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# Eastern Cape Physical Science Papers

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*HIV/AIDS in South Africa  
25 Years On* UJ Press

With the recent uptick of violence in schools, it is essential to strategize new concepts for promoting nonviolent tendencies in children and creating safe

environments. Through nonviolent teaching techniques, it is possible to effectively demonstrate mutual respect, tolerance, and compassion in order to have a lasting peace. Cultivating a Culture of Nonviolence in Early Childhood Development Centers and Schools aims to expand and deepen multicultural nonviolent teaching techniques and concepts to achieve desired outcomes for early

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childhood development centers, schools, institutions of higher learning, and centers of teacher development and training. While highlighting topics including child development, conflict resolution, and classroom leadership, this book is ideally designed for teachers, directors, principals, teacher organizations, school counselors, psychologists, social workers, government officials, policymakers, researchers, and students. The Encyclopædia Britannica Routledge Focussing on the past history and present day life of the people in two villages in the central Eastern Cape, South Africa, the book provides a vivid but detailed and insightful account of the transformation of rural society and economy since colonisation.

*Uncovering the Secrets of the Stone Age* Springer Nature

Much has happened since the first appearance of AIDS in 1981: it has been identified, studied, and occasionally denied. The virus has shifted host populations and spread globally. Medicine, the social sciences, and world governments have joined forces to combat and prevent the disease. And South Africa has emerged as ground zero for the pandemic. The editors of HIV/AIDS in South Africa 25 Years On present the South African crisis as a template for addressing the myriad issues surrounding the epidemic worldwide, as the book brings together a widely scattered body of literature, analyzes psychosocial and sexual aspects contributing to HIV transmission and

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prevention, and delves into complex intersections of race, gender, class, and politics. Including largely overlooked populations and issues (e.g., prisoners, persons with disabilities, stigma), as well as challenges shaping future research and policy, the contributors approach their topics with rare depth, meticulous research, carefully drawn conclusions, and profound compassion. Among the topics covered: The relationship between HIV and poverty, starting from the question, "Which is the determinant and which is the consequence?" Epidemiology of HIV among women and men: concepts of femininity and masculinity, and gender inequities as they affect HIV risk; gender-specific prevention and intervention strategies. The impact of AIDS on infants and young children: risk and protective factors; care of children by HIV-positive mothers; HIV-infected children. Current prevention and treatment projects, including local-level responses, community-based work, and VCT (voluntary counseling and testing) programs. New directions: promoting circumcision, vaccine trials, "positive prevention." South Africa's history of AIDS denialism. The urgent lessons in this book apply both globally and locally, making HIV/AIDS in South Africa 25 Years On uniquely instructive and useful for professionals working in HIV/AIDS and global public health.

**Models of Innovative Practice and Impact** Springer Nature

This book provides an overview of the

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current HIV. Through an epidemiology of the examination of HIV epidemic among these issues, young people in chapters in this Eastern and book provide Southern Africa valuable insights (ESA) and examines on how to mitigate the efforts to HIV risk among confront and reduce young people and the high level of what can be new HIV infections regarded as the amongst young catalysts to people. Taking a mounting credible multi-dimensional policy and approach to programmatic prevention, the responses required contributors to achieve epidemic discuss the many control in the challenges facing region. The these efforts, in contributors draw view of the slow on examples from a progress in curbing range of primary the incidence of and secondary data HIV amongst young sources to people, focusing illustrate particularly on the promising practices structural and and challenges in social drivers of HIV prevention,

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demonstrating links between conceptual approaches to prevention and lessons learnt from implementation projects in the region. Bringing together social scientists and public health experts who are actively engaged in finding effective solutions, the book discusses 'which interventions works', 'why they work', and the limitations and gaps in our knowledge to curb the pandemic amongst young people. As such it is an important read for researchers

focusing on HIV/AIDS and public health.

Historic Documents of 2013  
Springer

The Stone Age is now beginning to be recognised as vital in establishing who we are and where we have come from. This period has long been neglected.

U.S. Geological Survey  
Professional Paper UJ Press  
After centuries of relative isolation, the Karoo – South Africa 's parched heartland – is a latecomer to the tourist industry. What was once viewed as a harsh and desolate place of limited attraction is rapidly gaining popularity with visitors who now make the Karoo their destination, keen to partake of its legendary charm, its extraordinary flora and the resurgence of wildlife that once again populates its plains. Wild Karoo documents Mitch

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Reardon ' s 4,000-kilometre journey of discovery through the region. The book focuses on: local nature conservation in all its facets, the game, large and small – some recently reintroduced – plus birds, reptiles and invertebrates, the unique, arid-adapted flora, the landscape and geology, the history and lifestyle of the people who have made a home here, plans to combine public and private protected land to create wildlife corridors between isolated parks, re-establishing old migration routes and so reversing some of the effects of human settlement. Beautifully written, and illustrated with evocative photographs, this book is a must read for anyone interested in travel, wildlife and the environment. A Dictionary of Arts, Sciences, and General Literature, with New Maps and Original American Articles by Eminent Writers Routledge

This bibliography includes scientific articles on the Drakensberg, Maloti and Adjacent Lowlands published between 1808 and 2019. Although focussing on material appearing in accredited journals, there is such a wealth of information in the form of unpublished, yet traceable, reports, documents, presentations and dissertations, these are also included. The bibliography has two parts – a complete list arranged alphabetically, and the same references arranged in 33 different disciplines. These range from Palaeobotany with 17 entries, to Rock Art with 502 entries. Human Beginnings in South Africa CQ Press

' Wherever the European has trod, death seems to pursue the aboriginal. ' So wrote

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Charles Darwin in 1836.

