

The Faculty of Health Sciences welcomes the new members of the Executive

The Dean of the Faculty Health Sciences, Prof Eric Buch, is pleased to welcome to the new members to the Faculty Executive; Prof Manning and Prof Mulaudzi. Their appointments will help in strengthening the core of what the Faculty is all about which is academic excellence, high impact research and producing the best healthcare workers in the country who are able to complete successfully with the rest of the world.

Prof Buch would also like to pay tribute to the excellent leadership provided by outgoing Professor Tania van Rooijen during her tenure as Chair of the School. Prof van Rooijen and her predecessor, Prof Neltjie van Wyk, have advanced the status and academic contributions of the Health Care Sciences Departments. They have laid the platform to realise our goals of greater excellence in teaching, learning and research and of becoming a home of first choice for all South African staff and students in the Health Care Science disciplines.

Below is the summary of their backgrounds:

Deputy Dean: Education - Prof Dianne Manning



Prof Manning has a BScHons and PhD in Anatomy and a Masters in Education, all from Wits. She taught in the Physiology Department at the University of KwaZulu-Natal from 1976 to 1995 and in the Anatomy department at Wits from 1996 to 2002. In 2003, she joined the Centre for Health Science Education at Wits as the coordinator of several of the degree programmes in the Faculty of Health Sciences.

She is a faculty member of the Foundation for Advancement of Interna-

tional Medical Education and Research (FAIMER) in the USA, as well as the Southern African FAIMER Regional Institute (SAFRI) and serves on the executive committee of the South African Association for Health Educationalists (SAAHE). She was promoted to Adjunct Professor in 2011 in recognition of her standing nationally and internationally in Health Science Education. Prof Manning will be taking office in her new position from the 01 October 2012.

The Faculty of Health Sciences would like to welcome Prof Manning to the faculty and the University of Pretoria. We hope she will have a long and successful career with the university.



Chairperson: School of Health Care Sciences - Prof Fhumulani Mavis Mulaudzi

Professor Mulaudzi from the Department of Nursing Science of Health Care Sciences on 1 June 2012. She was appointed Head of the Department of Nursing Science on 1 May 2010 and will continue in her role as Head of the Department of Nursing Science.

Prof Mulaudzi received a South African Women in Science Award in 2011 from the Minister of Science and Technology for her outstanding contribution towards building the South African scientific and research knowledge base.

The D Litt et Phil she received for her research was on Women and Sexually Transmitted Diseases - an exploration of indigenous knowledge and health practices among the Vhavenda. Her research into indigenous knowledge is complemented by other research and leadership in nursing. She is an active leader in national and international nursing bodies and projects.



FARC Terug uit Angola

Prof Maryna Steyn, Direkteur van UP se Navorsingsentrum vir Forensiese Antropologie (FARC), en mnr Coen Nienaber, argeoloog van UP, se mees onlangse gemeenskapsdiensprojek het groot berusting gebring vir drie gesinne wat in 1975 tydens Operasie Savannah geliefdes in Angola verloor het.

Prof Steyn, mnr Nienaber en prof Willem Boshoff, 'n argeoloog van Unisa, was die span wat op versoek van genl Gert Opperman, Voorsitter van die Ebo-trust, aan die begin van Mei na Angola vertrek het om die stoflike oorskot van die sogenaemde Ebo-4 te gaan opgrawe en dit na Suid-Afrika terug te bring.

Sogenaamde Ebo-4 was kapt DJ Taljaard, o/l't KA Williamson en o/l't EB Thompson. Hulle Cessnaverkenningsvliegtuig is op 25 November 1975 afgeskiet. Die vierde persoon, sktr Niel Lombaard, het gesterf toe die Elandpantervoertuig waarin hy was op 23 November 1975 deur 'n 75 mm-projektiel getref is.

Prof Steyn vertel dat hulle op die tweede dag van die eerste opgrawingspoging in Angola teen skemer deur gewa-

pende lede van die Angolese polisie aangesê is om alles op te pak. Teen ongeveer middernag is hulle in 'n konvooi van vier voertuie na Luanda geneem. Dié rit het 14 uur geduur.

