UKZNDABA &



KWAZULU-NATAL INYUVESI

SABC

Missed the Weather report?

UNIVERSITY OF

GRADUATION SPECIAL 2013

A SOUVENIR PUBLICATION



Sharda achieves master's and Kajal an MBCHB



SA polocrosse team mentor gets her PhD in sports psyc Tweet

doctorate

The University of KwaZulu-Natal has conferred an honorary doctorate on renowned musician Johnny Clegg. He is among nine people who will be recognised with honorary doctorates for their contributions in the human rights, scientific, arts and culture, social sciences, political and

UKZN confers Johnny Clegg with honorary

Isolezwe

UZakes uzenze umuntu eBantwini ngeziqu zakhe

i yena uhlalile



Umlazi student beats the odds to excel

UKZN spokesperson Nomonde Mbadi praised Clegg's status in inter-national and southern African popu-lar music, saying his music stems di-rectly from his articulation, through

wiseu racial and social identities.
She said his musical debut at a crucial moment in the country's struggle against apartheid was revolutionary in its Juxtaposition and reconciliation of white and Zulu culture.
Clegg was instrumental in putting



Honours for excellent academics

of KwaZuki-Natal and a further two will receive Distinguished feachers' Awards at graduation oremonies at the university next month. The new fellows are Professor Gerald West, Professor Leana Uys, Professor Jacels Beesiek and Professor Marie-Louise Newell. Those getting the teachers' awards are Dr Anthony Collins and Dr Cornis Schoeman. University Fellowships are conferred annually on outstanding academics for research excellence and distinguished academic achievement, while teachers awards are presented for teaching excellence, writes Greg Dardagan

PROFESSOR JACEK BANASI/

Owayengunogada ubonga i-UKZN



The parents of Kerryn and Lynsey Houston had double cause to celebrate as both their daughters were awarded top-class degrees UKZN's College of Agriculture, Engineering and Science on 17 A... See More.

University of KwaZulu-Natal



GRADUATION SPECIAL



GRADUATION 2013

HE University of KwaZulu-Natal conferred an impressive University's 21 Graduation ceremonies which was held over eight days. The ceremonies commenced on Monday, April 15, and ended on Tuesday, April 23. A notable 61 percent of the graduands were women and 607 were international students. A total of 175 doctoral constituted 56 percent of the 396 graduands who graduated *cum laude* and *summa cum laude* respectively. Sixty seven graduands with disabilities received their degrees.

Approximately 1646 degrees were conferred in the College of Science; 907 in the College of Health Sciences: 4 832 in the College of Law and Management Studies. In addition, the University

nine leading and accomplished ciences political and academic through their vision, humanitarian efforts, resilience, social conscience and innovation in their respective fields, made a profound change in the ives of people both in South Africa

Honorary degrees conferred include: Dr Ela Gandhi – Doctor of Doctor of Literature, Professor Hugh Africa – Doctor of Education (posthumous), Dr Uche Amazigo Doctor of Science, Dr Johnny Clegg-Doctor of Music. Dr Daisaku Ikeda -Doctor of Social Science, Dr Mosibudi Mangena – Doctor of

UKZN Registrar Professor Jane Meyerowitz, Senior Lecturer Anthropology and Supervisor Dr Maheshvari Naidu, Student Nokwanda Nzuza and Executive Director Corporate Relations Ms Nomonde Mbadi join in to congratulate Nzuza on hei



Doctor of Medicine and Dr Carl

Wright - Doctor of Administration

Professor Shirley Walters and Judge

Dhayanithie Pillay who addressed

graduates on Tuesday, 16 April at

19:00 and Friday, 19 April at 10:00

Two leading academics Dr

Anthony Collins and Dr Corrie

Schoeman received the University's

Eminent guest speakers included



The procession makes it's way to the hall at Graduation in Pietermaritzburg.



teaching excellence. These prestigious awards recognise innovative and outstanding teaching

Four prominent academics were made Fellows of the University, Professors Gerald West, Leana Uys, Jacek Banasiak and Marie-Louise Newell. University Fellowships are conferred annually on outstanding academics for research excellence and distinguished academic



UKZN Procession leaves the Graduation ceremony.

