

# MPHAHLELE FAMILY CELEBRATIONS 2



## MAIN CELEBRANT

Dr Komane Mathiase Lebs  
Mphahlele  
[D.Ed (Philosophy of Education), UNISA]

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### DATE

2013 August 10

### VENUE

Lenting, GaMphahlele

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# BAKGAGA BA MAKUBELA

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# SERETO SA NGWANAMOREI

## (PRAISE POEM)

### (DR KOMANE MATHIASE LEBS MPHAHLELE)

Ke motho wa bo Komane'a Manyama'  
Komane a Manti a Lesiba  
Ba re gae ga Komane ke Mogale

O ile a re a ilo bolla, a namela thaba ya lebetha la bokone  
O kgahlilwe ke letswele la ngwanana  
O kgahlilwe ke letswele la Mmakoša' a bahlaku

Ke motho wa bo Mokgobi a bo Kgelele a Manyama wa bo  
bogobe ga ka hutšwela, a o kgodu, a o moratha  
Manyameng wa bo Mantiyele ke go lete o itše ge o jela bangwe  
merepo šakong

Ke motho wa bo thakakgapa  
Mamonamane thaka Kgapa ga ke solwe ke banenyana, ke  
solwa ke baditša thabeng

Ke batho ba ba boago ga Masemol'a tau  
Malakeng Maso ke Malaka a Mašweu  
Ka dikala wa bo Tseke a Bapela  
Mamogane Mokgalagadi'a Mokwena

Ba re Tseke o lle sebete, o lle sebete sa kgomo e bogale a  
tšame a betologela ditšhaba  
A betologela ditšhaba tša gabo tša Masemola a poo





# SERETO SA BAKGAGA BA MPHAHLELE (PRAISE POEM)

Hee lena Bakgaga ba Mphahlele fahlelang  
 Le bowa boroka letšing nnako  
 Mokgaga ke Moroka Phuthi Moloto makgoboketše  
 Ke lepapata ke naka ya llela Mangana Maponti

Namela thaba Maake o bone manala a magohla a dihlare  
 Ditlou dilewa ke mereleba bagwera ba morwa kgoši  
 Matsobane  
 O tsena ka kgoro ngwana mapulana  
 Go tloge go tsena kotse lekoakoa la ntwā

Batho ba ka ba hlatlogile ka Mmakgopane  
 Ntšie thaba Lebota  
 Šaba la bo Radinku ra iketla le bo  
 Selwaka matlapa morwa Mokgubi a makwa

Dumela kotse ya batho ba bantšhi  
 Phulaphule sefoka sa Mangana  
 Kotse e kile ya phemela mangaka le masetlaoka a mahubedu  
 Šaba la bo Mmutle kgagudi sebata ba kile ba a bina kgantla  
 marumu a tlakile  
 Ba tloge ba bina koša ya go latša marumu Maake  
 Thobela moroka'a ntšhi dikgolo



## PART A

### PRELIMINARY PROGRAMME

08h00-11h00

**Venue** : Stand no 20168  
**Activity** : Go hloma lefata (sod turning/home warming)  
**Time** : 08h00 – 10h00

## PART B

### MAIN PROGRAMME

11h00-14h00

**Programme Director** : Mr Benny Leshiretše Mphahlele (M.A.  
University of Natal)

**Attire** : Academic regalia

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**Venue** : New Generation Church (NGC)  
**Refreshments** : 10h00 – 10h50  
**Procession enters** : 10h50 – 10h55 [Graduation song  
(Gaudeamus) by Ms M Moshotte, Ms K  
Gaesiti, Mr L Boshomane & Mr Lucas Chauke  
(PALAMA quartet)]

**NGC Sereto  
(praise poem)** : Mr Masecho Sechocho

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**Opening and  
Welcome**

- Opening devotions: Bishop Mmapule B Mphahlele
- Programme Director's remarks
- Welcome: Pastor Machupe Mphahlele
- Family representative: Mr Seporo Mphahlele
- Greetings from Maake/Mphahlele Royal Families: Mr Dinao Mphahlele
- Rakgadi/paternal aunt: Ms Batseba Lamola (B.Cur, Medunsa)
- Kgaetšedi/sister: Ms Lerato Keetse [B.Sc, (UL), B.Ed (Wits), FDE (UJ)]
- Makobe family (brother-in-law): Mr Phaphedi Makobe (LLB, Unisa)





- Introduction of guests by Rangwane/paternal uncle: Dr Sentsho Mphahlele (D.Ed, UL)

**Lekunutung le Morena/Mandiluve Ufefe Lwaxho (Madodana A Wesele)**

**Education** : Dr Nhlanhla Nduna-Watson (PhD, Michigan State University, USA) (Director: Curriculum, Department of Basic Education)

**Entertainment: Ms M Moshoele, Ms K Gaesiti, Mr L Boshomane, Mr L Chauke and Mr B Binda (PALAMA 'quartet')**

**Knowledge Indigenous Systems** : Prof Yonah Seleti (PhD, Dalhousie (Halisax, Canada)) Chief Director: NIKSO (DST)

**Entertainment: Ms Rutendo Ngara (Research Associate: DST/NRF SARCHiDE and D.Ed. Student – UNISA)**

**Science, Technology, Engineering and Mathematics**

- Dr Shadrack Mahapa [D.Sc.Ed, (Curtin University of Technology, Australia)] Ex-SAASTEC President
- Prof Marissa Rollnick (PhD, Wits) Chair of Science Education, Marang Centre (Wits)
- Mr Moyagabo Modiba [B.Sc, (UL), JSTC (Setotolwane College)] Representing SAASTE President
- Ms Jansie Niehaus [B.A (UJ) B.Ed (UWC)] Executive Director: NSTF
- Dr Jabu Nukeri [D.Ed, (UNISA)] Managing Director: SAASTA
- Prof Johann Engelbrecht, [D.Sc Mathematics, (UP) Executive Director: SAMF & Deputy Vice Chancellor (UP )]

