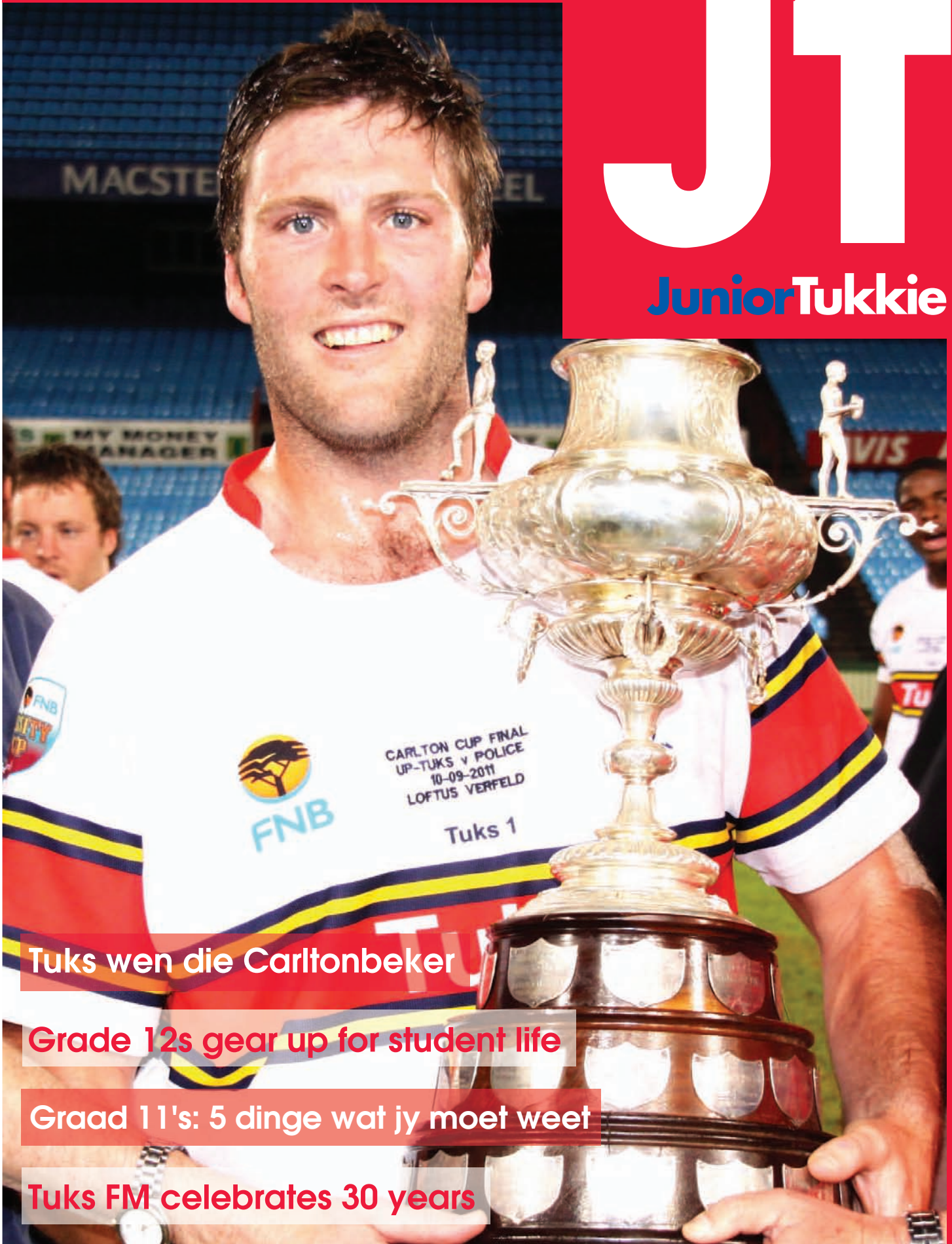


JT

JuniorTukkie



Tuks wen die Carltonbeker

Grade 12s gear up for student life

Graad 11's: 5 dinge wat jy moet weet

Tuks FM celebrates 30 years

www.up.ac.za/juniortukkie



Met 2011 so te sê agter die rug, kyk die JuniorTukkie-kantoor terug op 'n wonderlike, aksiebelaaide jaar. Die Graad 11-bemagtingsweek, Graad 12-voorbereidingsberaad en die Graad 11-toppresteerdersfunksie was maar drie van die hoogtepunte op hierdie jaar se JuniorTukkie-kalender.



Ek wil Investec hartlik bedank vir sy finansiële bydrae tot die Bemagtigingsweek en die Voorbereidingsberaad. Baie dankie ook aan Spec-Savers en Ster-Kinekor vir die gratis oogtoetse op honderde JuniorTukkie-leerders en die gratis brille vir dié leerders wat wel oogprobleme het.

Vanweë die gewildheid van die JuniorTukkie-klub, wil ek leerders wat aan die minimum vereistes voldoen, aanmoedig om so gou moontlik om lidmaatskap aansoek te doen. Die JuniorTukkie-kantoor kan sy lede op verskeie maniere help – besoek net die webblad (www.up.ac.za/juniortukkie) vir meer inligting. Gepraat van die webblad; daar was die afgelope vier maande 'n rekordgetal besoekers op ons webtuiste – tussen 40 000 en 60 000 'n maand!

Ons sal die huidige Graad 11-JuniorTukkies aan die begin van Februarie 2012 help om aansoek vir toelating tot die Universiteit te doen voordat die aansoeke vir 2013 op 1 Maart amptelik open.

Ek wil alle onderwysers, skoolhoofde en ouers bedank wat tot die akademiese, kulturele en sportprestasies van die JuniorTukkies bydra. Projekte soos die Proverto-studiegids, die LectorSA-leesprogram wat nou op die web beskikbaar is, die JuniorTukkie-webwerf en die JuniorTukkie-tydskrif help om leerders aan te moedig en te bemagtig om waardige leiers te word.

Sterkte aan al die Graad 12-leerders met die eindeksamen. Graad 11-leerders moet beseft dat hierdie eindeksamen seker een van dié belangrikste eksamens in hul lewens gaan wees, omdat keuring vir tersiêre studieprogramme op grond van die uitslae van hierdie eksamen gedoen word. Kontak gerus die JuniorTukkie-kantoor as jy enige hulp nodig het. Ons sal jou met graagte help met aansoeke, verblyf, beurse, of enige ander probleme wat jy mag ondervind.

Die JuniorTukkie-kantoor wens julle alles van die beste toe vir die res van die akademiese jaar. Werk hard sodat julle na die beste van julle vermoëns kan presteer. En onthou, dis Tuks of niks!

Petrus Lombard

JuniorTukkie-koördineerder

E-pos: petrus.lombard@up.ac.za

Published by:
JuniorTukkie Office
Client Service Centre
University of Pretoria
Jy kan ons kontak by:
Tel: 012 420 5102
Faks: 086 768 1337

E-pos:
juniortukkie@up.ac.za
Production, editing
and layout:
Janine Smit
Editorial Services
www.jses.co.za

Choose to be a winner

As I put this pen to paper, I can't believe that the year is almost over. It is amazing how time flies, yet we still fail to understand and appreciate how precious time is. It is a resource that should be used effectively, because time wasted can never be regained.



With the theme of this edition being *Winners at UP*, I want to point out that, in order to be winners, we must first believe that we are

capable of becoming winners, irrespective of our colour, creed or background. I believe that winning is in all of us, but that only those who choose to become winners will succeed.

I must, however, emphasise that winning does not fall like manna from heaven – it has to be earned. In fact, it requires a lot of hard work. Have you ever heard of a runner who wins a marathon without training and preparing for it beforehand? Well, I have not heard of any such runners and I think you will battle to find such a person. What are the chances of you passing your exams if you walk into that exam room without having put an effort into preparing for the exams? I doubt you would do well, unless you were a genius (and we all know there aren't many of those around).

The point I am trying to make is that the route to winning, as many of you have most probably experienced, is not necessarily easy. As the famous South African golf player, Gary Player, once pointed out, "the harder I work, the luckier I get". This for me confirms that we can all become winners if we choose to pay the hefty price of work, dedication and perseverance. The interesting part about life is that **we can choose to pay now and play later, or play now and pay later – either way, we still have to pay.**

Paying now is most probably a better option, because while it might be difficult to craft a brand-new beginning, the choice to pay now might enable you to design a better ending – increasing your chances of remaining a winner for many years to come. So, the choice is yours.

Best wishes

Setlogane Manchidi

**Head: Social Investment
Investec**



TuksRugby

wen die Carltonliga... met 14 seges in 'n ry



Om 14 agtereenvolgende wedstryde in 'n top-rugbyliga te wen, klink bykans onmoontlik. Maar Tuks het dit in hierdie jaar se Carltonbekerliga reggekry en slegs die derde span in TuksRugby se meer as honderdjarige bestaan geword om in hierdie kompetisie onoorwonne uit die groot stryd te tree.

Prof Antonie de Klerk, 'n Uitvoerende Direkteur van UP, Peet Bothma, kaptein van die eerste span, en mnr Kobus van der Walt, Direkteur van TuksSport.

Tuksrugby het die Carltonbeker vir die eerste keer in 1972 gewen en daarna verskeie kere oor die afgelope dekades.

Behalwe vir die eerste span se prestasie, het drie ander Tuks-spanne ook hul onderskeie ligas in die kompetisie gewen, wat beteken dat Tuks vier uit die ses 2011 Carltonbeker-trofeë huis toe geneem het.

Tukkies het die eerste, tweede en derde ligas gewen, asook die o/20-liga, waarin die o/19- en o/20-spanne van Tuks teen mekaar gespeel het.

Die eindstryde van die 2011 Carltonbekerseisoen is op Saterdag 10 September op Loftus Versveld gespeel. Tuks se eerste span het in die eindstryd Polisie met

48-16 geklop, nadat hulle in die tweede helfte van die wedstryd vyf drieë in slegs 15 minute gedruk het.

In die tweede liga het Tuks Fezelas vir Centurion met 34-28 geklop en Tuks Pumas het 27-7 teen Centurion in die derde liga gewen. Tukkies se o/19-span het sy o/20-span met 25-22 in die o/20-liga geklop.

Graad 11-slimkoppe

neem Groenkloofkampus oor



Meer as 1 200 Graad 11-toppresteerders van 'n groot aantal skole het op 25- en 26 Augustus Tukkies se Groenkloofkampus besoek om meer te leer oor die wye verskeidenheid loopbaankeuses by die Universiteit van Pretoria (UP).

Elke jaar nooi die JuniorTukkie-kantoor van UP se Kliëntedienssentrum die Graad 11-toppresteerders van sy voederskole, asook hulle voog-onderwysers, uit om 'n spesiale funksie by te woon. Die doel van dié funksie is om jongmense aan die verskeidenheid studie- en loopbaangeleenthede bloot te stel wat by UP aangebied word.

Die funksie is oor twee dae gehou om aan soveel leerders en skole moontlik hierdie geleentheid te bied. Die skole wat genooi word, is op grond van hul studentelewering aan UP oor die afgelope vyf jaar gekies.

Die leerders is vroegoggend gegroet met ontbyt- en inligtingspakkies, asook JuniorTukkie-pette vir elkeen as 'n teken dat hulle as waardige lede van die JuniorTukkie-klub verwelkom word.

Voor die formele verrigtinge begin is, kon die leerders deur die uitstallings van al die Universiteit se fakulteite stap. Hulle kon ook sekere ondersteuningsdepartemente besoek waar Universiteitspersoneel hul gaste ingewag het om vrae te beantwoord en waardevolle raad oor student-wees te gee. Tydens die formele verrigtinge het die Universiteitskoor, TuksCamerata (onder leiding van mnr Christo Burger), en Saartjie, 'n popgroep bestaande uit vier oud-Tukkies, die gehoor vermaak en hulle letterlik op hul voete gehad.

'n Hoogtepunt vir die leerders was die motiveringspraatjie van mnr Stafford Masie, 'n eertydse Hoof Uitvoerende Beampte van Google Africa en Sub-Sahara, en dus 'n kenner op die gebied van ontwikkeling in elektroniese kommunikasie.

Ook mnr Kobus van der Walt, Direkteur: TuksSport, en bekende TuksSport-persoonlikhede het die leerders omtrent beïndruk.

Mnr Petrus Lombard, die JuniorTukkie-koördineerder, het die leerders meer oor die voordele van lidmaatskap aan die JuniorTukkie-klub vertel en het 'n DVD oor een van die JuniorTukkie-kantoor se spogprojekte, die Graad 12-voorbereidingsberaad, gewys.

Die dag is afgesluit met 'n prettige kompetisie waarin die ses beste kougomkouende onderwysers elk 'n groot prys gewen het.

Die Universiteit is bly om te sien hoe baie die leerders die dag geniet het, en is trots daarop om met hierdie puik voederskole en hul leerders verbind te wees. Die Universiteit sal voortgaan om na die beste van sy vermoë waarde tot die lewens van die land se toekomstige leiers toe te voeg.





Sustainable Food for Life

Fair showcases agricultural career opportunities

UP students and selected JuniorTukkie learners were recently given the opportunity to learn about the vast number of possible career options in the agricultural industry when they were invited to attend the **Sustainable Food for Life Career and Bursary Fair**, held at the University of Pretoria on 22 September.

The aim of the Career and Bursary Fair was to show students the different career opportunities that are available in the entire supply chain of the industry.

The Career Fair, an initiative of the Produce Marketing Association (PMA) of South Africa, was held in response to the serious shortage of young people entering the agricultural industry over the past few years. The PMA is a USA-based organisation that facilitates networking opportunities for the fresh produce and horticultural industry. The association recently expanded its activities to southern Africa.

Apart from the selected JuniorTukkie students who were invited to the event, the Career and Bursary Fair was also aimed at first-year BSc(Biological Science) students, many of whom have not yet decided on an area of specialisation from their second year onwards, and agricultural students currently registered at both the undergraduate and postgraduate levels.

The aim of the Fair was to show students and learners the different career opportunities that are available in the entire supply chain of the industry – from soil preparation, seed planting and plant protection, to harvesting, packaging, transportation, nutrition and retailing – and to encourage them to pursue careers in these fields.

