



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

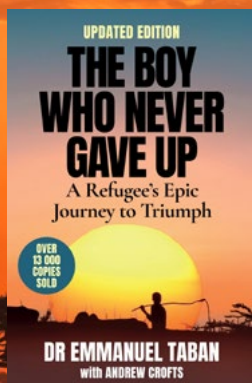
jT News

JuniorTukkie

September 2022 Edition



Make today matter



Dr Emmanuel Taban: His journey from childhood in war-torn Sudan to becoming a respected pulmonologist

Emmanuel Taban was raised by his mother, a single parent, in Juba in South Sudan. As a child he witnessed the effects of civil war and at the age of 16 he was arrested and falsely accused of being a rebel spy. He spent six months in a notorious prison, where he was tortured.

After his release he embarked on a journey across Africa, mainly on foot, sleeping on the streets and relying on the kindness of strangers for food. During this time his family had no idea where he was. He eventually reached Johannesburg in 1995 and appealed for assistance to a Catholic organisation, which supported him while he completed his schooling. He received a scholarship to study medicine at Medunsa and also enrolled for postgraduate studies at the University of Pretoria.

During the COVID-19 pandemic his knowledge as a lung specialist saved many lives.

In his book titled, *The boy who never gave up*, he relates to the extremely challenging circumstances he had to endure on his life journey. He knew from a young age that the only way he could rise out of poverty was through education, and he was determined to succeed in order to improve the economic circumstances of his family. To this day he pursues excellence in all he does.

The Emmanuel Taban Foundation

Dr Emmanuel Taban is a strong advocate for the values of hard work, honesty, integrity and excellence. He believes that effort, applied consistently, will always yield results. Together with his wife, Motheo Phalatse-Taban, he established The Emmanuel Taban Foundation to positively impact society by supporting the education and skills development of young people at secondary school level, thereby enabling them to reach their full potential through access to better quality education.

South Africa and Africa in general has a critical skills shortage, especially among the youth. The Foundation focuses on building networks and expanding collaborations with individuals and organisations who share their vision.

Dr Emmanuel Taban was the keynote speaker at the two JT Grade 11 Top Achiever events held on 28 and 29 July 2022 and his message to the youth was: 'Never give up on your dreams! Cultivate a child-like fearlessness when pursuing your goals. The three most important life principles that underpin my life philosophy are passion, determination and consistency. I want to impart these values to the youth of Africa, so that they too can reach their full potential.'

Inside this issue:

JuniorTukkie

- Dr Emmanuel Taban
- JuniorTukkie Grade 11 Top Achievers Event

Engineering, Built Environment and Information Technology

- EBIT celebrates women and their leadership in the faculty
- Society 5.0
- Regenerative cities

Health Sciences

- Occupational therapy and physiotherapy
- Radiographers
- Diagnostic radiology
- Celebrating International Day of Action for Women's Health

Humanities

- Sub-Saharan Africa strategy at Future Africa

Law

- BA (Law), BCom (Law) or straightforward four-year LLB degree

Natural and Agricultural Sciences

- The grass could be greener within our city walls
- Cognitive geomatics project kicks off

Department of Enrolment and Student Administration

- Specialist Senior Student Advisors

Veterinary Science

- Faculty of Veterinary Science helps small-scale farmers
- UP Vet Books for Africa

Theology and Religion

- #TalkAboutHer outreach

TuksSport

- Charné Griesel
- Pieter Coetzé
- Jovan van Vuuren
- Zeney Van der Walt
- Benjamin Richardson

UP Residences

- House Mags
- Madelief

About JuniorTukkie



Contact information The Emmanuel Taban Foundation | Tel +27 (0)82 3798 370
Email info@emmanueltabanfoundation.org
Website www.emmanueltabanfoundation.org/junior-tukkie-grade-11-top-achievers-function/

JuniorTukkie Grade 11 Top Achievers Event

By Neo Makhubedu



On 28 and 29 July, the JuniorTukkie Office hosted the Grade 11 Top Achievers Function at the University of Pretoria to prepare learners for university studies and to showcase the programmes offered by the University's nine faculties.

The approximately 800 attendees welcomed over the two days included: educators, JuniorTukkie members and Grade 11 Top achievers, mainly from Pretoria, Johannesburg, North-West, Mpumalanga, the Free State, Limpopo and KwaZulu-Natal.

On both days the visitors started arriving at the Rautenbach Hall from 07:30 to visit the faculty exhibition stalls, and by 09:45 they were seated in the Aula for the presentations.

The Programme Director, Lele Tlhokoe, opened the programme, which included:

- A motivational speech by the well-known pulmonologist, Dr Emmanuel Taban

- A contribution by Mr Steven Ball, Director: TuksSport
- Music items by students from residences (Sonop, Ukuthula, Madelif and Zinnia)
- A reminder of the UP School Leaders Conference 2022, presented by Dr Pieter Clase, Senior Assistant Director: Institutional Recruitment
- A presentation on 'What is JuniorTukkie (JT) all about?' presented by Dr Petrus Lombard, Manager: Undergraduate Recruitment
- Group photo by Eyescape Studios
- Lunch
- A campus tour

Thanks to the efforts of the JT staff, and valuable contributions by the faculties and professional service departments, the event was a huge success. On behalf of the JuniorTukkie Office we would like to wish the Grade 11 learners all the best with their examinations and preparation for university studies.

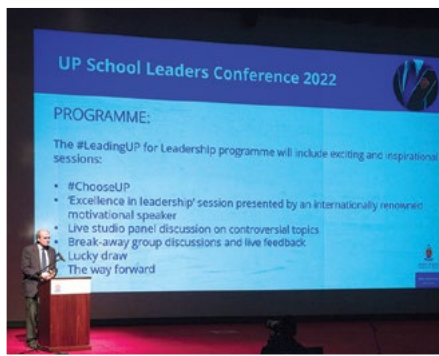
Anyone needing study and career advice is invited to send an email to carol.bosch@up.ac.za to make an appointment with a Student Advisor.



↑ University of Pretoria visit



↑ Campus tour



⬆ A reminder of the UP School Leaders Conference 2022, presented by Dr Pieter Clase



⬆ The Programme Director, Lele Tlhokoe



⬆ Grade 11 learners in front of the Zoology Building



⬆ JuniorTukkie Student Ambassadors packing goodie packs

⬆ Grade 11 learners in front of the Old Arts Building



⬆ Presentations in the Aula

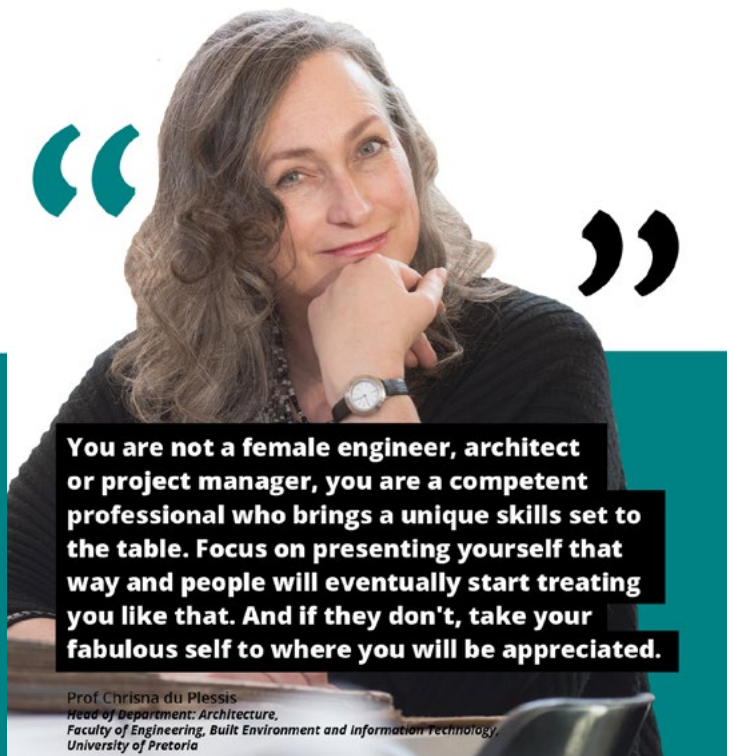


EBIT celebrates women and their leadership in the faculty



ALWAYS SET GOALS IN YOUR LIFE, IT GIVES YOU GUIDANCE ON WHERE YOUR PATH SHOULD LEAD.

Prof Alta van der Merwe
Deputy Dean: Teaching and Learning,
Faculty of Engineering, Built Environment and Information Technology,
University of Pretoria



You are not a female engineer, architect or project manager, you are a competent professional who brings a unique skills set to the table. Focus on presenting yourself that way and people will eventually start treating you like that. And if they don't, take your fabulous self to where you will be appreciated.

