

# **Nmmu Application Forms 2014 Second Semester**

Handbook of Career Development  
Climate Crisis  
Lab-on-a-Chip Devices and Micro-Total Analysis Systems  
ICT for Promoting Human Development and Protecting the Environment  
Global Journalism Education in the 21st Century  
Public-private Partnership in Infrastructure Development  
Motivating Learning  
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ECIME 2014 Proceedings of the 8th European Conference on IS Management and Evaluation  
Cracking the SAT French Subject Test, 2013-2014 Edition  
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Report of the FIFTH GLOBAL FISHERIES ENFORCEMENT TRAINING WORKSHOP (GFETW)  
A Participatory Paradigm for an Engaged Scholarship in Higher Education  
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Proceedings of the Eighth International Symposium on Human Aspects of Information Security & Assurance (HAISA 2014)  
Women's Leadership in Peace Building  
Universities and Economic Development in Africa  
Conservation Biology in Sub-Saharan Africa  
Information Technology - New Generations  
IBM Power Systems LC921 and LC922: Technical Overview

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and Introduction Universities, Employability and  
Human Development Higher Education  
Pathways Aquatic Biodiversity II Women's Career  
Development Doctoral Education in South Africa The  
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Management South Africa and the Law of the Sea

### **Handbook of Career Development**

#### **Climate Crisis**

This volume presents a collection of peer-reviewed, scientific articles from the 14th International Conference on Information Technology - New Generations, held at Tuscan Suites Hotel in Las Vegas. The proceedings addresses critical areas of information technology including web technology, communications, computing architectures, software engineering, security, and data mining.

#### **Lab-on-a-Chip Devices and Micro-Total Analysis Systems**

Providing insight into the politics of the Ebola epidemic, Van Reisen's opening gambit is the claim that the UK government has repurposed a health crisis into a security challenge. Rather than discussing

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Ebola as a humanitarian crisis, the rhetoric surrounding it has been used to ramp up the fear and stigma surrounding African immigrants into the UK. Van Reisen offers an unusual solution to the lack of humane discourse in the media: promote more women.

### **ICT for Promoting Human Development and Protecting the Environment**

Capitalism's addiction to fossil fuels is heating our planet at a pace and scale never before experienced. Extreme weather patterns, rising sea levels and accelerating feedback loops are a commonplace feature of our lives. The number of environmental refugees is increasing and several island states and low-lying countries are becoming vulnerable. Corporate-induced climate change has set us on an ecocidal path of species extinction. Governments and their international platforms such as the Paris Climate Agreement deliver too little, too late. Most states, including South Africa, continue on their carbon-intensive energy paths, with devastating results. Political leaders across the world are failing to provide systemic solutions to the climate crisis. This is the context in which we must ask ourselves: how can people and class agency change this destructive course of history? Volume three in the Democratic Marxism series, *The Climate Crisis* investigates eco-socialist alternatives that are emerging. It presents the thinking of leading climate justice activists, campaigners and social movements advancing systemic alternatives and developing bottom-up, just

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transitions to sustain life. Through a combination of theoretical and empirical work, the authors collectively examine the challenges and opportunities inherent in the current moment. This volume builds on the class-struggle focus of Volume 2 by placing ecological issues at the centre of democratic Marxism. Most importantly, it explores ways to renew historical socialism with democratic, eco-socialist alternatives to meet current challenges in South Africa and the world.

### **Global Journalism Education in the 21st Century**

This work presents a comprehensive theory of dreaming based on many years of psychological and biological research by Ernest Hartmann and others.