**Sobhekaphina Thixo? (Madodana A Wesele)**

**Public Service and Administration**

- Ms Louise Lepan (MBA, Wits) Chief Director: Induction, PALAMA
- Dr Shamritha Bhikha (D.Ed, UP) Chief Director: Accreditation, PALAMA
- Prof Solly Mollo (2 Masters Degrees, US Naval Post-grad School) Director General: PALAMA



**Music: Ms Ziphora Moichella (DST/NRF SARCHiDE D.Ed Student)**

- Supervisor** : Prof Catherine Odora-Hoppers (PhD, Stockholm)  
DST/NRF SARCHiDE & Director, PASCAL  
International Co-Observatory
- Guest Speaker** : Dr Mosibudi Mangena [M.Sc, (UNISA), Hon  
Doctorates, (UKZN& UNISA)] Ex Deputy Minister of  
Education & first Minister of S&T - (Introduced by  
Dr Jabu Nukeri (D.Ed, UNISA) Managing Director -  
SAASTA)

**Sereto/Praise poem: Mr Masecho Sechocho**

- Reply** : Dr Komane Mathiase Lebs Mphahlele (D.Ed,  
UNISA) Director: Induction, PALAMA

**Musical item: PALAMA Induction Team led by Ms Nombulelo  
Mthombeni**

- Closing devotion** : Bishop Mmapule B Mphahlele

**LUNCH AT NO 20168, LENTING (GA-MPHAHLELE)**

## **PART C** **MAFORI LEGACY PROJECT**

- Programme Director** : Mr Benny Leshiretše Mphahlele (M.A.  
University of Natal)

- Venue** : Stand no 20168  
**Activity** : Go hloma lefata (sod turning/home warming)  
**Time** : 08h00 – 10h00

**Ulihlahi Lethu Thixo (Madodana A Wesele)**

- Launch of  
Autobiography** : Moepathuse (autobiography of Prof M C  
Mphahlele) by Mr Peter Maida [B.A. (Fine Arts)  
Information Design (UP)]





- Best student preacher award** : Handing of the Award to Ms Elizabeth Mokhudu Makhode by Prof Mafori C Mphahlele
- Reply by the recipient:** Ms Elizabeth Mokhudu Makhode
- Handing out of gifts and souvenirs** : Mr MaepaMphahlele (brother) (MSc - London) Managing Director of Mafori Group
- Toast** : Mr Ramakgodu Ben Mphahlele(B.A. (Hons), UNW )
- Vote of Thanks** : Prof Mafori Charles Mphahlele (D.Ed, UL) – Head of Family

**National anthem led by Ms M Moshoeite, Ms K Gaesiti, Mr L Boshomane, Mr L Chauke and Mr B Binda (PALAMA 'quartet')**

- <sup>1</sup> PALAMA = Public Administration Leadership and Management Academy
- <sup>2</sup> UL = University of Limpopo
- <sup>3</sup> UJ = University of Johannesburg
- <sup>4</sup> NIKSO = National Indigenous Knowledge Systems Office
- <sup>5</sup> DST = Department of Science and Technology
- <sup>6</sup> NRF = National Research Foundation
- <sup>7</sup> SARCHIDE = South African Research Chair in Development Education
- <sup>8</sup> SAASTEC = Southern African Association of Science and Technology Centres
- <sup>9</sup> SAASTE = South African Association of Science and Technology Educators
- <sup>10</sup> National Science and Technology Forum
- <sup>11</sup> SAASTA = Science African Agency for Science and Technology Advancement
- <sup>12</sup> SAMF = South African Mathematics Foundation
- <sup>13</sup> UP = University of Pretoria
- <sup>14</sup> S&T = Science and Technology
- <sup>15</sup> Managing Director: Sharpshoot Publishing House
- <sup>16</sup> UNW = University of North West

## Entertainment!!!





# PROFILES OF SPEAKERS

## EDUCATION

### Dr Nhlanhla Nduna-Watson

(PhD, Michigan State University, USA) (Director: Curriculum, Department of Basic Education)

Dr Mphahlele reported to Dr Nduna-Watson between 2001 and 2004. During this period, Dr Mphahlele was appointed into the Ministerial Project Committee that developed the National Curriculum Statement for Grades 10-12 (General), led the development of the Transition Project, the Review and Modernisation Programme. During this period, Dr. Mphahlele was also responsible for the implementation of the National Strategy for Mathematics, Science and Technology Education.

Dr Nhlanhla Nduna-Watson started teaching in 1975 at Tshepo Themba High School in Residensia, Vereeniging. She taught Geography and History until 1982 when she was promoted to HOD for History and Geography at Sizanani-Thusanang Secondary School. She served as HOD between 1982 and 1985.

#### Her qualifications are:

- B.A (University of Zululand) 1974.
- HED (UNISA) 1978
- B.ED (UNISA) 1987
- MA (Oakland University, Rochester, Michigan, USA) 1987
- PhD (Michigan State University, USA) 1994

She was the first Director of the Vereeniging/Vanderbijlpark (S3) District of 145 schools between 1995 and 1999.