Prof Chrisna du Plessis
Head of Department: Architecture,
Faculty of Engineering, Built Environment and Information Technology,
University of Pretoria

Society 5.0

By Prof Alta van der Merwe
(Deputy Dean: Teaching and Learning)

We live in exciting times that present us with numerous innovations and opportunities. However, as a society we also face many challenges. In this era of challenges and opportunities, a new concept is emerging: Society 5.0. This refers to a society that will not only bring about economic advancement, but will also be able to resolve society's problems by merging cyberspace with the physical space, eliminating both the challenges related to location and the inequalities brought about by age, gender and language.

Education in Society 5.0 faces many challenges, the most pertinent being that, although the underpinning foundation is to do things for the greater good, special care should be taken to ensure that solutions do not create new problems. The Faculty of Engineering, Built Environment and Information Technology (EBIT) at the University of Pretoria seeks to embrace new challenges in its teaching and learning activities.

Innovate magazine

issuu.com/universityofpretoria/docs/innovate_16_2021_web

Email alta.vdmerwe@up.ac.za | Website www.up.ac.za/ebit



Society 5.0 and humanising technology

By Prof Hanlie Smuts (Head of the Department of Informatics)

We live in a computing society in which digitalisation and technology are integrated into everyday activities.

These include functions such as banking, shopping, consuming news, engaging with friends and family, and utilising chatbot service agents and smart home applications. Society 5.0 is a human-centred society that envisages humans, nature, economic advancement and technology creating a sustainable balance for social good through a system that optimally integrates cyberspace and physical space. However, such a cyber-physical system raises significant issues

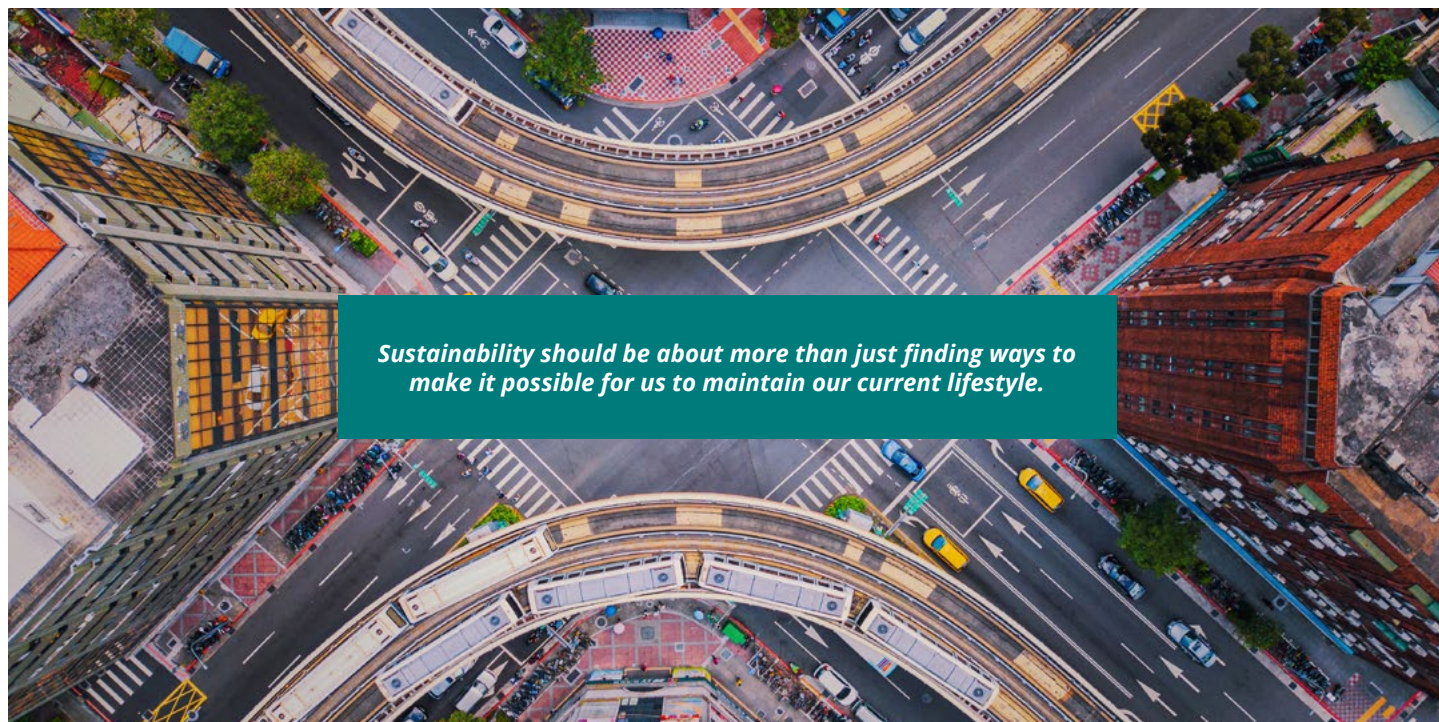
around ethics, morals and regulations, and questions what is known as the 'social good'. In this regard, researchers from the Faculty of Engineering, Built Environment and Information Technology (EBIT) at the University of Pretoria argue that when we design technology, our foremost responsibility should be to ensure that it is better for humans, and better at interacting with humans.

Read the full article here:

www.issuu.com/universityofpretoria/docs/innovate_16_2021_web

Regenerative cities

By Prof Chrisna du Plessis (HOD, Department of Architecture)



Sustainability should be about more than just finding ways to make it possible for us to maintain our current lifestyle.

The School for the Built Environment, housed in the Faculty of Engineering, Built Environment and Information Technology (EBIT) at the University of Pretoria, takes a holistic view of spatial development.

In this regard, our researchers consider sustainability to be more than just finding ways that allow us to continue our current lifestyle. Regenerative design strives for a future in which human civilisation will evolve as one part of nature that is following its own laws of circularity.

The shift to regenerative thinking is not only about the how, but also, and perhaps more importantly, about the why. Regenerative development has been defined as an

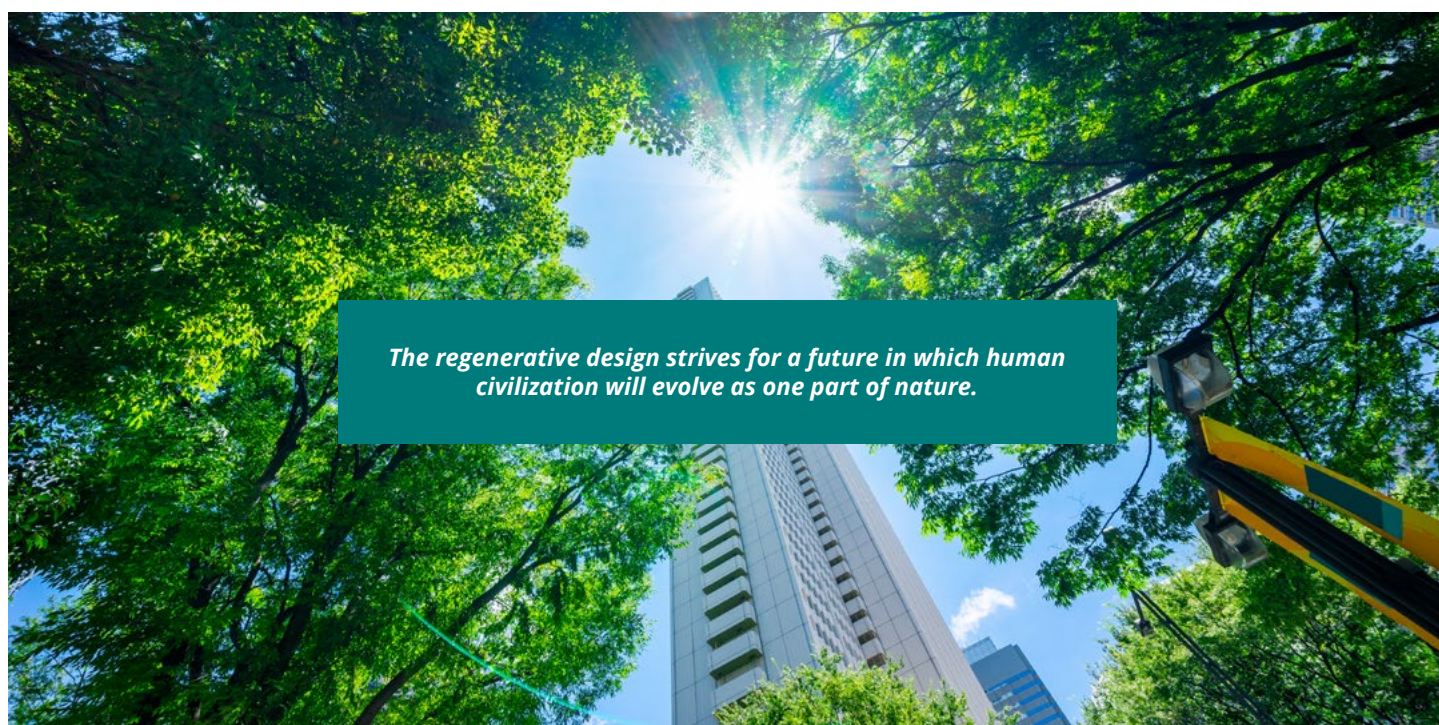
approach that is about enhancing the ability of living beings (and systems) to co-evolve, so that our planet can continue to express its potential for diversity, complexity and creativity.