### **Public-private Partnership in Infrastructure Development**

This book is focused on work, occupation and career development: themes that are fundamental to a wide range of human activities and relevant across all cultures. Yet theorizing and model building about this most ubiquitous of human activities from international perspectives have not been vigorous. An examination of the literature pertaining to career development, counseling and guidance that has developed over the last fifty years reveals theorizing and model building have been largely dominated by Western epistemologies, some of the largest workforces in the world are in the developing world. Career guidance is

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rapidly emerging as a strongly felt need in these contexts. If more relevant models are to be developed, frameworks from other cultures and economies must be recognized as providing constructs that would offer a deeper understanding of career development. This does not mean that existing ideas are to be discarded. Instead, an integrative approach that blends universal principles with particular needs could offer a framework for theorizing, research and practice that has wider relevance. The central objective of this handbook is to draw the wisdom and experiences of different cultures together to consider both universal and specific principles for career guidance and counseling that are socially and economically relevant to contemporary challenges and issues. This book is focused on extending existing concepts to broader contexts as well as introducing new concepts relevant to the discipline of career guidance and counseling.

### **Motivating Learning**

Print+CourseSmart

### **Knowledge as Enablement**

This collection presents new investigations into the role of heritage languages and the correlation between culture and language from a pedagogic and cosmopolitical point of view.

### **Castells in Africa**

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This IBM® Redpaper™ publication is a comprehensive guide that covers the IBM Power Systems™ LC921 and LC922 (9006-12P and 9006-22P) servers that use the current IBM POWER9™ processor-based technology and supports Linux operating systems (OSes). The objective of this paper is to introduce the offerings and their capacities and available features. These new Linux scale-out systems provide differentiated performance, scalability, and low acquisition cost, and include the following features: Superior throughput and performance for high-value Linux workloads. Low acquisition cost through system optimization (industry-standard memory and industry-standard three-year warranty). Rich I/O options in the system unit. There are 12 large form factor (LFF)/small form factor (SFF) bays for 12 SAS/SATA hard disk drives (HDDs) or solid-state drives (SSDs), and four bays that are available for Non-Volatile Memory Express (NVMe) Gen3 adapters. Includes Trusted Platform Module (TPM) 2.0 Nuvoton NPCT650ABAWX through I2C (for secure boot and trusted boot). Integrated MicroSemi PM8069 SAS/SATA 16-port Internal Storage Controller Peripheral Component Interconnect Express (PCIe) 3.0 x8 with RAID 0, 1, 5, and 10 support (no write cache). Integrated Intel XL710 Quad Port 10 GBase-T PCIe 3.0 x8 UIO built-in local area network (LAN) (one shared management port). Dedicated 1 Gb Intelligent Platform Management Interface (IPMI) port. This publication is for professionals who want to acquire a better understanding of IBM Power Systems products. The intended audience includes: Clients Sales and marketing professionals Technical support professionals IBM Business Partners Independent

software vendors (ISVs)

## **ECIME 2014 Proceedings of the 8th European Conference on IS Management and Evaluation**

### **Cracking the SAT French Subject Test, 2013-2014 Edition**

This book covers all the steps in order to fabricate a lab-on-a-chip device starting from the idea, the design, simulation, fabrication and final evaluation. Additionally, it includes basic theory on microfluidics essential to understand how fluids behave at such reduced scale. Examples of successful histories of lab-on-a-chip systems that made an impact in fields like biomedicine and life sciences are also provided. This book also:

- Provides readers with a unique approach and toolset for lab-on-a-chip development in terms of materials, fabrication techniques, and components
- Discusses novel materials and techniques, such as paper-based devices and synthesis of chemical compounds on-chip
- Covers the four key aspects of development: basic theory, design, fabrication, and testing
- Provides readers with a comprehensive list of the most important journals, blogs, forums, and conferences where microfluidics and lab-on-a-chip news, methods, techniques and challenges are presented and discussed, as well as a list of companies providing design and simulation support, components, and/or developing lab-on-a-chip and microfluidic devices.

