

ONGOYE  
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RESTRUCTURED FOR RELEVANCE

# UNIZULU WOMEN POLKA DOTTED IN BALANCING FOR A BETTER SOCIETY



UNIVERSITY OF  
ZULULAND



Human Movement Science



Taking Agriculture to the centre stage.



Intellectual Property as a Tool for Impactful Innovation



Life Orientation Teachers are Community Builders



#ShoutOuts



UNIZULU Vice Chancellor Professor Mtose with the key note speaker Dr Judy Dlamini at the event.

The University joined the country and the rest of the world to celebrate and salute women with this year's global theme #BalanceForBetter. Our South African version "25 Years of Democracy: Growing South Africa Together for Women's Emancipation." 2019 Women's Day celebration coincides with the 65th anniversary of the Women's Charter. This year's celebration was held on August 14 at the iconic University's King Bhekuzulu hall and was attended by over 600 phenomenal Women who contribute to make UNIZULU, our country, our world a better place through academics, business innovations and community engagement.)

Women's day is the celebration of respect, appreciation, love and care towards women in the society. The University acknowledges the great strides since the advent of democracy to advance and affirm women as part of building a non-racial, non-sexist, prosperous and united country. At UNIZULU we have no shortage of women who are Deans or Deputy Deans, Vice Chancellors or Directors. UNIZULU women are performing ground breaking research, women who are changing

how we view education, women who are succeeding academically on the national as well as global stage.

The University Vice-Chancellor, Professor Xoliswa Mtose is committed in providing support to the UNIZULU community by abolishing patriarchy which leads to gender discrimination. "The University continues to be committed to the empowerment and development of all women - in all aspects of academia. We honour the sacrifices women have made, and celebrate the strides they have taken. We know that women can do anything they set their minds to. They already push at the frontiers of knowledge, educate the next generation, and constantly improve the society in which we find ourselves" she said.

This year's keynote speaker for the Women's day event was the Chancellor of Wits University Dr Judy Dlamini she talked to the 2019 International Women's day theme which is #BalanceForBetter. She shared that when she was younger not much emphasis was placed on self, loving yourself and taking

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care of yourself. Women were there to serve others, sometimes at the expense of their wellbeing. House chores were hardly shared, a professional nurse leaving work at 7pm, still had to get home and cook for the spouse who left work at 5pm.

She reiterated that Balance for better starts with oneself, taking care of yourself, loving yourself unconditionally and never giving up on yourself and your dreams. "Good health is a starting point, you are what you eat, keeping a healthy weight saves you from obesity related disease, exercise helps you to manage stress, a good 8-hour sleep is priceless and cannot be substituted. As women we need to create "me time" as a matter of habit. Like Oprah says, "you can't give from an

empty cup". Balance me time with time for work, time for loved ones and time for your community. Each one of us in this room is privileged and we owe it to the generations that follow to eradicate inequality by giving back to the communities that we come from, give of our time, of our knowledge and where possible of our finances. Madiba said while poverty persists, there's no true freedom. As the most unequal country in the world, balance for better will remain elusive while we have imbalance in resource allocation", Dr Dlamini alluded.

The mood for the day was jovial as women were treated to various delicacies, good music, laughter and given befitting gifts for the occasion.

– Gcina Nhleko

## EDITOR'S NOTE

The month of August as usual mark the start of the peak period as evidenced by various conference and ongoing robust conversation. In the University Calendar there are a number of highlights and achievements that are marked. The significant holiday which



**Gcina Nhleko**  
Director: Communications  
and Marketing

is commemorated nationally. Women's Day is also recognised by the University as it continues to be committed to the empowerment and development of all women - in all aspects of academia. The University honour the sacrifices women have made, and celebrate the strides they have taken.

This year's keynote speaker is the widely respected Chancellor of Wits University, Dr Judy Dlamini whose talk for the day was centred on Thriving with gender parity: The empowerment of women is good for the balance sheet, but it requires a balancing act.

On Friday, 16 August 2019 the University of Zululand hosted a successful Life Orientation Teachers seminar at the Amajuba district in Newcastle. A total number of 78 educators attended the event from the district.

The keynote address was delivered by Nokuthula Ndaba from the faculty of Education on the topic entitled: "The role of the Life Orientation Teacher". The teachers commented that the seminar was extremely insightful, informative and inspirational. The presentations were delivered by representatives from all four academic faculties and support departments, Financial Aid Bureau and Student Services.