Contact information

Prof Chrisna du Plessis

Email chrisna.duplessis@up.ac.za

Website www.up.ac.za/architecture



The regenerative design strives for a future in which human civilization will evolve as one part of nature.

What is the difference between occupational therapy and physiotherapy?

By Cassidy Blackbeard (final-year occupational therapy student) and Nthabiseng Phalatse (lecturer)

Occupational therapy and physiotherapy are health professions that specialise in rendering rehabilitation services. Although in some respects these two professions are similar, there are distinct differences between the approaches and skills they use when assessing and treating clients.

Occupational therapy (OT) is defined by the World Federation for Occupational Therapists (WFOT) as a 'client-centred health profession concerned with promoting health and well-being through occupation'. The main focus of OT is to enable clients to engage in daily life activities that are meaningful and purposeful. This is achieved by enhancing or restoring their abilities, modifying tasks and modifying their environments for optimum engagement in activities.

The role of physiotherapy (PT) is defined by the World Confederation for Physical Therapy (WCPT) as 'to develop, maintain and restore maximum movement and functional ability throughout the lifespan'. It is embedded in the primary belief that movement is an essential element for health

and well-being, and the main goal of PT is to restore functional movement.

The difference between the two professions is that occupational therapists (OTs) focus on assisting clients with resuming their occupations or daily life activities, while physiotherapists (PTs) focus on restoring functional movement. According to a final-year PT student, 'physiotherapy is focused more on gross motor and larger movements, whereas in occupational therapy the focus is on fine motor movements'.

Occupational therapists have in-depth knowledge of mental health issues and are equipped to assess and treat clients experiencing mental health problems, while PTs focus on the physical well-being of their clients. Although PT students do learn about the different psychiatric disorders, that knowledge is not applied during treatment.

Occupational therapists also offer psychotherapy, behavioural programmes, group work and counselling sessions, and often work together with PTs to give their clients the best possible therapy and the best possible result with regard to their functioning and participation in occupations.

Occupational therapists are experts in vocational rehabilitation, aimed at: enabling people to return to work; the assessment

and treatment of children with learning and behavioural difficulties; and providing wheelchair and buggy seating services to correct posture in persons with severe physical disabilities/deformities while promoting functional mobility. In contrast, PTs have more expertise in treating musculoskeletal injuries, respiratory care and electrotherapy. They use gross motor movements that involve movements of large muscles of the limbs and the torso to achieve the performance of daily functions such as sitting and walking, whereas OTs focus on the strengthening of fine motor movements to enhance participation in daily tasks, such as dressing, making a sandwich or writing.

You can study a Bachelor of Occupational Therapy (BOT) or a Bachelor of Physiotherapy (BPhysio) at the Faculty of Health Sciences, University of Pretoria. Both degrees are based within the School of Healthcare Sciences. Visit www.up.ac.za/media/shared/132/ug-faculty-brochure-health-sciences-2022.zp198762.pdf for more information about each of these health professions.

Contact information

Nthabiseng Phalatse

Tel +27 (0)12 356 3221

Email nthabiseng.ramodisa@up.ac.za



Radiographers: Creating images and saving lives

By Mrs H Essop and Dr M Kekana

Have you ever wondered who produces the radiographic images seen in some medical television series, newspapers or magazines?

The answer is: radiographers from a radiography department! Radiography, often mistakenly thought of as a profession linked to a radio station, is in fact a health profession. You can become a radiographer by studying towards a Bachelor of Radiography (Diagnostics) degree at the University of Pretoria. This programme is hosted by the School of Healthcare Sciences, within the Faculty of Health Sciences.

Students enrolled for a degree in diagnostic radiography complete a four-year programme with opportunities to enrol for master's and doctoral studies in diagnostics, radiation therapy and nuclear medicine (a specialisation in ultrasound is soon to come). The other radiography disciplines include ultrasound, radiation therapy and nuclear medicine. Diagnostic radiography entails operating medical equipment to produce an image that is used to help diagnose a patient's condition. Radiographers work hand-in-hand with radiologists,

who interpret the images and provide a radiological report to the referring clinician. Examples of medical equipment used by radiographers include general x-ray, fluoroscopy, computed tomography (CT) and magnetic resonance imaging (MRI) machines. Radiographers are also part of the theatre team, as they provide live screening for orthopaedic, angiographic, gastric and urological cases.

To enable radiographers to accurately image different patient conditions, they receive holistic training, which, in addition to the core radiography modules, also includes modules in physics, anatomy and physiology. The future radiographer can expect to be at the forefront of a rapidly advancing imaging technology era during which human anatomy will be presented and pathology will be identified as never seen before.

This has been accelerated through research in radiography, which will ultimately improve patient care. However, what remains is the humanistic approach in radiography, whereby radiographers must embody genuine passion for helping people, giving their time and dedication to the service of others.



For more information on the degree programme and entrance requirements, follow the link provided below:

www.up.ac.za/media/shared/132/ug-faculty-brochure-health-sciences-2022.zp198762.pdf

Tel +27 (0)12 356 3211 | **Email** hafsa.essop@up.ac.za | **Website** www.up.ac.za/radiography

Diagnostic radiology, imaging and interventional radiology

By Zarina Lockhat

Diagnostic radiology is also referred to as diagnostic imaging and radio diagnosis. This field encompasses mainly the use of medical equipment utilising radiation for examining patients to obtain images such as X-rays (conventional radiography), mammograms, CT scans and fluoroscopic images. Non-radiation equipment is, however, also used, depending on the diagnostic purpose of the imaging, and the practitioner's aim to minimise a patient's exposure to radiation during diagnostic procedures. Non-radiation equipment includes ultrasound equipment, which utilises sound waves, and magnetic resonance imaging (MRI), which works with electromagnetic fields.

To qualify as a radiologist, a person has to first complete an MBChB degree to qualify as a medical doctor, and thereafter pursue registrar training for four to five years, depending on the

academic institution. The Faculty of Health Sciences, University of Pretoria offers both degrees. All aspects of imaging of general medicine and sub-specialty medicine are covered in the postgraduate radiology syllabus.

A day in the life of a radiologist includes analysing, interpreting imaging studies and reporting the findings.

- Interventional radiologists may, as part of clinical management, perform procedures that are minimally invasive.
- In contrast, a radiographer is trained to operate medical equipment to obtain images that are then analysed, interpreted and reported on.

For more information about studying an MBChB at the Faculty of Health Sciences, University of Pretoria, click on the link:

www.up.ac.za/media/shared/368/Faculty%20Brochures/2023/ug-fb-health-sciences-2023-final-pdf-08.12.2021.zp213728.pdf

For more information on specialising in radiology at the Faculty of Health Sciences, University of Pretoria, click on the link:

www.up.ac.za/radiology/article/41810/registrar-training

Tel +27 (0)12 354 2406 | **Email** zarina.lockhat@up.ac.za | **Website** www.up.ac.za/health-sciences

Celebrating International Day of Action for Women's Health

By Phumudzo Tshiambara and Marni Claassen

The International Day of Action for Women's Health is celebrated annually on 28 May and this year—as part of the *Community Nutrition* internship module—the final-year BDietetics students who were in the community nutrition block in Daspoort Poli-Clinic, the Laudium Community Health Centre (CHC) and Stanza Bopape CHC from 18 May to 2 July 2022 worked together to ensure that the day was celebrated in a fitting way. The students, Marni Claassen (group leader), Zandile Jiyane, Koketso Mokhondo, Gaopaleloe Mokoena, Chezelle Roscher, Zakira Singh, Yolanda Raphahla, Nikola Jinker, Liesl Hartley and Sonja Strauss, supervised by Ms Phumudzo Tshiambara, worked as a team to celebrate this day with one common goal in mind: to take care of the carers.

Women are the carers in the home, but their own well-being is often overlooked. Therefore, on 30 May 2022, the dietetics students—in collaboration with nursing and biokinetics students from the Faculty of Health Sciences, University of Pretoria—hosted a health awareness day at the Stanza Bopape CHC to celebrate women and emphasise the various aspects that contribute to a healthy and balanced lifestyle.