## **Education in a New South Africa**

Much has been written about the ever-growing demands on university leadership worldwide in the face of increasingly complex changes and challenges from within the academy and beyond. However, as we are reminded by Johan Muller in the Introduction to this book, "there are particular features of time and place that also throw up unique problems". It is precisely 'time and place' that make this set of reflections by university leaders quite remarkable and distinguishes it from the many biographies to be found in the literature on higher education leadership. In the main, this collection spans two decades, the 1990s and 2000s, of unprecedented levels of change in South African higher education. Leaders in universities, as well as those responsible for higher education policy in the government and associated statutory bodies, had no neat script to work off, nor 'manuals' or prescripts of 'good' leadership or practice. Instead, there was palpable excitement about collectively imagining and nurturing a new post-apartheid higher education system, which would contribute to the social and economic development needs of the country, the deepening of democracy and which would also be globally relevant. Most reflections touch on the coalface of leadership, which is the face-to-face interactional dimension, dealing with staff, with students, with council chairs. What comes through clearly, is the importance of what are sometimes called 'people skills'. In these accounts this is not simply presented as a human relations aptitude, for a number of reasons, first of which is the

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special nature of universities and their occupants. More than one points out the special challenge of managing the talented people that are academics, and their inbuilt distaste for bureaucracy, their reluctance to be managed or told what to do. The message here is consistently one of needing to be completely open with academics, the importance of maintaining the distinction between 'collegial' and 'executive' management (avoiding 'managerialism'), and the critical importance of winning and holding their trust. The inspiration for this collection arose in late 2013 in the Council on Higher Education's (CHE) Monitoring and Evaluation Directorate, the directorate responsible for conducting research on the higher education landscape and monitoring the state of the sector. They noted that conditions besetting universities had grown increasingly complex, both globally but more especially locally, and the question arose - how had this altered the challenges to university leadership over the period between the new political dispensation and the second decade of the new millennium? More particularly, how had leaders with a proven track record of visionary and strong leadership during this period faced these challenges? How did they see the main changes that needed dealing with? What challenges did these changes pose and how were they successfully overcome? What did they think, looking back, were the main constituents of successful leadership and management? What wisdom could be distilled for posterity? The Directorate decided to invite a range of vice-chancellors and senior academic leaders who had completed their terms of office to contribute to a project that set out to gather such reflections and

compile them into a publication.

## **Origin and Evolution of the Cape Mountains and Karoo Basin**

This book gathers the proceedings of the EPPM 2019 conference, and highlights innovative work by researchers and practitioners active in various industries around the globe. Recent advances in science and technology have made it possible to seamlessly connect and integrate various elements of engineering systems, and opened the door for innovations that have transformed how we live and work. While these developments have yielded enhanced efficiency and numerous improvements in our current practices, the problems caused by the increased complexity of these integrated systems can be extremely difficult. Accordingly, solving these problems involves applying cross-disciplinary expertise to address the heterogeneity of the various elements inherent in the system. These proceedings address four main themes: (I) Smart and Sustainable Construction, (II) Advances in Project Management Practices, (III) Toward Safety and Productivity Improvement, and (IV) Smart Manufacturing, Design, and Logistics. As such, they will be of interest to and valuable to researchers and practitioners in a range of industries seeking an update on the translational fields of engineering, project, and production management.

## **Report of the FIFTH GLOBAL FISHERIES ENFORCEMENT TRAINING WORKSHOP**

## **(GFETW)**

Motivation is a vital element in learning, and the most commonly cited explanation for success or failure in language learning. Jill Hadfield and Zoltán Dörnyei present a new theory of motivation centred around the notion of the "Ideal Future Language Self", arguing that if students have a rich and inspiring vision of themselves as successful future language learners and users, they will be motivated to work hard to actualise the vision and become that learner. This book: - integrates the latest research in language teaching with innovative classroom practice - offers suggestions on how the various components of the theory could be structured into a teaching sequence - includes a variety of imaginative classroom activities designed to aid both student and teacher in creating and actualising the Ideal Self through visualisation, goal setting, task identification and planning, and a selection of appropriate learning strategies. - shows how teachers can undertake motivation-related research in their own classrooms. This is an ideal guide to and activity book for the theory and practice of motivation in language learning for students and teachers alike.