UKZN FELLOWS

Highly-rated Mathematician joins ranks of UKZN Fellows

V ⊥ honoured with a UKZN Fellowship at this year's College of Agriculture, Engineering and Science's Graduation ceremony

University Fellowships are conferred annually on outstanding academics for research excellence and distinguished academic achievement. Banasiak is one of four academics to receive the title of UKZN Fellow this year.

Banasiak joined the Department of Mathematics and Applied Mathematics at the Iniversity in 1992, moving through the ranks to become a Senior Professor in 2008 and Research Professor in 2011. He

Mathematical Sciences between 2005 and 2007.

His research interests are in non-local, integro-differential models of applied sciences, including kinetic theory, mathematical biology and fragmentation-coagulation theory and also asymptotic analysis of multiple scales problems for which he received the habilitation (DSc) conferred by the University of Warsaw in 1999 and the state title of Professor conferred by the President of the Republic of Poland in 2007

Banasiak has been a National Research Foundation B1 scientist since 2008 and in 2012 received the South African Mathematical Society Award for Research



College Dean of Research Glen Bright and UKZN Fellow Mathematician Professor Jacek Banasiak.

UKZN Fellowships for two Health Sciences Academics

SITHEMBILE SHABANGU

academics were honoured with University of KwaZulu-Natal 'ellowships during the College of Health Sciences Graduation on 18 April.

Professors Leana Uvs and Marie ouise Newell were awarded Fellowships in recognition of their esearch excellence and distinguished cademic achievement

Professor Uys served as Professor of Nursing and Head of the School of Nursing from 1986 to 2001 and as Deputy Vice-Chancellor and Head of the College of Health Sciences from 2004 to

She was rated as a B-category scientist by the National Research oundation (NRF) in 2008 – the first nurse to achieve this level. According to the NRF, researchers in this category enjoy considerable international recognition by their peers for the high quality impact of their recent research"

On retirement in September last year, she was CEO of the Forum of University Nursing Deans of South

Professor Newell - the Director of the University of KwaZulu-Natal's Africa Centre for Health and 2005 – has a background in medicine, demography and epidemiology while her research has focused on maternal and child health, particularly infections and HIV transmission from mother-to-child.

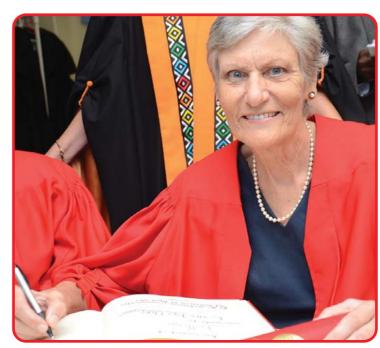
Newell initiated a broad, innovative programme of research addressing the mpact of HIV infection at population, community, household and individual

She established a partnership with the Department of Health in the Hlabisa sub-district to provide HIV treatment and care, resulting in more than 24 000 HIV-infected people starting on treatment by the end of 2012.

Newell is rated as a B1 researcher by the NRF and has published extensively in her field.



Professor Marie-Louise Newell



Professor Leana Uys.

Senior Humanities Professor awarded UKZN Fellowship

SITHEMBILE SHABANGU

SENIOR academic Professor Gerald West was named a Fellow of the University of KwaZulu-Natal during the Humanities Graduation ceremony in Pietermaritzburg on 22 April. The fellowship recognises research excellence and distinguished academic achievement

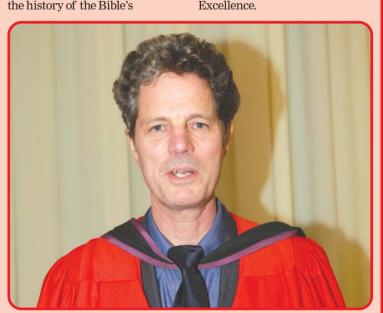
West is a Senior Professor in the School of Religion Philosophy and Classics, with his primary area of research. teaching and community biblical hermeneutics.