Sources of information, such as posters and brochures, were developed by the BDietetics students with input from the Departments of Physiotherapy (physical activity), Occupational Therapy (mental health) and Family Planning and Reproductive Health at the Faculty of Health Sciences, University of Pretoria.

Activities on the day included measuring the weight and height of mothers at the first station in order to determine Body Mass Index (BMI). As part of nutritional screening, the results were discussed and advice was

shared with the mothers. At the second station ("Healthy Eating") the preparation of a healthy dish (Pilchard Shakshuka) was demonstrated using locally available and cost-effective products.

The recipe was included in a brochure, which was distributed to all participants. The demonstration was followed by a talk on mental health awareness, during which the importance of healthy eating habits was emphasised. The day's activities ended with an interactive exercise session facilitated by the biokinetics students, with pregnant mothers, students, nurses and Ward-based Outreach Team (WBOT) members participating.

The women who attended the day's activities were mainly from the WBOT and the school health team, health promoters and patients at the Stanza Bopape CHC. The day, planned and facilitated by the BDietetics community nutrition internship students (supervised by Ms P Tshiambara), was a remarkable success. Women from the surrounding communities were targeted in order to raise awareness around all aspects of women's health within the local communities.

Women in today's society are expected to play many roles and assume many responsibilities, celebrating this day emphasised what the women in our society mean to us and granted them an opportunity to experience being taken care of by someone else for a change. Thanks to the contributions of the many stakeholders, the day's activities were effectively presented.

Contact information

Phumudzo Tshiambara

Tel +27 (0)12 356 3205

Email phumudzo.mamphwe@up.ac.za



↑ Bachelor of Dietetics (BDietetics) students, Yolanda Raphahla and Liesl Hartley showcasing the posters that they have developed for the health day.



↑ BDietetics students demonstrating how to make a simple Pilchard dish using locally available products.



↑ BDietetics student showcasing a food model (pap) from the Department of Human Nutrition.



↑ BDietetics students and their lecturer's celebrating the successful launch at Stanza Bopape CHC



Antony Blinken talks sub-Saharan Africa strategy at Future Africa

By Brittany Clarke, Duncan Lotter, Justine Binedell, Lisa McDermid and Letlhogonolo Senokanyane

On 8 August, US Secretary of State, Antony Blinken, delivered an address detailing the Biden Administration's strategy for sub-Saharan Africa at the University's Future Africa Campus. Several postgraduate history students were privileged to be allowed to attend the event, as well as the subsequent panel discussion with senior members of the State Department.

Secretary Blinken discussed the Biden administration's plan to strengthen the partnership between sub-Saharan Africa and the US and outlined the US's investment in the continent and South Africa to develop infrastructure, support democratic processes and tackle the global effects of climate change. His address was delivered eloquently and convincingly and at face value the strategy appears impressive.

After Blinken's address, postgraduate students gathered for a private session to discuss and provide feedback on the new sub-Saharan policy. A point of contention occurred when the panellists were asked



↑ US Secretary of State outlining the Biden Administration's new sub-Saharan Africa policy

how South Africa's strong historical ties with Russia might impact the new policy. The response was generically diplomatic, but the indication was that this relationship would not have any negative effects and that the United States would provide a 'choice', regardless of a country's political ties. What this choice would mean for South Africa was not elaborated on.

Overall, Secretary Blinken's address and the subsequent discussion panel provided insight into the world of policymaking and policy implementation.

Read the full article here: www.up.ac.za/faculty-of-humanities/news/post_3093956-antony-blinken-talks-sub-saharan-africa-strategy-at-future-africa



↑ Postgraduate students participating in a panel discussion with senior State Department officials

How to choose between a BA (Law), BCom (Law) or straightforward four-year LLB degree?

As explained here, there are **three direct routes** to a recognised legal qualification and eventual admission as an attorney or advocate in South Africa with an LLB degree behind your name, given the *status quo* in South Africa in 2019 and excluding forthcoming amendments to the Legal Practice Act, 28 of 2014:

1 Faculty of Law = An LLB degree = **One degree: 4 YEARS minimum**

Admission requirements: APS = 32 | English 5 (60–69%)

2 Faculty of Humanities + A BA (Law) degree 3 YEARS + Followed by an LLB degree 2 YEARS = **Two degrees: 5 YEARS minimum**

Admission requirements: APS = 30 | English 5 (60–69%)

3 Faculty of Economic and Management Sciences + A BCom (Law) degree 3 YEARS + Followed by an LLB degree 2 YEARS = **Two degrees: 5 YEARS minimum**

Admission requirements: APS = 32 | English 5 (60–69%) | Pure Maths 5 (60–69%)

OR Any prior recognised degree + Followed by an LLB degree 4 YEARS minimum



Hereafter, should you qualify, you could consider pursuing a **master's degree** in law (optional).

Master's programmes are presented as follows:

- Coursework: evening classes, examinations and a mini-research dissertation; or
- Correspondence: comprehensive master's dissertation.

The duration of a master's degree at UP is minimum one year.

If you are interested in a career in **patent law**, you should first pursue a science degree (Bachelor of Science (BSc) or Bachelor of Engineering (BEng)) degree, and/or followed by an honours degree in BSc or BEng, followed by an LLB degree, or vice versa. Here you are looking at a minimum period of seven years of studying. However, this will prepare you for the Patent Examination Board, as required in Section 21 of the Patents Act, 57 of 1978, as amended, for a career as a patent attorney. However, it is important to note that admission as a patent advocate or attorney is subject to passing the Bar Examination for pupils or the Competency-based Examination for Admission as an Attorney too. Should you be interested in this field of law, you may find more relevant information on the websites of patent attorneys, the South African Institute of Intellectual Property Law (SAIIPL) and the World Intellectual Property Organisation (WIPO).

If you would like more information such as the minimum requirements and career opportunities, do visit the various faculties' websites: www.up.ac.za/law | www.up.ac.za/faculty-of-humanities | www.up.ac.za/ems

The grass could be greener within our city walls

By Johann de Beer, Agata Morelli and Elke Meyer



← Flowering plants in urban regions can provide foraging for essential pollinators, such as this honeybee. (Photo by Elke Meyer).

Cary Fowler states:

'Too many people, biodiversity is almost synonymous with the word nature, and nature brings to mind steamy forests and the big creatures that dwell there. Fair enough. But biodiversity is much more than that, for it encompasses not only the diversity of species, but also the diversity within species.'

We have made it to 2022, a year of artificial intelligence, machine learning and virtual reality. Yet, despite all these technologies, we cannot exist in our virtual bubbles without the healthy ecosystems that surround us and fundamentally sustain our lives.

Biodiversity is the foundation of our economy, livelihoods and human health. It provides ecosystem services such as filtering the air we breathe and the water we drink,

reducing soil erosion and assisting in pest control. Other ecosystem services include the production of the food we eat and even tourism.

However, we are faced with the problem that biodiversity is sadly being lost at a staggering rate. Recent reports indicate that globally, animal populations have declined by more than 50% in the past 50 years. Considering the speed at which we lose biodiversity, scientists are referring to this as the next mass extinction, which can be largely attributed to the conversion of natural areas into agricultural land and urban settlements. EO Wilson warns that we 'should preserve every scrap of biodiversity as priceless while we learn to use it and come to understand what it means to humanity'.

Even though urban areas often feel like barren wastelands, biodiversity can somehow find a way to survive there. Sometimes we see it in something small, like a patch of moss growing on a rock, or a whole ecosystem developing next to a road. In some cases, losses in natural habitats caused by urban development can

be counteracted by establishing gardens, parks and rooftops that harbour diverse sets of plant species, creating microhabitats that can support native biodiversity. Green infrastructures like these provide havens for biodiversity where people can seek refuge from the hustle and bustle of city life.

There is increasing evidence to suggest that simply providing small, diverse patches of vegetation distributed across urban centres can create refuge windows that animals can use to forage and inhabit whilst moving through the city. Planting indigenous plants in your gardens can attract local wildlife and provide much-needed shelters or rest stops for pollinators, birds and even small mammals.

By finding a way to incorporate nature into our cities, we have the power to make the grass greener within our city walls.

