# **Dr. Stranger Jacob KGAMPHE** (Asi Fellow)

Dip.Med. Tech.(Histopath.),B.Sc.,B.Sc.(Hon.), PhD(Wits)

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# **Life History**

#### **Birth Place**

Stranger was born in Kanana, near Marikana in Rustenburg, South Africa, precisely at 03h00 on the morning of 30th January, 1954. He was the last and the tenth child of Cleophas Seikelele KGAMPHE and Saipopa Rebecca DIALE, the daughter of the first Headman of Rasimone Village, Platinum Village of Phokeng, Rustenburg, the late Mr Alfred Phoki Diale (Esq.)

He left Kanana to live in Phokeng, also in Rustenburg Platinum City, where he attended all his schooling career ending up with a first class pass from his Junior Certificate(JC) at Bafokeng High School in 1971.

#### Academic career

His Grade 11 and 12 were at Moroka High School in Thaba Nchu and qualified in 1973. He attended at Mmadikoti Technical College in Seshego, at Limpopo Province in South Africa, doing Physics, Maths, Chemistry, and Zoology as part of first year of study for a Four Year Diploma in Medical Technology. He Qualified as a Medical Technologist in Histopathological Techniques after cutting Hearts and Lungs of full time miners of more than five years as biopsies and full organs for Medical Bureau Certification to enable financial Compensation purposes, and also completed full two year terms in Medical Biochemistry and Medical Bacteriology and or Microbiology. He qualified at the South African Medical Bureau of Occupational Diseases of the National Centre of Occupational Health at the South African Institute of Medical Research(SAIMR), once called National Research Institute For Occupational Diseases (NRIOD) in Johannesburg.

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He spent time at the Nuclear Physics Research Unit, doing Research on the teeth carries and air pollution studies using the largest van Der Graaf Accelerator in the Southern Hemisphere at the University of the Witwatersrand. Scientific Research articles were published recommending the use of Particle Induced X-Ray Emission (PIXE) as a non destructive method in analysing elemental composition of objects and targets. We also published articles including those that recommended specialized sampling techniques for bacterial sampling using stacked impact distribution analyser on surface and underground.

He also spent time doing Industrial Hygiene Research with African Monkeys on the impact of silica causing silicosis and asbestos causing asbestosis on South African people living on gravel windy areas especially those working in the Mines.

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He was part of the team that used the van Der Graaf accelerator at the University of Witwatersrand for analysis particulates using Particle Induced X-Ray Emission (PIXE) that helped in analysing minerals and growing diamonds.

He obtained ministerial consent to study MBChB at the University of the Witwatersrand but failed. He registered for BSc and qualified majoring in Biochemistry and Genetics. His BSc (Hon.) from the University of the Witwatersrand was in Human Genetics. His PhD. Studies in Human Biology included Anthropometry, Longitudinal population research study. He did further Research on Cranio-facial morphology with the Canadian team under Prof. Farkas and a world- wide publication followed and it was widely cited and used in forensic studies. His PhD was started at the end of the Apartheid era and hence traced the history of the environment under which Black Rural children were born and lived under, hence it was the evaluation of the impact of Apartheid on the Growth and Development of the Black Rural Child in scientific terms and it's impact on poverty as reflected by stunted and wasted children from the rural areas of Vaalwater and Ubombo. The PhD also highlighted the need for a new African Growth and Development Standards for its children in line with WHO, and more importantly the Need for effective nutritional programs at national level targeting a wider age range. This baseline study would in the long run inform us of the new poverty under the new democratic order or the progress made in social cohesion index and bringing the balance in alleviating poverty by improved environmental facets.

He is LLB student the University the Witwatersrand Johannesburg. an at

## **International visits**

He visited the University of Chicago in USA, as a Visiting Research Fellow in 1988/89 to investigate the impact and relevance of Bio-impedance Analysis (BIA) to accurately measure the onset of Kwashiorkor and Marasmus. This was supported by the German higher Education DAAD program. Several newspaper articles in the Chicago Maroon highlighted this important visit and was invited to give various talks by Student and professional bodies at the University of Chicago.

University of London Ontario in Canada, invited me to talk to a group of cardiologists who experienced high degree of fat cells deposits and obstruction of blood vessels post operations and wanted to know how the BIA techniques would help them estimate adiposity onset prior the dangerous limit. This research was not conclusive.

University of Pennsylvania in USA, invited me to experience their Growth and Development Research program under Prof. Frank E Johnston on Guatemala studies. I participated in Prof. Frank Johnston research and lectures and shared with higher degree students our experiences and results. I visited and attended short courses at Wharton Business School on Quality and Management.

Dr K Biography Page 2 Institute of Child Health in London was visited to see the growth patterns, analysis of their longitudinal data, pattern of disease profile different from South African studies of rural black children and a lot of data accumulated over time on the growth and development of children in UK.