Though there has been considerable discussion concerning their precise demographic impact, reflected in the articles here, there is no doubt that the arrival of new diseases with the Europeans (such as typhus and smallpox) had a catastrophic effect on the indigenous population of the Americas, and later of the Pacific. In the Americas, malaria and yellow fever also came with the slaves from Africa, themselves imported to work the depopulated land. These diseases placed Europeans at risk too, and with some resistance to both disease pools, Africans could have a better chance of survival. Also covered here is the controversy over the origins of syphilis, while the final essays look at agricultural consequences of the European expansion, in terms of nutrition both in North America and in Europe. The Encyclopaedia

Britannica NYU Press

Mary Elizabeth Barber (1818 – 1899), born in Britain, arrived in the Cape Colony in 1820 where she spent the rest of her life as a rolling stone, as she lived in and near Grahamstown, the diamond and gold fields, Pietermaritzburg, Malvern near Durban and on various farms in the eastern part of the Cape Colony. She has been perceived as ‘ the most advanced woman of her time ’ , yet her legacy has attracted relatively little attention. She was the first woman ornithologist in South Africa, one of the first who propagated Darwin ’ s theory of evolution, an early archaeologist, keen botanist and interested lepidopterist. In her scientific writing, she propagated a new gender order; positioned herself as a feminist avant la lettre

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without relying on difference models and at the same time made use of genuinely racist argumentation. This is the first publication of her edited scientific correspondence.

The letters – transcribed by Alan Cohen, who has written a number of biographical articles on Barber and her brothers – are primarily addressed to the entomologist Roland Trimen, the curator of the South African Museum in Cape Town. Today, the letters are housed at the Royal Entomological Society in St Albans. This book also includes a critical introduction by historian Tanja Hammel who has published a number of articles and published a monograph (2019) on Mary Elizabeth Barber.

A Dictionary of Arts, Sciences and General Literature ... in

Thirty Volumes with New American Supplement  
Springer Science & Business Media

The chapters in this edited volume present multi-disciplinary case studies of prehistoric archaeological sites located on now-submerged portions of the continental shelf. Each chapter represents an extension of the known prehistoric record beyond the modern shoreline. Case studies represent central themes of landscape change, climate change and societal development, using new technologies for mapping, monitoring and managing these sites.

Suid-Afrikaanse Joernaal Van Wetenskap New Africa Books

This book brings together authors from United States, South Africa, United Kingdom, China, Canada and Australia to provide insights and case studies from across a range of contexts to explore



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the interplay between the notions of rurality, innovation and education. The book reveals a hopeful and resilient approach to innovative rural education and scholarship collectively and provides important evidence to speak against an often deficit view of rural education. Three patterns are revealed, namely: the importance of place-attentive strategies, the importance of joined up alliances to maximise resources and networks and finally, the need to utilize alternative methodologies and frameworks that have a starting point of difference rather than deficit for any rural initiative or approach. By drawing from international examples and responding in innovative ways to rural education challenges, this book provides an opportunity to share international insights into innovations, interventions and partnerships that promote and support rural education in its

broadest sense.

Cross Reality and Data Science in Engineering UJ Press

This beautifully illustrated book tells the story of the indigenous people of the Western Cape. The past is vividly brought to life through the stories and photos, and information about heritage sites is included

Gender and Forests New Africa Books

This collection presents some of the best peer-reviewed papers from a conference with the theme

“ Creating sustainable empowering learning environments through scholarship of engagement ” .

The Popular Encyclopedia;; pt. 1: Sketch of the progress of physical science [part 1], A-Bankrupt IGI Global

This enlightening book brings together the work of gender and forestry specialists from various backgrounds and fields of research and action to analyse global gender conditions as

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related to forests. Using a variety of methods and approaches, they build on a spectrum of theoretical perspectives to bring depth and breadth to the relevant issues and address timely and under-studied themes. Focusing particularly on tropical forests, the book presents both local case studies and global comparative studies from Africa, Asia, and Latin America, as well as the US and Europe. The studies range from personal histories of elderly American women ' s attitudes toward conservation, to a combined qualitative / quantitative international comparative study on REDD+, to a longitudinal examination of oil palm and gender roles over time in Kalimantan. Issues are examined across scales, from the household to the nation state and the global arena; and reach back to the past to inform present and future considerations. The collection will be of relevance to academics, researchers, policy makers and advocates with different levels of familiarity with gender issues in the field of forestry.

