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Faculty Of

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University Education, Controversy and Democratic Citizenship Nuraan Davids 2020-11-16 This book explores the role of the university in upholding democratic values for societal change. The chapters advocate for the moral virtue of democratic patriotism: the editors and contributors argue that universities, as institutions of higher learning, can encourage the creation of critical and patriotic citizens. The book suggests that non-violence, tolerance, and peaceful co-existence ought to manifest through pedagogical university actions on the basis of educators' desire to cultivate reflectiveness, criticality, and deliberative inquiry in and through their academic programmes. In a way, universities can respond more positively to the violence on our campuses and in society if public and controversial issues were to be addressed through an education for democratic citizenship and human rights.

Environmental Biotechnology Marian Petre 2013-02-07 Taking into consideration the outstanding importance of studying and applying the biological means to remove or mitigate the harmful effects of global pollution on the natural environment, as direct consequences of quantitative expansion and qualitative diversification of persistent and hazardous contaminants, the present book provides useful information regarding New Approaches and Prospective Applications in Environmental Biotechnology. This volume contains twelve chapters divided in the following three parts: biotechnology for conversion of organic wastes, biodegradation of hazardous contaminants and, finally, biotechnological procedures for environmental protection. Each chapter provides detailed information regarding scientific experiments that were carried out in different parts of the world to test different procedures and methods designed to remove or mitigate the impact of hazardous pollutants on environment. The book is addressed to researchers and students with specialties in biotechnology, bioengineering, ecotoxicology, environmental engineering and all those readers who are interested to improve their knowledge in order to keep the Earth healthy.

Chalcogens: Advances in Research and Application: 2011 Edition 2012-01-09 Chalcogens: Advances in Research and Application: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Chalcogens. The editors have built Chalcogens: Advances in Research and Application: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Chalcogens in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and

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Model Organisms to Study Biological Activities and Toxicity of Nanoparticles Busi Siddhardha 2020-03-28 This book provides a comprehensive overview of state-of-the-art applications of nanotechnology in biology and medicine, as well as model organisms that can help us understand the biological activity and associated toxicity of nanoparticles, and devise strategies to minimize toxicity and enhance therapies. Thanks to their high surface-to-volume ratio, nanoparticles are characterized by excellent biocompatibility and bioavailability, a high therapeutic index, and relatively low toxicity, which has led to their widespread application in the early diagnosis of diseases, comprehensive monitoring of disease progression, and improved therapeutics. The book also explores nanoparticle-based insecticides and their mechanisms of action, and provides a comparative analysis of the various model organisms that are used to understand the biological properties of nanoparticles. Further, it describes various in-vivo models that yield important insights into nanomaterial-mediated toxicity, promoting the optimal utilization of nanoparticles. In closing, the book discusses future perspectives and regulatory issues concerning the use of nanomaterials in translational research.

Waste Management in the Fashion and Textile Industries Rajkishore Nayak 2021-01-07 Waste Management in the Textiles Industry explores and explains the latest technologies and best practices for an integrated approach to the management and treatment of wastes generated in this industry. Provides a strong technological analysis of the manufacturing supply chain, including spinning, fabric production, finishing, garment manufacture, and the packaging of clothing Explains how textile technology perspectives feed into management decision-making about sustainability Addresses the industry's impact on air and water quality and landfill waste

A scholarly inquiry into disciplinary practices in educational institutions Connie B. Zulu 2019-12-12 This book is a collection of chapters based on original research dealing with issues of discipline and disciplinary practices in educational institutions. The aim of the book is to provide a scholarly and scientific perspective on the current state of discipline and disciplinary practices in schools and tertiary education settings. The issue of discipline is investigated from diverse paradigmatic and methodological perspectives, presenting empirical as well as also philosophical research. The empirical perspective includes quantitative (positivistic), qualitative (interpretive) and mixed methods (pragmatic), designs and worldviews. This book offers a ground-breaking contribution to the field of learner and student discipline, with insights into disciplinary practices and issues in educational institutions not hitherto researched, such as Technical Vocational Education and Training colleges and universities.