## **A Participatory Paradigm for an Engaged Scholarship in Higher Education**

In the current ever changing world – the liquid modernity – the most pressing psychological challenge to all of us is to create and maintain a personal balance between mental stability and mental

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flexibility. In *Transformative Learning and Identity* Knud Illeris, one of the leading thinkers on the way people learn, explores, updates and re-defines the concept and understanding of transformative learning while linking the concept of transformative learning to the concept of identity. He thoroughly discusses what transformative learning is or could be in a broader learning theoretical perspective, including various concepts of learning by change, as opposed to learning by addition, and ends up with a new, short and distinct definition. He also explores and discusses the concept of identity and presents a general model depicting the complexity of identities today. Building on the work of Mezirow, various perspectives of transformative learning are analysed and discussed, including; transformative learning in different life ages; progressive and regressive transformations; motivation and identity defence; development of identity; personality and competence, and transformative learning in school, education, working life, and in relation to current and future life conditions. This vital new book by one of the leading learning theorists of our time will prove of lasting interest to academics, teachers, instructors, leaders and researchers in the field of adult learning and education. It will also appeal to many students and researchers of psychology and sociology in general.

### **Transformative Learning and Identity**

Wes Anderson's films can be divisive, but he is widely recognized as the inspiration for several recent trends in indie films. Using both practical and theoretical

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lenses, the contributors address and explain the recurring stylistic techniques, motifs, and themes that dominate Anderson's films and have had such an impact on current filmmaking.

### **Reflections of South African University Leaders: 1981 to 2014**

In what ways does access to undergraduate education have a transformative impact on people and societies? What conditions are required for this impact to occur? What are the pathways from an undergraduate education to the public good, including inclusive economic development? These questions have particular resonance in the South African higher education context, which is attempting to tackle the challenges of widening access and improving completion rates in a system in which the segregations of the apartheid years are still apparent. Higher education is recognised in core legislation as having a distinctive and crucial role in building post-apartheid society. Undergraduate education is seen as central to addressing skills shortages in South Africa. It is also seen to yield significant social returns, including a consistent positive impact on societal institutions and the development of a range of capabilities that have public, as well as private, benefits. This book offers comprehensive contemporary evidence that allows for a fresh engagement with these pressing issues.

### **Historical Incidence of the Larger Land Mammals in the Broader Eastern Cape**

"Global Journalism Education in the 21st Century: Challenges and Innovations" sheds light on the present and future of journalism education worldwide and how to best prepare future journalists (and citizens) to cover the news. This one-stop text, reference book is a must-read for everyone interested in quality journalism education and practice.

## **Large-class Pedagogy**

This book describes the latest research on the geological, geochemical, geochronological, biological, and geomorphic evolution of the unique and relatively pristine landscape of the Cape Mountains and the Karoo Basin, a region in South Africa that is currently being targeted for shale gas exploration and development. With up-to-date graphics, maps, drill-core and seismic data, it offers the latest observations and synthesis, and highlights areas of ongoing research. The work presented also considers a wider connection of the Cape-Karoo system to other basins in Central Gondwana, including South America, thus following in the footsteps of A. L. du Toit. Clearly, there is still much to be learned before shale gas development can be considered, and this book provides some timely perspectives.

## **The Nature and Functions of Dreaming**

The editors and authors of this book make a strong, substantive contribution to research and practice in community-engaged scholarship in South Africa and by implication in the wider world. Scholars and

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practitioners looking for an in-depth, thoughtful and critical review of relevant literature will find it here in the articulately presented introduction and following chapters, a number of which report on new, original research, which expands our understanding and discussion of important elements of practice. I especially applaud the editors for focusing our attention on the assets, roles and voices of third sector organisations, the often unsung and unheard partners in engagement work--Publisher's website.

### **The Films of Wes Anderson**

### **Inclusive Finance India Report 2014**

This book provides a comprehensive conceptual framework, case studies, workshop processes and designs for academic development programs supported by two key concepts: Participatory Action Learning and Action Research (PALAR)—a conceptual integration of action learning and participatory action research—and action leadership.