She joined the then Department of Education as Director for FET Schools in 2000 to date. She is responsible for the development of the National Curriculum Statement and all policies pertaining to Grades 10-12.

She has travelled extensively and is a mother of two beautiful and caring girls. She is also a member of the National Council of African Women - a non-governmental organisation involved in the upliftment of destitute families, women and children.





## INDIGENOUS KNOWLEDGE SYSTEMS

### Prof Yonah Seleti

(PhD, Dalhousie (Halisax, Canada)) Chief Director: NIKSO (DST)

Dr Mphahlele worked with Prof Seleti in the Ministerial Project Committee that developed the National Curriculum Statement for Grades 10-12 (2001-2003). He also worked with him in integrating IKS (Indigenous Knowledge Systems) awareness into the Cabinet-approved Youth into Science Strategy (2004-2008).

Prof Yonah Seleti taught at universities in Zambia, Lesotho, South Africa, USA, Canada and Denmark. In the heritage sector, he served as a member of the Board of Trustees of KwaMuhle museums; Director, the Campbell Collections (University of KwaZulu-Natal); Co- Chairman of the Bi-national agreement between South Africa and the United States of America on Information Technology in the heritage sector; Council member of the National Heritage Council, Heritage Manager at the Freedom Park (2004- 2006); member of the Executive Committee of Digital Imaging South Africa (Disa), and he is currently serving as a Chief Director of the National Indigenous Knowledge Systems Office in the Department of Science and Technology (DST). He served on a number Ministerial Committees including the Ministerial Committee on History and the Ministerial Committee to develop the National Curriculum Statement for grades 10-12. He was a Project Leader for the Republishing in South Africa of the UNESCO History of Africa. He has published widely including school textbooks on history. At the DST his work involves the mainstreaming of indigenous knowledge in the national system of innovation. He represents South Africa at the Intergovernmental Committee on the World Intellectual Property Organisation on the Protection of Traditional Knowledge, Traditional Cultural Expressions and Genetic Resources. As an activist he has participated in the Canadian anti-apartheid movement, the Native Club, the African Renaissance movement and as a member of Sankofa. He holds the following qualifications: BA Ed; MA in History (UNZA) & Ph.D. (Dalhousie, Canada).



## SCIENCE AND TECHNOLOGY

### Dr Shadrack Mahapa

(D.Sc.Ed, Curtin University of Technology, Australia) Ex-SAASTEC President

Dr Mphahlele, while serving as the Director of Science and Youth, worked with Dr Mahapa as the President of SAASTEC in drafting the Norms and Standards for a Network of Science Centres. Dr Mahapa also represented Dr Mphahlele as the guest speaker at a SAASTEC conference that was held in Namibia in 2004.

Dr Sekgobokoane Shadrack Mahapa received his doctoral degree in Science Education (D.Sc.) in 2003 from Curtin University of Technology in Perth, Western Australia. His graduate work was inspired by concern that some people in Limpopo community were putting themselves, or others, in danger due to lack of understanding of scientific concepts concerning lightning and electrostatic safety. A prevailing local belief is that lightning strikes are caused by people through witchcraft, rather than natural phenomena. Dr Mahapa undertook doctoral research to see if he could influence this understanding. The aim of Dr Mahapa's research was to modify local high school students' cultural beliefs about lightning and electrostatic safety. Dr Mahapa found that there was a need for teachers' professional development using educational materials, in order to maximize learners' understanding of lightning and electrostatic safety. He redesigned educational materials and established programs to enhance professional development for teachers.

In continuation of pursuing his educational concerns, Dr Mahapa served as president of Southern African Association of Science and Technology Centres. He also held several positions such as: Science Centre Manager at the University of Limpopo and Manager of Science Awareness Platform at the South African Agency for Science and Technology Advancement, whose mission was to increase public awareness and understanding of science and technology phenomena. This includes communication and promotion of science among public audiences, popularizing and stimulating interest in science among South Africans. Dr Mahapa is currently providing technical support to the FET College improvement project of the Department of Higher Education through JET Education Services





## Prof Marissa Rollnick

(PhD, Wits) Chair of Science Education, Marang Centre (Wits)

Dr Mphahlele reported to Prof Rollnick while employed as a tutor in the Chemistry Department of the College of Science at Wits (1991-1995). He also worked with her in establishing professional associations such as SAARMSTE and SAASTE as well as participating in the initial processes of developing post-Apartheid curricula in the early nineties.

Prof Marissa Rollnick currently holds a Chair in Science Education (SE) at the University of the Witwatersrand (Wits). She teaches first year chemistry and supervises Honours and M.Sc. courses in SE. She was a science teacher and HoD at school level (1973-1974), a science education lecturer in Swaziland (1975-1983 and 1987-1990), course developer for the South African Council for Higher Education (SACHED) (1986), and Chemistry lecturer and Director of the College of Science at Wits (1990 – 2011).

Prof Rollnick held various positions in SSTA (Swaziland Science Teachers Association), SAASTE (South African Association of Science and Technology Education) and SAARMSTE (Southern African Association of Research in Mathematics, Science and Technology Education). She also played editorial roles in the *Journal of Research in Science Teaching*, the *Australian Journal of Education in Chemistry*, the *Springer Science and Technology Library Education*, the *International Journal of Science Education*, and the *African Journal of Research in Mathematics*.