In Luanda kon die polisie aanvanklik nie die Suid-Afrikaanse Ambassade opspoor nie. Terwyl hulle vuil, moeg en honger buite die polisiehoofkantoor gestaan het, het prof Steyn die Dekaan van Gesondheidswetenskappe, prof Erich Buch, per sms van die gebeurte laat weet. Kort daarna is hulle by die Suid-Afrikaanse Ambassade afgelaai. Binne enkele ure was dit duidelik dat hulle die projek sou moes laat vaar omdat hulle volgens die Angolese regering nie oor al die nodige permitte beskik het om die opgrawings te mag doen nie.

Die Angolese regering het onmiddellik 'n intersektorale kommissie op die been gebring wat gesorg het dat die span drie weke later, vanaf 5 tot 14 Junie, kon terugkeer om die projek af te handel. Tydens die tweede besoek het twee lede van die Suid-Afrikaanse ambassade en die hele intersektorale kommissie die span na Ebo vergesel en daar verhoef totdat die graf met die drie persone

wat in die vliegtuig was, opgegrawe en hul stoflike oorskot vir die terugreis na Suid-Afrika verpak was. Ten spyte van uitgebreide opgrawings met behulp van 'n stootskrapeer kon die graf van die vierde persoon nie opgespoor word nie.

Prof Steyn sê dat dit 'n interessante ondervinding was, aangesien dit die eerste keer was dat sy by die opgraving van 'n vliegtuigwrak betrokke was. Die familie is baie dankbaar vir die afsluiting wat moontlik gemaak is deur die opsporing van die grafte en die terugbesorgering van hul geliefdes se stoflike oorskot, wat op 15 Junie amptelik deur die Angolese regering aan Suid-Afrika en die families oorhandig is. Nadat die afhandeling van DNS-toetse is die stoflike oorskot van die drie mans op 8 Julie in nisse by die Muur van Herinnering by die Voortrekkermonument geplaas.

Prof Steyn vertel dat FARC gereeld sulke humanitêre projekte onderneem. Aan die einde van verlede jaar het hulle die moeder van koning Goodwill Zwelithini, wat as armlastige begrawe is, se graf help opspoor en kon die familie die oorskot herbegrawe.

Walkway Launch 12 September 2012

When students at the Faculty of Health Sciences get a day off, they tend to avoid campus like the plague. However, when you dangle a large enough carrot over their heads and entice them with free food and promotional giveaways, you are bound to have a more than healthy turnout at whatever it is you have planned.

Edgar Mac'Odoul, Class Representative for MBChB V, began the day's proceedings by welcoming all in attendance and running through the house rules with his usual charm before handing over to Professors Lindeque and Buch, who dealt with the more formal aspects of the day. The Walkway, sporting facilities and O.T. Workshop are the first of many upgrades that are to be made to the Prinshof Campus. A project that has long been in the pipeline is creating much anticipation as it comes into realisation, and the students no doubt, are looking forward to having some new buildings to brag about. Envy and ego aside though, the numerous impending upgrades that were announced by the dean will inevitably improve the learning experience of all students at the faculty and allow the university to significantly increase its output of trained healthcare professionals, arguably one of the most sorely needed resources in South Africa at present.

After thanking all of the parties and persons involved in the upgrade process, as well as those involved in the actual organising of the Spring Day function, the ribbon was cut and the fun could begin. It was refreshing to see students and staff members enjoying each others' company outside of the lecture halls and, for the lack of a better turn of phrase, mingling a bit. The Department of Sports Medicine promoted the Fitness Friday initiative (exercise being something that most of us have become opposed to since the golf carts arrived on campus), while students played basketball, tennis, soccer and chess. Music, ice cream and cupcakes added to the festive atmosphere as everybody forgot about their books and computers for a few hours.

While 2013 will bring much construction-associated havoc to our relatively quiet corner of the world, the students and staff at Prinshof campus know that the end result will be well worth the hassle. With well over 500 students present, one can safely say that Spring Day 2012 was a great success, spelling excitement for the future of Prinshof Campus.