### **Cervical, Breast and Prostate Cancer (Black and White)**

South Africa and the Law of the Sea brings together the many threads of the rich South African marine-law tapestry by covering both the public international law as context and the details of South African marine law and policy within their African framework.

## **Proceedings of the Eighth International Symposium on Human Aspects of Information Security & Assurance (HAISA 2014)**

Worldwide, in Africa and in South Africa, the importance of the doctorate has increased disproportionately in relation to its share of the overall graduate output over the past decade. This heightened attention has not only been concerned with the traditional role of the PhD, namely the provision of future academics; rather, it has focused on the increasingly important role that higher education - and, particularly, high-level skills - is perceived to play in national development and the knowledge economy. This book is unique in the area of research into doctoral studies because it draws on a large number of studies conducted by the Centre of Higher Education Trust (CHET) and the Centre for Research on Evaluation, Science and Technology (CREST), as well as on studies from the rest of Africa and the world. In addition to the historical studies, new quantitative and qualitative research was undertaken to produce the evidence base for the analyses presented in the book. The findings presented in *Doctoral Education in South Africa* pose anew at least six tough policy questions that the country has struggled with since 1994, and continues to struggle with, if it wishes to gear up the system to meet the target of 5 000 new doctorates a year by 2030. Discourses framed around the single imperatives of growth, efficiency, transformation or quality will not, however, generate the kind of policy

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discourses required to resolve these tough policy questions effectively. What is needed is a change in approach that accommodates multiple imperatives and allows for these to be addressed simultaneously.

### **Women's Leadership in Peace Building**

Castells in Africa: Universities and Development collects the papers produced by Manuel Castells on his visits to South Africa, and publishes them in a single volume for the first time. The book also publishes a series of empirically-based papers which together display the multi-faceted and far-sighted scope of his theoretical framework, and its fecundity for fine-grained, detailed empirical investigations on universities and development in Africa. Castells, in his afterword to this book, always looking forward, assesses the role of the university in the wake of the upheavals to the global economic order. He decides the university's function not only remains, but is more important than ever. This book will serve as an introduction to the relevance of his work for higher education in Africa for postgraduate students, reflective practitioners and researchers. Includes two previously unpublished public lectures and an Afterword by Manuel Castells.

### **Universities and Economic Development in Africa**

- Acknowledgements - Introduction - Conceptual framework - The international construction market - The future of international construction- the annual

surveys - Conclusions - References - Appendices

## **Conservation Biology in Sub-Saharan Africa**

Inclusive Finance India Report 2014 presents in-depth research and analysis on financial inclusion with evidence on the decisive shift in the positioning of microfinance within the financial system of India. Following up on Microfinance State of the Sector Report 2013 by the authors, this year's report focuses on recent developments in inclusive financing and efforts by governments and banks in extending financial services to the unbanked and underbanked regions and populations. The report tracks the progress of financial inclusion initiatives across institutional structures and delivery models, including the main microfinance channels. It contributes to an understanding of the complexities of the financial inclusion process, reviews policy development on inclusive finance, and highlights key challenges and opportunities for diverse stakeholders. A comprehensive reference on annual trends and progress of financial inclusion and the microfinance sector, the report synthesizes data and inputs from the Reserve Bank of India, NABARD, Ministry of Finance, banks, apex financial institutions, technology services providers, sector experts, and resource agencies. It serves to provide a perspective on the practice of financial inclusion in India as well as informing the policy formulation process.

## **Information Technology - New**

## **Generations**

This book constitutes the refereed proceedings of the 6th IFIP World Information Technology Forum, WITFOR 2016, San José, Costa Rica, in September 2016. The 16 full papers and 6 short papers presented were carefully reviewed and selected from 45 submissions. Within the general theme ICT for Promoting Human Development and Protecting the Environment the papers are organized in the following topical sections encompassing the Sustainable Development Goals (SDGs) recently adopted by the United Nations: ICT and cross-cutting development issues; ICT and environmental problems; ICT and human development problems; and ICT and economic development problems.