A wide range of companies and organisations participated in the Fair, including

retailers, commercial growers, input supply companies, processors and industry organisations. Participating companies included Shoprite Checkers/Fresh Mark, Fruit & Veg City, ZZ2, Monsanto, John Deere, Sakata, Potatoes SA, McCain, Pannar, Starke Ayres, DuPont, Villa Crop Protection, Profert, Wenkem, Chep, Bakkavor (prepared fruit), RSA Market Agents, Hortgro, Citrus Academy, SA Table Grape Industry, SUBTROP, the Fresh Produce Exporters' Forum, the South African National Seed Organisation, GWK, Santam Agri and Standard Bank.

The companies introduced exciting career opportunities in science, research, logistics, marketing, management, public relations and consumer science. Several exhibitors, such as industry organisations, commercial farmers, retailers, processors, logistics companies, plant protection companies, and companies with products to extend shelf life, also focused on promoting careers in the fast-developing field of post-harvest technology.

Post-harvest technology refers to the handling of products after harvesting, post-harvest disease control, post-harvest entomology, pathology and product shelf life.

The PMA recently obtained funding from the Post-harvest Innovation Programme to promote career opportunities in post-harvest fields throughout the entire value chain in agriculture and horticulture. This funding will be applied to support future career and bursary fairs at other universities and tertiary training institutions, with a specific focus to attract talent to the agricultural and horticultural value chain through specialist post-harvest study fields.

To celebrate the launch of this event, the PMA hosted an industry breakfast at the Hatfield Campus before the fair. Keynote speakers included Prof Anton Ströh, Dean of the Faculty of Natural and Agricultural Sciences at the University of Pretoria, Prof Mohammad Karaan, Dean of the Faculty of Agricultural Sciences at the University of Stellenbosch, Mr Louis de Kock, MD of Wildeklawer and Chairperson of the PMA Country Council, as well as Dr Pieter Clase, on behalf of JuniorTukkie.

The Career Fair was a huge success and the organisers are looking forward to an even bigger event next year. For more information on this event, visit the PMA's website at www.pma.com.



Grade 12 JuniorTukkies get ready for student life

In as little as four days, 180 matrics who attended the third annual **JuniorTukkie Preparation Conference** gained a significant emotional, educational and social boost ahead of their final exams and in preparation of them becoming first-year Tukkie students.

The 2011 JuniorTukkie Preparation Conference for Grade 12 learners, supported by Investec, was held between 2 and 5 October. Learners who were invited to attend the Conference are top achievers, as well as learners who attended last year's Grade 11 Empowerment Week. They have already applied and received student numbers for tertiary study at the University of Pretoria for next year.

The learners attended matric preparation workshops in Science, Mathematics and Accounting, where they received valuable advice and assistance to prepare for their final exams. The Skills Lab Workshop gave them an "explosive" introduction to science, whereas a creativity course, facilitated by Chameleon Adventures, helped the learners to connect with their creative sides.



They were also accompanied on a campus tour to ensure that they do not get lost too many times in their first days as students next year, and information sessions on bursaries, residences and security matters put them even more at ease.

The learners enjoyed a visit to the library and to the faculty of their first-choice study field for an information session.

Prof Kobus Maree, a world-class researcher in educational matters, presented an emotional intelligence course. He taught the learners about the different emotional skills needed to make a success of any aspect of life, including tertiary studies. Dr Pieter Clase, Manager: Student Recruitment and Retention, gave a motivational talk entitled "Good vs great".

In the evenings, learners were entertained with games, an African drumming session and a braai. Learners stayed at Goodland Estates outside Pretoria for the duration of the Conference. The highlight of the programme was no doubt a trip on the Gautrain to Sandton and back. Jack van der Merwe, the CEO of the Gautrain project, is an alumnus of the University of Pretoria, and the learners could experience first-hand what one can achieve through big dreams and hard work.

Give a little bit...

Being smart and having good leadership skills are valuable assets for anyone to have. But being able to give some of this talent back to the community while further developing your own skills, makes it so much more rewarding.

This is exactly what the University of Pretoria offers the top students in each of its faculties through the Tuks Top Juniors and Seniors Leadership Development Programme (TTJ&S) and Students in Free Enterprise (SIFE) Programme.

UP established the TTJ&S initiative in 2004. This programme aims to empower young students who display leadership skills and academic excellence by enhancing their skills in project and time management, the handling of conflict situations, and business ethics, to name only a few. TTJ&S is affiliated with SIFE, which provides an "out of classroom" opportunity to develop these skills.

SIFE is a global non-profit organisation founded in the USA in 1975. It is based in 39 countries, on more than 1 500 university campuses with over 42 000 participating students that strive to make a positive change in millions of lives worldwide. SIFE brings together students, academic professionals and industry leaders to create a better, more sustainable world through the positive power of business.

SIFE was introduced in South Africa in 2001 and at UP in 2009. SIFE UP's achievements so far include receiving the Rookie Team of the Year Award in 2009, being crowned SIFE SA National Champions in 2010 and being among the top 16 SIFE teams in the world at the SIFE 2010 World Cup in Los Angeles, USA.

Members are recruited by dean selection in each faculty, according to academic achievement and leadership potential. SIFE UP is currently involved in nine innovative projects in Gauteng, Mpumalanga, KwaZulu-Natal and Limpopo. The three main projects are Dirty Hairy, Paradise Fruit and Veg, and Project Mpho.

Dirty Hairy is one of the most exciting projects for the students. As part of this project, research is being conducted to establish possible uses of human hair to combat the harmful effects of oil in the environment and everyday life. With this remarkable new business



opportunity, SIFE UP hopes to pave the way to achieving a progressive and environmentally conscious society.

Through the Paradise Fruit and Veg project, SIFE UP recycles fresh, unused fruit and vegetables from the Tshwane Fresh Produce Market, then dehydrates and packages this produce before giving it to local schools in the Tshwane area. The schools then sell them for a profit and use the profits to maintain a vegetable garden that SIFE UP started for them.

For Project Mpho, SIFE UP is creating social awareness about pervasive developmental disorders in underprivileged and undereducated communities (such as Garankuwa), in an attempt to foster unity and acceptance in these communities. SIFE UP educates the principals and staff of local preschools, so that they can identify and accommodate children with these disorders.

SIFE UP strives to be better by making the world a better place, seeing the needs of people, and not just projects.

Following the ancient proverb "give a man a fish and he will eat for a day; teach a man to fish and he will eat for a lifetime", SIFE UP is all about helping people by showing them how to help themselves.

Students who may not meet the criteria for TTJ&S membership, but are still interested in the programme, can apply to be SIFE members by sending an email to sifedup@gmail.com.

A student's digital swiss army tool



The University of Pretoria is implementing strategies to become a cashless campus. One of these strategies is the new and exciting cashless payment method called TuksMobi!

What is TuksMobi?

TuksMobi is a cashless payment method specifically created for UP students and personnel. The TuksMobi service is FREE of charge and comes with a transaction statement available on the cellphone.

The convenience and security factors of this payment method are priceless! Whilst on Campus you don't have to carry cash, stand in queues at ATMs or withdraw cash with the incurred costs.

Participating Vendors

You can buy at the following outlets on the UP campuses:

Food:

- All outlets on the Groenkloof, Hatfield and Prinshof campuses
- Residence dining halls: currently Kloostersaal and at the Groenkloof Campus

Books:

- Bookmark (Groenkloof, Hatfield and Prinshof campuses)
- Van Schaik and Juta Bookstore (Burnett Street, Hatfield)

Other:

- Wannabee Clothing Store (Groenkloof and Hatfield campuses)
- Tuks Student Gym
- XEROX (photocopying and printing)

At a TuksMobi participating outlet, present your student number (enter manually or via card-swipe) and enter the pin on the in-store terminal.

Cellphone-based transactions

Transact anytime, anywhere directly from a cellphone or PC*:

- Buy prepaid airtime and electricity from all the major service providers
- Pay My Account: Transfer funds to a Xerox account or pay Tuks Gym membership fees
- Person-to-Person Transfer: Transfer funds to another TuksMobi user

New Development 2012!

TuksMobi is in process of developing a multi-wallet facility for food, books, parking and general items.

Example: Money in the book wallet can only be spent on books at selected bookstores.

Make sure you are part of UP student life on Campus - use the TuksMobi service and create a convenient, cashless, and safe environment. For more info, scan the QR code.

Important!

Already have a student number? Register at www.tuksm.mobi.

*Download Opera Mini for PC on your personal computer to enable you to browse and use the TuksMobi mobi-site from your PC. Download Opera Mini for Mobiles to ensure faster browsing on your cellphone.

For more info

E-mail: helpdesk@tuksmobi.co.za
Tel: 012 420 6531
Mini-site on the UP website:
<http://www.up.ac.za/tuksmobi>

Instructions to Download the FREE, Safe and Small CliCode QR Code reader onto your mobile phone

1. Open your Internet Browser from your mobile phone.
2. Type in www.clicode.mobi
3. Your mobile phone Brand & Model should automatically be recognized if it is supported.
4. Follow the download prompts and note where the application is saved to.
5. For I-phone users go to your App store and search for the Free i-nigma reader. For BB phones, use your BBM and look for 'bulk barcode scanner' or download above.

To Activate and Use your downloaded QR Reader

1. Find where the i-nigma CliCode reader was stored.
2. Once found, 'click' on the Reader icon to automatically launch your camera.
3. The camera side must face the CliCode.
4. Position the square frame that appears on your screen over the CliCode so that it fits within the square.
5. Follow the prompts that occur.
6. In some phones the link will occur automatically. Some older phones will require you to 'take a photograph' of the CliCode and then 'click' again.



CLICODE

2011 International Day celebrates diversity



On 14 October 2011, the annual UP International Day gave South African Tukkies students and staff a taste and feel for the culture of the over 4 100 students from countries outside South Africa who are presently studying at the University.

Cultural song, dance and exhibitions, a Mr and Miss UP International competition, and many other events made up the programme for the day. A number of South African cultural group events also featured and ensured that the international Tukkies students got a better understanding of the traditions of the country they are studying in.

International Day is aimed at showcasing the cultures and traditions of as many countries as possible, thereby celebrating the rich diversity on Campus. This event has grown to become a very special and major annual event on the UP calendar, not only for the students, but also to the University and the diplomatic community in Pretoria.

This year the Vice-Chancellor and Principal of UP, Prof Cheryl de la Rey, also invited diplomats and other special guests for a morning tea, hosted by the Vice-Principal: Research and Postgraduate Studies, Prof Robin Crewe.

5 things you need to know

Institutional Proficiency Test (NBT)

The University of Pretoria expects all prospective students to write an Institutional Proficiency Test in the year before commencement of their studies. This test is called the National Benchmark Test (NBT).

It provides additional information about a student's performance in three core areas, namely Academic and Quantitative Literacy (AQL) (one three-hour test) and Mathematics (one three-hour test). The Mathematics test is also known as the Cognitive Mathematical Literacy Test (CAMP) and tests a learner's competence regarding mathematical concepts in the National Senior Certificate Mathematics I and II exam papers. Candidates write two tests, but get three results.

All students who write the NBT must write the AQL test, but the Mathematics test is only written by students who apply for programmes where Mathematics is a requirement.

All applicants must pay an administration fee.

VERY IMPORTANT: Prospective students who apply for Medicine and Veterinary Science have to write this test in June. It is very important that schools are aware of the criteria of the NBT and what the prospective students need to know. It is recommended that Mathematics teachers, in particular, are fully informed of all the important aspects of the NBT so as to include this information in their respective syllabi.

For more information, visit www.nbt.ac.za.

JuniorTukkie on the Web

The JuniorTukkie website is an important link in the communication network of the JuniorTukkie Office. From July to September this year alone, between 40 000 and 60 000 visitors clicked on the site every month. The JuniorTukkie page also has interesting links to other sites, such as the Provero study guides, the Complete Financial Aid Book and others. There is also a link to the online application form for membership of the JuniorTukkie Club. All previous editions of the *JuniorTukkie* magazine are available as e-magazines. Visit www.up.ac.za/juniortukkie and click on the relevant links, especially if you are in Grade 11 or Grade 12 and need more information on possible study and career choices. If you are looking for electronic faculty brochures, you can visit www.up.ac.za. Click on **new students** and then on **admission information**.

Study choices on the application form

It is important to note that, if you wish to apply for study programmes in the Faculty of Health Sciences or for BSc(Arch) (Architecture) and BSc(Interior Architecture) in the Faculty of Engineering, Built Environment and Information Technology, you should only indicate them as your first choice on your application form, otherwise you will not be considered for these programmes. It is also recommended that you do not indicate selection programmes as your second choice. If these selection programmes are indicated as the second choice, they will only be considered if, after the selection procedure, there are still places available in the study programmes that were indicated as the first choice. However, it is highly improbable that this will be the case, since enough applications are received for these programmes to fill them.

Herregistrasie vir JuniorTukkie-klub 2012

Alle JuniorTukkies moet kennis neem dat hulle vir 2012 moet herregistreer deur slegs hul laaste rapporte van die jaar aan die JuniorTukkie-kantoor te faks. Dit is veral die huidige Graad 11-leerders wie se rapporte ons voor 10 Januarie 2012 moet ontvang sodat dié leerders wat 'n TPT van 34 en meer het, uitgenooi kan word om reeds in die eerste twee weke van Februarie 2012 aansoek te doen.



Daar sal 'n JuniorTukkie-klubnommer aan elke JuniorTukkie toegeken word wat op die aansoekvorm ingevul moet

word. Dit is belangrik dat die nommer op jou aansoekvorm vir studies vir 2013 aangebring word.

Die voorreg om vroeg aansoek te doen sal slegs vir JuniorTukkielede geld. Daar moet in gedagte gehou word dat die Universiteit nie altyd koshuisplasinge kan doen volgens die aansoeker se keuse nie, aangesien 'n beperkte aantal plekke vir eerstejaarstudente beskikbaar is.

Aansoekers vir studies in 2013 moet ook seker maak dat hul aansoekvorms volledig voltooi is en dat 'n afskrif van hul identiteitsdokument en Graad 11-eindeksamen se rapport aangeheg is. 'n Tjek of posorder van R220 moet ook die aansoek vergesel. Indien 'n aansoek onvolledig is, kan kosbare tyd verlore gaan voordat die aansoek verwerk kan word.