Cyclohexanecarboxylic Acids: Advances in Research and Application: 2011 Edition 2012-01-09 Cyclohexanecarboxylic Acids: Advances in Research and Application: 2011 Edition is a ScholarlyBrief™ that delivers timely, authoritative, comprehensive, and specialized information about Cyclohexanecarboxylic Acids in a concise format. The editors have built Cyclohexanecarboxylic Acids: Advances in Research and Application: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Cyclohexanecarboxylic Acids in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Cyclohexanecarboxylic Acids: Advances in Research and

Application: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

The National Agricultural Directory 2011 2010

Issues in Cancer Prevention, Detection, and Screening Research and Practice: 2013 Edition

2013-05-01 Issues in Cancer Prevention, Detection, and Screening Research and Practice: 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Cancer Detection and Prevention. The editors have built Issues in Cancer Prevention, Detection, and Screening Research and Practice: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Cancer Detection and Prevention in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Cancer Prevention, Detection, and Screening Research and Practice: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Cultural Studies Intellect Books 2013 This volume of Who's Who in Research series offers a useful guide for current researchers in Intellect's subject area of Cultural Studies.

Diabetes Victor R Preedy 2020-04-24 *Diabetes: Oxidative Stress and Dietary Antioxidants, Second Edition*, builds on the success of the first edition, covering updated research on the science of oxidative stress in diabetes and the potentially therapeutic usage of natural antioxidants in the diet and food matrix. The processes within the science of oxidative stress are not described in isolation, but rather in concert with other processes, such as apoptosis, cell signaling and receptor mediated responses. This approach recognizes that diseases are often multifactorial and oxidative stress is a single component of this. Since the publication of the first edition, the science of oxidative stress and free radical biology continues to rapidly advance with thousands of the research articles on the topic. New sections in this update cover the role of dietary advanced glycation end products (AGEs) in causing OS in diabetes, oxidative stress and diabetes-induced bone metabolism, and oxidative stress and diabetic foot ulcer. Saves clinicians and researchers time in quickly accessing the very latest details on a broad range of diabetes and oxidation issues Combines the science of oxidative stress and the putative therapeutic usage of natural antioxidants in the diet, its food matrix or plant Includes preclinical, clinical and population studies to help endocrinologists, diabetologists, nutritionists, dieticians and clinicians map out key areas for research and further clinical recommendations

ICICKM 2018 15th International Conference on Intellectual Capital Knowledge Management & Organisational Learning Prof. Shaun Pather 2018-11-29

Telling Stories Differently Janet Condy 2015-09-01 The aim of this book is to share a relatively loose collection of studies using digital storytelling as a pedagogical tool in Cape Peninsula University of Technology (CPUT). The book takes an informed social justice approach to teaching and learning, at the

heart of which is the exploration of DST as a practice of voice and agency. Voice and agency are important in excavating and recovering subjugated identities, and moving the concerns of those occupying subaltern spaces to the mainstream of teaching and learning. Yet this discursive shift is not without inherent challenges. Multi-modal technologies are reflective of wider inequities in the so-called technological divide. Whilst this is a book about higher education, there are important lessons for schooling. On the one hand, the book is a powerful demonstration of the potential of DST for enhancing learning in schools, particularly in schools serving the poor and marginalised. On the other hand, improving teaching and learning in higher education, through the creative use of technology, is essential to overcome the learning challenges of those entering tertiary level institutions.

The Imperatives of a Learning Organisation: The Case of Cape Peninsula University of Technology
Stephan Bach 2013-10-23 Bachelor Thesis from the year 2012 in the subject Business economics - Business Management, Corporate Governance, grade: 1,0, , language: English, abstract: Organisational learning was first mentioned in the management literature by Drucker (1958:47). He stated: "management is first and foremost about the continuing development of the organisation and its employees. The demands and needs of the environment are constantly evolving and management is about adjusting the company according to the needs and demands of the environment". Since then the literature available extensively covers the term organisational learning. Several authors in the fields of management, economics, sociology, psychology and education wrote about the subject. As a result the field of organisational learning became rather fragmented. Studies have been carried out in separate disciplines independent of each other (Boreham and Morgan, 2004:307-325). Though the field has become fragmented because of the diversities in approaches to this study, it is possible to identify a core definition of what organisational learning is (Lundvall, 2001:273-291). According to Robinson (2010:1-13) early studies focused mainly on the decision-taking processes as a form of organisational learning. For example Argyris (1977:115-125) stated that organisational learning is a process of detecting and correcting error. Another definition from Hedberg (1981:1-27) argues that organisational learning is the process through which managers seek to improve employees' desires and abilities to understand and manage the organisation and its task environment so that employees can make decisions and function effectively. Later the influences of organisational learning on the whole organisation became evident. The work of Armstrong and Foley (2003:74-82) indicates that organisational learning is a process that takes place in organisations which enables learning of its members in such a way that positively valued outcomes are created. The expected outcomes are innovation, efficiency and better alignment with the environment leading to competitive advantage of the organisation. The effects of organisational learning are manifested in the organisation's systems, structures and culture. More recent literature defines organisational learning as a dynamic process of creation, acquisition and integration of knowledge with the aim to develop resources and capabilities that contribute to improved organisational performance (López, Péon and Ordás, 2005:227-245).