## **IBM Power Systems LC921 and LC922: Technical Overview and Introduction**

Bridging the gap between higher education research and policy making was always a challenge, but the recent calls for more evidence-based policies have opened a window of unprecedented opportunity for researchers to bring more contributions to shaping the future of the European Higher Education Area (EHEA). Encouraged by the success of the 2011 first edition, Romania and Armenia have organised a 2nd edition of the Future of Higher Education – Bologna Process Researchers' Conference (FOHE-BPRC) in November 2014, with the support of the Italian Presidency of the European Union and as part of the official EHEA agenda. Reuniting over 170 researchers

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from more than 30 countries, the event was a forum to debate the trends and challenges faced by higher education today and look at the future of European cooperation in higher education. The research volumes offer unique insights regarding the state of affairs of European higher education and research, as well as forward-looking policy proposals. More than 50 articles focus on essential themes in higher education: Internationalization of higher education; Financing and governance; Excellence and the diversification of missions; Teaching, learning and student engagement; Equity and the social dimension of higher education; Education, research and innovation; Quality assurance, The impacts of the Bologna Process on the EHEA and beyond and Evidence-based policies in higher education. "The Bologna process was launched at a time of great optimism about the future of the European project – to which, of course, the reform of higher education across the continent has made a major contribution. Today, for the present, that optimism has faded as economic troubles have accumulated in the Euro-zone, political tensions have been increased on issues such as immigration and armed conflict has broken out in Ukraine. There is clearly a risk that, against this troubled background, the Bologna process itself may falter. There are already signs that it has been downgraded in some countries with evidence of political withdrawal. All the more reason for the voice of higher education researchers to be heard. Since the first conference they have established themselves as powerful stakeholders in the development of the EHEA, who are helping to maintain the momentum of the Bologna process. Their pivotal role has been

strengthened by the second Bucharest conference." Peter Scott, Institute of Education, London (General Rapporteur of the FOHE-BPRC first edition)

## **Universities, Employability and Human Development**

Cervical cancer and breast cancer are two of the most common cancers found in women. Cervical cancer is when cancer arises from the cervix. Early on there are typically no symptoms. Later symptoms may include abnormal vaginal bleeding, pelvic pain or pain during sex. Breast cancer is when cancer develops from breast tissue. Signs of breast cancer may include a lump in the breast, a change in breast shape, dimpling of the skin, fluid coming from the nipple, or a red scaly patch of skin. Prostate cancer is when cancer develops in the prostate, a gland in the male reproductive system. It may initially cause no symptoms. In later stages it can cause difficulty urinating, blood in the urine, or pain in the pelvis, back or when urinating. This book provides some latest research and findings on breast cancer, cervical cancer and prostate cancer. The aim of this book is to serve as an important reference book for individuals working in biomedical laboratories, and for clinical professionals. There are totally 13 chapters in this book. Chapter 1 proposes an outlook on different endoscopic surgical procedures to treat cervical cancer, using traditional laparoscopy and robotics. Chapter 2 reviews the clinical results of carbon ion radiotherapy (C-ion RT) for uterine cervical cancer. Carbon-ion RT has been established as a safe short-

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term treatment for locally advanced uterine cervical cancer. Chapter 3 summarises chrysin inhibits proliferation, induces apoptosis and reduce angiogenesis in most tested cancer cells, including cervical cancer cells. Chapter 4 shows that involving physicians in the promotion of public health programs and initiatives is a viable option. Chapter 5 summarizes the published findings about the controversial role of METCAM, a cell adhesion molecule, in the progression of human breast cancer. Chapter 6 focuses on the biology of "neu" in breast cancer - the potential mechanisms that may contribute to tumor resistance and the numerous uncertainties that persist despite the bona-fide progress made in treating this particular subtype of breast cancer. Chapter 7 describes the mechanisms by which estrogen can exert its role in estrogenresponsive cells, focusing on specific aspects of estrogen receptor signaling. Moreover, this chapter shows how some of the proteins involved in estrogen receptor signaling can be used as predictive markers in breast cancer and describes a proposed clinical study related to the combined use of two drugs (bortezomib and tamoxifen) as therapeutic agents for estrogen receptor negative breast cancers. Chapter 8 summarizes the recent studies indicating that AngII facilitates breast cancer metastasis by contributing to the cross-talk between cancer cells and the host stroma. Chapter 9 focuses on a rationale pharmaceutical development along with a detailed understanding of biological effects so as to accelerate the incorporation of nanocarriers in breast cancer therapy. Chapter 10 summarizes the mTOR pathway and the clinical results in breast cancer treatment,