Aansoekvorms sal na die skoolhoofde van die JuniorTukkielede se skole gestuur word.

Prospective students must pay a non-refundable application levy of **R220** with their applications.

Guess who did it again!



Petrus Lombard, JuniorTukkie Coordinator, and Chris Mitchell, moderator of the Excellence Awards.

Well done, JuniorTukkie!

The *JuniorTukkie* magazine was once again one of the top six finalists in the category for external magazines with a small budget at this year's South African Publication Forum competition, held on 2 September. It also received a certificate for excellence in writing. This competition awards excellence in internal and external corporate communication. This year, the competition received about 150 entries, ranging from publications and electronic newsletters to DVDs.

The JuniorTukkie Office also participated in the Excellence Awards competition at the MACE (Marketing, Advancement and Communication in Education) Conference on 6 October and won first prize in the category Campaigns: Social Responsibility, for its 2010 Grade 11 Empowerment Week. The award was shared with North-West University. The MACE competition gives recognition to outstanding performance among practitioners in higher education. Each year, tertiary institutions from all over the country enter their projects and publications into various categories of this prestigious competition.

Kwalifiseer ek om 'n JuniorTukkie te wees?

Let op! Die toelatingsvereistes vir JuniorTukkie-lidmaatskap het verander.

Om by die JuniorTukkie-klub aan te sluit, moet jy die volgende punte behaal:

- **Graad 9:** 'n Akademiese gemiddeld van 75%
- **Grade 10 en 11:** 'n Minimum Toelatingpuntuering (TPT) van 34
- **Graad 12:** 'n Minimum TPT van 32

Die vorige toelatingsvereiste van 60% gemiddeld van Graad 8 tot Graad 12 is nie meer geldig nie. Die TPT-berekening is slegs van toepassing op leerders wat die Nasionale Senior Sertifikaat (NSS) en die Onafhanklike Eksamenraad (OER) se eksamens aflê. Internasionale leerders moet die JuniorTukkie-kantoor by

junior.tukkie@up.ac.za of 012 420 6486/6606 kontak. Leerders van Graad 9 tot 12 kan nou elektronies op die web aansoek doen by www.up.ac.za/juniortukkie.

Aangesien die vakke in Graad 9 verskil van dié in Graad 10 tot 12, hoef Graad 9-leerders nie die vakke op die lidmaatskapvorm te voltooi nie. Hulle moet wel 'n afskrif van hul Graad 8- of Graad 9-rapporte saam met die lidmaatskapvorm na 086 768 1337 faks. Die Universiteit behou die reg voor om die punte wat jy verstrek met jou skool te bevestig. Jy word ook daaraan herinner om jou finale November-eksamenuitslae na die JuniorTukkie-kantoor te faks met die oog op jou herregistrasie as JuniorTukkie vir die volgende jaar.

Indien jou TPT laer as die bogenoemde vereistes is, sal jou aanlyn aansoek nie aanvaar word nie en is jy welkom om weer aansoek te doen sodra jy die vereiste TPT behaal het.



Happy Birthday

Tuks FM



Many people say that life only really starts at 30. This certainly seems to be true for Tuks FM, which celebrates its 30th anniversary this year. Having undergone a few interesting changes recently, the radio station looks forward to an exciting future, which entails much more than just playing good music.



1980

Concept of Tuks FM was established, staff recruited and first studio constructed.

1981

First transmissions on 9 February with a broadcast to the cafeteria. David Kramer launched the station with a live performance.

1982–84

RadioTuks broadcast points were extended to all residences, Onderstepoort and Health Sciences campuses.

1989

RadioTuks becomes the first campus radio station to play CDs.

1993

Broadcasts on FM (90.5 FM) during Rag and Intervarsity.

1995

Break-in, sabotage of studio and member held hostage. Awarded first one-year licence to broadcast on 107.2 FM stereo. Construction and opening of new FM studios at the Student Centre.

1996

Three journalists were arrested during a campus demonstration. It also becomes the first station in South Africa to play the *Macarena*...

1997

Rated most popular organisation on Campus with almost 60 000 listeners.

Break-in, with R25 000 damage, and lightning hits the desk.

2000

RadioTuks's name is changed to Tuks FM and the logo is revised.

2001

First live on-air birth ever in broadcasting history is organised.

2005

Barney Simon joins the station for a specialist weekly show. Station logo and identity is re-designed; pay-off line "Your Music – Your Capital" is introduced. Tuks FM becomes the official radio partner of the Woodstock festival.



What officially started in 1981 with a broadcast to the University's cafeteria is today a regionally competitive radio station with a listenership that stretches far beyond the boundaries of the University's campuses.

Tuks FM currently has a staff complement of 57, comprising DJs, traffic reporters, newsreaders, marketers, music, technical and production staff, an operations manager as well as a station manager. The station has sponsored major festivals, such as Woodstock, enjoys remarkable support in all the campaigns and events it organises, and had produced and employed some of the country's top radio talent, including radio legend Barney Simon, who started a weekly show on the station in 2005.

The year 2011 has been an especially important year for Tuks FM. The radio

station became part of the University's commercial campus initiative, Enterprises at University of Pretoria, which means that the station and its staff will get more direct support, training and opportunities from the University and professional individuals, which will be to the benefit of everyone involved.

But all this success has not been achieved without some hard work and troublesome times. In its 30 years of existence, the station has suffered numerous break-ins, a lightning strike once damaged equipment, the municipality banned one of its campaigns and news journalists were even arrested at a campus demonstration.

On the flip side, Tuks FM can brag about being the first campus radio station to play CDs and was the first to play the famous (or infamous...) *Macarena*.

Apart from growing as a competitive radio station, the whole Tuks FM family works together on one major charity project each year. Through this year's project, the Woolly Winter Campaign, the team collected clothing and donations amounting to a massive R115 000 for Pretoria's underprivileged residents. After consultation, the Tuks FM crew delivered the clothing to a children's home in Mamelodi, an alcohol and drug rehabilitation centre in Diepsloot and an old-age home supported by Solidariteit.

The radio station celebrated its success by holding a 30th birthday party at the end of October at the Arcade Empire. The celebration was combined with the annual "Rocktober" festival, which pays tribute to a different rock band each day in October.

2006
"School of Rock" launches with 90 000 SMS votes received in three weeks. Tuks FM sets a new national record for the longest broadcast by a presenter (55 hours of non-stop broadcasting by Stav Yiannakis).

2008
Tuks FM presenter wins National Radio Forum Award for best community breakfast presenter. Station sponsors Woodstock.

2009
Second compilation CD, *Most Wanted*, is launched and sells more than double that of the first album.

2010
Wins Community Broadcaster Award at the MTN Radio Awards. Voted third best radio station in South Africa at the FHM Awards. Wins gold medal in Readers' Choice Awards for the favourite radio station in Gauteng. Barney Simon celebrates his fifth year at Tuks FM.

Station donates R115 000 of clothes to the disadvantaged. Tuks FM Trust is formed as a new venture under Enterprises at University of Pretoria Trust.



Become better than the best you can be

If you are a JuniorTukkie, the chances are you don't only want to be good at what you do; you want to be great! Remember, one doesn't instantly become great – overnight success stories usually take a lot of time and effort working behind the scenes to gain the necessary experience and ultimately reach one's full potential.

If you want to become the greatest person you can be, you have to work on the following norms and values:

- personal vision
- a belief in yourself
- a desire to succeed
- courage
- perseverance
- execution
- passion

On 5 October this year, Steve Jobs succumbed to cancer. He was the founder and CEO of Apple Inc., the company that more recently gave the world the iPhone and iPad. If you want an example of a successful person, he is certainly it.

Unleash your potential

Is your best really the best that you are capable of doing? If you think that you don't have any potential, think again. Steve was the adopted son of lower-middle-class parents in San Francisco. He insisted on going to an expensive college his parents could not really afford and dropped out after only one semester. If you knew him at that stage of his life, you would probably have thought he was a loser.

However, he showed a big interest in computers and technology. A while later, Apple was born and became a large and successful company, while Steve Jobs became known as a visionary and someone who changed the world.

So how do you go about developing your potential and building a successful life and career? By awareness! You have to consciously question yourself and decide what your vision (or dream) for your life is. This can change as time and circumstances change, but at least you will have a plan.

A **belief in yourself and in your own abilities** go hand in hand with your vision, as you can only improve and develop your own abilities if you believe in yourself. From this follows **ambition** and a **desire to succeed**. Without this innate drive, you might as well sit at home and watch TV for the rest of your life!

After the first three thought processes, come four action processes. You have to have **courage** to put your vision into action (**execution**) and you need to **persevere**, no matter how tough it gets. Sometimes circumstances beyond our control move a dream out of reach, but usually it is our own decisions and degree of perseverance that determine whether we reach our dreams or not. The **passion** with which we execute the steps to reach our dreams (even if it takes years) influences and is influenced by our perseverance.

Steve had a vision. He realised early in his life that he wanted to work with computers. He was more than \$200 million strong when he was only 25. Steve believed in himself and had an overriding desire to succeed. There was a time when his own company fired him, but he simply founded NeXT, another computer business, and bought the company that would become Pixar. Initially, neither of the companies were going anywhere, but eventually Apple bought NeXT (with Steve, who later became CEO), and Pixar started work on its first feature film, *Toy Story*.

His story is also one of perseverance. From the time he was fired from Apple, his business life was in a downward spiral. That continued for about ten years until he became CEO of the company again. At that stage Apple was in trouble, and Steve turned the company around to make it the success it is today.

Be a yardstick of quality. Some people aren't used to an environment where excellence is expected.
- Steve Jobs





Bly nou 'n JuniorTukkie vir altyd

JuniorTukkie-lidmaatskap eindig nou nie meer wanneer jy 'n student word nie – jy kan as geregistreerde Tuks-student aan die nuwe JuniorTukkie-vereniging behoort en só help om 'n verskil in jou gemeenskap maak.

en om só aan ander jongmense terug te gee wat hulle ontvang het. Gegradueerde JuniorTukkies kan alumni van die Vereniging word en sal só altyd betrokke kan wees.

Die lede het 'n groot bydrae gelewer by hierdie jaar se JuniorTukkie-byeenkomste, soos die Graad 11-bemagtigingsweek, die Graad 11-presteerdersfunksie, die Graad 12-voorbereidingsberaad en baie meer. Hulle help ook met byeenkomste in hul fakulteite en met ander projekte.

Die Vereniging behels meer as net werk – die groep het reëlings getref om saam sosiale byeenkomste by te woon. Daar is ook

vroeër vanjaar 'n kamp vir die tweedejaar- tot vierdejaar-studentelede van die JuniorTukkie-vereniging gereël, wat 'n groot sukses was. Die JuniorTukkie-vereniging nooi alle 2012-eerstejaars uit om aan te sluit. Daar sal 'n verwelkomingsfunksie vir alle eerstejaar-JuniorTukkies in Maart gehou word. Die Vereniging se grootste doelwit is om 'n verskil in ander JuniorTukkies se lewens te maak.

Die nuwe JuniorTukkie-bestuur vir 2012 het dit ten doel gestel om meer JuniorTukkies te werf en om 'n groter verskil in hul gemeenskappe te maak.

Die JuniorTukkie-vereniging is aan die begin van hierdie jaar op die been gebring en spog reeds met meer as 300 studentelede. Die doel van die vereniging is om JuniorTukkies die geleentheid te gee om, wanneer hulle aan die Universiteit as studente registreer, van hul tyd en kennis terug te ploeg in die JuniorTukkie-program

DID YOU KNOW?

Any true Tukkie will tell you that the key to being a happy, successful student is to maintain a good balance between work and play. There are various organised student life activities in which you can get involved – depending on which house you join.

RESIDENCES

If you live in a UP residence, you will be part of organised student life from the first day. Each residence has its own unique way of doing things and before you know it, you'll be part of the family. Residences compete against each other on every level – from the stage to the sportsfield, so be prepared to play your part.

DAY HOUSES

If you are a "daily" (a student who lives in private accommodation), consider joining one of the exciting day houses. This includes Vividus

Below: Vividus ladies taking part in a first-year event.



Above: Olienhout, best social mens' residence for 2011.

Men, Vividus Ladies, Zeus and Luminous. Day houses offer students the chance to get involved in sport, Rag, social and cultural activities – similar to students who live in residences. Membership costs between R400 and R700 a year and you can join the day house of your choice by signing up in the Piazza during your first week at Tuks.

FACULTY HOUSES

Whether you are a day student or residence student, you can participate in the activities of your faculty house. Each faculty has its own house, which gives its students the chance to participate in organised student life. This ranges from academic guidance, and personal and professional development opportunities to community service projects, social events and even sport leagues. Faculty house membership is free of charge.

So, keep the balance and be an active Tukkie! For more information go to www.up.ac.za/studentlife (www.up.ac.za/studentelewe).



My everything, forever, Magrietjie!



At Magrietjie, Tuks's youngest women's residence, the proud traditions, fun social activities and friendships made stay with the occupants of the residence long after they walk out the doors of the "pink palace" as graduates.

Magrietjie, which turns 30 years old next year, is one of Tuks's top-performing residences. It has been crowned winners of lenkmelodienk, Sêrrie, Drastoel (11 years in a row), and has won Best Cultural Residence, Best Sport Residence, and many more awards.

The 11-storey Magrietjie building is built more like a block of flats than a traditional residence. Each floor has six mini-flats with six rooms and a communal bathroom, kitchen and living area. This year it houses 328 Tuks ladies, comprising Spikkels (first-years), Semis and Seniors. Maer-Grietjie, the residence's mascot, is lively and wilful, but not too prim and proper, narrow-minded or innocent. Maer-Grietjie and her attributes have become part of Magrietjie and all her ladies.

Magrietjie's trademark is pink, and this has to be honoured by both the current and the past occupants of the residence by wearing something pink every Thursday – even pink earrings or undies will do. The residence is also characterised by the pink Magrietjie flower, which symbolises femininity, balance and beauty.

Magrietjie has numerous special traditions that makes her stand out from other residences. These include the "huppel" of the Spikkels across the runway (the cement area in front of the building), the "knikkel-en-skitter" greeting, the "GROOT JA", and the "Seniors flikker jul ligte" traditions.