She holds a B.Sc. degree, a Higher Education Diploma (Wits), M.Sc. in Chemical Education (University of East Anglia, (1976)) and PhD (Wits) (1988). In addition, she passed Zulu I special (UNISA 1976) and Applied English Language Studies I (Wits 1992). Her scholarly work includes 46 refereed publications, a book, 180+ conference papers, 12 non-refereed articles, text books and other publications.

Her awards include SACI Chemical Education Medal, Fulbright Senior Researcher Award (2003), Benjamin Pogrud Medal for combating discrimination at Wits (2009), C1 rating with the National Research Foundation (2006,2011), six major research grants and Masters' swimmer (holder of 1 South African Records and rated in world top ten). She is singing in the Symphony choir of Johannesburg.



## Mr Moyagabo Modiba

[B.Sc, (UL), JSTC (Setotolwane College)] representing SAASTE President

Whilst appointed as the Director of Science and Youth in the Department of Science and Technology (DST), Dr Mphahlele worked with Mr Modibain establishing a formal relationship between the DST and SAASTE (South African Association of Science and Technology Educators). Their relationship grew in leaps and bounds when Mr Modiba was appointed as the President of SAASTE. This relationship resulted in mutual support for the implementation of the Cabinet-approved Youth into Science Strategy by both SAASTE and the DST.

Mr Moyahabo Roseman Modiba is married and hails from Botlokwa, Mokomene in the Limpopo province. He obtained his Bachelor of Science, B.Sc. [UL, 2003] majoring in Chemistry and Biochemistry. He is a dedicated Maths and Science Teacher who qualified from Setotolwane Training College in 1979. Since then he has taught in several secondary schools in Limpopo, before being promoted to a position of curriculum advisor. His love for maths and science saw him being appointed as manager of projects such as the Thousand Schools Project, Teacher Opportunity Programmes [TOPS], TELMAST, Science Education Project, participation and facilitation in thirteen professional national and international conferences organised by the South African Association of Science and Technology Educators [SAASTE, formerly SAATOPS] of which he was the National President for the period 2008 – 2011.

In addition to formal qualifications, Mr Modiba has improved his repertoire of competences by attending short courses and workshops. Some of these were organised by the Shell Science and Mathematics Resource Centre Educational Trust, University of the Orange Free State's Research Institute for Educational Planning [RIEP], Wits University's RADMASTE, South African Association of Teachers of Physical Sciences [SAATOPS, now SAASTE], Science Education Project [SEP] that included a three months course at Leeds University, Britain. He also participated in the Phoenix Programme on different Mining Projects sponsored by Chamber of Mines of South Africa.

Mr Modiba is currently working as a Deputy Chief Education Specialist in Physical Sciences in the Waterberg District, Modimolle, in the Limpopo Province.



## Ms Jansie Niehaus

[B.A (UJ) B.Ed (UWC)] Executive Director: NSTF

Dr Mphahlele worked with Ms Niehaus in The Teacher Trust (which birthed, among others, The Teacher newspaper) in the early nineties. He represented the DST (Department of Science and Technology) on the National Science and Technology Forum (NSTF) Executive Committee, which Ms Niehaus was its Executive Director. He also assisted the NSTF in drafting its strategic plans.

Ms Jansie Niehaus has been the Executive Director of the National Science and Technology Forum (NSTF) since 2006. Previously she established and coordinated Informatics learnerships for young science graduates in the Department of Science and Technology, for 3 years.

She was a Mathematics Teacher for 5 years in the Johannesburg area, including St Barnabas College in Bosmont. During this period, she taught Mathematics to Grades 7 to 12 learners, and first year university students. She also worked as an Education Consultant and provided teacher in-service training in Gauteng and the Western Cape.

Among other jobs, she worked for COUNT, an NGO which promoted Mathematics Teaching among farm school teachers. She also trained with and briefly worked for the Freudenthal Institute at Utrecht University, in The Netherlands. She worked as research assistant and project manager for a curriculum development project at the University of the Western Cape (UWC) from 1994 to 1996. She served on the Western Cape Executive Committee of the Association for Mathematics Educators in Southern Africa (AMESA).

She holds a Bachelor of Education (B.Ed.) degree, from the University of the Western Cape (UWC), a Higher Education Diploma, and Bachelors' degree from the University of Johannesburg (UJ, previously known as RAU) majoring in Mathematics and Psychology. Other subjects she studied at tertiary level include Development Administration and Fine Art.

Ms Niehaus carried out underground tasks for the African National Congress (ANC) while it was banned, and was a Political prisoner (Johannesburg/Pretoria) for 4 years, from 1983 to 1987.



## Dr Jabu Nukeri

(D.Ed, UNISA) Managing Director: SAASTA

Dr Mphahlele supervised Dr Nukeri when he was the acting Director of Special Interventions in the Department of Education (2003-2004). While serving as the Director of Science and Youth in the DST, he worked closely with Dr Nukeri (who was the Science Education manager) in delivering the Cabinet-approved Youth into Science Strategy (2004-2009).

Dr Happy Jabulani Nukeri is currently serving as the Managing Director for the South African Agency for Science and Technology Advancement (SAASTA) – a business unit of the National Research Foundation (NRF). Between 2004 and 2010, he served at SAASTA as the Science Education Manager. Prior to his appointment at SAASTA, he served Department of Education as the Education Specialist in Mathematics, Science and Technology (1985 and 2005).