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relating them to results obtained using cultured MCF-7 breast cancer tamoxifen resistant sublines. Chapter 11 discusses how to develop a standard extraction method, yielding tomato products which are suitable for cell cultures, and enable product comparison of different tomato varieties. Chapter 12 describes principles and processes that are involved in investigating biological or clinical problems with nuclear magnetic resonance (NMR) based metabolomics - an approach that involves the global analysis of metabolites. The authors use prostate cancer as a case study to outline the processes, applications and potential of metabolomics for inform scientists and clinicians. Chapter 13 discusses the epidemiology, screening, diagnosis and treatment options of prostate cancer and its association with osteoporosis.

### **Higher Education Pathways**

This workshop covered new developments in monitoring, control and surveillance; implementation of the Port State Measures Agreement; instruments to fight illegal, unreported and unregulated (IUU) fishing; and much more.

### **Aquatic Biodiversity II**

### **Women's Career Development**

The book makes a significant contribution to critical higher education studies, specifically to graduate

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employability research and to capabilities and education research. The book moves beyond the simplistic conception of alleged 'gaps' in graduate skills and 'mismatches' between employers and universities, and instead provides an innovative multi-dimensional and intersectional human capabilities conceptualisation of graduate employability. The book challenges an individualised notion of employability, instead locating employability issues in social and economic conditions, and argues that employability choices cannot be divorced from inequality.

Qualitative and quantitative data from multiple case-study universities in South Africa are used to explore the perceptions and experiences of diverse students, lecturers, support officers and employers, regarding what each university is doing, or should be doing, to enhance graduate economic opportunities and contribute to inclusive development. The book will be highly relevant to students, scholars and researchers in the fields of education and sociology, particularly those with an interest in graduate employability.

### **Doctoral Education in South Africa**

The subject of women's career development is becoming increasingly important as the proportion of women in the US work-force approaches 50%. Women behave differently from men in the development of their careers, and are often studied to see how they depart from the male standard. The papers in this volume examine the internal dynamics to women's careers using theories about reference groups, relative deprivation, personality, and role conflict. The

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book analyses women's career development from different perspectives, examining different groups of women, at different points of time in their career process, in relation to men as well as to other groups of women.

### **The European Higher Education Area**

Conservation Biology in Sub-Saharan Africa comprehensively explores the challenges and potential solutions to key conservation issues in Sub-Saharan Africa. Easy to read, this lucid and accessible textbook includes fifteen chapters that cover a full range of conservation topics, including threats to biodiversity, environmental laws, and protected areas management, as well as related topics such as sustainability, poverty, and human-wildlife conflict. This rich resource also includes a background discussion of what conservation biology is, a wide range of theoretical approaches to the subject, and concrete examples of conservation practice in specific African contexts. Strategies are outlined to protect biodiversity whilst promoting economic development in the region. Boxes covering specific themes written by scientists who live and work throughout the region are included in each chapter, together with recommended readings and suggested discussion topics. Each chapter also includes an extensive bibliography. Conservation Biology in Sub-Saharan Africa provides the most up-to-date study in the field. It is an essential resource, available on-line without charge, for undergraduate and graduate students, as well as a handy guide for professionals working to

stop the rapid loss of biodiversity in Sub-Saharan Africa and elsewhere.