Professor Addison gave her Professorial Inaugural Lecture entitled: CONFESSIONS OF A FORMALIST: A DEFENCE OF CLOSE READING IN AN AGE OF HISTORICISM. Inaugural lectures are a central part of university academic life. They provide a platform for the academic to present the body of research that they have been focusing on during their career, while also giving UNIZULU the opportunity to showcase its academics and share its research outputs with members of the wider university community and the general public in an accessible way.

We look forward to the upcoming conferences, seminars, workshops from various faculties including the Research Week that is scheduled to take place from 09-13 September.

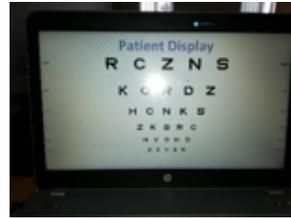
## HUMAN MOVEMENT SCIENCE



Batak Pro™



Fit Lights™



Nevada Cloud™ Software™

The Department of Human Movement Science under the Faculty of Science and Agriculture produced 4 doctorate degrees on May 2019. The department now prides itself with an incredible staff profile of 7 staff members with their PhDs. This staff profile marks the department among the best in the country and will attract a number of students from all over the world.

Furthermore, the prominent professors within the department Prof. Brandon Shaw and Prof. Ina Shaw are working on a project relating to the physical conditioning of Alzheimer's patients with the Physical Activity and Wellness Laboratory, Department of Kinesiology and Sport Sciences, University of Nebraska in the United States of America.

Human Movement Science department is the front-runner in providing education for the Human Movement Science students in the KwaDlangezwa campus. Mainly focused on ensuring students develop the skills required to help them excel in their careers in the field and also be able to adjust in new trends as they develop.

Lourens Millard is a lecturer at the Department of Human Movement Studies, University of Zululand and is presently studying towards his PhD under the supervision of Prof. Brandon Shaw and Prof. Ina Shaw. For his study, he will be comparing the Visio-spatial intelligence (VSI) of premier league, first division rugby players and non-athletes in the development of a sport-specific VSI test battery. This topic came about as a result of his love for sport (especially rugby) and the recent discovery of VSI. He is working towards becoming an expert in the field of perceptual motor development in sport, with specific focus on the vision and decision making of elite athletes.

A state-of-the-art Visio-Spatial Intelligence (VSI) Laboratory has just been set-up at the University of Zululand Richards Bay campus by Lourens Millard and his PhD supervisors, Prof. Brandon Shaw and Prof. Ina Shaw. This unique laboratory is equipped with a Batak Pro™, which is a perceptual motor development machine that aids in testing and training different visual skills of people. The laboratory also contains Fit Lights™, which are lights that provide visual stimuli, and then captures the speed at which people make decisions using their eyes. Various charts have been set up in the laboratory to assist with testing specific visual skills. The latest highly sought-after acquisition, is software from Nevada Cloud™, which tests a person's visual hardware, such as visual acuity.

There has been a large amount of research conducted on how to test and improve player's physical attributes. However, these days' players are mostly on the same level once they reach the upper echelons of their respective sports, so any advantage no matter how small could mean the difference between winning and losing. So the question that was raised is, what is the difference between a good and a great player? These researchers argue that vision could make a difference, Millard and his supervisors have created a visual and decision making test battery that will be used to measure rugby players' VSI, and may also serve as a gauge for identifying talent. The researchers hope to one-day adapt it for the use of younger children, to aid them in improving some of their fundamental movement skills and hopefully help them achieve their dreams playing for the national team.

– Precious Shamase

# TAKING AGRICULTURE TO THE CENTRE STAGE



Dr Nozipho Motsa.

A global analysis of gender gap in research particular in Science, Technology, Engineering and Mathematics (STEM) fields has revealed that it is still a challenge across the globe to get more women established into these careers according to the United Nations Educational Scientific and Cultural Organisation (UNESCO).

However, Dr Nozipho Motsa from the Department of Agriculture in the Faculty of Science and Agriculture at the University of Zululand (UNIZULU) is an exception to the status quo. Dr Motsa is a Crop Scientist who specialises in Agronomy and Physiology. A role that saw her get invited to a training workshop by the Department of International Relations and Cooperation (DIRCO) in partnership with the Academy of Science of South Africa (ASSAf) to nurture South African Diplomats and exceptional Scientists. This training workshop focused on strengthening skills in Science, Technology and Innovation; Leadership, Diplomacy and Negotiation.

Dr Motsa's scientific expertise and negotiation skills were instrumental in drafting the constitution for the launch of the Kingdom of eSwatini Academy of Science in December 2018. "It is an honour to be acknowledged and recognised for your work by

your peers, even more so by your country of birth eSwatini and in South Africa. And then, to be called to serve these countries in the upliftment of the community is an even higher accolade," said a beaming Dr Motsa.

