory towers far removed from the realities that confront global societies. To compound this, higher education is increasingly being questioned for its relevance in providing practical and innovative solutions to existing societal problems. Such questions often navigate

around the relevance of the academic programmes being offered, curriculum, the capacity of staff, employability of graduates, and generally the ability of these institutions to understand why they exist. Indeed, higher education's role in creating a sustainable future will presumably take on greater importance as the world continues to become increasingly globalised and interdependent.

Encyclopedia of Food Grains Springer Nature

The Encyclopedia of Food Grains, Four Volume Set is an in-depth and authoritative reference covering all areas of grain science. Coverage includes everything from the genetics of grains to the commercial, economic and social aspects of this important food source. Also covered are the biology and chemistry of grains, the applied aspects of grain production and the processing of grains into various food and beverage products. With the paramount role of cereals as a global food source, this Encyclopedia is sure to become the standard reference work in the field of science. Also available online via ScienceDirect – featuring extensive browsing, searching, and internal cross-referencing between articles in the work, plus dynamic linking to journal articles and abstract databases, making navigation flexible and easy. For more information, pricing options and availability visit www.info.sciencedirect.com. Written from an international perspective the Encyclopedia concentrates on the food uses of grains, but details are also provided about the wider roles of grains. Well organized and accessible, it is the ideal resource for students, researchers and professionals seeking an authoritative overview on any particular aspect of grain science. This second edition has four print volumes which provides over 200 articles on food grains. Includes extensive cross-referencing and "Further Reading" lists at the end of each article for deeper exploration into the topic. This edition also includes useful items for students and teachers alike, with Topic Highlights, Learning objectives, Exercises for Revision and exercises to explore the topic further.

Multidisciplinary Perspectives on Cross-Border Trade and Business IGI Global

Discomfort with the inappropriateness of university curricula has met with increasing calls for disruptive actions to revitalise higher education. This book, conceived to envision an alternative emancipatory curriculum, explores the historical, ideological, philosophical and theoretical domains of higher education curricula. The authors acknowledge that universities have been and continue to be complicit in perpetuating cognitive damage through symbolic violence associated with indifference to the pernicious effects of race categorisation, gender inequalities, poverty, rising unemployment and cultural hegemony, as they continue to frame curricula, cultures and practices. The book contemplates the project of undoing cognitive damage, offering glimpses to redesign curriculum in the 21st century. The contributors, international scholars, emergent and expert researchers, include different nationalities, orientations and positionalities, constituting an interdisciplinary ensemble which collectively provides a rich commentary on higher education curriculum as we know it and where we think it could be in the future. The edited volume is a catalytic tool for disrupting canonised rituals of practice in higher education. "It has been a while since a scholarly book, so authoritative in its claims and innovative in its concepts, threatens to shake up the curriculum field at its foundations. Rich in metaphor and meaning, the superbly written chapters challenge a field that once more became moribund as we settled (sic) far too comfortably into accepting handed-down frames and fictions about knowledge, authority, power and agency that imprint 'cognitive damage' on those forced to the margins of schools and universities. Disrupting Higher Education Curriculum demonstrates, however, that it is in fact from those margins of the education enterprise that academics, teachers and learners can see more clearly how patterns of thought and action hold us back from placing and experiencing our African humanity at the centre of the curriculum." – Jonathan Jansen, Rector and Vice Chancellor of the University of the Free State, South Africa

Health Research Governance in Africa Wits University Press

The ten-volume set LNCS 12949 – 12958 constitutes the proceedings of the 21st International Conference on Computational Science and Its Applications, ICCSA 2021, which was held in Cagliari, Italy, during September 13 – 16, 2021. The event was organized in a hybrid mode due to the Covid-19 pandemic. The 466 full and 18 short papers presented in these proceedings were carefully reviewed and selected from 1588 submissions. The books cover such topics as multicore architectures, mobile and wireless security, sensor networks, open source software, collaborative and social computing systems and tools, cryptography, human computer interaction, software design engineering, and others. Part II of the set follows two general tracks: geometric modeling, graphics and visualization; advanced and emerging applications. Further sections include the proceedings of the workshops: International Workshop on Advanced Transport Tools and Methods (A2TM 2021); International Workshop on Advances in Artificial Intelligence Learning Technologies: Blended Learning, STEM, Computational Thinking and Coding (AAILT 2021); International Workshop on Advancements in Applied Machine-learning and Data Analytics (AAMDA 2021). At the end of the book there is a block of short papers. The chapter "Spatial justice models: an exploratory analysis on fair distribution of opportunities" is published open access under a CC BY license (Creative Commons Attribution 4.0 International License). /div

Disrupting Higher Education Curriculum Routledge

This book presents the assumptions, narratives, and institutions that underpin the key concepts and investigates the limits and potential of financial inclusion development strategy for gender equality. Using South Africa's women entrepreneurs as a central case, the book interrogates the logic and politics of financial inclusion and gender equality globally and locally. It also examines conditions that explain financial inclusion and women's empowerment concerning women-owned businesses in post-apartheid South Africa. Finally, it presents a debate on the socio-economic factors enabling and limiting women's access to and using financial products to improve their socio-economic empowerment and the future suggestions, policies and recommendations on financial inclusion for women entrepreneurs in South Africa.