Marc Carulei
MBChB II

Department of Nuclear Medicine pioneers a new way of removing tumour in liver cancer patients



Prof Mike Sathekge explaining to the members of the media how this new procedure works

On 15 June 2012, members of the media were invited to attend a press briefing organised by the Faculty of Health Sciences in partnership with the Steve Biko Academic Hospital, regarding a new procedure of removing tumours on liver cancer patients without surgically operating on them.

The effects of cancerous tumour in patients of colorectal cancer often spread to the liver and it is difficult to remove surgically. The Department of Nuclear Medicine has advanced a new way of removing the tumours by using the Selective Internal Radiation Therapy (SIRT), also known as radioembolisation, which is the first procedure of operation on liver cancer patients in South Africa.

During the period of May and June, three patients were treated at Steve Biko Academic Hospital with selective internal radiation therapy (SIRT) in the form of SIR-Spheres microspheres (yttrium-90 resin microspheres; Sirtex Medical Limited, Sydney, Australia) – an innovative form of internal radiotherapy for liver cancers. This form of liver radiotherapy has been shown to be effective in treating patients with different forms of inoperable liver tumours. Over 5,000 patients are diagnosed with colorectal cancer in South Africa every year. In over 40% of colorectal cancer patients, the disease will spread to their liver and cannot be removed surgically.

In addition, around 3,500 South African patients are diagnosed with primary liver cancer every year and approximately 85% of these will be inoperable. Patients with inoperable liver tumours often have a poor prognosis even when treated with modern systemic chemotherapy and/or biological agents.

Selective Internal Radiation Therapy (SIRT), also known as radioembolisation, is a novel treatment for inoperable liver cancer that delivers high doses of radiation directly to the site of tumours. It is a minimally-invasive treatment, in which millions of radioactive microspheres (between 20-60 microns in diameter) are infused via a catheter into the liver, where they selectively target liver tumours with a dose of internal radiation up to 40 times higher than conventional radiotherapy, while sparing healthy tissue. There is a growing interest in SIRT using yttrium-90 resin microspheres for the treatment of patients with liver metastases or with primary liver cancer. There is now substantial clinical evidence in comparative studies that SIRT in the form of SIR-Spheres microspheres are an effective and well tolerated therapy for treating patients with previously treated liver metastases from colorectal cancer. There is also mounting evidence that SIRT is an effective and well-tolerated treatment for inoperable primary liver cancer.

SIR-Spheres microspheres are approved for use in Australia, the European Union (CE Mark), Switzerland, Turkey and several other countries including in Asia (e.g. India, Korea, Singapore and Hong Kong) for the treatment of inoperable liver tumours. SIR-Spheres microspheres are also full PMA-approved by the FDA and are indicated in the U.S. for the treatment of non-resectable metastatic liver tumours from primary colorectal cancer in combination with intra-hepatic artery chemotherapy using floxuridine.

A spokesperson from CANSA confirmed that the SIRT service recently launched at Steve Biko Academic Hospital for the treatment of patients with inoperable liver tumours was great news and would allow patients access to a novel therapy which has not routinely been available in South Africa until now

Professor Mike Sathekge, Head of Department for Nuclear Medicine said: *"Selective Internal Radiation Therapy in the form of yttrium-90 resin microspheres is an exciting innovative radiation treatment for patients with inoperable liver tumours and we are very proud to be the first in South Africa to introduce this form of treatment. The availability of this innovative radioembolisation therapy means new treatment options for patients, and advances in health care for the South African public."*

The Faculty co-hosted with MEASURE Evaluation the inaugural meeting for the Network of Regional M&E Training Partners.



from left to right

FIRST ROW	Dr Amara Soonthornhadda, Dr Andy Beke, Dr Krista Stewart, Dr Anastasia Gage, Ms Hemali Kalitilaka, Dr Jason Smith, Dr Laura Magaña
SECOND ROW	Ms Melissa Dunn, Dr Stephanie Mullen, Dr Alimou Barry, Dr Amani Koffi, Dr Scott McKeown, Dr Alemayehu Wocka, Dr Sanjay Zodpey, Dr Hector Lamadrid
THIRD ROW	Dr Moses Aikins, Prof Yemane Berhane, Dr Abhay Saraf, Dr Terefe Degel, Mr Jennie Bassene