In addition to serving as an official in Government, he also practised his profession as an educator at school and district levels. This career covered: science educator at classroom level, head of department at school level, lecturer at a College of Education, Curriculum Adviser in the Limpopo Province. He also worked part as a tutor and examiner for some Higher Education Institutions and consulted for some organisations in the education sector. In addition to his work in education, he is also serving in structures such as representing the NRF as a member of the Board of Directors for the South African Mathematics Foundation and Eskom Expo for Young Scientists, and an executive member for the Federation of Engineering, Science and Technology Olympiads and Competitions.

Dr Happy Jabulani Nukeri's qualifications are: BA (Education), B.Ed. (Specialising in Educational Management), M.Ed. and D.Ed. at the University of South Africa (UNISA). His dissertation for the D.Ed. degree was titled: An Intervention Programme to Promote the Choice of Physical Science by Secondary School Learners. His main research areas of interest are in mathematics, science and technology education, advancement and engagement.



## Prof Johann Engelbrecht

(D.Sc Mathematics, UP) Executive Director: SAMF & Deputy Vice Chancellor (UP)

While serving as the Director of Science and Youth, Dr Mphahlele worked with Prof Engelbrecht in establishing and launching the South African Mathematics foundation (SAMF). Projects they worked on included facilitating the hosting of the Pan African Mathematics Olympiads by South Africa and supporting the implementation of the Cabinet-approved Youth into Science Strategy.

Johann Engelbrecht is a professor in mathematics education at the University of Pretoria. Before that, he was deputy dean of the Faculty of Natural and Agricultural Sciences and recently acted as vice-principal of the University.

He is also the current executive director of the SA Mathematics Foundation. He was one of the founders of SAMF. He is an active researcher in the field of mathematics education at tertiary level and his international involvement in the teaching of undergraduate mathematics includes numerous research and keynote presentations, membership of international scientific committees for international conference research papers on mathematics education in international academic journals and joint research projects with colleagues in many countries. He represented South Africa on the International Programme Committee for ICME 2012 in Seoul.

He was one of the founders of the international Delta movement, a southern hemisphere collaboration in the field of undergraduate mathematics education. He received awards for teaching, including the Claude Harris Leon Award, "Championship in Mathematics Teaching" in 1998 and the South African Mathematical Society Award for the Advancement of Mathematics in 2005.

He was the founder of the Mathematics for Undergraduates Teaching Initiative (MUTI), fostering ties between mathematicians and other role-players, including other departments, faculties and universities. He also initiated the UP Mathematics competition. Most important: he is married to Heloise with 3 (own) and 2 (new) children as well as 4 grandchildren who give meaning to his life.



# PUBLIC SERVICE AND ADMINISTRATION

## Ms Louise Lepan

(MBA, Wits) Chief Director: Induction, PALAMA

Dr Mphahlele currently reports to Ms Lepan at PALAMA. He also reported to her when he was the Director of Leadership Development in 2010-2011.

Ms Louise Lepan is a seasoned public servant with 24 years unbroken service. She completed her Masters in Business Administration (MBA) in 2004 at Wits. Her other qualifications include BA and B Ed with the then RAU (Rand Afrikaans University), and a Teachers Diploma with the Rand College of Education. She was accepted on a 3-month fellowship at the Leeds University in 1993 and since then has attended courses at the Administrative Staff College of India (2008) as well as l'Ecole Nationale d'Administration in Paris, France (2009). She is currently busy with a Masters in Diplomatic Studies funded by DIRCO in an attempt to develop women senior managers in the International Relations field. She has presented papers at International Conferences. She also participated in International conferences in Uganda (July, 2008) and Brazil (August, 2009).

She is currently the Chief Director of Induction at PALAMA, responsible for the roll-out of Public Service Induction (PSI): Wamkelekile, for Senior Managers. She also manages the implementation of the Breaking Barriers to Entry in the Public Service (BB2E) Programme – an intervention orientating unemployed graduates towards the Public Service. She was previously the Chief Director of Partnerships and Networks in the Branch Executive Development at PALAMA, responsible for the roll-out of programmes such as the Executive Development Programme (EDP), strategic partnerships with Higher Education Institutions and specialist providers delivering leadership development programmes. She has taken keen interest in SMS (senior management service) and Executive Management training. She has a certificate in Coaching from Wits and is currently running coaching sessions for MBA students as part of the Certificate Programme in Leadership Coaching (CPLC) programme.



## Dr Shamritha Bhikha

(D.Ed, UP) Chief Director: Accreditation, PALAMA

Dr Mphahlele worked with Dr Bhika in professional bodies such as SAARMSTE (Southern African Association of Research in Mathematics, Science and Technology Education) and AMESA (Association of Mathematics Education in South Africa) in the early nineties. They also worked together on curriculum change in the DoE (Department of Education) in the early part of the last decade; and have worked together on curriculum development and accreditation matters at PALAMA (2009 to date).

Dr Bhikha was born and bred in Durban, where she also obtained her initial tertiary qualifications. Her educational qualifications are: B.Paed, (Science), B.Ed., M.Ed. and PhD in Education Policy Studies. Her 35 years' of work experience in the Public Service covers: Science Teaching, Science Teacher Training, Curriculum Specialist at Gauteng Department of Education (Head Office), Chief Education Specialist (Department of Education-National); Deputy Director: Teacher Education at Department of Education-National, Director; Standards Setting and Development at SAQA, Chief Director: Accreditation at PALAMA. Her hobbies cover: reading, walking and cooking. She has passion for contributing to the transformation agenda of our country so that a better life for all can be a reality.