Creating Effective Teaching and Learning Spaces: Shaping Futures and Envisioning Unity in Diversity and Transformation Zilungile Lungi Sosibo 2021-09-07 Higher education in post-apartheid South Africa was always likely to attract academic interest, and yet there remains a dearth of research on creating teaching and learning spaces suitable for students from diverse backgrounds. Using examples from higher education institutions across the Southern African Developing Community (SADC) region, this volume explores the ways teaching and learning spaces are being used to advance the transformation agenda of higher education in these regions, and provides concrete recommendations for the future. The book is sure to appeal to academics from a variety of disciplines - from African, African American and ethnic studies to education and sociology. It will be of particular interest to teacher trainers, administrators and policy-makers working in higher education, and anyone

else with a stake in managing cultural diversity in education.

Curriculum as Contestation Suellen Shay 2019-12-20 In 2015 a social movement swept across the South African higher education sector fuelled by the anger of the 'born free' generation, the students born into post-apartheid South Africa. The movement found solidarity in other parts of the globe where the past decade has witnessed the rise of student protests in the UK, the US, Chile, Turkey and Hong Kong to name a few. While the demands are specific to national contexts, the underlying obstacles of economic, cultural and political access into higher education are consistent. These protests have put a spotlight on the global academy that, like the society of which it is a part, is increasingly characterized by inequality. At its core these movements call for a more socially just higher education system. This call is profoundly dissonant to the dominant neoliberal discourses currently shaping higher education. Against the backdrop of these discourses there has been an unprecedented pressure on higher education curricula. This edited collection is dedicated to exploring what a socially just curriculum reform agenda might involve. The authors share a commitment to socially just curricula and a concern about the ways in which curricula are deeply implicated in the processes of producing and reproducing inequality. Each chapter opens up a different vista on the contested curriculum space drawing on a range of theoretical tools - Archer, Bernstein, Giroux, and Maton to name a few - to illuminate the contestation. Perhaps even more importantly they also draw on a range of voices from both inside and outside the academy. This book was originally published as a special issue of *Teaching in Higher Education*.

Innovation Africa 2016-03-31 This book contains a number of case studies that examine the nature and origins of emerging high-end innovation hubs in Africa. It analyses, highlights and draws lessons from some of the most promising and successful innovation cases in Africa today, exploring the key factors driving their successful emergence, growth and future prospects.

CIRN2005 Geoff Erwin 2005

Clove (*Syzygium aromaticum*) Mohamed Fawzy Ramadan 2022-07-22 *Clove (*Syzygium aromaticum*): Chemistry, Functionality and Applications* addresses the cultivation, composition and applications of clove, along with the chemistry, functionality and applications of clove fixed oil, clove essential oil, and clove extracts and their role in food and medicine. Specifically, the book delves into the functional, nutritional and pharmacological traits of clove by demonstrating the phytochemical profile, biological activities, and food and non-food applications of clove buds, clove oils, clove bioactive compounds, and clove extracts. This reference will be of use to food scientists, technologists, and chemists, nutritionists and pharmacists developing new pharmaceuticals and food products. Explores the chemistry and functionality of clove buds, clove oils and clove extracts Discusses clove bioactive phytochemicals and their health-promoting potential Presents the functional applications of clove buds, clove oils and clove extracts in food Includes applications, literature reviews, and coverage of recent developments