One of the major events on the Magrietjie social calendar is the "Miss Grietjie Piggy", the residence's beauty pageant. But this is no ordinary beauty pageant. It is one specially for the Spikkels' piggy banks. Each Spikkel has to make a piggy bank and fill it with money before moving into residence. A glamorous fashion parade is then held where the owner and her piggy have to portray their themes on the catwalk. The money raised from Miss Grietjie Piggy forms part of the residence's Rag fundraising. This year, Miss Grietjie Piggy raised R9 000 to help disadvantaged people.



This is over and above the other R95 000 that was collected for Rag.

Magrietjie ladies are involved in a number of other charity events as well, and recently organised a fairy tale day for kids with cancer. The ladies painted the kids' faces and dressed each of them up like a prince or princess. A former Magrietjie, Donnalee Roberts (Annelie in *7de Laan*) presented a ballet class for the princesses, and it was so much fun that even the giant *Gladiators* joined in.

Magrietjie has a special bond with each of its former ladies, like Donnalee, as well as Bertha le Roux (Emma in *7de Laan*). The former occupants often visit the residence and address the Spikkels.

These two former Magrietjies aren't the only beautiful ladies that the residence has housed – Azel van Zyl, last year's Rag Queen, is a Magrietjie, and the residence has also yielded a Miss South Africa finalist.

Magrietjie is seen as a residence in which the ladies live up to values like acceptance, integrity and mutual respect for each other. In the pink palace you will learn why the ladies live the slogan "my everything forever for Magrietjie". May you also get the opportunity to be part of this special group of ladies some time in the future!



Olympus, best academic mens' residence for 2011.



Work hard, play hard at Olympus Mens' Residence

From the moment the new “Kuikens” (first-years) walk into Olympus Mens' Residence on the Health Sciences Campus, to the moment they leave, they would have had ample opportunities to not only excel academically, but to enjoy a healthy, balanced student life.

Olympus opened its doors in 1995 as a mixed residence, but was later changed to a mens' residence. Although it is one of the youngest Tukkies residences, it already has a proud history with a number of awards and accolades under its belt. Situated on the Health Sciences Campus with outstanding facilities and an amazing view, it is the ideal home for any male student in the health sciences.

At Olympus the emphasis is on balance, giving students the opportunity to explore and enjoy all aspects of student life. The residence is honoured year after year for being the best academic residence, an

award that it received in 2011 as well. It also performs extremely well on the sportsfield and in the University's cultural events.

Olympus men compete in a variety of sports, including cricket, rugby, soccer, basketball and hockey. Their soccer and rugby teams, in particular, are well known for their good performance.

Olympus is also known for its legendary social events, such as its hosting of the ladies' residences at its clubhouse (The Crooked Surgeon). The Crooked Surgeon is a cosy place where the busy Olympus men can relax after a long day.

On the cultural side, the residence's men come together each year over Sêrrie time to steal the Tukkies ladies' hearts. As the residence usually performs well in Sêrrie, the Olympus men with beautiful voices get

their chance to shine at the nationwide Sêr Competition. The yearly lenk melodienk (first-years' concert) also provides loads of fun.

Olympus has established itself as a leading Rag residence, winning the annual float competition twice in four years, and being crowned overall Rag winners in 2010.

At Olympus, it is understood that student life is an important part of a student's development. A residence like Olympus gives each member as many opportunities as possible to enjoy themselves, explore their talents and meet as many people as possible. It is certainly a place where students can build friendships, while having the time of their lives.

For more information, visit Olympus's website at www.thehouseolympus.co.za.

Maak 'n bydrae in ander se lewens

met jou Sosiale Wetenskappe-graad

In die vorige uitgawe van *JuniorTukkie* het ons oor studies in die tale in die Fakulteit Geesteswetenskappe gepraat. Dié keer kan jy bietjie kyk wat sommige van ons toppresterders oor hulle studies in die sosiale wetenskappe sê. Studierigtings in sosiale wetenskappe wat deur dié Fakulteit aangebied word, sluit in antropologie, argeologie, kriminologie, politieke wetenskappe, sosiologie, geskiedenis, historiese en erfenisstudies, maatskaplike werk, kommunikasiepatologie, filosofie, sielkunde en sportwetenskappe. Indien jy in die kunste belangstel, moet jy nie die volgende uitgawe misloop nie!



Amy Gathercole:
Maatskapilke Werk

“Ek het my graad in Maatskapilke Werk in 2010 met lof voltooi. Ek is mal oor maatskapilke werk – nie net kan ek mense op soveel verskillende maniere help nie, maar ek kan ook 'n bydrae lewer dat hulle hulself kan bemagtig. Ek het verlede jaar my prakties by die METT-sentrum by Silverton Laerskool gedoen. Hier is ek aan speelterapie vir kinders, maar ook baie ander aspekte van maatskapilke werk blootgestel. Met vakke soos Entrepreneurskap en Maatskapilke Ontwikkeling het ek waardevolle insig gekry oor hoe die probleem van armoede in Suid-Afrika aangepak kan word. Ek het deurgaans tydens

my studies pryse gewen vir die beste student in die kursus, en die Suid-Afrikaanse Raad vir Maatskaplikediensberoepe het my verlede jaar as die beste vierdejaarstudent in maatskapilke werk in Suid-Afrika aangewys. Ek werk nou vir die Departement van Gesondheid en Maatskapilke Ontwikkeling in Mamelodi en Eersterus, nadat die Departement my 'n beurs aangebied het. My droomwerk sal wees om my eie nie-regeringsorganisasie te begin, sodat ek mense kan bemagtig om onafhanklike entrepreneurs te word, en waar ek deur vaardigheidsontwikkeling en -opleiding vir mense werk kan skep.”



Heidi Bischoff:
Sport Science

“I graduated *cum laude* in B Sport Science in 2010, and also have a Postgraduate Certificate in Education, Intermediate Phase. I have been offered interesting opportunities, such as being an assistant manager at the South African Short Course Championships (swimming). I have also been offered opportunities to become a personal trainer or to work in sport tourism. Thanks to my degree, I have helped athletes set up gym programmes, change their nutritional intake and improve their overall performance.”



Mukai Jaison:
Sociology

“I obtained a BA degree majoring in Sociology, and I am currently working towards my honours degree in this field. I love the Faculty because of its energy and the different people that make it an interesting place. I also love the weekly seminars that are hosted by the different departments because they give me the opportunity to think critically about the world. I was awarded Golden Key Society membership in 2009. I was also awarded University honorary colours in 2011. My dream job is to be the United Nations Secretary-General, but for now I will settle for being a researcher.”

Fofa Project teaches young people to

'make their voices heard'

Imagine not being able to talk. All the thoughts are in your head, but you have no way to produce intelligible words. Due to your disability, people constantly stare at you just because your words come out all wrong.



People with severe speech disabilities who live in a developing country such as South Africa are among the most marginalised people in society. Not being able to communicate also puts you at high risk for abuse and neglect.

The Centre for Augmentative and Alternative Communication (CAAC) at the University of Pretoria is the only one of its kind in Africa, and celebrates its 21st birthday this year. For 21 years, the Centre has been giving voices to the voiceless by finding communication solutions for people with conditions such as cerebral palsy, locked-in syndrome or head injuries after motor vehicle accidents or assault, for example.

Through various research projects, the CAAC aims to support and train people with speech or communication disabilities, together with their families, to empower them so that they can "make their voices heard". By facilitating communication skills, these people are developed to such an extent that they can become part of the so-called "mainstream" society and even become advocates for people with disabilities.

The Fofa Project, presented by the CAAC for one week every year, was launched in 2005. "Fofa" means "to fly" in Sesotho. The Project has two main aims. The first is to increase the participants' communication competence by teaching them to use their communication devices effectively. A communication device is a complex piece of technology, such as a laptop that uses communication software to speak, or a dedicated speech-generating device that is designed to provide voice output. A user of augmentative and alternative communication (AAC) works through a series of pictures, symbols and words to produce sentences that are spoken by the computer or device.

The second aim of the Fofa Project is to empower the participants and to improve their leadership skills, in order to enable them to become employable and capable of independent living. Few people will ask a disabled person what their future plans are, as they cannot imagine that a person with a disability can have dreams. During this Fofa Week, young adults with severe communication disabilities are challenged to dream. By working on both communication

skills and empowerment, participants are given the opportunity to visualise and communicate their dreams, and with the support of their caregivers, who also participate in the week's training, these dreams start to become a reality.

Mr Lebogang Sehako, an alumnus of Fofa, is currently a lecturer in the programme. He is also a leader in his community, an advocate for people with disabilities, and the deputy chairperson of the organisation Kgalagadi People Living with Disabilities. "Since I started to participate in Fofa, my life has changed a lot. I often hear people saying they are born-again Christians after they join a church. I say that since I participated in Fofa, I am born again, in spite of my disabilities. I want to help others get and use communication devices to make changes in their own societies," says Lebogang.

If you want to know more about the academic and other projects of the CAAC, please visit the website at www.caac.up.ac.za or contact them at saak@up.ac.za, fax: 086 510 0841 or tel: 012 420 2001.

Let Tuks Tourism turn you into a top industry professional

The BCom(Tourism Management) degree at the University of Pretoria is about much more than training "tour guides", as some may think. It provides students with a sound academic foundation in the economic and management sciences, while giving them a head start in their careers with fun, practical, industry-specific courses.

Over the years, graduates of this three-year degree programme have been employed in various sectors of the tourism industry, including the hospitality sector, tour operations, travel agencies, ecotourism and adventure operations, conference and event management, and destination development and marketing – both locally and abroad.

The focus of the degree is on the strategic management of the tourism process and the key components of tourism within the changing tourism environment. The emphasis on tourism is underpinned by courses in marketing management, business management, economics, financial management, financial accounting, business law and statistics.

A unique feature of the three-year BCom(Tourism Management) degree is that it consistently balances theory, practice and interaction with industry in an academic and systems framework. During their three years of study, students undertake various case studies, practical assignments and practical courses that are recognised, and some even presented, by the industry.

Various industry experts present practical courses and thereby give students important practical skills in key industry sectors. These include technology-based practical courses (Fidelio and Galileo) and industry-specific practical courses (Basic Tourist Guiding, Basic Catering Skills, and Fares and Ticketing).

But between all the hard academic work, students also get to have a bit of fun. So, for example, during the week of 7 to 17 September 2011, the honours students and three lecturers from the Department set off to explore one of South Africa's unique tourism destinations – the Northern Cape and West Coast. This trip exposed the students to all the aspects of tourism, thereby providing a great learning experience. The tour ended with the students attending a conference on e-tourism at the Cape Town International Convention Centre. Past student projects of this nature have included tourism initiatives in Dubai, Northern Mozambique, Namibia, Zambia and Mauritius, and have proved to be extremely successful, providing invaluable practical learning experiences for Tourism Management students.

The Tuks Tourism Students Association (TTSA) and Tuks Tourism Alumni create even more learning opportunities for the students. The TTSA is a very active group of students, involved in hosting various social functions and career enhancement programmes for all registered BCom(Tourism Management) students at UP. Tuks Tourism alumni often share their knowledge and practical experience with current students. In July 2011, Tuks Tourism alumni hosted an industry workshop for all undergraduate and postgraduate students in Tourism Management. In total, 142 students attended the workshop.

Students also have the opportunity to further their academic careers in tourism management. The honours, master's and doctoral programmes have progressed very well over the years. PhD research topics have included the branding and positioning of Zimbabwe in a changing environment, certification as an element of sustainable competitiveness, and the strategic implications of land reform for ecotourism. Since the inception of the programme in 2000, ten candidates have successfully completed their doctoral studies in Tourism Management.

EBIT students work for the community



What field of study comes to mind when you hear of projects such as building a hammock for a leopard, teaching Maths through MXit, or building a jungle gym for kids? Certainly no one would guess engineering, the built environment or information technology, but this Faculty at the University of Pretoria (UP) introduced a compulsory undergraduate module a few years ago that provides

The Community-based Project module was formally accredited by the Engineering Council for South Africa in 2006 and was one of the finalists for the MacJannet Prize for Global Citizenship in 2009.

Students may attempt the module in any one of their undergraduate years of study. They need to work at least 40 hours in the

Thus, the student's grade is awarded specifically for the quality of learning exhibited, and not for the quality or quantity of service provided.

Many of the students enrolled for this module are in their second year and are not yet qualified to conduct projects related to their specific field of study, such as electronic or mining engineering, and they are encouraged to form multidisciplinary teams with students from the various schools and departments within the Faculty, thereby learning even more.

After completion of the project, the students have to write blog reports where they reflect on what they have learned.

To read more about the students' projects and experiences, you can visit <http://blogs.up.ac.za/jcp2011/index.php>.

Our experience opened my eyes to situations, areas and people that I wouldn't have experienced in my normal day-to-day life. I learned how to handle social settings that I'm not accustomed to and that challenged my way of thinking and certain perceptions that I had. The projects in which we were involved also gave me the opportunity to see certain basic constructional elements first-hand, and showed me the success that a team can achieve by working together.

students with an opportunity to give some of their newly acquired skills and knowledge back to the community.

community, address a specific need that they identified, and transfer knowledge or a skill in the process.

The Faculty of Engineering, Built Environment and Information Technology (EBIT) at UP implemented the Community-based Project (known as JCP) as a compulsory undergraduate module in 2005, with the aim of giving students an opportunity to develop an awareness of personal, social and cultural values, and to learn multidisciplinary and life skills. Through this module, they also gain valuable communication, interpersonal and leadership skills, and learn how to solve problems in real situations. But more importantly, they provide a valuable service to the community.

This year alone 1 592 students registered for this module and 537 projects were conducted. Projects ranged from basic computer training, Mathematics and Science revision for secondary school learners, the development of websites for non-profit organisations, as well as the development of specific technology-based projects that were identified as needs in a community, for example, designing and building jungle gyms.

In assessing a student's project work, the mark allocation is based on what the student has learned and on the extent to which the learning outcomes have been achieved.