Within this field, West has published extensively in areas such as the use of the Bible in African liberation struggles, the role of ordinary readers of the Bible in liberation hermeneutics,

reception by indigenous Africans and the various ways in which the Bible is present in the African public realm.

He has been involved in the work of the Ujamaa Centre – a research and community development body within UKZN for more than 20 years. Through this centre he has conducted relationship between African biblical scholarship and the ways in local African communities.

West's work has been recognised around the world. He is frequently invited to lecture abroad and significant numbers of international postgraduate students come to work with him. Last year, the College of Humanities presented him with the DVC's Award for Research



Professor Gerald West

graduates with a

PhD in Psychology

DISTINGUISHED TEACHERS' AWARDS

Awards for Teaching Excellence

the recipient of a University of KwaZulu-Natal's Distinguished Teachers' Award at a Graduation ceremony held recently on the Westville campus. The annual award acknowledges excellence and innovation in teaching, and is managed by the University Teaching and Learning

Schoeman, a Senior Lecturer in the School of Life Sciences in the College of Agriculture, Engineering and Science, was recognised for his innovative approach to teaching.

The selection committee was unanimous that the award should be given to Schoeman who is acknowledged for the additional reaching out to under-prepared students from disadvantaged backgrounds to ensure they succeed in their studies.

According to Professor Renuka Vithal, DVC: Teaching and Learning, Professor Schoeman was recognised for using a broad selection of teaching methods and a



The prestigious award of Distinguished Teacher was bestowed on UKZN's Dr Corrie Schoeman.

wide variety of multimedia in a range of modules at different levels. He supports his teaching through

diverse tuition and learning material which have been

strategies and emanate from his philosophy of teaching. Dr Anthony Collins, a lecturer

Sciences in the College of Humanities, was also named as an

Dr Collins is especially recognised for distinguished contribution to the area of curriculum development but also for the scholarship demonstrated in the way he teaches these in

Upon reviewing his teaching portfolio the Committee noted he teaches a variety of class sizes, some being very large. He is constantly reflective of this and adapts his teaching practices

who uses a variety of methods texts, visuals and online resources used to effect significant changes He contributed to the development of teaching and learning materials in psychology and introduced these online as well as translations into

The distinguished teachers are not only outstanding practitioners, but are also recognised for their scholarship and contribution to

GUEST SPEAKERS

to the Public Service Commission

and Electoral Commission. She has

been a Senior Commissioner (part-

Judge Pillay's legal acumen has

time) of the CCMA since 1996.

acknowledged, most recently

through her appointment as a

visiting Professor for the Open

University in the United Kingdom.

She has published and presented

more than 40 papers during her

been internationally

Judge likens graduates to microchips for national growth

Executive Director Corporate Relations, Ms Nomonde Mbadi with

guest speaker Judge Dhaya Pillay.

Pillay was drawn to the plight of

political detainees, specialising in

disputes arising from the various

human rights defender by the

Group in 2005.

emergency and security laws in force

at the time. She was recognised as a

Amnesty International SA Durban

industrial relations, Judge Pillay

was selected to be involved in the

drafting of key pieces of national

legislation, including the Public

new Labour Relations Act, and

Service Labour Relations Act, the

clauses of the Constitution relating

 $After \, turning \, to \, labour \, law \, and \,$

human rights and administrative law

ADDRESSING Law graduates at the University of KwaZulu-Natal defender of human rights and expert in labour law, Justice Dhayanithie Pillay, appealed to students to use their education to make a difference, no matter how

Pillay was addressing graduates at the College of Law and Management's 19 April Graduation ceremony, to which she was invited as guest speaker.

revolutionarv changes in information access and dissemination brought about by the Internet and the human rights changes brought on by the country's Constitution

She said although not every change initiated by students was likely to be quite as dramatic or effective as the internet or the Constitution, it was important to remember that every little change counted.

'You are the microchip to make South Africa grow ... the power is in your hands,' she said.

Pillay was appointed a judge of the High Court in Pietermaritzburg and Durban in 2010. Prior to this she was a judge of the Labour Court of South Africa for 10 years.