Microorganisms for Sustainable Environment and Health Pankaj Chowdhary 2020-07-21 *Microorganisms for Sustainable Environment and Health* covers hazardous pollutants released from natural as well as anthropogenic activities and implications on environmental and human health. This book serves as a valuable source of basic knowledge and recent developments in the clean technologies and pollution-associated diseases and abnormalities in the context of microorganisms. Focused on current solutions to various environmental problems in the field of bioremediation, it provides a detailed knowledge on the various types of toxic environmental pollutants discharged from different sources, their toxicological effects in environments, humans, animals and plants as well as their biodegradation

and bioremediation approaches. This book helps environmental scientists and microbiologists learn about existing environmental problems and suggests ways to control or contain their effects by employing various treatment approaches. Provides information on waste treatment approaches using microbes Includes applications in biofuel and bioenergy production Covers green belt development, hydroponics, phytoremediation, wetland treatment technology, and common effluent treatment plants (CETPs) Discusses dissemination of antibiotic resistance among pathogenic microbes and strategies to combat multi-drug resistance (MDR)

Glimpses into Primary School Teacher Education in South Africa Sarah Gravett 2020-11-05 This book explores the current landscape of Initial Teacher Education (ITE) in primary schools in South Africa. Considering recent policy directives and initiatives, it highlights the dilemmas of ITE for the primary school and gives a thorough account of innovations and initiatives to improve ITE. The book presents what works best for quality preparation of teachers in the Global South, where many children rely on their teachers and school life to break the cycle of poverty. Chapters draw on evidence from workplace learning, pre-service study, and primary school teacher education policy to highlight examples of promising change in teacher education in South Africa, addressing the clichés of "theory versus practice" head-on. This book successfully brings out the challenging aspects of teacher education for childhood learning which has otherwise been regarded as the softer option for a career in education. This book will be of great interest for academics, researchers, and post-graduate students in the fields of teacher education, African education, educational policy, international education, and comparative education.

Sustainable Technologies for Fashion and Textiles Rajkishore Nayak 2019-10 Sustainable Technologies for Fashion and Textiles combines the latest academic research and industrial practices to shed light on a wide range of activities that influence how the textiles industry affects the natural environment. Pressure from regulators, customers and other stakeholders has pressed companies to translate general sustainability concepts and ideas into business practices. This is leading to improvements in how the industry consumes water, electricity and chemicals, and to a reduction in the amount of waste generated by textile processes. This book groups approaches to these topics under four themes, fiber, yarn and fabric production, chemical processing, garment manufacturing and recycling. Addresses sustainability challenges that occur throughout the supply chain, from the sourcing of raw materials, to recycling finished products Provides introductions to sustainability--both in general and within the textiles industry--making this topic accessible for readers of all backgrounds Compares the advantages and disadvantages of different approaches to sustainability, helping readers avoid pitfalls when devising their own strategies

Bioactive Compounds of Medicinal Plants Megh R. Goyal 2018-07-04 This volume sheds new light on the immense potential of medicinal plants for human health from different technological aspects. It presents new research on bioactive compounds in medicinal plants that provide health benefits, including those that have proven especially effective in treating and managing diabetes mellitus and hypertension. It looks at the medicinal properties, antioxidant capacity, and antimicrobial activity of plants and provides scientific evidence on the use of medicinal plants in the treatment of certain diseases. Many of the plants described in the chapters are easily accessible and are believed to be effective with fewer side effects in comparison to modern drugs in the treatment of different diseases.

Facility and Infrastructure Management Symposium 2009 Ludwig Martin 2009

Leading Issues in elearning Melanie Ciussi 2015-03-09 Volume two of Leading Issues in e-Learning

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Research brings together a collection of the latest ideas in the area of e-Learning research. e-Learning is undergoing a revolution. The expectations of X and Y generation learners are changing the way we teach. They want more interactive, social and mobile course presentation formats which are resulting in novel teaching methods like flipped classrooms, new tools for learning, apps, social learning and augmented reality. Also, the rise of MOOCs (Massive Open Online Courses) can offer free education for learners around the world. Behind the trends is an ever more globalised, complex and interconnected world which has led to new expectations regarding training, especially in higher education settings: students need to be digitally literate and able to manage uncertainty through creative thinking. This is a profound change which draws its inspiration from the world of business, fostering pedagogical innovation to create new e-Learning initiatives. Melanie Ciussi has put together an excellent collection of leading research papers on the pedagogical innovations that are part of this digital revolution. The general reader as well as researchers, teachers and students will find this book very rewarding."