Described by her peers as a scientist who is an avidly prepared researcher who, presents her research findings in an honest and concise manner. Due to this attitude of professionalism, she was invited to participate as a panellist at the International Development Research Centre (IDRC) in celebrating International Women's day under the theme "Is Innovation Sexist", in Ottawa, Canada in 2017.

In the same year, Dr Motsa was nominated by the National Science and Technology Forum (NTSF) in the NSTF South32 category for her contribution in creating the Amaranthus Biscuit which is a joint collaboration with UNIZULU's Department of Agriculture and the Department of Consumer Science. Dr Motsa was instrumental in sourcing funding for the production of the Amaranthus biscuit which, is funded by the Department of Economic Development, Tourism and Environmental Affairs (EDTEA) South Africa.

Her accolades are just as impressive as her career path, Dr Motsa is a member of the Southern African Research and Innovation Management Association (SARIMA), also a member of the Organization for Women in Science from Developing Worlds (OWSD). She served in the Comprehensive Africa Agriculture Development Programme (CAADP) country team representing Swaziland which is New Economic Partnership for Africa's Development (NEPAD) initiative, that strives to assist African states in the fight to eliminate hunger and rapidly reduce poverty, through proper agricultural practises. Dr Motsa's achievements have not over-shadowed her passions for community engagement initiatives. Currently, she and the Department of Consumer Sciences assist local farmers with cooperatives in finding suitable solutions to problems they face from crop yielding, production of "products" and in obtaining Intellectual Property rights etc. Presently, Dr Motsa is supervising eight Master's students at UNIZULU, two students from the University of KwaZulu Natal (UKZN), two PhD students, one at UNIZULU and the other from UKZN. Dr Motsa has successfully supervised over 40 BSc honours graduates. Her mentorship philosophy is to guide the young researchers throughout the research process; to provide a balanced theoretical and practical approach so that, they can develop into critical thinking researchers whose research can benefit the community.

- Hlumelo Nyikana

# INTELLECTUAL PROPERTY AS A TOOL FOR IMPACTFUL INNOVATION



From left to right: DTI's Ms Nontombi Marule, NIPMO's Ms Mantwa Kgarube, TIA Dr Xolisa Malemane and from UNIZULU's Research & Innovation unit Ms Nomnikelo Lundall.

Comprehending the multiple layers of Intellectual Property (IP) is a key element to the success of any budding innovator/creative or start-up enterprise.

This was the understanding during the recent IP workshop held by the University of Zululand's (UNIZULU) IP Unit at the KwaDlangezwa Campus. The one-day event was organised in partnership with the National Intellectual Property Management Office (NIPMO), Department of Trade and Industry (DTI) and Technology Innovation Agency (TIA) with the aim of revealing the various ways in which IP can be exploited to promote innovation while also creating value.

In three sessions, delegates from the partner organisers unpacked the strategies and necessary tools for effective IP management, elaborated on the commercialisation of IP assets and, lastly, shone the spotlight on innovation in the agricultural sector and the ways to create channels to reach markets.

According to Nomnikelo Lundall from the UNIZULU Research and Innovation Unit, South Africa is moving towards a knowledge-based economy in which the production and dissemination of knowledge leads to economic growth. Hence, the role of the University as a

teaching and learning institution which includes conducting research. The university aims to integrate innovation as the foundation of a knowledge-based economy. Hence, the establishment of a Technology Transfer Unit with Research & Innovation at its helm at UNIZULU.

NIPMO's Deputy Director, Fund Administration Ms Mantwa Kgarube presentation covered "Strategies and Tools for Effective Intellectual Property Management with specific reference to the South African IPR Act of 2008.

Ms Nontombi Marule from DTI gave an overview of different routes to commercialise IP driven technologies in the South African context.

Portfolio Manager in Agriculture from TIA Dr Xolisa Malemane outlined the various ways of Creating Value from IP specifically regarding innovation in the Agro-Sector and Creating Channels to Market.

Lundall strongly believes that if IP driven innovation is well managed and commercialised, it can have huge economic advantages as it can be used as a powerful and strategic business tool.

– Naledi Hlefane & Hlumelo Nyikana

## LIFE ORIENTATION

# TEACHERS ARE COMMUNITY BUILDERS

Being considerate of the challenges teachers face as well as teacher capacities, roles and responsibilities, the University of Zululand (UNIZULU) recently held its informative 3rd Annual Life Orientation Educators Seminar with the view of developing and supporting an effective teaching force in the country.

The invitation was extended to schools from in and around the Amajuba District Municipality.