Geological Survey Professional Paper Penguin Random House South Africa  
 A test-book for students; comprising sets of examination papers upon language and literature, history and geography, and mathematical and physical science  
 A Test-book for Students, comprising sets of examination papers upon Languages and Literature, History and Geography, and Mathematical and Physical Science, etc  
 Rural Education Across the World  
 Models of Innovative Practice and Impact  
 Springer Nature  
 Wild Karoo Springer  
 Science & Business Media  
 This book contains selected contributions from the Sixth Meeting of the International Geographical Union's Commission on Land Degradation and Desertification, held in Perth, Australia, in September 1999. Collectively, these contributions explicitly seek

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to understand not only the mechanisms responsible for the problem of land degradation but their social and economic implications, the means of overcoming the problems, and the policy instruments whereby remedial measures may be implemented. This breadth of approach is both distinctive and essential if the problems are to be tackled effectively. The authorship comprises of specialists (mostly geographers) from universities, research organizations, and government agencies, who provide a truly international perspective with contributions from Iceland to Australia and from the USA to Japan. Audience: The book presents current research findings which will be of particular benefit to professionals and practitioners, as well as researchers and tertiary-level educationalists who are involved with land degradation.

The First People of the Cape  
 A test-book for students; comprising sets of examination papers upon language and literature, history and geography, and mathematical and physical science  
 A Test-book for Students, comprising sets of examination papers upon Languages and Literature, History and Geography, and Mathematical and Physical Science, etc  
 Rural Education Across the World  
 Models of Innovative Practice and Impact  
 Today, online technologies are at the core of most fields of engineering and society as a whole . This book discusses the fundamentals, applications and lessons learned in the field of online and remote engineering, virtual

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instrumentation, and other related technologies like Cross Reality, Data Science & Big Data, Internet of Things & Industrial Internet of Things, Industry 4.0, Cyber Security, and M2M & Smart Objects. Since the first Remote Engineering and Virtual Instrumentation (REV) conference in 2004, the event has focused on the use of the Internet for engineering tasks, as well as the related opportunities and challenges. In a globally connected world, interest in online collaboration, teleworking, remote services, and other digital working environments is rapidly increasing. In this context, the REV conferences discuss fundamentals, applications and experiences in the field of Online and Remote Engineering as well as Virtual Instrumentation. Furthermore, the conferences focus on guidelines and new concepts for engineering education in

higher and vocational education institutions, including emerging technologies in learning, MOOCs & MOOLs, and open resources. This book presents the proceedings of REV2020 on “ Cross Reality and Data Science in Engineering ” which was held as the 17th in series of annual events. It was organized in cooperation with the Engineering Education Transformations Institute and the Georgia Informatics Institutes for Research and Education and was held at the College of Engineering at the University of Georgia in Athens (GA), USA, from February 26 to 28, 2020. A Biographical Dictionary of Contributors to the Natural History of the Free State and Lesotho Routledge This work briefly records the lives and achievements of 502 men and women who contributed, or are still contributing, to the natural

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history of the Free State and Lesotho, between 1829 and 2013.

A Global Review BRILL

This book investigates amaXhosa circumcision and the psychological processes involved. Lauraine Vivian employs concepts such as resilience, orthodoxy, broken men, and reciprocity to examine the experiences of men who have developed mental health issues in relation to their initiation into manhood. The chapters cover sensitive topics such as physical injury, pain, harm, and women ' s agency.

Drawing on the stories of over seventy amaXhosa men, the book provides rare insight into circumcision and psychotic experience.

Mountain Ice and Water

Routledge

Alan G. Morris critically examines the history of

evolutionary anthropology in South Africa, uncovering the often racist philosophical motivations of these physical anthropology researchers and the discipline itself. South Africa is famed for its contribution to the study of human evolution. In *Bones and Bodies* Alan G. Morris takes us back over the past century of anthropological discovery in South Africa and uncovers the stories of the individual scientists and how they contributed to our knowledge of the peoples of southern Africa, both ancient and modern. Not all of this history is one which we should feel comfortable with, as much of the earlier anthropological studies have been tainted with the tarred brush of race science. Morris critically examines the work of Raymond Dart, Thomas Dreyer, Matthew Drennan,

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and Robert Broom who all described their fossil discoveries with the mirror of a racist interpretation, as well as the life and times in which they worked. Morris also considers how modern anthropology tried to rid itself of the stigma of these early racist accounts. In the 1960s and 1970s, Ronald Singer and Phillip Tobias introduced modern methods into the discipline that jettisoned much of what the public wished to believe about race and human evolution. Modern methods in physical anthropology rely on sophisticated mathematics and molecular genetics but are difficult to translate and sometimes fail to challenge preconceived assumptions. In an age where the authority of the expert and empirical science is questioned, this book shows the battle facing modern anthropology in how to explain science in a context that seems to be at odds with life experience. In this highly accessible insider account, Morris examines the philosophical motivations of these researchers and the discipline itself. Much of the material draws on old correspondence and interviews as well as from published resources.