Modeling and Simulation in Engineering, Economics, and Management Kurt J. Engemann 2012-06-02 This book contains the refereed proceedings of the International Conference on Modeling and Simulation in Engineering, Economics, and Management, MS 2012, held in New Rochelle, NY, USA, in May/June 2012. The event was co-organized by the AMSE Association and Iona College. The 27 full papers in this book were carefully reviewed and selected from 78 submissions. In addition to these papers a summary of the plenary presentation given by Ronald R. Yager is also included. The book mainly focuses on the field of intelligent systems and its application to economics and business administration. Some papers have a stronger orientation towards modeling and simulation in these fields.

Biomarkers in Diabetes Vinood B. Patel 2022-10-31 This handbook focuses specifically on biomarkers in diabetes and provides a comprehensive understanding of this field. Readers will gain deep insights into bioinformatics and network analysis of biomarkers in diabetes, and will learn about circulating biomarkers in body fluids and specific pathological features of diabetes. Various animal models in diabetes research are also presented. In addition, like the previous volumes in this large reference series, the book provides a comprehensive look at genetics, cellular, and histological variables. The goal of this handbook is to provide information on markers of this disease to facilitate diagnosis, introduce new technologies, and ultimately improve health. It is a must for researchers as well as advanced students and physicians in the field of diabetes and biomarker research and application.

Proceedings of the International Conference on Business and Management Dynamics 2016: Sustainable economies in the information economy Joy E. Akahome 2016-12-31 Cape Town, South Africa, 7 Sept. 2016 - 8 Sept. 2016. Theme: Sustainable economies in the information economy. Purpose: To share the quality academic papers presented at the International Conference on Business and Management Dynamics (ICBMD) held from 7 to 8 September 2016 at African Pride Crystal Hotel and Spa in Cape Town. As grey literature, the proceedings are the contributions made by researchers at the conference and are considered the written record of the work that was presented to fellow conference delegates. Methodology: The methodology used varies from researcher to researcher but are suitable for the studies conducted. Thus, on the one hand, studies that were subjective in nature used the interpretive paradigm, where the qualitative approach adopted made use of the interview method to collect data. On the other hand, studies that were objectively inclined adopted the positivist philosophy and used survey questionnaires to collect data. However, there were some academic papers which used mixed methodology because of the nature of the study. Whatever methodology used adhered to the ethos of the philosophies underpinning the methodology. Contribution made to scholarship: The articles come from individual researchers and each article in the proceedings is unique. Mostly, there is no general

argument leading from one contribution to the next. However, it is interesting to note that in the area of economic performance it was evident that real exchange rate and net foreign direct investment contribute more towards innovations in economic growth. With regard to human capital development, papers presented evidence that there exists a definite need to explore the phenomenon of personal branding as limited scientific academic research has been done within the field of personal branding or on elements of the topic. Thus, the outcome argues that personal branding has an influence on leadership style which in turn impacts on organisational performance and related hygiene factors. Furthermore, it was demonstrated that current methods or strategies for enforcing institutionalisation of knowledge sharing within an organisation have not been successful, and, as such, new strategies are needed to reinforce efforts to nurture and invigorate the institutionalisation of knowledge sharing within an organisation. With regard to technology and big data impact on organisational performance, it was evident that system performance, memory consumption and CPU utilisation can be used as criteria to compare and evaluate big data technologies to improve organisational performance. Most of the articles' contribution reemphasised technology education and training as a means of digitising business and improving effectiveness. Target audience: The target readership is academic researchers and business leaders who require access to the latest developments in the fields of economics, information management, business, education, development studies, social sciences and technology. It is also for policymakers and other stakeholders who need a better understanding of the impact of new developments on existing policies and regulations for their review or amendment.

A Guide to Managing Public Policy William Fox 2007 A unique guidebook, this collection of discussions on South African public policy focuses on the implementation and management of sound policies in addition to the traditional talks on the creation of such guidelines. An examination of the introduction of South African public policies that can be sustained over a long period of time is also included.

Knowledge Beyond Colour Lines Monwabisi K. Ralarala 2021-05-25 Knowledge remains timely in education. The need for academics to contemplate its relevance, worth, use and everything in-between deems a continuous intellectual project, rather than a conundrum to be solved. This book takes the South African context by the horns as it challenges the often dormant and traditionalist ways in which higher education spaces see knowledge. Through original research and the voices of academics and students, this book argues for repurposing knowledge generation, knowledge sharing and critical pedagogy so that more inclusive teaching and learning environments can be both imagined and sustained. The contentious tensionalities that this creates for LoLT and SoTL, in particular, are unlocked so as to trouble the South African higher education landscape with the intent to proffer alternative pathways for a knowledge beyond colour lines. Prof Shan Simmonds (PhD) NWU This edited volume bristles with fresh scholarly approaches and insights of an emergent generation of engaged scholars grappling with the issues and problems of higher education in South Africa. The issues dealt with here are varied and encompassing. They are treated with intellectual delicacy and probing sensitivity, articulacy, informed data and bold conclusions. They serve well! Prof. Kwesi Kwaa Prah Emeritus Professor of Sociology, University of the Western Cape Founder of the Centre for Advanced Studies of African Society