## Prof Lekoa Mollo

(2 Masters Degrees, US Naval Post-grad School) Director General: PALAMA

Dr Mphahlele is currently the Director of Induction at PALAMA (Public Administration Leadership and Management Academy,) which is headed by Prof Mollo. He serves in various curriculum task teams and working groups that will form part of the envisaged School of Government.

Prof Mollo is currently the Director-General of the Public Administration Leadership and Management Academy. Previous to his current position, he was the special advisor to the South African Minister for Public Service and Administration.



Prof Mollo studied Law and holds two masters degrees from the US Naval Postgraduate School: one in International Security and Civil Military Relations, and another in National Security Affairs on Regional Studies of Sub-Saharan Africa. He was the adjunct Professor at the University of Witwatersrand in Public and Development Management, and Professor Extraordinaire at the University of Stellenbosch Business School.

He also played an important role in the military. He was the Chief Human Resource Support for the South African National Defence Force (SANDF) and the Commandant of the South African Military Academy. Prior to joining the SANDF, he was the Umkhonto weSizwe(MK) combatant and represented MK in the military negotiations for the formation of the new SANDF. He was also a member of the Military Court of Appeals and the President of the South African Military History Commission.

## SUPERVISOR

### **Prof Catherine Odora-Hoppers**

(PhD, Stockholm) DST/NRF SARCHiDE & Director, PASCAL International Co-Observatory

Dr Mphahlele's doctoral thesis was supervised by Prof Odora Hoppers. They also worked together on policy processes for curriculum change and IKS (indigenous knowledge systems) in the first decade of the 21st century.

Professor Catherine Odora Hoppers is a scholar, policy specialist, and public intellectual on issues of international development, education, and North-South questions. She has served as a continental expert under the auspices of the OAU and UNESCO, as well as the regional expert to the World Economic Forum and an expert of the World Intellectual Property Organization. She also supported African Ministers of Education and Gender.

In the area of Peace, she was involved in preparing the UN Study on Disarmament Education that was approved by the General Assembly (2002).



Professor Odora Hoppers was a technical adviser on Indigenous Knowledge Systems to the Portfolio Committee on Arts, Culture, Science and Technology; a Distinguished Professional at the HSRC; an Associate Professor at the University of Pretoria; a Visiting Professor at Stockholm University (Sweden); Scientific Coordinator and Campus Director for the Council for the Development of Social Science in Africa (CODESRIA) Annual Social Science Campus (2006); and a recipient of Honorary Doctorates from Orebro University (Sweden) in 2008 and Nelson Mandela Metropolitan University in South Africa (2012). She also serves as Co-Director and member of the Board of the PASCAL International Observatory initiative on Place Management Social Capital and Learning Regions (initiated by the OECD).

In January 2008, she was appointed as the DST/NRF-South African Research Chair in Development Education hosted at the University of South Africa, Pretoria as part of the Department of Science and Technology's strategic intervention into the higher education landscape in South Africa.

**Prof Odora Hoppers holds the following qualifications:**

- Teachers' Diploma in Education. National Teachers College, Kyambogo, Uganda; and Kwame Nkrumah Teachers College, Zambia (1976-1978).
- Bachelor of Arts Degree in Education (B.A.Ed.); University of Zambia. (1978-1981).
- Masters of Social Sciences Degree in International and Comparative Education; Stockholm University, Institute of International Education. First Class. (1992).
- PhD (Social Sciences) in International and Comparative Education: Institute of International Education. Stockholm University. (1998).

## GUEST SPEAKER

### Dr Mosibudi Mangena

[M.Sc, (UNISA), Hon Doctorates, (UKZN & UNISA)] Ex Deputy Minister of Education & first Minister of S&T

Dr Mphahlele worked with Dr Mangena when he managed the implementation of the Cabinet-approved National Strategy



Mathematics, Science and Technology Education's Dinaledi Project in the Department of Education (2001 – 2004). He later worked with him when he developed and managed the implementation of the Cabinet-approved Youth into Science Strategy in the Department of Science and Technology between 2004 and 2009. During these periods, he accompanied him on educational tours of Cuba (when he was the Deputy Minister of Education) and Belgium (when he was the Minister of Science and Technology).

Dr Mosibudi Mangena was born on 7 August 1947 in Tzaneen, in the now Limpopo Province. He is married to Thabile and they have two children.

He completed his primary school education at the Lethabong Primary School in Wallmansthal, near Pretoria, and proceeded to Wallmansthal Secondary School from 1965 to 1967 where he obtained his Junior Certificate with distinction. He matriculated at Hebron Training Institute in 1969. In 1970, he enrolled at the University of Zululand (Ngoye) for a B.Sc. degree. Whilst at Ngoye, he was elected to the SRC, and became active in the programmes of the South African Students' Organisation (SASO). He discontinued his studies and moved back to Pretoria where he became active in the local branch of SASO, PRESO.

In December 1972, he was elected the first National Organiser of the Black People's Convention at its inaugural Congress. In 1973, he was detained under the notorious Section 6 of the Terrorism Act in Port Elizabeth. He was later charged, convicted and sent to Robben Island for five years. He was the first Black Consciousness activist to land on Robben Island. While on Robben Island and under banning orders, he completed a B.Sc. and B.Sc. Hons degrees with the University of South Africa. He now holds a Master of Science degree in Applied Mathematics.