## **International Human Resource Management**

Universities and economic development in Africa: Pact, academic core and coordination draws together evidence and synthesises the findings from eight African case studies. The three key findings presented in this report are as follows: 1. There is a lack of clarity and agreement (pact) about a development model and the role of higher education in development, at both national and institutional levels. There is, however, an increasing awareness, particularly at government level, of the importance of universities in the global context of the knowledge economy. 2. Research production at the eight African universities is not strong enough to enable them to build on their traditional undergraduate teaching roles and make a sustained contribution to development via new knowledge production. A number of universities have manageable student-staff ratios and adequately qualified staff, but inadequate funds for staff to engage in research. In addition, the incentive regimes do not support knowledge production. 3. In none of the countries in the sample is there a coordinated effort between government, external stakeholders and the university to systematically strengthen the contribution that the university can make to development. While at each of the universities there are exemplary development projects that connect strongly to external

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stakeholders and strengthen the academic core, the challenge is how to increase the number of these projects. The project on which this report is based forms part of a larger study on Higher Education and Economic Development in Africa, undertaken by the Higher Education Research and Advocacy Network in Africa (HERANA). HERANA is coordinated by the Centre for Higher Education Transformation in South Africa.

### **The Future of International Construction**

International Human Resource Management offers a contemporary and multilayered introduction to international and comparative human resource management for university study. It critically analyses the core issues and emerging trends in the field, with a consistent emphasis on real-world scenarios and concerns. At the macro level, the book examines how IHRM fits within and adapts to the ever-changing environment of international relations and global development. At the firm level, it elucidates the strategic goals served by IHRM and the processes used to achieve them. At the individual level, the analysis extends beyond the traditional focus on expatriates to encompass the various IHRM actors and their motivations. Each chapter features a case study, tutorial activities and discussion questions. The book concludes with three extended case studies, each based on a specific region, to help students consolidate their understanding.

### **Complementary & Alternative Therapies**

## **in Nursing**

I highly recommend this edited collection. It is a timely intervention when universities around the world are facing changes akin to the newspaper industry a decade ago. The authors remind us of the potential power of the lecture and that there does not need to be a trade off between the size of the class and the quality of the delivery Professor James Arvanitakis 2012 recipient of the Prime Minister's Teaching and Learning Award, University of Western Sydney, Australia This is the first book of its kind that considers the complex issues of large classes. As such, it makes a very important contribution and provides a deep insight into large class pedagogy from a conceptual and practical perspective. Dr Mandia Menits Massey University, New Zealand If the thought of teaching large classes fills you with dread; if you think that pedagogic innovation is impossible in the face of burgeoning student numbers; or if you simply wish to understand more about the dynamics of this increasingly common environment in Higher Education, then this is the book for you. Written by highly experienced academics, it is a valuable (and long overdue!) resource for supporting good practice in the large class context. Dr Jenny Hadingham University of Rochester, New York

## **The 10th International Conference on Engineering, Project, and Production Management**

Provides a general review of the test, basic

grammatical terms, vocabulary, and two full-length practice tests with detailed answers.

## **South Africa and the Law of the Sea**

Freshwater Biodiversity is a much underestimated component of global biodiversity, both in its diversity and in its potential to act as models for fundamental research in evolutionary biology and ecosystem studies. Freshwater organisms also reflect quality of water bodies and can thus be used to monitor changes in ecosystem health. The present book comprises a unique collection of primary research papers spanning a wide range of topics in aquatic biodiversity studies, and including a first global assessment of specific diversity of freshwater animals. The book also presents a section on the interaction between scientists and science policy managers. A target opinion paper lists priorities in aquatic biodiversity research for the next decade and several reactions from distinguished scientists discuss the relevance of these items from different points of view: fundamental ecology, taxonomy and systematics, needs of developing countries, present-day biodiversity policy at European and at global scales. It is believed that such a platform for the interaction between science and science policy is an absolute necessity for the efficient use of research budgets in the future.

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