Proceedings of the 7th International Conference on Business and Finance Michael Twum-Darko 2015-12-31 Cape Town, South Africa, 9 Sept. 2015 - 10 Sept. 2015. Theme: 'Creating futures: Sustainable economies?', Purpose: To share continuous and collaborative research outputs that review existing strategies and to propose mechanisms for the likely achievement of a sustainable economy that is unique but inclusive to different entities in the world. Target audience: This year's 7th International

Conference on Business and Finance (ICBF) continues its tradition of being the premier forum for presentation of research results and experience reports on contemporary issues of finance, accounting, entrepreneurship, business innovation, big data, e-Government, public management, development economics and information systems, including models, systems, applications, and theory. Editorial Policy: All papers were refereed by a double blind reviewing process in line with the South African, Department of Higher Education Training (DHET) refereeing standards. Papers were reviewed according to the following criteria: relevance to conference themes, relevance to audience, contribution to scholarship, standard of writing, originality and critical analysis.

ICEL 2018 13th International Conference on e-Learning Professor Eunice Ivala 2018-07-05

Who's Who in Research: Cultural Studies Intellect Books 2013-01-01 Increasingly, academic communities transcend national boundaries. 'Collaboration between researchers across space is clearly increasing, as well as being increasingly sought after,' noted the online magazine Inside Higher Ed in a recent article about research in the social sciences and humanities. Even for those scholars who don't work directly with international colleagues, staying up-to-date and relevant requires keeping up with international currents of thought in one's field. But when one's colleagues span the globe, it's not always easy to keep track of who's who - or what kind of research they're conducting. That's where Intellect's new series comes in. A set of worldwide guides to leading academics - and their work - across the arts and humanities, Who's Who in Research features comprehensive profiles of scholars in the areas of cultural studies, film studies, media studies, performing arts and visual arts. Who's Who in Research: Visual Arts includes concise yet detailed listings include each academic's name, institution, biography, and current research interests, as well as bibliographic information and a list of articles published in Intellect journals. The volumes in the Who's Who in Research series will be updated each year, providing the most current information on the foremost thinkers in academia and making them an invaluable resource for scholars, hiring committees, academic libraries and would-be collaborators across the arts and humanities.

Activity Theory, Authentic Learning and Emerging Technologies Vivienne Bozalek 2014-09-15 Although emerging technologies are becoming popularised for teaching, learning and research, the relationship between their use and transformative effects on higher education remain largely unexplored. This edited collection seeks to fill this gap by providing a nuanced view, locating higher education pedagogical practices at an intersection of emerging technologies, authentic learning and activity systems. Providing numerous case studies as examples, the book draws from a wide range of contexts to illustrate how such a convergence has the potential to track transformative teaching and learning practices in the higher education sector. Chapters provide the reader with a variety of transformative higher education pedagogical practices in southern contexts, theorised within the framework of Cultural Historical Activity Theory (CHAT) and tool mediation, while using authentic learning as a pedagogical model upon which this theoretical framework is based. The topics covered in the book have global relevance, with research paying particular attention to South Africa, Australia and New Zealand, where the authors are based. The book will be of interest to educators, researchers and practitioners in higher education, as well as those interested in emerging technologies in education more generally.

Theorising Learning to Teach in Higher Education Brenda Leibowitz 2016-11-10 Theorising Learning to Teach in Higher Education provides both lecturers embarking on a career in higher education and established members of staff with the capacity to improve their teaching. The process of learning to teach, and the associated field of professional academic development for teaching, is absolutely central to higher education. Offering innovative alternatives to some of the dominant work on teaching theory,

this volume explores three significant approaches in detail: critical and social realist, social practice and sociomaterial approaches, which are divided into four sections: Sociomaterialism Practice theories Critical and social realism Crossover perspectives. Readers will benefit from discussions on the role and place of theory in the process of learning to teach, whilst international case studies demonstrate the kinds of insights and recommendations that could emanate from the three approaches examined, drawing together contributions from Europe, Africa and Australasia. Both challenging and enlightening, this book argues the need for theory in order to advance scholarship in the field and achieve goals related to social justice in higher education systems across the world. It draws attention to newly emerging theoretical perspectives and relatively underused perspectives to demonstrate the need for theory in relation to learning to teach. This book will appeal to academics interested in how they come to learn to teach, to administrators and academic developers responsible for professional development strategies at universities and masters and PhD level students researching professional development in higher education.