Climate Change Science Academic Press

Pathology: Oxidative Stress and Dietary Antioxidants bridges the disciplinary knowledge gap to help advance medical sciences and provide preventative and treatment strategies for pathologists, health care workers, food scientists and nutritionists who have divergent skills. This is important as oxidative stress can be ameliorated with pharmacological, nutraceutical or natural agents. While pathologists and clinical workers understand the processes in disease, they are less conversant in the science of nutrition and dietetics. Conversely, nutritionists and dietitians are less conversant with the detailed clinical background and science of pathology. This book helps to fill those gaps. Saves clinicians and researchers time by helping them to quickly access the very latest details on a broad range of pathologies and oxidation issues. Combines the science of oxidative stress and the putative therapeutic usage of natural antioxidants in the diet. Includes preclinical, clinical and population studies to help pathologists, nutritionists, dietitians, and clinicians map out key areas for research and further clinical recommendations.

Computational Science and Its Applications – ICCSA 2021 IGI Global

The global skills gap and labor market disruptions pose a significant challenge for organizations worldwide. Higher education struggles to bridge the mismatch between skills taught in academia and those demanded by employers, hindering organizations in an era of heightened competition. Advancing Student Employability Through Higher Education offers a comprehensive solution to address this issue. Edited by Bryan Christiansen and Angela Even, this publication brings together

innovative research and insights from employers and employees, serving as a valuable resource for academic scholars seeking the latest research on employer requirements in an era of increasing global hyper-competition. Covering topics like industry-academia collaboration, educational innovation, learning analytics, and educational artificial intelligence (AI), the book provides practical strategies and innovative approaches to bridge the gap between academic instruction and real-world organizational needs. It equips students with the skills and qualifications necessary to thrive in today's global economy through case studies, online learning effectiveness, and training evaluation. By leveraging the expertise of renowned scholars and industry practitioners, the book enhances understanding of the intricate dynamics of the workforce. It empowers scholars, graduate students, and higher education professionals to navigate the evolving needs of organizations, fostering success for individuals and organizational growth in an increasingly competitive landscape.

Proceedings of the 10th Focus Conference (TFC 2023) Springer Nature

From early department stores in Cape Town to gendered histories of sartorial success in urban Togo, contestations over expense accounts at an apartheid state enterprise, elite wealth and political corruption in Angola and Zambia, the role of popular religion in the political intransigence of Jacob Zuma, funerals of big men in Cameroon, youth cultures of consumption in Niger and South Africa, queer consumption in Cape Town, middle-class food consumption in Durban and the consumption of luxury handcrafted beads, this collection of essays explores the ways in which conspicuous consumption is foregrounded in various African contexts and historical moments. The essays in Conspicuous Consumption in Africa put Thorstein Veblen's concept under robust critical scrutiny, delving into the pleasures, stresses and challenges of consuming in its religious, generational, gendered and racialised aspects, revealing conspicuous consumption as a layered set of practices, textures and relations. This volume shows how central and revealing conspicuous consumption can be to fathoming the history of Africa's projects of modernity, and their global lineages and legacies. In its grounded, up-close case studies, it is likely to feed into current public debates on the nature and future of African societies – South African society in particular.

The Politics of Solidarity Routledge

This outstanding and original work goes to the heart of South Africa's political problems - doubts as to the sustainability of the post-apartheid settlement, beset with divisions in the ruling ANC, factionalism, corruption and the widening of fault-lines in state and society. The 'leadership issue' has become key and this will be the first specific examination of leadership in the light of Mandela's legacy and its effect on his successor as potential and actual leaders - all in 'the shadow of Mandela' as the architect of the transition from apartheid to democracy, and with overarching moral authority and international reputation. Alexander Johnston shows how his successors are judged against Mandela's achievements, including the potentially impressive 'lost' leaders and concentrating on his immediate successors, Thabo Mbeki and Jacob Zuma. The book concludes with an in-depth assessment of new president Cyril Ramaphosa's potential to be a leader for a 'new dawn'. This is an objective and critical work by a close observer who acknowledges the achievement of South African leadership but is acutely aware of the doubts as to the sustainability of South Africa's hard won democratic settlement. An essential read for all readers interested in leadership and in the traumatic history and future of Africa's leading state, as the continent rises to global importance.