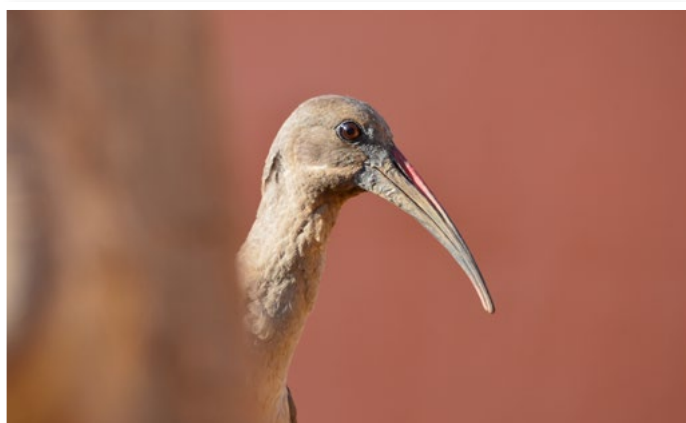
(Agata, Johann and Elke are entomology students who have completed their honours degrees in the UP Department of Zoology and Entomology and all supervised by UP Professors Catherine Sole and Christian Pirk).



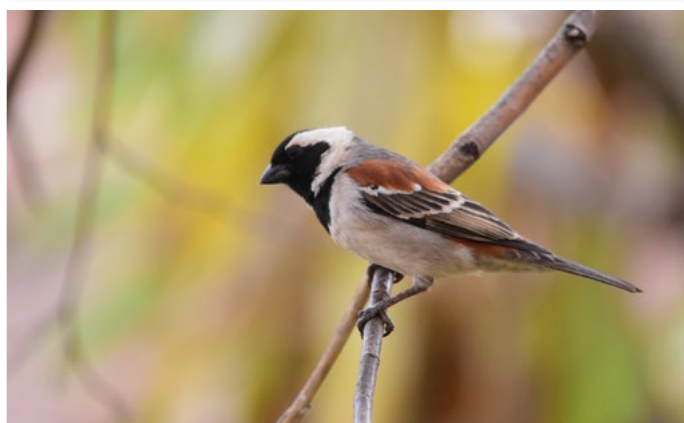
↑ Spotted eagle owls have found a way to live in cities near gardens and parks. (Photo by Elke Meyer).



↑ Green city infrastructures provide safe places where reptiles such as lizards or skinks can coexist with humans. (Photo by Elke Meyer).



↑ The iconic hadeda ibis has adapted to live in urbanised areas and is often seen in gardens, parks and other green infrastructures within an urban setting. (Photo by Elke Meyer).



↑ Cape sparrows are commonly seen in urban areas. Although they can survive in fully urbanised areas, they prefer living in gardens or parks. (Photo by Elke Meyer).



↑ Parks and botanical gardens in urban environments can be a refuge for small mammals, such as rock hyraxes. (Photo taken in the Pretoria National Botanical Garden). (Photo by Elke Meyer).



↑ Laughing doves are well adapted to city living. (Photo by Elke Meyer).

Tel +27 (0)12 420 3236 or +27 (0)12 420 4616 | Email catherine.sole@up.ac.za or christian.pirk@up.ac.za
Websites www.up.ac.za/sirg | www.up.ac.za/zoology-entomology



Cognitive geomatics project kicks off between UP and two international universities

By the Department of Geography, Geoinformatics and Meteorology



➔ The three principal investigators, from left: Prof. Serena Coetzee (UP, South Africa), Prof. Dr.-Ing. Gertrud Schaab (HKA, Germany) and Prof. Dr.-Ing. Faith Karanja (UoN, Kenya)

Cognitive geomatics refers to digital teaching that creates awareness of intercultural differences in sense of place.

Germany, South Africa and Kenya have been used in case studies undertaken for a project of the Baden-Württemberg-STIPENDIUM for students. BWS plus is a programme of the Baden-Württemberg Stiftung. This project, financed at a cost of €140 000, started in March 2022 and will continue until February 2025.

There is a standing, long-term cooperation between the [Karlsruhe University of Applied Sciences \(HKA\)](#) in Germany and the University of Pretoria (UP) in South Africa, and for this new cognitive geomatics project, the two institutions have included the [University of Nairobi \(UoN\)](#) in Kenya. The project will widen the thematic discourse to be more interdisciplinary and will, in addition to geo(infor)matics students, also include students from the social sciences and cultural media management.

According to Professor Serena Coetzee, Head of the [UP Department of Geography, Geoinformatics and Meteorology](#) and one of the three principal investigators in the project, '[R]apid advances in information

and communication technologies, together with the increasing availability of processing options in the cloud, are leading to significant increases in data. Future use and analysis of the location-based aspect of such big data is expected to lead to a boom in geomatics, which implies that increasingly not only geomatics specialists will work with such data.

At the same time it is becoming evident that the mere positioning of objects based on geographic coordinates does not do justice to the subjective experiences of space and the world around us. Sense of place, however, differs from one culture to another and is closely linked to locality and authenticity. This raises questions about the nature of the interplay between the way we think about and perceive physical space (our mental maps) and the use of high-tech methods for measuring, analysing and visualising our environment (in the virtual world), which can be described as cognitive geomatics. The individual cultural differences are also of interest in teaching and learning.'

The project officially started with a workshop on 'Sense of place: Web mapping' held at the HKA in April, which brought together six lecturers from the three collaborating universities and 13 HKA students. During the winter semester of 2021/22, as part of their coursework, HKA students used web



⬆ Mental mapping as an introduction to 'sense of place', the theme of the workshop

mapping technologies to design and develop digital teaching materials aimed at teaching different aspects of spatial awareness. During the workshop, they presented their material, which was critically reviewed by the project partners from Africa and a larger group of students from different fields of study. Participants in the workshop came from eight countries.

The meaning of 'sense of place' was traced and web mapping possibilities for interactive, dynamic spatial visualisation of statistical data, or for sharing one's ideas, were shown. The two days were a successful start to the new project as student participants had the opportunity to experience cooperation and exchange with South Africa and Kenya, and the project partners were inspired to undertake further project work, which will primarily take place virtually.

Specialist Senior Student Advisors in the DESA Recruitment Division

Johan Kloppers

'I met my new colleagues in UP's Department of Enrolment and Student Administration for the first time on a crisp winter morning. That was on 1 July 2015, and I remember it as if it was only yesterday. Although it was cold outside, the warmth of excitement I experienced then still fuel the fire and passion I have for my work as a Specialist Senior Student Advisor.

Assisting and guiding young people with regard to the decisions they need to make in respect of study and career choices is something that gives me a sense of purpose and fulfilment. Every individual's situation is different and therefore offers an opportunity to engage in a fresh and unique way with each prospective student I meet. To share in the excitement young people experience once it becomes clear what they ought to study and what career opportunities will suit each one's

personality, aptitude, interest and personal vision truly enhances the pleasure I experience in the work I do.

As a recruiter for UP, I visit schools in Gauteng, Limpopo, Mpumalanga and the Western Cape. Apart from representing the University at various career exhibitions, I often give presentations to explain to learners and parents what it is that makes the University of Pretoria a world-class university, emphasising the variety of study programmes offered, the vibrant student life and the student development projects the University offers.

Prospective students often ask me what they need to do to succeed in their pursuit of their dream careers. I usually answer by quoting President Theodore Roosevelt, who said: 'Courage, hard work, self-mastery, and intelligent effort are all essential to successful life.'



↑ Johan Kloppers

Contact information

Johan Kloppers

Tel +27 (0)12 420 2369

Email johan.kloppers@up.ac.za



↑ Glynis Nkuna

Glynis Nkuna

'In August 2014, I joined the University of Pretoria as a Senior Student Advisor. In this position I provide prospective students with career guidance so that they can make informed decisions about their future careers, and assist registered students with navigating their career paths and achieving their objectives. I also help prospective postgraduate students with articulation options and application procedures.

My message to future students is: Set your goals, develop strategies to achieve them and put your plan into action. Use your time wisely and study diligently.

True success is achieved by working towards achieving meaningful goals and realising your dreams.'

'Every morning you have two choices: Continue to sleep with your dreams, or wake up and chase them.'

Contact information

Glynis Nkuna

Tel +27 (0)12 420 5083

Email glynis.nkuna@up.ac.za

Forever changed after the #TalkAboutHer outreach

By Anthea Pretorius

Pastor Immanuel Landman of the Elim Full Gospel Church initiated an outreach called Pretoria to the Equator in 2008. Every year he focuses on a different cause.

- In 2008, the outreach focused on supplying villages in the Kenyan/Somali deserts with educational material.
- In 2019, medical training and care were provided to people in the same region.
- In 2022, the outreach focused on women and leadership, therefore the aim was to interact with women and young girls in the countries we visited. We facilitated conversations about African women in leadership positions: What does this kind of leadership look like? What makes it unique? What can we learn from each other? How can we better equip women to be leaders? This is the reason for our hashtag #TalkAboutHer.

On the trip this year we visited schools and communities where we spoke to young girls about working towards the kind of future they desire. We also gave them University of Pretoria (UP) brochures and other information to inspire them to pursue higher education.