Upon his release in 1978, he was banned and restricted to Mahwelereng Township in the then Lebowa Homeland (now part of the Limpopo Province) for five years. In 1981 he went into exile, and joined the Black Consciousness Movement of Azania (BCMA). He was first elected Chairperson of the Botswana Chapter of the movement, and in 1982, Chairperson of the Central Committee of the entire organization. In 1983, he moved his operational base to Zimbabwe, where he resided until he returned to South Africa in July 1994. On his return from exile in 1994, he was elected President of AZAPO at the merger Congress of the BCMA and AZAPO.



He was elected a Member of Parliament in April 1999, and appointed the Deputy Minister of Education in January 2001. His main responsibility in this post was Maths and Science education, and to that end, he launched the National Strategy for Mathematics, Science and technology Education and its flagship project, the Dinaledi schools. In April 2004, he was appointed the first Minister of Science and Technology. He also chaired the SADC ministers responsible for science and technology, and the continental African Ministers' Council on Science and Technology.

He is the author of four books, viz., *On Your Own* (1989); *A Quest for True Humanity* (1996); *A Twin World* (1996), and *My Grandmother is Permanent* (2004).

He was the first patron of the Sowetan-Telkom Mathematics and Science Teacher of the Year Awards, and the founding Chairperson of the South African Literacy Initiative and Masifundesonke Reading Campaign.

Dr Mangena received many awards. On 18 March 2008, the Vaal University of Technology conferred upon him an Honorary Doctorate (Doctoris Technologiae) in the field of Applied Sciences in recognition of his "service and invaluable contribution to the social upliftment of both our region and country."

On 11 December 2009 the University of Stellenbosch conferred upon him an honorary Doctor of Science degree and made this observation about him: "... Mangena has achieved exceptional merit and given proof of eminent gifts of intellect and character,...for his contribution to strengthening science for society; for his successful efforts towards increasing national spending on research and development, and for his outstanding contributions to the development of human capacity in South Africa,..."

On the 23<sup>rd</sup> of April 2013, the University of KwaZulu-Natal conferred upon him an honorary Doctor of Science in recognition of his contribution to science and technology in South Africa and the African continent.

He was given the Order of Luthuli in Silver on the 27<sup>th</sup> of April 2013 in



recognition of his role in the struggle for freedom.

On the 12<sup>th</sup> of June 2013, the University of South Africa conferred on him an honorary doctorate in recognition of his contribution to mathematical knowledge and advancement of science and technology in South Africa.

Although retired from public life, Dr Mangena continues to play a role in societal development.

On 30 March 2010, he was appointed a member of the Human Resource Development Council, a body chaired by the Deputy President of the Republic of South Africa.

On the 4<sup>th</sup> of August 2010, he became a board member of the Mapungubwe Institute For Strategic Reflection.

On the 26<sup>th</sup> of February 2011, he was appointed to the board of the MTN SA Foundation.

He became a Fellow of the Stellenbosch Institute for Advanced studies on the 1<sup>st</sup> of March 2013.

## REPLY

### **Dr Komane Mathiase Lebs Mphahlele** (D.Ed, UNISA) Director, Induction, PALAMA

Dr Mphahlele was born on 06 November 2013. He is leitšibolo (first born 'child') of Prof and Mrs M C Mphahlele and has four siblings: namely, Rekgopetše (nee Keetse), Maepa, Malerotho and Nkisheng. He is married to Masetšhwane Josephine Mphahlele (nee Makobe). They are blessed with four children: Mologadi Lethabo, Rebotile Mosepele, Mafori Lehlogonolo and Rateme Oarabile.

He received his primary education from Leledu (in the old New Pietersburg), Peakanyo (Seshego), Pula Madibogo (Turfloop) Lower Primary Schools; and Dikolobe Higher Primary School (Turfloop) where he obtained his Standard 6 certificate. He received his High School Education from Pax (where he received his Standard 8 certificate) and Setotlwane (where he received his Matric Certificate) Institutions. His qualifications include B.Sc.



(Fort Hare, 1985); U.E.D., B.Ed. and B.Sc. (Hons) (1986-1988, UL); and M.Ed. (Wits) (1993). He also studied short courses on computer literacy; mentor-coaching; people empowerment and management; educator development; youth development; financial management and budgeting; project management and leadership.

While studying for University degrees, he obtained distinctions in the following courses: Alternative Strategies in the Teaching of Science (M.Sc. course) (Wits); Sociology of Science (B.Ed. course) (Wits); Fundamental Pedagogics (B.Ed. course) (UNIN) and Science Practice Teaching (U.E.D course) (UNIN).

In 2002, the Department of Education (DoE) nominated him to compete for the NSTF Awards. He was voted a runner-up in the 2002NSTF Awards Category of an individual who made a contribution in the fields of science and technology "through activities other than research and innovation over the last two years".

His professional career in education and training straddles high school teaching, university teaching, and commissioning editor of newspaper education materials. He taught mathematics, science and biology to grades 11-12 learners at Gojela High School (1989-1990) at Mahwelereng, Mokopane. He was promoted to be the Head of Science Department of Gojela in 1990. After leaving Gojela in 1991, he enrolled for M.Ed. at Wits. After completing his studies, he was appointed the Chemistry tutor in the College of Science (Wits) (1993-1995). While at the College of Science, he also served as the Commissioning Editor of newspaper education materials (SACHED) (1994-1995).