She told graduates that she never imagined that she would live in a free South Africa, but is now happy in the knowledge that "we have a government that cares for all of us". She called on graduates to help government to perfect its

Admitted as an attorney in 1982,

Learning is for life

RAYLENE CAPTAIN-HASTHIBEER

THE University of the Western Cape's Professor Shirley Walters addressed distinguished guests at UKZN's Humanities Graduation ceremony on Tuesday, 16 April on the Westville campus.

The founding Director of the Division for Lifelong Learning at the University of the Western Cape, Professor Walters has published widely on issues relating to gender popular education, community education, lifelong learning in Higher Education, learning regions and education for democracy.

Referring to a folktale often used educator and artist Dian Marino, Professor Walters illustrated that we can achieve our end-goal using different skills, understandings and

The folktale tells the story of a war general who tires of fighting battles and spends a decade at a monastery perfecting the art of monastery and, even though he had lived a peaceful life for 10 years, becomes enraged when in a near-by village he comes upon hundreds of arrows, each of which had found its mark, and had entered their targets as perfect bulls-eves.

He insists on meeting the skilled person who had expertly shot the arrows, and is surprised to discover the marksman is a little girl. She explains to the general that she would take aim at a target, let the arrow fly, and would then draw the target around the arrow once it had landed.

Concluding her address, she The tale illustrates that we can learn from one another and can wished students the best of luck, teach one another across and urged them to be the best they generations. Learning is for life-



Professor Shirley Walters.

from birth to death, and through all the transitions in between. explained Walters.

Professor Walters posed some pertinent questions to the Humanities graduates concerning the role of women in society: 'If we go into a family homestead or a community, in the towns or villages who do we see running the kitchens, the classrooms, the crèches, the clinics, the community organisations, the economic enterprises, the offices, and childheaded households? Who is mediating the violence, the pain. the illness, the food production, the

Walters explained that in many cases, girls and women are leading and ensuring the sustainability of families and communities. But society continues to reinforce the notion that we do not have many female leaders.

Congratulating the graduates, Walters said, 'I encourage you to identify yourselves as leaders for learning in your homes, your communities and your workplaces.



2013 GRADUATION THROUGH THE LENS





ACADEMIC EXCELLENCE



HONORARY DOCTORATES

HE University conferred honorary doctorates on nine leading and accomplished individuals for their outstanding contributions in the human rights, scientific, arts

and culture, social sciences, political, and academic sectors. These individuals have through their vision, humanitarian efforts, resilience, social conscience and innovation in

their respective fields, made a profound change in the lives of people both in South Africa and

Honorary degrees conferred include: Dr Ela Gandhi - Doctor of Social Science, Dr Ranjith Kally – Doctor of Literature, Professor Hugh Africa - Doctor of Education (posthumous), Dr Uche Amazigo - Dr Johnny Clegg -Doctor of Music, Dr Daisaku

Ikeda - Doctor of Social Science, Dr Mosibudi Mangena - Doctor of Science, Professor Welile Shasha-Doctor of Medicine and Dr Carl Wright - Doctor of Administration

Dr Ela Gandhi

R Ela Gandhi, who was awarded an Honorary Doctorate in Social Science from UKZN, urged academics to use their knowledge to build a humanist society informed by the philosophy of Ubuntu.

'In the days of the struggle we were guided by academics and by many philosophies which our young academics pondered over before we decided on a course of action. Then, the issues were about liberation from apartheid, building an egalitarian society, building unity, mobilising the masses. But it was the knowledge base that helped us ensure that our process of struggle was scientifically determined ... we acted on the basis of strategy and

Gandhi said although many of the same issues remain today, there is a 'scramble for scarce resources leading to violence, wars and selfishness'.

'There is chaos,' she said. 'It often seems that we are indeed walking on the path of the philosophy of the survival of

During her lifetime, Gandhi has consistently espoused the relevance her legendary grandfather Mahatma Gandhi's philosophy of non-violent action for justice, peace and development, and she has actively promoted education about non-violent methods of resolving conflict and building positive relationships between people of different races and faiths.