PROJECTS

Each year, popular projects include some of the following:

- Projects at the National Zoological Gardens in Pretoria
- Projects for preschools and primary schools
- Maths and Science Projects
- Projects using specialised information technology skills

Faculty of Engineering, Built Env



BIS (Information Science)

- Information and Knowledge Manager
- Chief Information Officer
- Information Broker
- Information Analyst

* If INF is elected Mathematics 5 is required

BIS (Publishing)

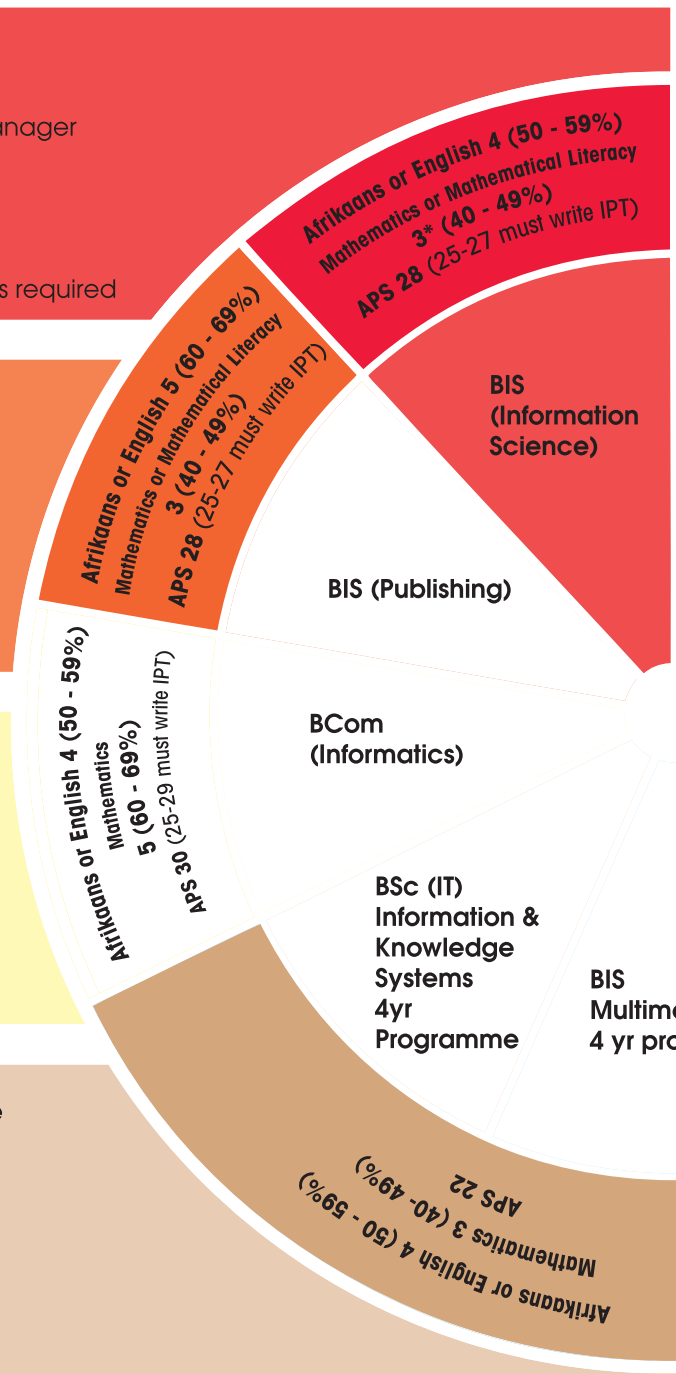
- Magazine Editor
- Copy-editor
- Corporate Publisher
- Book Designer

BCom (Informatics)

- Systems Analyst
- Information Facilitator
- Systems Developer
- Business Systems Analyst

BSc (IT) Information & Knowledge Systems 3 & 4yr Programme

- Programmer
- Software Developer
- Database Administrator
- Network Analyst



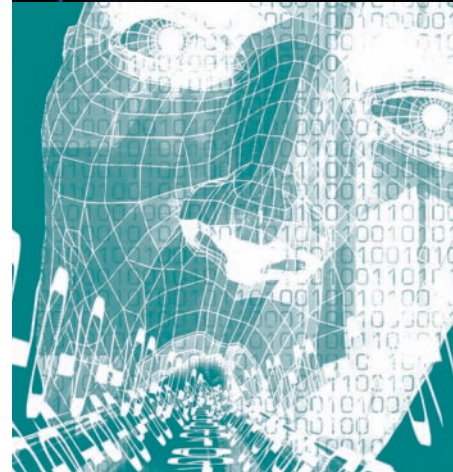
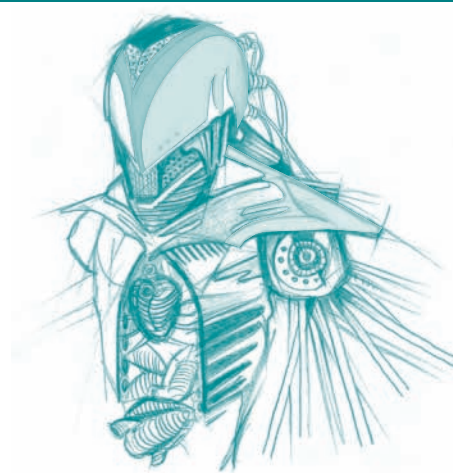
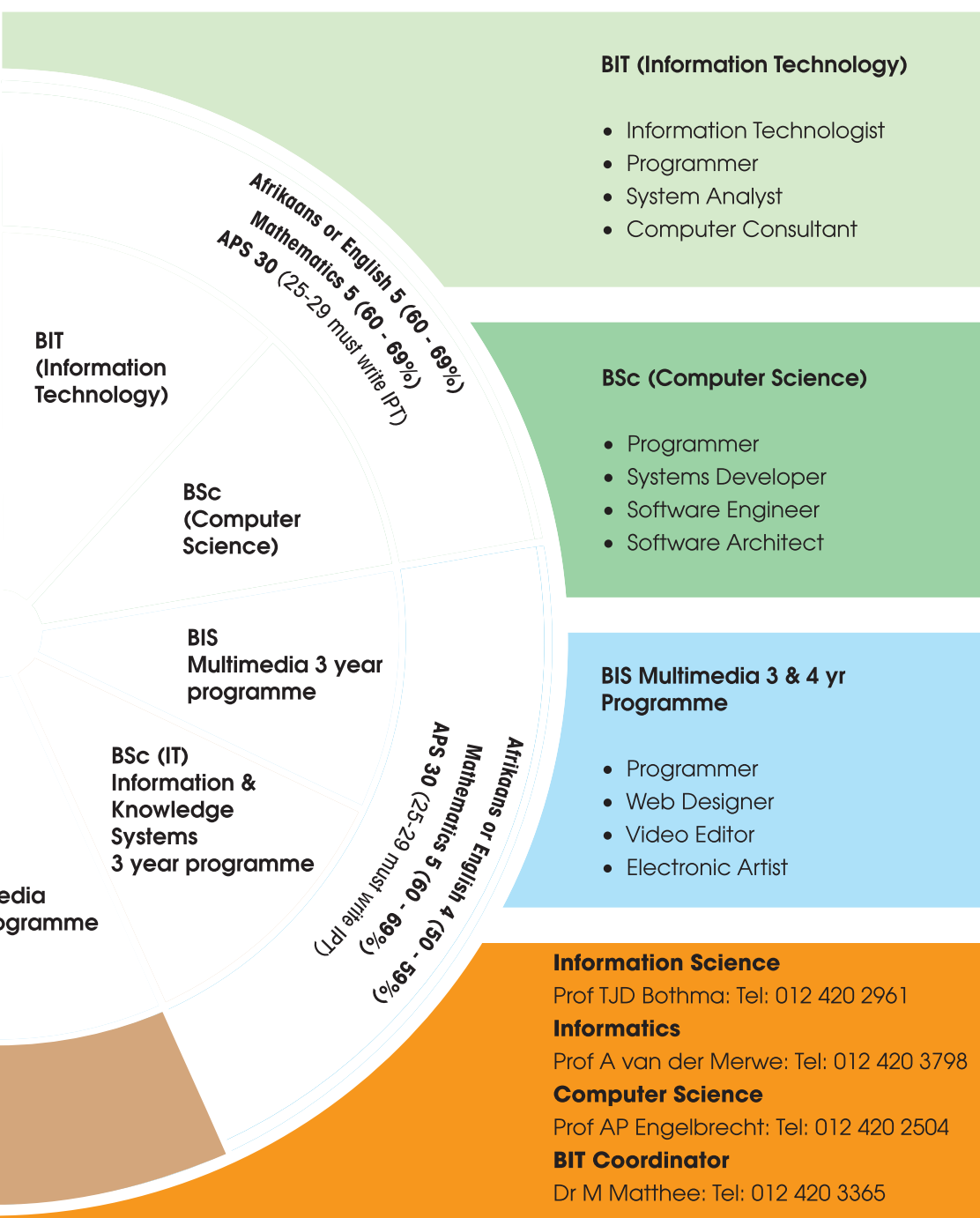
UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Faculty of Engineering, Built Environment and
Information Technology

For more information on these programmes, contact:
The Client Service Centre
Tel: 012 420 3111 Fax: 012 420 4555 E-mail: csc@up.ac.za

Environment and Information Technology

School of Information Technology



HOW MUCH DO YOU

Proudly brought to you by the Department of Animal and Wildlife Sciences, Faculty of Natural and Agricultural Sciences

Question 1: Can I study these degrees without mathematics?

- No
- Certainly not
- Never ever
- Impossible
- Under no circumstances

Question 2: How old can cows get?

- About 5 years
- About 10 years
- About 15 years
- About 25 years
- About 50 years

Question 3: If you buy some eggs, you can hatch them...

- When you leave them in the sun
- When you incubate them for 21 days at 38°C
- As long as they were never chilled
- By putting them under a hen
- Not! They were never fertilised

*I'm confused!
How was I made?*



Question 4: How many stomachs do sheep have?

- 1
- 2
- 3
- 4
- 5

Question 5: How many stomachs do chickens have?

- 1
- 2
- 3
- 4
- 5

Question 6: How many upper incisor pairs in a cow's smile?

- 0
- 1
- 2
- 3
- 4



*I don't care what you do,
I'm not smiling!*

Question 7: How much wool on a merino sheep?

- 500 g
- 1.0 kg
- ≤6.5 kg
- 12.5 kg
- 40.7 kg

*What you looking at
chop face!?*



Question 8: How much saliva does a bull produce every day?

- 200 ℓ
- 75 ℓ
- 20 ℓ
- 10 ℓ
- 200 ml

Question 9: What temperature is milk from a cow?

- 5°C
- 10.5°C
- 25.2°C
- 30.7°C
- 38.3°C

Question 10: For how many weeks are chickens pregnant?

- 3–4 weeks
- 5 weeks
- 6 weeks
- 39 weeks
- Duh! Chickens don't get pregnant!

Question 11: If we have seven neck vertebrae, how many in a giraffe?

- 7
- 14
- 21
- 28
- 50

Say what?



REALLY KNOW

Question 12: How many teats in the udders of cows • mares • ewes • sows?

2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
≥12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Question 13: An African elephant...

- Has 6 forward-migrating sets of molars, using only one set of teeth at a time
- Has a boneless 150 kg trunk with a 9 l fluid capacity
- Weighs up to 7 tons and can reach 70 years old
- Can eat 225 kg food and drink 190 l water per day
- All of these are, in fact, true!

Question 14: How many digits/toes in the foot or hindlimb of...
man • pigs • elephants • cattle • horses?

5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Question 15: How long (in metres) are the intestines of...
dogs • pigs • sheep • horses • cattle?

50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Question 16: How much fat is removed from 2% milk?

- 9%, making it very low in fat
- Only about 45%, because milk is already low in fat

Question 17: Is there really that much difference in the anatomy and physiology between man and different mammals?

- Oh yes, definitely. We are completely different
- There are a lot more differences than similarities
- We really shouldn't compare different species
- Not really, as long as it is only mammals
- No, there are far more similarities than most people realise, even with birds

Question 18: Do I really need science to study one of these degrees?

- Yes
- Certainly
- Of course
- Without a doubt
- Duh!

Which degrees?

- BSc(Biochemistry)
- BSc(Biological Sciences)
- BSc(Biotechnology)
- BSc(Plant Science)
- BSc(Ecology)
- BSc(Entomology)
- BSc(Genetics)
- BSc(Human Genetics)
- BSc(Human Physiology)
- BSc(Human Physiology, Genetics and Psychology)
- BSc(Medical Sciences)
- BSc(Microbiology)
- BSc(Zoology)

- 18 - anyone
- 17 - no
- 16 - 45
- 15 - 1.5, 20, 30, 35, 50
- 14 - 5, 4, 3, 2, 1
- 13 - all
- 12 - 4, 2, 2, 12
- 11 - 7
- 10 - duh!
- 9 - 38, 3
- 8 - 200 l
- 7 - 6, 5
- 6 - 0
- 5 - 2
- 4 - 4
- 3 - not!
- 2 - 25
- 1 - anyone

Answers:

Puleng 'vind' haar wetenskap

Een van die grootste redes hoekom leerders nie wetenskap op skool wil neem nie en voel dit is moeilik, is omdat hulle nie weet watter aspek van wetenskap hulle van hou nie. As jy eers besef watter aspek van die wetenskap jy van hou en jou "wetenskappassie" gevind het, is dit nie so moeilik nie.

Dit is die raad van Puleng Tsie (31), 'n meestersgraadstudent in Omgewingsbestuur van die Fakulteit Natuur- en Landbouwetenskappe by die Universiteit van Pretoria, wat onlangs gekies is om na Frankryk te reis om aan die Profession Culture-program deel te neem – die enigste Suid-Afrikaner vir wie hierdie eer beskore was. Dié Program behels onder meer 'n internskap van twee maande by die *Cité des sciences et de l'industrie, Universcience* in Parys.

Puleng sê wetenskap was nie altyd vir haar maklik nie, en sy het ook maar op 'n stadium daarmee gesukkel. "Wetenskap het my nog altyd geïnteresseer, maar ek was nooit goed daarmee nie. Die wetenskapkeuses op skoolvlak was ook baie beperk. Ek het ná matriek by die destydse Vista-universiteit (wat kort daarna by UP ingelyf is) vir 'n algemene BSc ingeskryf. Nadat ek oorgegaan het na die Hatfieldkampus, het ek my rigting na BSc(Biologiese Wetenskappe) verander, en dit is dáár waar ek my passie vir wetenskap ontdek het.