United Nations Education and Scientific Cultural Organization (UNESCO) invited me to attend and participate in debates in Education, Science, Communication and Cultural Conventions twice a year at their 192 Member States Board meetings on behalf of South Africa. I facilitated the role of President Nelson Mandela as suggested by the then UNESCO DG, Mr Matsura to be the UNESCO ambassador in South Africa. I have since been linked with Mandela Foundation to sustain Mandela legacy.

## **Professional Occupation**

I was appointed as a Junior Research Officer at the Department of Anatomical Sciences, at Wits University. I was promoted to a Senior Research Officer and then a Lecturer on Growth and Development Program under Prof. PV Tobias.

I was offered a Senior Lecturer position teaching BSc and Medical students at the University of the Witwatersrand.

I designed and developed the Birth To Ten Research programme together with MRC and School of Public Health at with Prof. Sharon Fonn and published several papers. Birth T Ten is now called Birth To Twenty and has produced many senior science and PhD students and publications to date.

I am now in communication with the "National Children Study" in USA in order to obtain their experience for us to begin our own African Children Study within SA, SADC and the region.

### **Business Experience**

I was one of the few senior managers at Standard Bank during 1992-1995, who shaped the contributions of a Black professional in a 133 year history of the bank at the time. We started a Black Professionals Forum that spoke Truth to Power. I was part of a Team that initiated the Quality Unit that introduced the so called unbanked to ebanking.

On behalf of Standard Bank, we initiated the South African Business Excellence Model based on the Malcolm Bald-ridge Model used in USA, for selecting high Quality performance companies. This model in South Africa is now called Business Excellence Model and is taught as a Bachelor Degree B.Tech. At local Universities of Technology.

I was the chairman of the South African Quality Institute that aimed to introduce the National Quality System to impact on Education, Science And Technology in line with the South African Bureau of Standard(SABS).

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I was appointed to a Banking transformation process of the amalgamated banks of United, Volkskas, permanent and a few others that lead to the current ABSA logo. I was part of the Corporate Governance on IT to seamless enable the systems of all the banks to talk to each other.

I consulted to the Alexandra Proud-foot company based in Belgium but operating in South Africa. We introduced Quality principles in South African companies and converted lots of employees to understand the need for Quality or otherwise to go out of business by paying the price of non conformance in line with Dr. Phil Crosbys four absolutes of Quality.

In 2001 I was offered the position of a Director of the South African National Commission for UNESCO after South Africa was welcomed to the UN family of Nations. I served under Prof Kader Asmal and Madam Naledi Pandor and now Mrs Angie Motshekga as Ministers of Education. My responsibility included the management of universal conventions by 192 UN Member States and SA report back at the UNESCO biennial General Conference from 2001-2007.

I was part of a team that developed the 2000/1 Project Management Standards and visited the Project Management Institute(PMI) in Pennsylvania, USA for the standards approval and distribution to the Project Management Institutions and Colleges throughout the World.

## Societal Participation and Leadership

I was the first Black President of the National Black Consumer Forum together with the late Nonia Ramphomane and Dr Ellen Khuzwayo that lead to the current National Consumer Forum.

I participated in the development and revamping of the 1958 Postal Forum Law from the homeland based version to the current amended version.

I was appointed to the first Board of Medical Aids Scheme and modified the old Medical Scheme Act under Apartheid to the amended current non-discriminatory version.

I was appointed to chair the Siyakhula Trust that aimed to distribute computers to Schools particularly for the parents that participates in School Governing body (SGB) structures.

After Prof. Raymond Dart discovered the Ape-man skull in his paleonthropological study of fossils at the University of the Witwatersrand, Prof. PV Tobias honoured Dart by opening the Institute for the Study of Mankind (ISMA) in the honour of Darts findings. I was the president of this Institute for five years and facilitated it to become one of the co-operating organizations of the South African National Commission for UNESCO.

As a Secretary General of the South African National Commission for UNESCO, I was part of the meeting in Dar-e-salem in Tanzania that allowed me to chair the initiative of consolidating Liberation movements

Dr K Biography Page 4 facilitated by Tanzania during the struggle for liberation in their respective counties. UNESCO has since supported this initiative.

I chaired the first Bertrams Community Policing Forum and the Member ANC branch of Bez. Valley. Prior to 2010 World Cup hosting by South Africa I was part of the research team that gathered the history of Bez. Valley, business opportunities, history and local government plan for its improvement from the 1886 Gold discovery in Gauteng to 2009.

#### **Hobbies**

I was a Chess professional champion at Mmadikoti Technical College and now a regular chess player using the FICS programme on line.

# Chairmanship and Boards experience

I am a director of companies:

African Scientific Institute, SA, Lesotho and Swaziland: Director and co-founder

African Scientific Institute: USA, Fellow of ASI and a Member

Kgamphe. Lekgotla: Director and Founder/incorporation

Komoso Properties: Sole Director

Endulwini Mining Resources: mining and Resources Director

South African Quality Institute: chairman and Director

Technikon Pretoria: Member of the Council (before it was TUT)

Kotulong Hospice Community Center: Director

## **Principles and Values**

Compliance to the Law e.g PFMA, King Principles, empirical evidence, Truth

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