Another major component of our trip was searching for the untold stories of women in leadership. We literally looked for women who were making valuable contributions to their communities and documented their stories with a view to producing a documentary.

We met with a pharmacist who was teaching the people of her village about personal

health and well-being. We also met a young lady who was orphaned when her parents were murdered, but learned how to sew to make a living. She now sews and sells bags and dresses, and teaches others about forgiveness and how to sew.

We left South Africa on 30 June, travelled through Zimbabwe, Zambia, Malawi, Tanzania, Kenya and Botswana, and returned home on 24 July. Each of the students who accompanied us on the trip had to raise R30 000, which was used to pay for fuel, accommodation, meals and charges levied at the borders. The fundraising strategies used ranged from asking for donations from friends, family and strangers, to selling pecan nuts and eggs.

Any UP student can apply to join this outreach, which takes place during the June/July university recess. The students who were fortunate to be on the trip this year have the following to say:

Paulah Mothotoane, a student in the Faculty of Theology and Religion, wrote:

'What first caught my attention in the six African countries we visited was the beautiful nature and peaceful atmosphere as a result of people being respectful, welcoming, kind and considerate. It was fascinating to drive past elephants, zebras and giraffes and seeing many baobab trees and tea plantations! In Zimbabwe, it was astonishing to hear the sound of the cascading Victoria Falls from as far as a kilometre away, and absolutely breathtaking to see this natural phenomenon from close by. We were privileged to hear the inspirational stories of women in Africa who are leaders in their communities. Their stories of courage, hard work, faith and perseverance enhanced my understanding of African women in leadership positions. Women in Africa lead in different spheres of life and their leadership is relevant and effective as they serve both behind the scenes and in the forefront. My interaction with men, women and children in different African countries made me realise that women have a purpose and role in leadership that needs to be acknowledged and encouraged. I would like to encourage young African women to find out where they are called to lead and to take up their leadership roles.'



The students wish to thank their family and friends as well as the following people who made this adventure possible:

- Ms Terrylywayne Harris of the St Columba's Presbyterian church in Hatfield;
- Dana Mahan (dana.mahan@up.ac.za) of the Faculty of Theology and Religion at UP for the Life Abundance Scholarships;
- The Elim Full Gospel Church (info@elimchurch.co.za);
- Canon@ South Africa;
- Pricilla Malaza (pricilla.malaza@up.ac.za) of the Department of Student Affairs at UP;
- Dr Matete Madiba (matete.madiba@up.ac.za), Director: Department of Student Affairs;

- Ntsiki Loteni (ntsiki.loteni@up.ac.za) of the Department of Transformation at UP;
- Dr Pieter Clase (pieter.clase@up.ac.za) of the Department of Enrolment and Student Administration (DESA); and
- Dr Petrus Lombard (petrus.lombard@up.ac.za) of the JuniorTukkie office at UP.

Contact information

Facebook Pretoria to The Equator
Instagram @talk_about_her

Pastor Immanuel Landman
Mobile +27 (0)83 458 4064
Email immanuel@elimchurch.co.za



Tshegofatso Poee, who is studying nursing in the Faculty of Health Sciences, is equally enthusiastic and wrote:

'It was an uplifting and eye-opening experience to drive through Africa surrounded by scenic views of mountain ranges stretching as far as the eye could see. Since it was the first time I travelled outside South Africa, I was excited about the new experiences awaiting me and how they would change my perspective. One experience I recall was in Malawi when we drove past a town at night. Even though there were no streetlights to illuminate the town, which was therefore invisible from the road, the streets were vibrant. It was lovely to visit various countries and never experience any animosity or hostility, even though we were foreigners. We had a couple of cultural shock moments, one of which was having to learn to use squat toilets in Tanzania. We were able to use American dollars as well as the local currencies in all the countries we visited. It was inspiring to hear about the life experiences of women from all walks of life and the challenges they have had to overcome. They do not pity themselves, but make the most of what they have and go out of their way to get things done. My only expectation when I embarked on this journey was to grow and learn, and I learned that being prepared is as important as learning to adapt when things do not work out as planned. I would like to convey special thanks to friends and family, and to the Elim Full Gospel Church and Pastor Immanuel Landman for making this experience possible.'

Sarah Dandolo, a BSc (Food Sciences) student in the Faculty of Natural and Agricultural Sciences, shared the following memories:

'As we travelled through six African countries, I was impressed by the baobab trees, referred to as gentle giants, with their strong trunks and thick branches. These prehistoric trees grow in arid landscapes where little else can thrive. The people always greeted us with 'Jambo!' (hello) and struck up a conversation before wishing us safe travels ('Safari njema!'). Along the way we visited markets for a walkabout and everywhere we encountered friendly, loving, welcoming people. Not once did we feel unsafe. The craftsmanship of the people captured my attention and I saw how some produced furniture or made bricks. Others sold fresh fruit and vegetables. This showed me how determined they are to work hard and be productive to earn a living. We drove past farmlands with maize crops, banana trees and plantations, which made me aware of how food secure Africa is and how much food is available to sustain its large population. My message to you is to persevere when you set your mind to something, and to be motivated by the knowledge that nothing is impossible in Africa—all it takes is a willing heart.'



Tsholofelo Magagula, a BEng (Chemical Engineering) student at UP, shared the following:

'The fear of the unknown can very quickly become overwhelming if you are used to being in control of things. However, with a heart and a mind that are open to experiencing new adventures and a willingness to learn, you can certainly expect your eyes to be opened and your mindset to be shaped by a whole new frame of reference. Driving north into Africa is such an adventure. When I signed up for it I had no idea of what to expect, except that I felt that I would like to learn from the people with whom we interacted in the course of the journey. I can confirm that there was indeed much to learn! Each person we met proved the value and beauty of hard work, determination and resilience. People in each of the countries we visited made the best of what they had, regardless of how little or how much it was. Their efforts were also not driven by selfish motives, but were undertaken in humble service to others. The most valuable lesson I learnt from the African people is what Ubuntu truly means, and I think it is something we should all learn and demonstrate in our daily living.'



UP's Faculty of Veterinary Science helps small-scale farmers and boosts food security

By Dr Alfred Kgasi and Dr Rebone Moerane



Students are exposed to the unique sociocultural dynamics, challenges and opportunities of rural production systems. Here Dr Alfred Kgasi, senior lecturer in the Faculty of Veterinary Science (right) and Head of the Faculty's Afrivet Chair in Primary Animal Health Care (PAHC), is discussing some options with a farmer and a student group.

South Africa has a dual agricultural economy with an established commercial farming industry and an emerging small-scale farming sector.

Most small-scale farmers farm on communal lands under tribal authority, or in the former homeland areas. As owners of a significant number of livestock, including cattle, sheep and goats, they play an important role in contributing to food security, employment and poverty alleviation.

Unfortunately, a lack of knowledge regarding best farming practices often hampers successful and profitable livestock production in the small-scale farming community, with herd diseases and animal mortalities frequently leading to losses and posing a serious risk to rural livelihoods.

The Faculty of Veterinary Science has a long history of providing support to farmers close to its Onderstepoort Campus. About 30 years ago, a mobile outreach clinic was set up as an extension of the Onderstepoort Veterinary Academic Hospital (OVAH) to offer basic clinical services to resource-strapped individuals in the Hammanskraal and Ratjiespan areas.

This was followed in 2011 by the establishment of the Afrivet Chair in Primary Animal Health Care (PAHC), which provides support and training to livestock farmers within a radius of approximately 80km from Onderstepoort.



Students engage in knowledge transfer to farmers during scheduled supervised visits

Students in their clinical years of study are taught the methodology of PAHC and strategies to formulate and apply an extension strategy for a given community. They then engage in knowledge transfer to farmers during scheduled, supervised visits and farmers are trained on aspects such as the prevention and early identification of diseases, record-keeping and the optimisation of communal production systems.

Read the full article here: <https://bit.ly/3o3iwZO>

Tel +27 (0)12 529 8436

Email chris.vanblerk@up.ac.za

UP Vet Books for Africa team returns from donation drive to Zimbabwe and Zambia

By the Faculty of Veterinary Science

Eight students from the University of Pretoria's (UP's) Faculty of Veterinary Science have completed the first leg of their 2022 MTB Petroleum Vet Books for Africa Society donation drive.

During the winter recess, the group undertook an eventful 4 000-kilometre trip from Onderstepoort outside Pretoria to Zimbabwe and Zambia to deliver boxes of veterinary textbooks, microscopes and loads of veterinary supplies to deserving recipients.

Their first trip of the year took place from 30 June to 9 July. In Zimbabwe their ports of call were the University of Zimbabwe and the Twala Trust animal sanctuary, while in Zambia they visited the University of Zambia, the Lilayi Elephant Nursery and the Leopards Hill Veterinary Services Clinic.