The meeting took place from 4-7 June, 2012 at the Sheraton Hotel, Pretoria. The Deputy Dean Research, Prof Tiaan De Jager welcomed the delegates to South Africa at a cocktail function hosted at the Sheraton on Sunday 3rd June. The meeting was opened on Monday 4th June jointly by Dr Jason Smith, Deputy Director of MEASURE EVALUATION and Prof Paul Rheeder, head of the epidemiology and biostatistics department.

Delegates, made up of Deans of faculty and heads of academic department responsible for Monitoring and Evaluation came from Public Health Foundation of India, University of Mahidol-Thailand, University of Ghana, University of Addis-Ababa, Tulane university, University of North Carolina Chapel Hill, Addis Continental University of Public Health and **CESAG** - Centre Africain d'Etudes Supérieures en Gestion, in Senegal. Other delegates present were from MEASURE

Evaluation, USAID-Washington and John Snow Incorporated.

The meeting provided a forum for fostering organization growth, collaboration, and South-to-South support for monitoring and evaluation of health programs globally through ongoing and future institutional linkages.

The participating regional training institution shared their curricula, and best practices. It also provided an opportunity for deep reflection, SWOT analysis and the design of strategies for sustainability of M&E training after the closure of the MEASURE Evaluation project.

The delegates visited the faculty on Wednesday 6th June to observe, learn and benchmark with the SHSPH which has been acknowledged for its outstanding performance as leaders in ca-

capacity building in Monitoring and Evaluation and truly living up to their vision of "inspiring public health excellence in Africa. Dr Krista Stewart from USAID who was the guest of honour was very delighted with her observations at the faculty and pledged her support for M&E initiatives at the faculty.

The inaugural meeting culminated in the establishment of the "Global Evaluation and Monitoring Network for Health (GEM Network)". The University of Pretoria is recognized as a founding member of this newly formed organization. Officers elected for a two year term include Prof Yemane Berhane from Ethiopia as chairperson, Prof Andy Beke from UP as vice chair and Dr Amara Soonthornhadda of Thailand as Secretary.

Faculty well represented at SAAHE Conference

The fifth annual national conference of the South African Association of Health Educationalists (SAAHE) took place from 21 to 23 June and was hosted by Faculty of Health Sciences of the University of Bloemfontein. There were 185 delegates from all regions of South Africa and other countries in Africa.

There were up to six parallel sessions of poster and paper presentations addressing a wide range of educational themes such as simulation; selection, support and retention; teaching, learning and assessment; curriculum development; e-learning and technology; ethics and social accountability; postgraduate education; and quality assurance. A number of very useful workshops were run during the programme.

The following keynote presentations were made:

- Prof Wendy McMillan (SAAHE Distinguished Educator) *Ensuring effective*

practise: Understanding who our students are.

- Prof W Bosseau Murray (Pennsylvania State University, College of Medicine, USA) *Simulation: the ideal preparation for safer, more efficient and cost-effective clinical experiences.*
- Prof Janet Grant (UK, SAFRI invited speaker) *Apprenticeship in the era of competence.*
- Dr Dason Evans (UK, SAAHE invited speaker) *101 things to do on the ward.*
- Dr Jo Brown (UK, SAAHE invited speaker) *Clinical communication in the clinical workplace – from Practise to Practice.*
- Rev. Dr David Taylor (UK, SAAHE invited speaker) *Using adult learning theories to plan assessment.*
- Prof Deborah Murdoch Eaton (UK, SAAHE invited speaker) *Feedback – moving from 'transmit' to 'message*

received and understood'.