Rethinking Xhosa and San Indigeneity, Language and Culture in Southern Africa Frontiers Media SA

This book examines the shifting moral and spiritual lives of white Afrikaners in South Africa after apartheid. The end of South Africa's apartheid system of racial and spatial segregation sparked wide-reaching social change as social, cultural, spatial and racial boundaries were transgressed and transformed. This book investigates how Afrikaners have mediated the country's shifting boundaries within the realm of religion. For instance, one in every three Afrikaners used these new freedoms to leave the traditional Dutch Reformed Church (NGK), often for an entirely new religious affiliation within the Pentecostal or Charismatic churches, or New Religious Movements such as Wiccan neopaganism. Based on long-term ethnographic fieldwork in the Western Cape area, the book investigates what spiritual life after racial totalitarianism means for the members of the ethnic group that constructed and maintained that very totalitarianism. Ultimately, the book asks how these new Afrikaner religious practices contribute to social solidarity and integration in a persistently segregated society, and what they can tell us about racial relations in the country today. This book will be of interest to scholars of religious studies, social and cultural anthropology and African studies.

Nutritional Modelling for Pigs and Poultry Springer

Around the world, more young people than ever before are attending university. Student numbers in South Africa have doubled since democracy and for many families, higher education is a route to a better future for their children. But alongside the overwhelming demand for higher education, questions about its purposes have intensified. Deliberations about the curriculum, culture and costing of public higher education abound from student activists, academics, parents, civil society and policy-makers. We know, from macro research, that South African graduates generally have good employment prospects. But little is known at a detailed level about how young people actually make use of their university experiences to craft their life courses. And even less is known about what happens to those who drop out. This accessible book brings together the rich life stories of 73 young people, six years after they began their university studies. It traces how going to university influences not only their employment options, but also nurtures the agency needed to chart their own way and to engage critically with the world around them. The book offers deep insights into the ways in which public higher education is both a private and public good, and it provides significant conclusions pertinent to anyone who works in – and cares about – universities.

Gender, Sexuality and Violence in South African Educational Spaces IGI Global

The book focuses on the ways in which gendered and sexualised systems of power are produced in educational settings that are framed by broader social and cultural processes, both of which shape and are shaped by children and young people as they interact with each other. All these nuanced features of gender and sexuality are vital if we are to understand inequalities and violence, and fundamental to our three-ply yarn approach in this book. Focusing on the South African context, but with international relevance, the authors adopt the metaphor of the three-ply yarn (Jordan-Young, 2010): these being the cross-cutting themes of gender, sexuality and violence. Subsequently, the book illustrates the intimate ties that bind gender and sexuality with the social and cultural dimensions of violence, as experienced in educational settings.

Global Perspectives on Soft Power Management in Business IGI Global

The globalisation of research has resulted in the increased location of research involving humans in developing countries. Countries in Africa, along with China and India, have seen research grow significantly. With emerging infectious diseases, such as Ebola and Zika, emphasising the risk of public health crises throughout the world, a further increase in health research, including clinical research in developing countries, which are often the sites of these diseases, becomes inevitable. This growth raises questions about domestic regulation and the governance of health research. This book presents a comprehensive and systemic view of the regulation of research involving humans in African countries. It employs case studies from four countries in which research activities continue to rise, and which have taken steps to regulate health research activity: South Africa, Nigeria, Kenya,

and Egypt. The book examines the historical and political contexts of these governance efforts. It describes the research context, some of the research taking place, and the current challenges. It also looks at the governance mechanisms, ranging from domestic ethical guidelines to legal frameworks, the strengthening of existing regulatory agencies to the role of professional regulatory bodies. The book analyses the adequacy of current governance arrangements within African countries, and puts forward recommendations to improve the emerging governance systems for health research in African and other developing countries. It book will be a valuable resource for academics, researchers, practitioners and policy-makers working in the areas of health research, biomedical ethics, health law and regulation in developing countries.

Advancing Student Employability Through Higher Education Springer

This handbook provides readers with up-to-date knowledge on environmental movements and activism and is a reference point for international work in the field. It offers an assessment of environmental movements in different regions of the world, macrostructural conditions and

processes underlying their mobilization, the microstructural and social-psychological dimensions of environmental movements and activism, and current trends, as well as prospects for environmental movements and social change. The handbook provides critical reviews and appraisals of the current state of the art and future development of conceptual and theoretical approaches as well as empirical knowledge and understanding of environmental movements and activism. It encourages dialogue across the disciplinary barriers between social movement studies and other perspectives and reflects upon the causes and consequences of citizens' participation in environmental movements and activities. The volume brings historical studies of environmentalism, sociological analyses of the social composition of participants in and sympathizers of environmental movements, investigations by political scientists on the conditions and processes underlying environmental movements and activism, and other disciplinary inquiries together, while keeping a clear focus within social movement theory and research as the main lines of inquiry. The handbook is an essential guide and reference point not only for researchers but also for undergraduate and graduate teaching and for policymakers and activists.