Vet Books for Africa, a non-profit student-driven society affiliated with UP's Faculty of Veterinary Science, was established in 1993. Under the banner 'Vets on a mission', the society distributes textbooks, journals and veterinary supplies and equipment to veterinary faculties and organisations in various African countries. Along the way participants are also given opportunities to lend a hand at veterinary clinics and conservation sanctuaries.

Over the years 14 trips, totalling more than 97 000 kilometres, have been completed and more than 2 600 books have been donated to six African universities.

Read the full article here:

<https://bit.ly/3Qo1EJO>

Tel +27 (0)12 529 8436

Email chris.vanblerk@up.ac.za



↑ The Vet Books for Africa students pose for a group photo with students of the University of Zimbabwe and Prof Gift Matope, Dean of the Faculty of Veterinary Science at the University of Zimbabwe (back, third from right). In front (from left to right) are Marjon Schouwstra, Lara du Plessis, Daniel Archibald and Stian Wessels. At the back are Jenna Lewis (left), Marnus Zaaiman (third from left) and Le Roux Pepler (in the middle).



↑ Le Roux Pepler, Chairperson of the Vet Books for Africa Society (middle) with Mary Muyoyeta (research assistant, left) and Oliver Munyama, Head Keeper at the Lilayi Elephant Nursery in Zambia



↑ Some of the books, microscopes and other material that were donated



↑ At the University of Zimbabwe's Faculty of Veterinary Science

Charné Griesel wants to change Eersterust youngsters' lives through judo

By Wilhelm de Swardt | Photographs by Reg Caldecott

Tuks Law student Charné Griesel (21) believes that being a judoka is not only about being the best and winning medals, but that by teaching young kids' judo their lives can be changed.

Charné won a bronze medal in the under-52 kg category during the Birmingham Commonwealth Games after previously also winning a bronze medal during the Africa Championships in Algeria. It is through her passion for judo that she became aware of the drug and gangster problems in Eersterust.

She explained: 'One of the judokas I coach at Tuks is enrolled for a master's degree in occupational therapy and was involved in a research project on substance abuse in Mamelodi and Eersterust. The community had called on government and

law enforcement to urgently intervene to help save the lives of hopeless youths who were smoking their futures away. With the help of TuksJudo and the Tshwane Judo Association, we opened a Tshwane TuksJudo Development Club in Eersterust. Judo is the perfect sport to make a difference in kids' lives. We adhere to a moral code of eight values: courtesy, courage, honesty, honour, modesty, respect, self-control and friendship. We hope the kids will buy into these values both on and off the mats. Although initially most of them are shy and introverted, they start gaining confidence once they begin to understand the finer intricacies of judo.'

Charné trains for up to four hours a day and manages her time well. She believes that when the going gets tough, the tough get going, and winning bronze was the confidence booster she needed. 'I honestly



↑ Charné Griesel

think that if I had not won the medal I would not have the right mindset to continue my Olympic dream,' she said. 'Winning a medal at the Games proved that I am good enough to compete internationally. I also know now that my personal sacrifices were not in vain. Hopefully, I have inspired at least one little kid in Eersterust to dream big.'

18-year-old Pieter Coetzé wins three medals at the Commonwealth Games

By Wilhelm de Swardt | Photographs by Reg Caldecott

Competing in the Birmingham Commonwealth Games for the first time, 18-year-old Pieter Coetzé impressed by winning three medals: He won the 100m backstroke, was placed second in the 50m breaststroke and third in the 200m breaststroke. Those who watched him swim said the youngster swam like a seasoned campaigner.

His sister, Jana, who calls him Cool Stroke Pete, commented: 'Pieter has ice in his veins. Nothing ever seems to faze him. Once he has set his mind on something, he goes for it and will persevere until he succeeds. During the 200m backstroke final, which was his ninth race in five days, he found the energy to accelerate in the final 150 metres to finish third. Once he dives in, Pieter focuses on doing what needs to be done. I am always amazed at how calm he can be.'

Jana recalls that at one time all his friends were running and he wanted to be a cross-country runner. 'He attended swimming galas to see me compete and at one stage I tried to convince him to also focus on swimming, but at first he was reluctant to commit as he still wanted to run and play

cricket. Things changed when he began winning more races in the pool than on land and he became addicted to the joy of winning. That is when he fully committed to being a swimmer.'



↑ Pieter Coetzé

↓ Jovan van Vuuren
with his coach,
Neil Cornelius



Van Vuuren wins a medal at the Commonwealth Games

By Wilhelm de Swardt | Photographs by Reg Caldecott

When Jovan van Vuuren won a medal at the Commonwealth Games in Birmingham, he did something very few other South African long jumpers have been able to do. The Tuks athlete won bronze with a jump of 8.06 metres. LaQuan Nairn from the Bahamas won gold with an 8.08-metre effort, and India's Murali Sreeshankar jumped the same distance and finished second on a countdown.

After his second attempt of 8.06, Jovan was a gold medal contender for a few minutes, but then Nairn jumped 8.08 metres with his next jump, which was equalled by Sreeshankar with his fifth attempt.

However, the Tuks master's student is not allowing himself to be disappointed. The beauty of long jumping is that you can be in the lead, but it means nothing until the last jump has been completed. You can lose a medal in the last seconds. It makes this sport exciting, which is why I am passionate about what I do. My hamstring started to act up midway through the competition, but I was determined to not go down without a fight. With my last attempts, it was a case of grin and bear. Winning a medal at the Commonwealth Games was

the breakthrough I had hoped for as it confirmed that I can hold my own against the world's best if I remain calm and focus only on what needs to be done. What makes this memorable is that it was the first time I competed at the Commonwealth Games.'

This was only the third time since 1994 that a South African long jumper has won a medal at the Commonwealth Games. In 2014, Zarck Visser won silver and Rushwahl Samaai won bronze in Glasgow. Four years later, at the Gold Coast Games, Luvo Manyonga was the winner, with Samaai again finishing third.

Van Vuuren compared his season to a roller coaster ride and said: 'I did some excellent jumps. Being able to consistently jump further than eight metres has done wonders for my confidence.' He has performed well every time he competed locally.

A definite highlight was his effort of 8.16 metres during the Gauteng North Championships, which placed him seventh on South Africa's list of all-time best performances. Internationally this was the 15th best distance for the season and it also won him the South African title.

Van Vuuren credits his World Championships debut in Oregon, USA, as the eye-opener he needed.

'If I have to be honest, it was a bomb-shock kind of experience. First, I had to fight off the jetlag, then I had to become calm while walking shoulder to shoulder with some of the international athletics legends. In the end I had to rely more on mental strength than on physical strength. I might not have qualified for the final, but the experience I gained stood me in good stead in Birmingham.'

'I would like to express my sincere thanks to my coach, Neil Cornelius, for his effort to be at the Games. I think it cost him more than R20 000 to be there, but he is not complaining—he wanted to be next to the track to make sure that I stick to the basics. Thank you Coach, I genuinely value your guidance.'

Van der Walt blitzes to bronze at Commonwealth Games

By Wilhelm de Swardt | Photographs by Reg Caldecott



↑ Zeney Van der Walt

The statistics will show that Zeney van der Walt won bronze in the 400m hurdles during the Birmingham Commonwealth Games, but statistics do not reflect personal heroics or gutsy performances. If they did, the Tuks hurdler would undoubtedly be a contender.

Halfway through the race, she was eighth, and with 50 metres left she was in fifth place. It looked like a done deal that the three Jamaican athletes would make a clean sweep by winning all three medals. But that was not how Van der Walt saw the race play out. With astonishing acceleration, she caught up to take the bronze with a personal best time of 54.47s. This Tuks athlete proved that she has a big-match temperament and can race against the world's best.

Janieve Russell (Jamaica) won in 54.14s, while Shiann Salmon and Van der Walt both clocked 54.47s. Had the South African dipped earlier, she might have taken the silver. The times run by the Jamaicans rank them among the ten fastest in world athletics this season. Russell and Rushell Clayton (4th at the Games) both clocked 53.63s, which made them the joint seventh

fastest, while Salmon's best of 53.82s is, for now, the 10th fastest.

During the World Championships in Oregon, USA, Van der Walt clocked 54.81s. She is now officially South Africa's fourth fastest female 400m hurdles athlete. Only Myrtle Bothma (53.74s), Surita Febbraio (54.05s) and Wenda Nel (54.37s) have been faster.

According to Van der Walt, the most critical thing she focused on this year was to correct minor shortcomings in her technique, which has helped her to control the controllable when racing and has enabled her to run her own race.