Iaeng Transactions On Engineering Sciences: Special Issue For The International Association Of Engineers Conferences 2016 Ao Sio-iong 2017-06-29

Two large international conferences on Advances in Engineering Sciences were held in Hong Kong, March 16-18, 2016, under the International MultiConference of Engineers and Computer Scientists (IMECS 2016), and in London, UK, 29 June - 1 July, 2016, under the World Congress on Engineering (WCE 2016) respectively. This volume contains 21 revised and extended research articles written by prominent researchers participating in the conferences. Topics covered include engineering mathematics, computer science, electrical engineering, manufacturing engineering, industrial engineering, and industrial applications. The book offers state-of-the-art advances in engineering sciences and also serves as an excellent reference work for researchers and graduate students working with/on engineering sciences.

Reviews of Environmental Contamination and Toxicology Volume 213 David M. Whitacre 2011-05-04
Reviews of Environmental Contamination and Toxicology attempts to provide concise, critical reviews of timely advances, philosophy and significant areas of accomplished or needed endeavor in the total field of xenobiotics, in any segment of the environment, as well as toxicological implications.

Faculty Perspectives on Vocational Training in South Africa Eunice Ivala 2019
The Cape Peninsula University of Technology (CPUT) is one of four Universities of Technology established by the South African government in 2005 with a focus on vocational training. This book presents faculty experiences of CPUT's innovative, work-integrated learning and teaching model, as well as findings from practice-based research being done in the institution. The purpose of this volume is to be a resource for other institutions in South Africa that wish to try similar strategies, as well as a to trigger a community of practice with vocationally oriented institutions outside of South Africa.

Faculty Perspectives on Vocational Training in South Africa Eunice N. Ivala 2019-03-06
The Cape Peninsula University of Technology (CPUT) is one of four Universities of Technology established by the South African government in 2005 with a focus on vocational training. This book presents faculty experiences of CPUT's innovative, work-integrated learning and teaching model, as well as findings from practice-based research being done in the institution. The purpose of this volume is to be a resource for other institutions in South Africa that wish to try similar strategies, as well as a to trigger a community of practice with vocationally oriented institutions outside of South Africa.

Opuntia spp.: Chemistry, Bioactivity and Industrial Applications Mohamed Fawzy Ramadan 2021-10-28
The Opuntia fruits, commonly known as cactus pears or prickly pears, have been suggested

by the Food and Agriculture Organization to be a promising and strategic crop in regions suffering from lack of water. In Mexico, India, South Africa, and the Mediterranean, the Opuntia fruits have become popular due to their nutritive value and health-promoting benefits, including antioxidant, antiulcerogenic and antiatherogenic traits and protective effects against LDL oxidation. Additionally, readily absorbable sugars, high vitamin C and mineral content, and a pleasant flavour make Opuntia tailor-made for novel foods. Due to their ecological advantages, high functional value, and health-related traits, Opuntia fruits can be highly exploited in different food processing applications. For instance, Opuntia cactus fruits are used for the preparation of juices and marmalades; Opuntia cactus plants are used to feed animals in African and Latin American countries; Peruvian farmers cultivate Opuntia cactus for growing the cochineal (*Dactylopius coccus*) insect and producing the natural dye carmine; and the commercial production of food and non-food products from Opuntia has been established in Mexico, USA and several Mediterranean countries. Opuntia spp.: Chemistry, Bioactivity and Industrial Applications creates a multidisciplinary forum of discussion on Opuntia cactus with special emphasis on its horticulture, post-harvest, marketability, chemistry, functionality, health-promoting properties, technology and processing. The text includes detailed discussion of the impact of traditional and innovative processing on the recovery of high-added value compounds from Opuntia spp. by-products. Later chapters explore the potential applications of Opuntia spp. in food, cosmetics and pharmaceutical products.