Honorary Graduate Ela Gandhi gets her

'I was amazed at the innovative manner in

which western instruments were thoroughly

Whereas the guitar could simply be re-tuned

and strings changed around, the concertina

buttons changed around in order to play Zulu

Witwatersrand where he worked on blending

English lyrics and Western melodies with

Zulu musical structures. South African

musical producer Hilton Rosenthal then

signed un Clegg and his musical associate

and friend, Sipho Mchunu, at a time when

there was official prejudice against mixed

had to be physically taken apart and all the

Africanised. The guitar developed from a

strumming style (ukuvamba) to a highly

sophisticated picking style (Ukupika).

Clegg's career includes lecturing

Anthropology at the University of the

music,' said Clegg.

race groups.

Dr Ranjith Kally

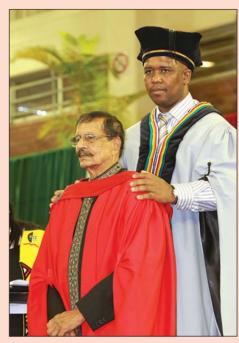
URBAN-BORN photojournalist Ranjith Kally dedicated his Honorary Doctorate in Literature to all his colleagues who may not have been recognised for their role in documenting the struggle during apartheid.

'I am humbled by the magnanimous gesture of UKZN in recognising my work over many years. This event is a culmination of my dreams and that of my community of fellow photographic journalists,' he said.

Kally, who was admitted as an Associate of the Royal Photographic Society in 1967, has been a witness and archivist of some of the most poignant moments in South African history, including the 1956 Treason Trial, the awarding of the Nobel Peace Prize to Chief Albert Luthuli in 1961, the Rivonia Trial in 1963 and the momentous resistance events of the 1970s and 1980s, including the aftermath of the Maseru Massacre

Over the years his pictures have documented the pain of forced removals, the loss of innocence associated with gangsterism, the simple life of Groutville and the everyday contradictions of racial dynamics such as two white men drinking at a local shebeen in Cato Manor, an area classified as "non-white" during the apartheid era.

His work also captured important personalities in South Africa's history, including Nelson Mandela, Oliver Tambo, Monty Naicker, Winnie Madikizela-Mandela, Billy Nair, Miriam Makeba and



Raniith Kally receives an Honorary Doctorate in Literature.

many others.

He said looking back, the leader who made the greatest impression on him was Chief Albert Luthuli. 'To me he was a true leader. The persecution that he suffered never got him to flinch. He never gave in no matter how hard the apartheid government made it. He kept his dignity and worked for peaceful change.'

Dr Uche Amazigo

TIGERIA-BASED public health specialist Dr Uche Amazigo has received an Honorary Doctor of Science degree from the University of KwaZulu-Natal in acknowledgement of her work on Onchocerciasis (River blindness). a disease that affects millions of people in sub-Saharan Africa.

River blindness is a disease transmitted by small black flies that live near fast-flowing rivers in fertile farm lands in 30 countries of sub-Saharan Africa. 'In the early1990s, 120 million Africans were at risk, with 37 million infected and 1.5 million blinded or visually impaired,' Amazigo said.

Addressing graduates, parents, University staff and other distinguished guests, Amazigo explained the challenges of tackling the disease. 'For centuries our people believed that certain

R Welile Shasha, a medical

nternationally-recognised

public health specialist, received

Medicine from his alma mater, the

University of KwaZulu-Natal, at a

Graduation ceremony held on the

Dr Shasha is currently the

at the Letsema Circle Trust, an

helps communities fortify the

a programme evaluation to

consolidate and synchronise health research in Kenya and

with local government

health system by collaborating

departments. He also conducted

served as a leading facilitator for a

Public Health course for students

from the United States, Botswana

Shasha's address centred on

Lthe radical new agenda I

aduate, Dr Carl Wright, who

see such a dynamic university

graduates present.' He urged

graduates to come together to

develop new political and social

strategies for a new global order.

respect for his commitment to

operation, for his defence of

his promotion of social and

democracy and international co-

human and labour rights, and for

the many talented young

an agenda for hope.

received a Doctor of

ceremony.

and South Africa, sponsored by

the WK Kellogg Foundation.

manager of health system reform

NGO based in East London which

an Honorary Doctorate in

Westville campus.