The Birmingham Commonwealth Games was not the first occasion on which Van der Walt has surprised many with her never say die attitude. In 2017, during the World Youth Championships (under 18) in Kenya, her acceleration was as impressive and was rewarded with a gold medal.

This Tuks athlete is also a former World Junior Champion (under-20) and has won a silver medal at the World Student Games.

Richardson could be the next real deal in SA sprinting

By Wilhelm de Swardt | Photographs by Reg Caldecott

The 18-year-old Benjamin Richardson, who has been impressive throughout the season, seems to enjoy nothing more than to win medals at major events. His tally for this season is three gold and two bronze medals.

At the recent World Junior Championships in Cali, Columbia, he won a bronze medal in the 100 metres. It was his second Junior World Championships medal in two years. Last year he also won a silver medal in the 100 metres. He is currently the South African under-20 champion over 100 and 200 metres, and at the South African Senior Championships he won a bronze medal in the 200 metres.

Asked what he will have to do to be just a little faster, he said: 'I need to work on remaining calm, and it would help if I could be faster out of the starting blocks.' During the final race of the Junior World Championship, the Tuks athlete was indeed slow out of the blocks and had to work hard to draw level, but once he had reached his top speed it was the others who had to battle to keep up.

Richardson impressed during the 4x100 m relays and the South Africans were victorious in their heat as well as in the final. Unfortunately, they were disqualified for erring on the changeover, which deprived them of a gold medal.

One cannot help but compare this young sprinter's running style to that of Usain Bolt, but Richardson will be the first to admit that there is still a lot of hard work to be done before he can be compared to the sprint legend. However, physically there are only slight differences: The Jamaican is 1.95 metres tall and wears size 13 shoes. Richardson is not quite sure how tall he is, but guesses it is 1.91 metres, and he wears a size 12 shoe.

To my question about his preferred race distance, he answered:

'At the moment I like the 100 metres, but I think the 200 metres will suit me better in the long run.'



↑ Benjamin Richardson

House Mags

By Nyakallo Mothibe

The female residence House Mags turned 40 this year and we are celebrating four decades of fun. A special birthday celebration at the start of the festival year involved—among other activities—the lighting of the decade candles, signing of the festival year banner, competing in a birthday table competition and the unveiling of the new plaque. We also hosted a Mags Got Talent show, which offered the ladies of our pink residence an opportunity to showcase their talents, which included singing, dancing, instrumental performances and poetry.

House Mags participates in many sports activities, such as soccer, netball, cricket, basketball, squash, tennis, swimming and athletics, and with our male partners we came first in the mixed netball league. Our Spikkels (first-year students) competed in the annual inter-res InSync competition and won first place in the people's choice category.

Our pink ladies also participated in the Step It Up competition during which residences and day houses compete to show off their dance moves. Our ladies graced the stage and won in the categories Best Themed Residence, Best Female Band and Best Female Residence. Our annual

House Week included activities ranging from internal sports competitions and our themed socials—Tour de Flour and Murder Mystery—to formal dinners.

For our mom-and-daughter day we organised an arts and crafts morning, and our dad-and-daughter day included a tour of Loftus Versfeld with a picnic on the main rugby field. We participate in a number of fundraising projects for charity, such as our eco-friendly sunglass strings projects, our Grietjie Piggy parade and our Tops and Tags project (you have to be in res to understand this).

The good news is that our festival year is not yet over and the winning spirit that has always characterised House Mags is as strong as ever. Join House Mags and learn more about Pink Thursday, Big YES and 'huppel'.

My alles vir altyd vir Mags (MAVAVM)

Contact information

Email housemags@up.ac.za
Website www.up.ac.za/house-mags
Instagram @housemags

➔ Unveiling of our 40th Feesjaar plaque



➔ Our ladies taking part in Step It Up where we won Best Theme, Best Band and Best Female Residence



➔ Our basketball team representing us on the court



Madelief celebrates sapphire anniversary

By Zandile Gando

On the evening of 30 July 2022, we celebrated Madelief's 45th year of existence.

The event, held at Fort Schanskop in Groenkloof, was attended by 300 guests, including current Madeliefies, our alumni, UP benefactors, house parents and TuksRes personnel.

It was a deeply moving experience to have 45 years' House members and leadership in attendance. We were taken through the evening's proceedings by our current primaria, Sibulele Zandile Gando, who shared her pride in leading a house whose alumni and residents had been willing to come out in such numbers to attend the event. The primaria of 1982/83, Teresa Conradie, was among those who attended. She addressed the gathering and provided wonderful insight into how House Madelief had grown and changed since her days. She was particularly proud of seeing the House full of confident women who continue to be trailblazers in their various fields.

Our Primaria of 2020/21, Chané Williamson-Jansen, who actively led us during the pandemic, shared her hopes for the House moving forward in the post-pandemic world and expressed her gratitude for the way the House had impacted her life. In the course of the evening there was much story-telling, expressions of gratitude, former and current House Committees leading their House in our House Song, and primarias leading the *Lief Lief* war cry.

The delicious food, free-flowing drinks and groovy music contributed to creating an abundant sense of community. We were greatly moved by being able to come together again to share in all that our House has been for us over the years and to hold hands as we looked forward to a future full of possibilities.

Madelief Acapella

In March, our acapella group began practising for the STUKU Sing It Acapella competition, which was held from 3-5 August 2022. Thanks to the great leadership of Angelene Michielsen and Tania Boshoff, and coaching by Juan Muller, they reaped amazing rewards for their many hours of practise.

After making it to the finals on Friday, 5 August, the group received the following awards:

- Best costume and design
- Best soloist: Suicide Squad
- Best soloist: 1st place
- Best multicultural: 2nd place
- Best theme: 3rd place
- Overall winner: 3rd place

We are incredibly proud of all 17 Madeliefies who put their hearts and souls into every performance they gave throughout the competition.

Contact information

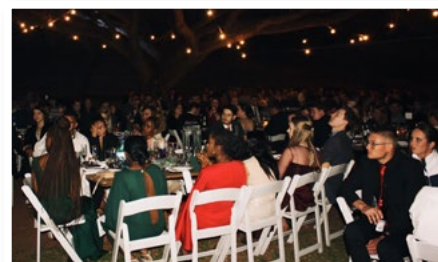
Email madelief@up.ac.za
Instagram [madelief_1977](https://www.instagram.com/madelief_1977)



↑ Madelief Acapella Group performing at the Sing it Acapella Finals



↑ Madelief Chairperson 2021/22, Sibulele Zandile Gando, speech at the Sapphire Celebration



↑ Madelief Sapphire Celebration at Fort Schanskop



↑ Primaria 1982/83, Teresa Conradie, speech at the Sapphire Celebration



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA



Make today matter

About JuniorTukkie

*The **JuniorTukkie programme** of the Department of Enrolment and Student Administration at the University of Pretoria has been established to assist learners from Grade 9 to 12 to make responsible study and career choices. The JuniorTukkie programme provides among others, a wide variety of services to learners such as first-hand information on study and career options, the development of leadership qualities, life skills, study skills, engagement in community projects, and many more.*

Join the JuniorTukkie initiatives

Become a JuniorTukkie member:

Complete the membership form at www.up.ac.za/juniortukkie > [Become a JuniorTukkie](#).

Utilise the JuniorTukkie Online e-learning platform:

Register on the JuniorTukkie Online platform at juniortukkie.online.

Receive important notifications via the JuniorTukkie App:

Register on the JuniorTukkie App at juniortukkieapp.co.za.

Contact us

JuniorTukkie Office: junior.tukkie@up.ac.za

JuniorTukkie Online: studentsupport@juniortukkie.online

Student Advisors: carol.bosch@up.ac.za

JuniorTukkie App: martie.kilian@up.ac.za

JuniorTukkie membership (Grade 9 to 12): themba.maluleka@up.ac.za

JuniorTukkie Student Ambassador's Society (JTSAS): selena.davids@up.ac.za

Social media

JuniorTukkie website: www.up.ac.za/juniortukkie

JuniorTukkie Facebook: www.facebook.com/JuniorTukkieUP

JuniorTukkie Instagram: www.instagram.com/juniortukkie

JuniorTukkie App: juniortukkieapp.co.za

Produced by the Department of Enrolment and Student Administration in August 2022. Comments and queries can be directed to ssc@up.ac.za or Tel: +27 (0)12 420 3111.

Disclaimer: This publication contains information about regulations, policies, tuition fees, curricula and programmes of the University of Pretoria applicable at the time of printing. Amendments to or updating of the information in this publication may be affected from time to time without prior notification. The accuracy, correctness or validity of the information contained in this publication is therefore not guaranteed by the University at any given time and is always subject to verification. The user is kindly requested to verify the correctness of the published information with the University at all times. Failure to do so will not give rise to any claim or action of any nature against the University by any party whatsoever.