His curriculum knowledge and passion for youth development saw him being involved in a number of Government interventions. In 1995, he was appointed as the National Curriculum Coordinator of SYSTEM (Students and Youth into Science, Technology, Engineering and Mathematics) until 1997. During this period, Dr Ben Ngubane (then Minister of Arts, Culture, Science and Technology), appointed him as a member of the board of FEST (Foundation for Education, Science and Technology) for the period 1996-1999. In 1998 he was appointed as a Chief Education Specialist in the DoE's newly established National Centre for Curriculum Research and Development. Two years later, the then Minister of Education, Professor Asmal, appointed him as the



Head of the Secretariat for Curriculum 2005 Ministerial Review Committee. Subsequently Prof Asmal appointed him as a curriculum design specialist in the Ministerial Project Committees that developed the National Curriculum Statements for Grades R-9 (2000) and Grades 10-12 (2001-2003).

Based on the work he did in SYSTEM and the NCCRD, he was appointed by the DG of the DoE as the acting Director of Special Interventions to establish Units that would focus on managing strategies such as the National Strategy for Mathematics, Science and Technology Education (2003-2004). In 2004, he was promoted to be the first Director of the Science and Youth Directorate in the newly established Department of Science and Technology. Three years later he was appointed as the acting Chief Director for Human Capital in the DST until 2008. He was promoted to Director of Curriculum Design at PALAMA in 2009. While at PALAMA he served as Directors of Curriculum Design (2009-2010), Leadership Development (2010-2011) and Induction (2011 to date).

Prior to joining the public service, he was self-employed and did a number of consultancy jobs that covered: evaluation of science, mathematics and technology programmes for SFP, COUNT & PROTEC (NGOs), edited course materials for PROTEC, facilitated the establishment of professional associations and The Teacher newspaper, developed curriculum materials for ABEL (Advancing Basic Education and Literacy) and Educator TV series, conducted policy analysis for EDUNET cc. & CEPD, and conducted desktop research of higher education landscape in South Africa for Edunet.

Dr Mphahlele has demonstrated leadership qualities in various fields. He was elected as the Chairperson of NOTTU (Northern Transvaal Teachers Union) (1990) Mahwelereng Branch, Chairperson of SADTU (South African Democratic Teachers Union) Mahwelereng Branch (1990-1991), Chairperson of the BIOCUSUN (Biochemical Society of the University of the North) (1988), the Secretary of Malapa Kopanang Social Club (1996), Chairperson and secretary of Leloko Burial Society (1997-2000 for the former; and 2000 to date for the latter). He also motivated for and facilitated the birthing of SAASTE (South African Association of Science and Technology Educators) (1995). Ten years later he facilitated the establishment of the Federation of Engineering, Science and Technology Olympiads and Competitions (FESTOC).

Dr Mphahlele served as a member of different structures in the field of



education and training. These include membership of the ANC STE (Science and Technology Education) Commission (1993), Advisory Committee: The Teacher Newspaper (1995 – 1997), Reference Group: Curriculum 2005 (1997), Academic Union: UDUSA (University Democratic Union of South Africa) (1992 – 1995) and NETF (National Education and Training Forum) (1995

His extensive work as a public servant was mainly in the area of public policy design, development and delivery. During his 16 years as an official in Government, he participated in the development of various legislations and policies. He, among others, led the design, development and delivery of the following two strategies in mathematics, science and technology education: the National Strategy for Mathematics, Science and Technology Education (launched in 2001) and the Youth into Science Strategy (approved in 2005 and launched in 2007). Both were approved by Cabinet.

He represented South Africa on the continent and abroad. Some of the countries he visited include: Brazil (where he represented South Africa in the 4th Science Centre World Congress), Cuba when he accompanied the then Deputy Minister of Education, Dr Mangena, Canada (where he represented South Africa in the 5th science centre congress and negotiated for the 6th Science Centre World Congress to be hosted by South Africa), Belgium when he accompanied Dr Mangena, then Minister of Science and Technology, Tokyo and Germany where he represented South Africa at OECD meetings; Beijing science centres, Senegal (where he represented South Africa at a Pan African Mathematics Olympiads) and persuaded the meeting to approve South Africa as the next host of the event, Lesotho and Zimbabwe to represent South Africa at UNESCO workshops.

The papers and articles he published cover systemic education change, people's science, redress and equity in science education, academic development, knowledge systems and public policies in education and training. His reviews of books were published in The Teacher newspaper which he helped found.

One of the principles he lives by is self-development and self-empowerment. While working tirelessly as Director at PALAMA, he enrolled for the Doctor of Education in Philosophy of Education with



UNISA through the South African Research Chair in Development Education in 2009. On 22 April 2013 he received his D.Ed. degree at the graduation ceremony that was organised by UNISA. The title of his research thesis is: Innovation Agenda for South Africa in the 21st Century: Towards an Inclusive and Integrative Model. His thesis recommends a conceptual framework that is underpinned by an inclusive and integrative paradigm. Such a framework proposes transformative actions that have a potential to achieve normative policy intentions of post-Apartheid South Africa.





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**Platinum  
20<sup>th</sup>  
Anniversary of  
Ngwanamorei  
and Mahlako**

(wife to Dr Komane Mathiase  
Lebs Mphahlele)



"The Mphahlele family would like to thank everybody who directly or indirectly contributed towards the well-being of this family as well as today's event. May God richly Bless you. Do unto others as you have done unto us.

**80th  
Birthday of  
Mologadi**

(the mother to Dr  
Komane Mathiase Lebs  
Mphahlele)



Bakgaga ba rata go leboga batho kamoka bao ba bapetšego karolo mo go ageng lapa le la Bakgaga. Modimo a le šegofatše, a le okeletše maphelong a lena. Le direle ba bangwe bjalo ka ge le diretše Bakgaga"

**RE A LEBOGA**