Honorary graduate Dr Uche Veronica Amazigo receives a Doctor of Science (honoris

bewitched rivers eat the eyes. Hundreds of villages bordering fertile agricultural land were consequently abandoned, many

the removal of apartheid, the

as the exciting role of health

professionals as change agents.

rapid rise of the disease burden.

unwise interventions, good policy

and political commitment, as well

'This University played a key

role in the process [of the removal

painful, yet exciting as we realised

Shasha explained that by the

of apartheid] in many ways. Yes,

apartheid police would chase us

around the buildings - very

the certainty of victory! Our

honey was at hand.

Constitution was then in place,

and we felt the land of milk and

time apartheid was removed, it

had already created very fertile

disease burden, especially TB and

people of child-bearing age, and

funerals are still the order of the

Dr Carl Wright

conditions for the rise of the

HIV. 'The virus killed young

day, leaving thousands of

Dr Welile Shasha

evesight Prospects for overcoming river blindness were bleak,' she said. The disease brought immeasurable personal harm as well as socioeconomic damage throughout sub-Saharan Africa.

Amazigo said it was a "distinct honour and privilege" to talk about something to which she was extremely dedicated, namely, the need to identify - and exploit to the fullest - multisectoral solutions to improve the health of all sectors of society, in particular, the health of populations, those, for whatever reasons, are ignored by, or underserved by national health services. 'When the poor in our sub-region are underserved because of unfair distribution of health system structures, human rights are violated by governments,' she said.

Buddhist lay association Soka Gakkai, of which he is President, He described Soka Gakkai members as 'striving each day to contribute to the betterment of their respective communities and countries as good citizens'. He dedicated the award to his Hiromasa Ikeda signs the honorary graduate book on

Dr Daisaku Ikeda

two mentors -- Tsunesaburo Makiguchi and Josei Toda, the founders of value-creating pedagogy, or Soka education. Ikeda shared with the audience the struggles that his mentors

underwent. Both were arrested during World War II because they held true to the principle of life's inherent sanctity in both belief and deed, openly defying the Japanese militarist regime and its suppression of freedom of thought and conscience.

Buddhist philosopher and

peace activist Dr Daisaku

Ikeda received a Doctor of Social Science (honoris causa) degree

from UKZN recently and in turn

paid homage to his mentors and

Ikeda said he received the

special honour in the spirit of

members of the international

sharing it with his fellow

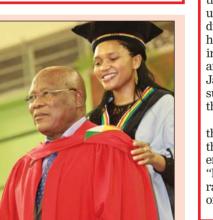
role models for his achievements

'My two mentors fought to rid the world of misery and believed that people and nations should engage in what Makiguchi termed 'humanitarian competition' rather than competing as military or economic rivals. If they were

behalf of his father Honorary Graduate Dr Daisaku Ikeda. here today, I am sure they would be enormously proud of this laurel of recognition bestowed on me from UKZN, a towering symbol of the inalienable rights and

He said he was aware that the University had fostered 'countless leaders of wisdom and courage who have devoted their lives to defending freedom, peace and the dignity of life for all,' touching briefly on the struggles of his role models Nelson Mandela, Steve Biko and Mahatma Gandhi.

equality of all human beings.'



Professor Welile Shasha received an Honorary Doctorate in Medicine at the College of **Health Sciences' Graduation** ceremonies.

He added that a third and devastating problem was unwise interventions such as employing people not suitable for the job in leadership positions, especially as heads of government

Dr Johnny Clegg

ENOWNED Anthropologist, dancer, singer and songwriter Johnny Clegg Ringer and songwriter Johnny Clegg had the UKZN audience singing along to one his traditional war songs after receiving an Honorary Doctorate in Music from the University on 16 April.

Clegg was honoured during the College of Humanities' Graduation ceremony for his sensitive and inspiring promotion of South African culture, music and history at home and abroad, and for his success in uniting South Africans and bringing pride and hope

'The tradition of street music I stumbled upon had been forged over decades of experimentation as the ebb and flow of migration to Johannesburg and Durban exposed the migrants to new ideas and formats,' he told his audience about his early



DVC for Teaching and Learning **Professor Renuka** Vithal confers the Honorary Doctorate n Music Degree to Johnny Clegg.