"Ek het besef dat, alhoewel wetenskap 'n moeilike veld is, dit belangrik is om te bepaal van watter aspek van wetenskap ek van hou en verstaan. Ek glo dat dit een van die grootste redes is waarom so baie leerders nie wetenskap wil neem nie. Ek beskou dit as my plig as wetenskapkommunikeerder om die idee dat wetenskap moeilik is, by leerders te verdryf. Wetenskap is harde werk, maar dis nie moeilik wanneer jy jou wetenskap (passie) gevind het nie," sê sy.

Afgesien daarvan dat sy onvermoed studeer aan haar meestersgraad, werk sy by Tukkie se Sci-Enza en beplan sy om 'n PhD in Omgewingswetenskap of Omgewingskommunikasie te doen.



Puleng Tsie

Die Profession Culture-program is op buitelandse professionele persone gerig wat by kulturele instellings werk en bestuursposisies binne hul plaaslike instellings beklee. Hierdie professionele persone moet, in samewerking met die gasheerinstelling in Frankryk, 'n konkrete projekvoorstel saamstel wat gegrond is op die uitruil van kennis en vaardigheid om sodoende die bande tussen die plaaslike en gasheer-instellings te versterk.

Die doel van die Profession Culture-program is om die ontwikkeling van samewerkingsprojekte en die implementering van langtermyn-uitruilnetwerke tussen openbare instellings, onder leiding van die Ministerie van Kultuur en Kommunikasie en hul buitelandse eweknieë, aan te moedig.

Puleng sal voordeel trek uit die *Universcience* se ondervinding rakende die voorbereiding en organisering van die Wetenskapfees wat elke jaar by die *Cité des sciences et de l'industrie* georganiseer word. Sy sal tydens haar internskap deel van die reëlingspan wees en terselfdertyd metodologie vir die organisasie van wetenskaplike gebeure bekom.

Puleng se raad vir leerders wat belangstel in wetenskap is: "Probeer sover as moontlik uitvind wat dit is wat jy vir die res van jou lewe wil doen – studeer iets waarin jy werklik belangstel. Praat met mense wat in soortgelyke beroepe staan. Wees ook voorbereid daarop om van plan te verander in die proses – ontgin alle moontlikhede totdat jy jou wetenskap vind."

Graad 9-opedag

leersaam en pret

Die Universiteit van Pretoria se Fakulteit Natuur- en Landbouwetenskappe beseef hoe belangrik dit is dat leerders aan soveel moontlik toekomstige studie- en loopbaanmoontlikhede blootgestel moet word, sodat hulle ingeligte besluite kan neem wanneer hulle vakke vir Graad 10 moet kies.

Om dié rede het die Fakulteit hul tweede Graad 9-opedag op 29 Julie vanjaar aangebied. Meer as 200 leerders van 12 skole, insluitend Hoërskool Waterkloof, Cornwall College en skole van Mamelodi, het hierdie leersame dag bygewoon.

Die hoogtepunt van die opedag was die wetenskapsvertoning deur mnr Eddie Jansen, 'n afgetrede Wetenskapsvakadviseur, wat met al sy interessante eksperimente bewys het hoeveel pret wetenskap kan wees.

Die Dekaan van die Fakulteit, prof Anton Ströh, het die dag se aktiwiteite met 'n verwelkomingsboodskap aan die leerders en onderwysers begin. Hy het die noodsaaklikheid van goeie vakkeuses vir 'n bevredigende loopbaan benadruk en ook sy hoop uitgespreek dat al die leerders wat die opedag bygewoon het, in die toekoms Tukkies sou word.

Mnr Petrus Lombard van die JuniorTukkie-program het 'n DVD aan die leerders gewys. Hy het ook verduidelik hoe die JuniorTukkie-program werk en die voordele van JuniorTukkie-lidmaatskap met die gehoor gedeel. Me Samantha Pretorius, 'n dosent in die Departement Versekerings- en Aktuariële Wetenskap, het 'n oorsig van die verskillende studieprogramme en die toelatingsvereistes vir die onderskeie grade in die Fakulteit gegee.

Mev Marianne van der Laarse van die internasionale Produkbeoordelingsvereniging het die leerders met haar entoesiastiese aanbieding aangemoedig om 'n loopbaan in die landbousektor te oorweeg. Sy het die groot hoeveelheid interessante, skaars vaardighede in hierdie sektor uitgelig.

Die onderskeie departemente van die Fakulteit Natuur- en Landbouwetenskappe het uitstallings gehou waarna leerders kon kyk om meer kennis oor die verskillende departemente te bekom.

Die dag is afgesluit met 'n ete wat deur die studente van die Departement Verbruikerswetenskap voorberei is en deur die Fakulteit geborg is.

Me Marié Venter, senior skakelpraktisyn van die Fakulteit Natuur- en Landbouwetenskappe en organiseerder van die Graad 9-opedag, het gesê die positiewe terugvoer wat van beide leerders en onderwysers ontvang is, het bevestig dat hierdie tweede Graad 9-opedag selfs meer suksesvol as die eerste een was.

Regs: Mnr Eddie Jansen, 'n afgetrede Wetenskapsvakadviseur, het met allerhande eksperimente gewys dat wetenskap pret kan wees.



Graad 9-leerders kry die geleentheid om deur die uitstallings te loop en meer kennis oor die verskillende departemente van die Fakulteit te bekom.



JuniorTukkie wen Meiring Naudé-gedenkmedalje by 2011 Eskom Ekspo

Die Eskom Ekspo vir Jong Wetenskaplikes se hoogste toekenning, die Meiring Naudé-gedenkmedalje, is hierdie jaar aan 'n JuniorTukkie, Sally-Anne Smart, toegeken vir haar Wiskunde-projek wat byna 100 000 leerders bereik het en vele leerders se Wiskunde-leervermoëns verbeter het.

Die Eskom Ekspo vir Jong Wetenskaplikes is 'n kompetisie waartydens leerders van regoor die land die geleentheid kry om hul eie wetenskaplike navorsing ten toon te stel en hul bevindinge met ander leerders, onderwysers, beoordelaars en almal wat belangstel, te deel. Ná plaaslike en streeksronde van die kompetisie neem die finaliste aan 'n nasionale eindronde deel waartydens die uiteindelijke wenner van die kompetisie gekies word.

Sally-Anne is 'n Graad 12-leerder aan St Andrews' School in Welkom. In haar projek, getiteld *Getting it Right*, het sy die beperkinge van Intermediêre Fase-leerders met die aanleer van die volgorde van bewerking in Wiskunde (die BODMAS-beginsel) ondersoek. Sy het veral gefokus op maniere waarop die beginsel aangeleer kan word deur verskillende leerstyle saam te gebruik.

Sy het 'n kreatiewe leerinstrument ontwikkel wat kleur, klank, visuele assosiasie en beweging insluit. Daarna is die instrument getoets en die geldigheid daarvan in skole van die Lejweleputswa Onderwysdistrik bepaal. Die projek het ook bepaal in watter graad die BODMAS-leerinstrument die grootste aanvanklike effek kon toon en in opvolgtoetse die beste resultate met betrekking tot die behoud van kennis gehad het. Leerders in Graad 6 het die beste uitkomst getoon met standaardafwykings wat beduidend en progressief tydens alle evalueringstoetse geskui het.

Met hulp het sy ook die geleentheid gehad om die BODMAS-leerinstrument aan Wiskunde-onderwysers, en later aan vakadviseurs en streeksdirekteure, bekend te stel. In die proses het die studie 97 900 leerders in een jaar bereik. Die BODMAS-leerinstrument was effektief in beide Afrikaans en Engels as onderrigmedium.



Sally-Anne Smart met die Meiring Naudé-gedenkmedalje, saam met Prof Rosemary Gray by die 2011 Eskom Ekspo vir Jong Wetenskaplikes se Nasionale Eindronde.

Prof Rosemary Gray, wat die Meiring Naudé-gedenkmedalje aan Sally-Anne toegeken het, het in die sitaat gemeld dat Sally-Anne uitstekende teoretiese kennis en eksperimentele navorsingsmetodologie in haar projek gebruik het om 'n beduidende impak te kon maak op leerders en onderwysers in die aanleer van hierdie belangrike wiskundige beginsel.

Agricultural and Food Sciences

Department of Plant Production and Soil Sciences

Academic programmes

Undergraduate:

BSc(Agric) : Applied Plant and Soil Sciences

Postgraduate:

BSc(Hons) : Environmental Soil Science

BSc(Agric)(Hons) : Plant Production

BInstAgrar(Hons) : Plant Production

MInstAgrar : Agronomy

: Horticultural Science

: Pasture Science

MSc : Soil Science

MSc(Agric) : Agronomy

and PhD : Horticultural Science

: Pasture Science

: Soil Science



Research focus areas

Agronomy

Field and Vegetable Crops
Industrial Crops
Irrigation
Plant-Soil-Water Balance Studies
Weed Management

Horticultural Science

Biofuels – Oil Tree Crops
Fruit Tree Crops
Medicinal and Aromatic Plants
Ornamentals and Cut Flowers
Nursery Management

Range and Forage (Pasture) Science

Integrated Environmental/Agricultural Management
Land Rehabilitation, Reclamation and Restoration
Integrated Natural Rangeland (Veld)/Animal Management
Integrated Pasture/Animal Management
Biofuels – Biomass Crops

Soil Science

Environmental Soil Chemistry
Environmental Soil Physics
Environmental Soil Biology
Plant Nutrition
Soil Classification

Career opportunities extension services, etc

Education and training

at universities, colleges and schools

Research and management

Research institutes
Governmental departments
Seed, fertiliser and agrochemical companies
Municipalities
Mining industry
Nurseries
Commercial production units

Extension services for technology transfer

Grower Associations
National and provincial departments of:
- Agriculture, Forestry and Fisheries
- Environmental Affairs and Tourism
- Minerals and Energy
- Water Affairs

Entrepreneurial

Consultant
Production (land owner and nursery)



Let's talk about your future ...

Department of Geography, Geoinformatics and Meteorology



COMMUNITY engagement

research OUTPUT

Centre for Environmental Studies

University of Pretoria Water Institute

Centre for Geoinformation Science and Unit for Geoinformation and Mapping

Multiple careers

Multiple careers

Learners have their day in **Court**

Who said that only the best qualified law professionals can argue in the Constitutional Court?



Thanks to the National Schools Moot Court Competition, a selected number of learners from across the country will have the opportunity to argue a fictional, yet realistic case in the Constitutional Court, before the Court's actual justices, in April next year. A moot is a role-play exercise in which participants act as lawyers in a fictional court case. This year's Competition, which took place in March, was so successful that it was decided that even more schools should participate in the 2012 Competition.

The Moot Court Competition is a joint venture between South African universities, the South African Constitutional Literacy and Service Initiative (CLASI), the South African Human Rights Commission, the Foundation for Human Rights, and the departments of Basic Education, and Justice and Constitutional Development, among others. Entries for the second Moot Court Competition will close on 15 December 2011 and the finalists will have their day in court on 29 April 2012.

The aim of the Competition is to promote greater awareness of the Constitution and to develop learners' interest in the legal profession.

Entries are open to Grade 10 learners from all secondary schools in South Africa. Each school can enter one team, comprising two learners. Teams have to write two short essays setting out the opposing sides of the fictional case, which will be assessed by a panel of experts.

The nine best submissions in each of the nine provinces will be identified and the selected learner teams will participate in the provincial oral rounds during March 2012.

Consequently, the four best teams from each province will proceed to the national oral rounds in Pretoria in April 2012. The two provincial winning teams with the highest scores will compete against each other to determine an overall winning team in the final round in the Constitutional Court on 29 April 2012. The University of Pretoria received praise from various circles – from the learners and teachers to the Office of the United Nations High Commissioner for Human Rights (OHCHR) – for its efforts to successfully host this year's Competition.

Prof Christof Heyns, United Nations Special Rapporteur on extrajudicial, summary or arbitrary executions of the OHCHR is of the

opinion that "the Schools' Moot Court has proven itself to be a highly enjoyable and educational way of promoting the values of our Constitution among learners and their communities. We hope that it will expand to reach all schools in the country".

One of the participants, Desmond Mokoena from the Free State, said that months later he still has the Competition on his mind. "I am still filled with the same spirit, if not more, as I was during the actual Competition. The opportunity afforded to us was the most enlightening journey of my life and I will be forever grateful, not just for the Competition, but for the platform it provided to interact with dozens of other young people who shared my passion."

Another student, Kananelo Manyane from Ficksburg High School, said the Competition should become an annual event. "The Competition is doing a very important thing for our generation. I have learned that no matter how old you are, if you work hard, you can do anything and make a difference."

Rhino Republic

steps in to stop rhino poaching

With the current rhino poaching crisis in South Africa, the men from the Republic of Olienhout decided that they cannot wear their Olienhout emblem (featuring a rhino) on their chests and walk past their rhino mascot every day without making a contribution to the fight against rhino poaching.



The Olienhout residence was declared a Republic in 1988 and has ever since been known as the Republic of Olienhout. A Cabinet of 12 men leads the Rhino Republic, comprising the State President, Deputy State President, ministers and ambassadors. The rhino became the residence's mascot shortly after it was established. It also features on their coat of arms, together with the Olienhout tree.

The rhino serves as a symbol of strength and courage for the residence – the Olienhout men are reminded of this every day as Rodney, a life-sized statue of a rhino outside the main entrance to the residence, greets them every morning on their way to class.

The Olienhout men decided that they can no longer wear the rhino on their chests and rely on it as a symbol of strength and courage, yet turn a blind eye to the ever increasing rhino poaching crisis. This year alone, over 300 rhino have been slaughtered in South Africa.

As a first step, Olienhout partnered with stoprhinopoaching.com. Their first initiative was to hold a Rhino Week in an attempt to create ongoing awareness about the rhino poaching crisis and to raise money for stoprhinopoaching.com. These funds will be used to train and equip an armed ranger, a costly exercise of approximately R30 000. Their aim is to raise this amount by the end of 2011. Olienhout will then adopt the ranger as their own, supply him

with Olienhout attire and interact with him in the years to come.