The programme included presentations by UNIZULU experts in various academic fields. The presenters included Prof Antonia Nzama of the Faculty of Arts, Prof Unathi Kolanisi from the Faculty of Science and Agriculture as well as Prof Maria Mabusela from the Faculty of Education, among others.

In her keynote address, Nokuthula Ndaba, from UNIZULU's Student Teaching Practicum, indicated that career planning is even more imperative as the market place is demanding more refined skills that are associated with the fourth industrial revolution. "Career planning is even more demanding, as the market is changing and we need to bridge the gap between institutions and high schools". She further said, "to be able to merge the economic and educational needs of the country, and refine skills that are associated with the fourth industrial revolution."

She added that teaching is a noble profession that needs a noble character to be able to fulfil the obligation of maintaining good morals and working ethics in the education space. "A noble character needs the following as an educator: it needs you to be honest, truthful, righteousness and upright. You can't be a Life Orientation teacher that is found wanting when it comes to morals, you need to be virtues, ethical and honourable," Ndaba urged.

Amajuba Education District Representative, Reggie Khuzwayo said: "UNIZULU is heading in the right direction in engaging Life Orientation teachers from the district as it has been maintaining number one district in the province of KwaZulu-Natal in terms of matric pass rate. I am grateful for the relationship between the Department of Education and UNIZULU."



Nokuthula Ndaba from UNIZULU's Student Teaching Practicum delivering her keynote address during the recent Life Orientation Educators Seminar held in Newcastle, KwaZulu-Natal.

Overall the seminar was a huge success with teachers gaining more information about career opportunities that are offered at UNIZULU for their learners. This information will help teachers offer comprehensive guidance to learners and their parents about alternative career paths and opportunities.

– Siyanda Mntambo

# #SHOUTOUTS

UNIZULU prides itself with some of its pool of committed employees, aka UNIZULU Jewels. The members of staff that work tirelessly every day.

This includes employees who work diligently, the ones that work overtime including working on weekends and sometimes on public holidays. *Ongoye Online* sends its admiration on this #Shoutouts page, to some of these staff members and below is what their colleagues had to say about them.



“Mr Moyahabo Molefe is always accessible specifically when it’s come to students. He’s very interactive with the them. He always ensures that whenever a student gets in his office, the student leaves the office with all the necessary assistance provided. That is one of the things I admire about him. He is very dedicated and committed to his job. He is always here in the department working during weekends. He goes an extra mile for the students.”



Mr Moyahabo Molefe  
Department of  
Communication Science.

– **Thabo Godfrey Mokgosi, Programme Co-Ordinator of the Department of Public Relations (Richards Bay Campus).**

“I admire Mrs Zelda Stipp who is a Lab technician. She’s responsible for organising all the equipment, ingredients, liaising with the suppliers. Our department involves a huge practical component that includes a kitchen. Stipp manages the kitchen and makes sure that everything is in good working order, from cleanliness to proper running order she is just on top of things. With her, it is just difficult to point out one thing. She works perfectly well with the suppliers as well as students. An all-rounder She is the first to arrive morning. She contributes greatly to our department.”



Mrs Zelda Stipp  
Lab Technician: Department  
of Consumer Sciences  
(Richards Bay Campus).

– **Joyce Benade, Programme Co-Ordinator/Lecturer of the Department of Consumer Sciences: Hospitality Management (Richards Bay Campus).**

“(Shout out to) Professor Mark Livingstone. I admire him because of his attitude. As one of the young HOD delegating tasks to older colleagues can be a challenge but Prof Livingstone always responds to whatever task which is assigned to him. And what I like the most about him is that he sticks to deadlines. He is committed and he always play a significant role in the department. He cares about the wellbeing of his colleagues. He is always there whenever one needs assistance. Although he is a professor, he is very humble and approachable. You can ask him to do anything in the department and he does it. He is server at heart.”



Prof Mark Livingstone.

– **Spehelele Khomo, Head of the Department of Accounting and Auditing.**

“Paul Tarwyreyi is a lecturer in the Department of Computer Science. He is someone that is always willing to take any task. He gives his all when it comes to his work. For example, even if I am invited to multiple meetings which happen to take place at the same time and I can’t make it to one of the meetings he is the guy that if I nominate, he just kindly takes over that task. And in instances like that, anyone would just say no you didn’t consult with me on time, so I cannot make it. But with him, he is very reliable. He is the man you can count on”



Mr Paul Tarwyreyi Lecture  
Department of Computer  
Science.

– **Professor Matthew Olusegun Adigun, the Head of the Department of Computer Science.**

– Samkele Sokhela