Professor Hugh Paul Africa

▼KZN's College of Humanities conferred a posthumous Honorary Doctorate in Education on the late Professor Hugh Paul Africa at the UKZN Graduation ceremony on 16 April.

The well-known educationist, who played a significant role in the transformation of South Africa's education system, died in November last year at the

Accepting the degree on his behalf, his wife Mrs Louise Africa described Africa as an "excellent educator" who was 'blessed with the ability to articulate with amazing eloquence'. Had he been alive, she said, he would have received his honorary degree with great pride since it was IJKZN's predecessor, the University of Natal that awarded him his Bachelor of Arts and Honours degrees in the early 60s.

'My family and I are proud that Hugh's legacy has been recognised by this University, the Institution that represents the start of his long and productive academic career,' said an emotional Mrs Louise.

She reflected on his contribution to the development of Higher Education for over 50 years and her years spent with him.

'His mother taught him that education is a greater and more reliable investment, whereas material wealth can be lost overnight. My husband took his mother's lessons to heart. He was not afraid of adventure or risk.

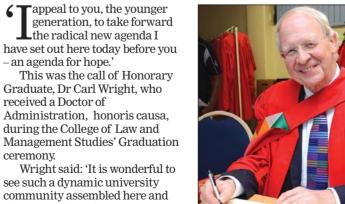
Describing their decision to leave South



Mrs Louise Africa, wife of the late Hugh Paul Africa and Professor Cheryl Potgieter, DVC Humanities.

Africa for Zambia after their marriage in January 1963, Mrs Louise said Hugh was unhappy about staying in South Africa 'to have his children labelled from birth' and chose instead to be part of the project of building free, independent countries in

Africa went on to make major and distinguished contributions to advance Higher Education, transformation and scholarship in the region.



Honorary Graduate Dr Carl Wright has earned widespread

economic development, especially in the area of public administration and local government.

As Secretary-General of the



fundamental for the achievement of a true democracy,' he said. Although primarily an administrator and policy-maker, Wright has not shied away from activism, especially in the area of labour and trade union rights. His impressive career spans policy and representational positions in

and inclusive structures, is

such bodies as the United Nations and the European Union, including the international trade union movement

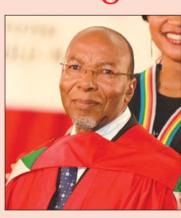
Dr Mosibudi Mangena OUTH Africa's first Minister

of Science and Technology, Dr Mosibudi Mangena, received an honorary Doctor of Science degree from UKZN in recognition of his contribution to the social upliftment of communities, service to the state, commitment to academic excellence and contribution to national and international research and development initiatives

Speaking at the College of Agriculture, Engineering and Science's Graduation ceremony on 23 April, Mangena encouraged graduates to be innovative and to dream big.

'The point is that I do not think we dream enough as a nation. Yes, we do dream a little, but nowhere near enough. And you are what you dream. No dreams, no movement, no progress,' he said.

During his term as Minister, Mangena presided over the formulation of groundbreaking policies and the introduction of initiatives which drove the national research, development and innovation agendas. His enduring achievements include the development of the South African Ten-Year Innovation Plan and the National System of Innovation Policy, the establishment of the Technology Innovation Agency, the launch of the South African Space Programme and the bid for the SKA (Square Kilometre Array).



Honorary Graduate Dr Mosibudi Mangena.

He was also involved in the commissioning of the South African Micro Satellite and the Sumbandile Sat, the development of the South African electric car. the launch of the South African Research Chairs Initiative and the programme for Centres of Excellence.

Mangena was responsible for winning and launching the African component of the International Centre for Genetic Engineering and Biotechnology. His tenure also saw the expansion of relations between the South African science and technology system and those of other countries. He chaired the SADC ministers responsible for science and technology, and the continental African Ministers' Council on Science and Technology.

WOMEN EXCEL