The Rhino Week, held between 22 and 30 September, was a huge success and there was amazing support from the students and the general public. Olienhout aims to make Rhino Week an annual event and vowed to continue working with stoprhinopoaching.com to raise funds for many years to come.

The residence plans to undertake projects at a number of game reserves where they hope to provide extra manpower for various tasks. They also plan to visit rural schools with stoprhinopoaching.com, where they will educate children about the importance of preserving the country's rhino.

Rhino Week

Thursday 22 September: The first ever Rhino Week started on World Rhino Day with the Republic of Olienhout singing their anthem proudly in the centre of the Piazza on the University of Pretoria's Hatfield Campus. They set up a stand in the Piazza and sold arm bands, stickers, shirts and key rings, all available through stoprhinopoaching.com. They also put up posters and presented a slide show to educate people about the rhino poaching situation.

Friday 23 September: An anti-poaching party was held at Herr Gunter's in Hatfield Square. Herr Gunter's let Olienhout set up a stand to sell stoprhinopoaching.com merchandise and also agreed to sponsor R2 per drink on selected drinks sold between 21:00 and 23:00.

Saturday 24 September: Olienhout helped at the Jacaranda 94.2 and stoprhinopoaching.com fund-raiser in Brooklyn Mall. A big purple rhino silhouette was laid on the floor for people to place donations on, and stoprhinopoaching.com merchandise was sold.

Tuesday 27 September: Olienhout, joined by their Rag partners, Katjiepiering, undertook the new Hatfield Campus fitness trail in full hiking and rhino gear to create awareness on rhino poaching.

Thursday 29 September: Olienhout hosted a Rhino Rangers' Party at the Olienhout Clubhouse. The number of students who showed up proved how widely supported this initiative is. All the profits of the evening were dedicated to saving rhinos.

Friday 30 September: The Procurement and Supply Management Department of Sasol Oil invited stoprhinopoaching.com to raise funds at their World Heritage Day celebrations. [Stoprhinopoaching.com](http://stoprhinopoaching.com) was unable to attend this due to a project in Hermanus, and Olienhout filled in. Besides creating awareness among Sasol employees, a total turnover of R6 140 was made from sales alone, and the Procurement and Supply Management Department donated a further R700 to stoprhinopoaching.com.



Above: Some of the Olienhout men who participated in Rhino Week.
Below: The first ever Rhino Week in full swing in the Piazza.



**“According to
www.stoprhinopoaching.com,
363 rhino have been poached so
far this year alone.”**

Bits and pieces

from the OVAH...

The Faculty of Veterinary Science of the University of Pretoria has its own hospital that provides continuous in-house clinical training for all final-year veterinary science and veterinary nursing students. This Hospital is known as the Onderstepoort Veterinary Academic Hospital (or the OVAH). Three private clinics (the Exotic Animal Clinic, the Ophthalmology Clinic and the Dental Clinic) also operate from the OVAH. The hospital provides expert care to both domestic and production animals living in the surrounding urban and rural areas.

Apart from the Exotic Animal Clinic, wildlife and poultry are usually an uncommon sight in the OVAH. Except recently, when there seemed to be something unusual around every corner...

It started

when Radiology called to say that there was a chicken at Ultrasound. Well, this was a first, so off the vets went to observe a very sick Hyline hen (an Exotic Animal Clinic patient) receiving an ultrasound of her egg canal. Egg peritonitis was strongly suspected (a usually fatal septicaemia caused by an egg rupturing inside the canal). The owners of the chicken wanted their pet chicken saved, whatever the cost, so Dr Dorianne Elliott, the owner of the Clinic, subsequently operated and removed the ruptured egg, drained the pus and flushed the egg canal. The procedure is generally unsuccessful, so the prognosis was very poor, but this chicken wasn't chicken! Much to everyone's surprise, Madame Hen survived, and within a few days was perky, gobbling mealworms, and was sent home to her grateful owners.



Then two four-month-old tiger cubs came in to Radiology for follow-up radiographs to monitor their physical progress, after both siblings had been diagnosed a couple of months previously with pathological fractures caused by incorrect feeding. X-rays confirmed that their bones were healing nicely, although the same couldn't be said for their temperaments, which remained wild and uncooperative (thank goodness for general anaesthesia).

Later the same morning, staff were told that there was a caracal cub at Small Animal Medicine that had been driven to Onderstepoort from Lephalale (Ellisras), as it had a weepy eye. This turned out to be feline herpes virus. In addition, and this was of much greater concern, a diffuse swelling was noticed under the skin around its throat. The cub was tame and lived on a farm together with a leopard cub of the same age and the two apparently played incessantly. It transpired that the swelling was due to a small tear in the caracal's larynx, caused by the play bites of the bigger, heavier leopard cub. The caracal was treated and sent home with strict instructions to the owner to immediately find the caracal a different, gentler playmate.



Finally, staff were asked to take a photograph of a tortoise receiving a CT scan... yes, really! The poor tortoise was certainly dwarfed by the scanner, but was actually a model patient because it didn't move an inch. It just stayed put with its head tucked safely under its shell out of harm's way. The tortoise was suffering from life-threatening pneumonia and was very sick indeed,

but it managed to get sweet revenge for the stressful day it was having.



After the CT scan, the tortoise was taken back to the Exotic Animal Clinic where Dr Elliott was waiting to medicate it and give it intra-peritoneal fluids. The canula was duly inserted, when the tortoise suddenly decided that enough was more than enough and promptly flexed its steely legs, trapping Dr Elliott's finger tightly between a muscular hindlimb and a very solid shell. Minutes later, the finger was still trapped and Dr Elliott was in pain and less than impressed with her patient (and even less impressed with her unsympathetic staff who were laughing too much to help her!). Several more minutes passed before the tortoise was persuaded to release its "prey", and the offending finger finally emerged, looking rather blue and bruised. At last, the tortoise could be treated, Dr Elliott's finger stopped throbbing and the staff drifted away, replete with a welcome overdose of laughter.

Nope,
life is never boring in the OVAH!

looks after JuniorTukkies' eyesight

"A lot of us did not even know that we had eye problems, and some of us knew, but never took it seriously... I am sure that these glasses will truly help me in my studies. It is really good to know that there are people out there who really take an interest in the challenges that other people face."

These are the words of just one of the over 200 learners whose lives have been changed by a partnership between JuniorTukkie and the Ster-Kinekor/Spec-Savers Vision Project.

At the 2009 JuniorTukkie Development Week for Grade 11 learners, members of the JuniorTukkie Office noticed that some of the learners were finding it difficult to read from the computer screens. This prompted them to test Grade 11 learners for possible vision-related problems during the 2010 Grade 11 Empowerment Week. Of the 40 learners who were tested, 22 were found to have problems with their vision.

The JuniorTukkie Office, with the assistance of Ms Linda van Wyk of the Department of Institutional Advancement, contacted the Ster-Kinekor/Spec-Savers Vision Project to partner with them to help members of the JuniorTukkie Club get the spectacles they need.

During the Grade 12 Preparation Conference in October 2010, 200 JuniorTukkie learners had their eyes tested. This resulted in 69 learners each receiving a pair of spectacles free of charge. Each of the 200 learners also received a free Ster-Kinekor movie ticket.

A further 181 learners had their eyes tested during the Grade 11 Empowerment Week in 2011, and 79 of them received new spectacles. At this year's Grade 12

Preparation Conference, 133 eye tests were conducted and 69 learners received spectacles.

Thanks to the contributions of Investec, Ster-Kinekor, Spec-Savers and the Client Service Centre of the University of Pretoria, there is already a noticeable difference in the performance of students who have been assisted in this way. One student that was robbed of her books, purse and glasses one evening, received a new pair of spectacles at no cost through this partnership.

The role-players in the project aim to have the eyes of all first-year students on Campus tested annually and to supply free spectacles to those students who need them. In this way, the JuniorTukkie Office hopes to ensure that more students have good reading abilities. It also aims to create greater awareness among students of the importance of having one's eyes tested regularly.

Every time you watch a movie at Ster-Kinekor, you are making a contribution to a worthwhile cause, as a percentage of the price of your ticket goes towards helping someone to see better.

Meanwhile, the Primedia Foundation has also made a sponsorship of R250 000 to the University's Vision 2020 Eye Care Clinic for 250 cataract operations. The Clinic performs more than 1 200 cataract operations a year.



Diens vir studente met spesiale behoeftes



Studente met spesiale behoeftes is nie net spesiaal omdat hulle fisiese gestremdhede of leerprobleme het nie, maar ook omdat hulle ten spyte daarvan dikwels beter presteer as hul klasmaats wat nie gestremd is nie.

Studente met fisiese gestremdhede soos parapleë en kwadrupleë, blinde en dowe studente, swaksiende en gehoorgestremde studente is deesdae glad nie so 'n ongewone gesig op Kampus nie. Hierdie studente laat hulle nie sommer afskrik deur hul liggaamlike beperkings nie, en is juis gemotiveerd om hul volle potensiaal te bereik. Die Universiteit probeer dus om hulle te help waar moontlik om hulle lewens op Kampus en in hul studies so maklik moontlik te maak.

In 2002 is die Eenheid vir Studente met Spesiale Behoeftes in die Afdeling Studenteondersteuning gestig om hierdie studente by te staan met hul studies. Vir gesiggestremde studente het die Eenheid 'n laboratorium met rekenaars wat met groot skerms en spesiale sagteware toegerus is.

Die JAWS-program werk met klank, terwyl die Zoomtext-program die studiemateriaal vergroot. Daar is ook 'n Braille-drukker wat verseker dat blinde studente die studiemateriaal in 'n Braille-formaat kry.

Benewens die Eenheid, probeer die Universiteit die Kampus rolstoelvriendelik maak. Sekere koshuise is spesiaal ingerig om studente in rolstoel te akkommodeer, en daar is toeganklike ingange en badkamers. 'n Bewusmakingsdag word jaarliks gereël om studente en dosente bewus te maak van die behoeftes van hierdie studente, sowel as die eise wat aan hulle gestel word. Die rolstoelresies waaraan studente en dosente deelneem, is groot pret, maar dit laat die "gewone" studente gou beseft dat hul vriende in

rolstoel vaardighede het waarvan hulle nie eers geweet het nie.

Studente met spesiale behoeftes is goeie presteerders wat hul plek al hoe meer in die samelewing volstaan. Carina Venter, die Eenheid se eerste blinde student in 2002, is tans besig met haar doktorsale studies aan die Oxford-universiteit in Engeland. Daar is ook talle ander studente wat sukses in hul loopbane behaal.

Studente met spesiale behoeftes is vir almal 'n aansporing en inspirasie, en Tukkies streef daarna om hulle ook te ondersteun om hul volle potensiaal te ontwikkel.

Bekende Suid-Afrikaners met gestremdhede:

- Natalie du Toit (geamputeerde swemmer, wenner van goue medaljes by die Paralimpiese en Statebondspele, deelnemer aan Olimpiese Spele)
- Terence Parkin (dowe swemmer, wenner van silwer medalje by Olimpiese spele)
- Oscar Pistorius (geamputeerde atleet, gebore sonder fibula in beide bene, wenner van goue medaljes by Paralimpiese Spele, deelnemer aan aflos saam met liggaamlik geskikte atlete by Wêreldkampioenskappe)
- Wilma Newhoudt-Druchen (eerste dowe vroulike Suid-Afrikaanse Parlements lid)

Internasionale sterre/helde met gestremdhede:

- Richard Branson (disleksie; stigter van Virgin-groep)
- Winston Churchill (spraakgebrek; Britse staatsman)
- Franklin D Roosevelt (verlam ná siekte; VSA-president)
- Tom Cruise (disleksie; akteur)
- Albert Einstein (leerprobleme; wetenskaplike)



Mamelodi clean-up on

Mandela Day



University of Pretoria staff and students, together with the Mamelodi community, local schools and non-governmental organisations, got their hands dirty on Mandela Day in a 67-minute clean-up campaign in the area surrounding the University's Mamelodi Campus.

This clean-up campaign was about more than just physically cleaning the area – the longer-term goal was to encourage the community to work together to recycle, as this will not only keep their surroundings clean, but also help to protect the environment.

When addressing the participating learners and members of the Mamelodi community, Prof Cheryl de la Rey, Vice-Chancellor and Principal of UP, said the University celebrated this day as it is committed to the values that the former President of South Africa, Nelson Mandela, has upheld throughout his life. She said that the event also served to help people realise that everyone has the ability to bring about a positive change in the lives of others. Furthermore, UP made a commitment to the Mamelodi community to create environmental awareness, particularly around the importance of recycling.

Top: Prof Cheryl de la Rey, Vice-Chancellor and Principal, gets stuck in.
Middle: People on a mission: the Mamelodi community and UP students join in the clean-up.
Bottom: Prof Gerry Swan, Dean of the Faculty of Veterinary Science, also took time to do his bit.



Krêkvars Student Arts Festival lures thousands to UP theatres



In July every year, both established and up-and-coming artists get the opportunity to showcase their talents at the Krêkvars Student Arts Festival, hosted by the University of Pretoria's (UP) Drama Department. This Festival is widely supported, and this year attracted the largest number of people in the event's history.

According to the organiser of Krêkvars, Christopher T Almeida, a record number of just under 7 000 tickets were sold for the 11th annual Krêkvars Festival, which took place between 25 and 30 July. This year's Festival featured more than 40 new, original works, ranging from cabaret, physical theatre, comedy and drama, to short films.

Krêkvars entries are open to everyone, but the majority of entries are from students. This year's line-up included productions from UP, the Tshwane University of Technology, the Performing Arts Lifestyle Institute (PALI), as well as performances by established artists. The performances were held in the Masker and Lier theatres on the Hatfield Campus, as well as in the Chapel on the Campus. The Festival's official "kuiertplek", the Bok, offered exciting activities each evening.

The Krêkvars Festival is the highlight of the UP Drama students' year and both past and present students always make an effort to attend. "The students spend months writing scripts, rehearsing and creating their very own productions. They start talking about the next Festival just weeks after the current Festival has finished, and they speak about the 'iconic' productions for years after," says Almeida.

The first-year UP Drama students form the technical crew for each venue. The other students in the Department are free to

participate, but the honours students have to direct a show, with third-year students as actors. This forms part of their directing curriculum.

The UP Drama Department's 2011 Standard Bank Ovation Award-winning production, *As Night Falls* (choreographed by Nicola Haskins), was the most successful show at this year's Krêkvars. It was inspired by the life of Helen Martins in her later years at her Owl House in Nieu-Bethesda. The play examines

her obsession with light and darkness, and explores the tension between her and the society in which she existed.

Almeida says the Krêkvars Festival allows drama students to experience real-world production and creative logistics of theatrical performances in a safe environment. "The Festival is created, organised and managed by students and ties in with various aspects of the Drama Department's programme. Drama students live for Krêkvars."

Top: Estelle Fouché in a scene from *Coupé*.

Bottom, clockwise: Mariza Engelbrecht and Danielle Hooman in *Wegkruipertjie*, Danalia Borman in *Skuldery*, Eric Vilakati in *For bread and humanity*, and Edwin lamola and Kimberley Graham in *The waiting room*.



Appreciate the **art** on UP campuses

Did you know that the sculpture collection that forms part of the University of Pretoria Art Collection is the largest in South Africa? Next time you set foot on one of the University's campuses, take a closer look at the sculptures that are placed across the open spaces. They were made by some of the country's most esteemed artists. Over the next few issues of *JuniorTukkie*, we will be telling you a bit more about some of these artworks and their creators.

Angus van Zyl-Taylor:

"Centenary Sculpture" and "Three Men"

For the University's centenary celebrations in 2008, Tuks alumnus Angus van Zyl-Taylor was tasked with creating a special sculpture for the University.

He created four individual sculptures, each comprising a granite column with bronze, spherical forms



Keith Calder:

"Elephants"

The sculpture of two elephants that can be seen in the entrance hall to the Administration Building on the Groenkloof Campus was created by Keith Calder. Calder, who was born in 1959, created this sculpture as the mascot of the Normaal Kollege Pretoria in Groenkloof. The work became part of the University's collection when the two entities were amalgamated in 2001.

of varying sizes that were placed in the area between the Merensky Library and the entrance to the Humanities Building on the Hatfield Campus. The four sculptures represent the four time periods in the University's history: the foundation years (1908 to 1929), the establishment years (1929 to 1948), the expansion years (1948 to 1981) and the transformation years (1982 to 2004). The spherical forms, which increase in size, represent the growth of the University from its fledgling years to the full maturity that it has achieved today. Highlights from these periods can be seen on the brass spheres in each granite column.

The sculptor donated three additional sculptures to the University for the centenary celebrations, which feature men holding the history of the University in their hands.

Two of these granite features were placed in Centenary Lane (in front of the Agriculture Building) and the third near the Musaion.



Leap your way to a better mind and body

Finding your way around Campus has just become a whole lot easier with a fun new board game, developed especially for UP.

Designed by Heritage and Cultural Studies honours students to promote the Campus's new fitness trails, the board game is intended to familiarise staff, students, alumni and prospective students with the historical, cultural, academic, sporting and social aspects of the University in an interactive way.

As far as can be ascertained, this board game is a world-first in terms of it being generated by students, focused on a university and based on a fitness trail.

The new wheelchair-friendly campus trails that form the basis of the board game were officially opened on 4 October. The fitness trails were the vision of the Vice-Chancellor and Principal, Prof Cheryl de la Rey, who wanted to create an opportunity for staff and students to exercise and relax in a safe environment.

There are two trails, one marked with yellow buck footprints (2,1 km), and one marked with red buck footprints (3,85 km). There is also a blue alternative route with lion footprints for fitter individuals who are up to the challenge of climbing stairs and doing tougher cardiovascular exercises.

The routes cross over the Hatfield and the South campuses in a figure-of-eight format. The yellow footprints are mainly on the eastern side and the red route is mainly on the western side. The official starting point of the trails is south of the Student Centre. The routes were designed in such a way that anyone who wanted to go for a walk over lunchtime could easily access one of the routes from the buildings in which they work.

The game consists of a playing surface with two sides, which represent the two fitness trails at the University. The objects that each player uses to progress in the game represent the different faculties. The use of two dice, as well as "activity", "chance" and "question" cards, completes the unique characteristics of the game. The honours students, doing primary research on the history and development of the University for UP Campus Tours, devised more than 1 000 University-related questions and activities to include in the board game.



Why the buck and lion footprints?

The footprints that were painted on the paving for the trails were inspired by the sculptures of the red lechwe in front of the old Humanities building, and the steenbok in front of the Administration building. The alternative blue route, marked with lion footprints, is meant to create the impression of a lion chasing a buck.

crowned best in the country



The four boys in the TuksSport High School golf team made an incredible comeback in this year's National High School Championships, winning the honours after being five shots behind and in third place halfway into the 36-hole tournament.

The 2011 National High School Championships took place on 8 and 9 August at Mount Edgecombe Country Club. It is a prestigious tournament in which the top high school regional winners compete to be crowned the best in the country.

The Tuks boys, Teagan Moore, Mike Scott, Grant Hudson and Jason Smith, performed well on the first morning, but fell a bit behind from the 13th hole onwards. By the 18th hole, they were five shots behind the leaders, King Edward VII School.

It was from there that the boys made Jacques Nel, the team manager, extremely proud. "I witnessed four boys working together as a team. These boys pulled off shots with confidence and self-belief, they showed such maturity as they changed their fortunes against the course's monstrous closing stretch. Although winning as a team, the boys embraced Mike as he shot his lowest round (of three under) in a competitive tournament."

Scott's 68, combined with Hudson's 72 and a 71 from Smith, gave the TuksSport team an afternoon total of 211, which put them at the top of the leader board. Tuks' total score

was 435. King Edward VII School managed to hold on for silver on 440, while Pietersburg High School beat St Stithians Boys' College for the bronze medal.

In the individual scores, Scott ended third and Smith in fifth place. And that is how you do it, Tuks style!



The South African High School champions for 2011, from left: Grant Hudson, Mike Scott, Jacques Nel (manager), Teagan Moore (captain) and Jason Smith.

The best in the country – seven years in a row

Squash may be one of the smaller sports at the University of Pretoria (UP), but there is certainly no shortage of talent in the participating group of students.

Earlier this year, the TuksSquash team won the Annual University Sport South Africa (USSA) squash tournament, held in Grahamstown, for the seventh time in a row. The team beat the University of Johannesburg in the finals.

Squash has been part of TuksSport for 50 years. The squash club was established in 1961 and the courts on the Tuks Sports

Campus were built in 1975. The University currently has seven squash courts and a lot of students go there between classes to play.

The Tuks competitive squash team consists of 30 players who compete at top levels in the sport. They have been doing well in provincial leagues and a number of TuksSquash members make it to senior national teams.

TuksSquash does, however, not exclusively cater for competitive players – players at all levels are included in

the club's activities. There are fun open club evenings in addition to the serious tournaments. TuksSquash started a new initiative by offering temporary or daily membership options in an effort to draw new students to the club.

The club also makes a key contribution to the development of young players through programmes such as the Junior Intro Programme, a Junior Elite Programme, a Junior Performance Programme and the Academy Programme (full-time). Residence leagues are held at the courts.

Voltooi die lidmaatskapvorm en pos aan die JuniorTukkie-kantoor of faks na 086 768 1337.

Complete the membership application form and post to the JuniorTukkie Office or fax to 086 768 1337.

Het jy toegang tot die internet? Gaan na www.up.ac.za/JuniorTukkie en klik op Aanlyn Lidmaatskap-aansoekvorm. Vul in en stuur.

Do you have access to the internet? Go to www.up.ac.za/JuniorTukkie and click on Online Membership Application Form. Complete and submit.

Lidmaatskapvorm/Membership form

Datum/Date	<input type="text"/>	Musiek 2de instrument/Music 2nd instrument	<input type="text"/>
Studentenr by UP/Student no at UP	<input type="text"/>	Dans/Dance	<input type="text"/>
Volle name/First names	<input type="text"/>	Dramatiese Kunste/Dramatic Arts	<input type="text"/>
Van/Surname	<input type="text"/>	Ontwerp/Design	<input type="text"/>
Noernaam/Nickname	<input type="text"/>	Ingenieursgrafika en -ontwerp/ Engineering Graphics and Design	<input type="text"/>
Skool/School	<input type="text"/>	Geografie/Geography	<input type="text"/>
Graad/Grade	<input type="text"/>	Geskiedenis/History	<input type="text"/>
Geslag/Gender	<input type="text"/>	Besigheidstudies/Business Studies	<input type="text"/>
Geboortedatum/Date of birth	<input type="text"/>	Inligtingtegnologie/ Information Technology	<input type="text"/>
ID-nommer/ID number	<input type="text"/>	Landbouwetenskap/Agricultural Science	<input type="text"/>
Posbus of straatadres/ Box or street address	<input type="text"/>	Ekonomie/Economics	<input type="text"/>
Voorstad/Suburb	<input type="text"/>	Rekenaartoevoegingstechnologie/ Computer Applied Technology	<input type="text"/>
Stad/City	<input type="text"/>	Godsdienstudies/Religion Studies	<input type="text"/>
Provinsie/Province	<input type="text"/>	Ander/Other	<input type="text"/>
Kode/Code	<input type="text"/>	Gem simbool/Average symbol	<input type="text"/>
Huistelefoon/Home telephone	<input type="text"/>	TPT-telling/APS score	<input type="text"/>
Selfoon/Cellphone	<input type="text"/>	Is jy 'n hoofseun of -dogter/ Are you a headboy or -girl?	<input type="text"/>
E-posadres/Email address	<input type="text"/>	Onderhoofseun of -dogter/ Deputy headboy or -girl?	<input type="text"/>
Taalvoorkeur/Language choice	<input type="text"/>	Prefek/Prefect?	<input type="text"/>
1ste keuse studierigting/ 1st choice study field	<input type="text"/>	Voorsitter/Chairperson?	<input type="text"/>
2de keuse studierigting/ 2nd choice study field	<input type="text"/>	Sport 1	<input type="text"/>
Waar het jy die vorm gekry/ Where did you get this form?	<input type="text"/>	Sport 2	<input type="text"/>
Ras (Wit)/Race (White)	<input type="text"/>	Sport 3	<input type="text"/>
Ras (Swart)/Race (Black)	<input type="text"/>	Skoolvlak/School level	<input type="text"/>
Ras (Indiër)/Race (Indian)	<input type="text"/>	Nasionale vlak/National level	<input type="text"/>
Ras (Kleurling)/Race (Coloured)	<input type="text"/>	Provinsiale vlak/Provincial level	<input type="text"/>
Ras (Ander)/Race (Other)	<input type="text"/>	Spankaptein/Team captain	<input type="text"/>
Skoolvakke/School subjects	Persentasie/Percentage %	Kultuur 1/Culture 1	<input type="text"/>
English home language	<input type="text"/>	Kultuur 2/Culture 2	<input type="text"/>
English 1st additional language	<input type="text"/>	Kultuur 3/Culture 3	<input type="text"/>
Afrikaans huistaal	<input type="text"/>	Deelname/Participation	<input type="text"/>
Afrikaans 1ste addisionele taal	<input type="text"/>	Hoofrol/Leading role	<input type="text"/>
Wiskundige Geletterdheid/Maths Literacy	<input type="text"/>	Solokunstenaar/Solo artist	<input type="text"/>
Wiskunde/Mathematics	<input type="text"/>	Het jy toegang tot 'n rekenaar om 'n DVD te kyk/Do you have access to a computer to watch a DVD?	<input type="text"/>
Rekeningkunde/Accounting	<input type="text"/>	Hoe verkies jy om jou <i>JuniorTukkie</i> - tydskrif te ontvang/How do you prefer receiving your <i>JuniorTukkie</i> magazine?	<input type="text"/> Gedruk/Printed <input type="text"/> Elektronies/Electronic
Fisiese Wetenskap/Physical Science	<input type="text"/>	Ek gee hiermee toestemming om be- markingsmateriaal te ontvang/I hereby agree to receive marketing material	<input type="text"/> Ja/Yes <input type="text"/> Nee/No
Lewensoriëntering/Life Orientation	<input type="text"/>		
Lewenswetenskap/Life Science	<input type="text"/>		
Toerisme/Tourism	<input type="text"/>		
Visuele Kuns/Visual Art	<input type="text"/>		
Verbruikerstudie/Consumer Studies	<input type="text"/>		
Musiek 1ste instrument/Music 1st instrument	<input type="text"/>		

Faks asb jou laaste rapport saam./Please fax us your last report.

Universiteit van Pretoria Lynnwoodweg Hillcrest Pretoria 0002 Suid-Afrika
Tel: +27 (0) 12 420 4111 Webtuiste: www.up.ac.za E-pos: csc@up.ac.za

University of Pretoria Lynnwood Road Hillcrest Pretoria 0002 South Africa
Tel: +27 (0) 12 420 4111 Website: www.up.ac.za Email: csc@up.ac.za



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA
Denklers • Leading Minds • Dikgopolo tša Dihalefi

Internet access? Go to www.up.ac.za/JuniorTukkie and click on Online Membership Application Form. Complete and submit.

Out of the Ordinary®



Turning a new page to uncover **career** opportunities

Investec's CA Programme attracts distinctive talent and develops outstanding CAs. On completion of a training contract, we aim to retain the high-quality people of the CA Programme in permanent positions within the group's various business units. These comprise of: Asset Management, Wealth and Investment, Property Activities, Private Banking, Investment Banking and Capital Markets.

The programme is underpinned by:

- Executive sponsorship and involvement
- Hands-on leadership and management
- In-depth experience and exposure across business areas and geographies
- Compliance with, and transcendence of, SAICA requirements

Applications are open to:

- SAICA-accredited undergraduates with consistently good academic results
- Those registered (or eligible to register) for a CTA, PGDA or honours in accountancy

Applications are open and close on 31 March each year. To apply visit www.investec.com/CAprogramme and complete the online application form. Applicants must attach their CV, matric certificate and academic transcripts for all courses completed to date.

Contact details

Telephone: 011 286 9457

Facsimile: 011 291 6448

Email: CA@investec.co.za or CAprogramme@investec.co.za

Website: www.investec.com/CAprogramme