- Prof Janet Grant (UK, SAFRI invited speaker) *Working and learning in the service – managing continuing professional development.*

The following staff from UP Faculty of Health Sciences made poster and/or oral presentations:

Oral Presentations:

- Dr E Meyer (Family Medicine), Alwyn Louw *Creating an educational environment that fosters agency and social accountability in health professionals.*
- Dr L du Toit-Prinsloo (Chairperson of the faculty Education Innovation Committee), Ms V Tredoux, Prof G Saayman. *The autopsy as a teaching tool in forensic medicine for undergraduate students: An University of Pretoria experience.*
- Dr TC Postma (School of Dentistry).



Dr Ellenore Meyer from the Department of Family Medicine, also a SAFRI fellow, at SAAHE



Dr Lorraine du Toit-Prinsloo, Chairperson of the UP Education Innovation Committee, with SAFRI fellow Alain Rabenandrasana



Liz Wolvaardt from SHSPH and SAFRI fellow with her SAAHE poster



Dr Corne Postma of the School of Dentistry and SAFRI fellow, presenting his poster at SAAHE

Faculty well represented at SAAHE Conference

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Developing clinical reasoning: reasons for progression and non-progression.

- Dr M van Rooyen (Family Medicine) *How can I help the students visiting my practice to learn more?*
- Poster presentations
- Dr M van Rooyen, R Jansen, A Reinbrech-Schutte (Family Medicine). *The development of inter-professional learning sites at Community Oriented Primary Care*

(COPC) health posts, by multi-professional teams.

- L Wolvaardt (SHSPH), David Cameron, Vanessa Burch. *Breaking bad news: public health electives for medical students.*
- Dr TC Postma (School of Dentistry). *Developing clinical reasoning: pre-clinical case-studies or lectures? Student feedback.*

Go to <http://www.saahe.org.za> and select Conferences 2012 for the pro-

gramme, the conference book for the full abstracts, and key note speakers for their biographies.

The next SAAHE conference will be held in Durban towards the end of June 2013. Faculties are encouraged to start preparing now to present a poster or paper on their research in their educational practice.

Dr Peu awarded the Sage Best Poster Award at the 2012 International Nursing Research Conference

Dr Doricah Peu, a Senior Lecturer in the Department attended the 2012 International Nursing Research Conference held at the Royal College of Nursing, London, UK from 23 to 25 April 2012. The event was attended by 430 delegates from all over the world. The purpose of this conference is to provide a unique opportunity to explore innovative solutions to the contemporary challenges facing nurses and nursing by bringing together clinicians, researchers, educators, policy makers, students and service users from across the world.



Dr Peu with the winning poster

Keynote speakers, concurrent sessions, posters and educational sessions covered the purpose of the congress. Key note speakers focused their presentations and discussions on the following topics:

- Nursing work environments and workforce issues: current challenges
- Speaking for the motion
- Randomized controlled trials: still going for gold in 2012
- Research and nursing: The natural history of an ideal

One of the highlights of the conference were the concurrent sessions that were conducted which focused mainly on the following health issues: *Methodologies,*

Ethics, Conflicts, Competencies, Learning, Learning disabilities, Caring, Acute care room, Long term conditions, Mental health interventions, Parent and patient involvement, Older people, End of life, Migration, Communication, Prescribing for nurses, Quality of care, Critical care, Patient and student safety, Stroke care, Cardiac care, Community care, Reproductive care, Nutrition, Workforce issues and HIV and AIDS.

Dr Peu presented a poster about "The Impact of HIV AND AIDS on the health and nutrition of women and children in urban South Africa" which is collaboration between Dr MD Peu, Mrs S Mataboge, Ms Varshika Bhana. She also presented the following posters; "The perceptions of health promoters regard-

ing health promotion programmes for families with adolescents orphaned by HIV and AIDS' and 'The needs of health promoters regarding health promotion programmes for families with adolescents orphaned by HIV and AIDS'. She was awarded the Sage Best Poster Award for the poster entitled: "The impact of HIV and AIDS on health and nutrition of women and children in urban South Africa"

The papers presented at the conference highlighted, emphasized and answered the purpose of the conference because most of the papers addressed global women's health issues including methodologies.

Q & A Session with Dr Phato Cele before her trip with the SA team to the London Olympics

Tell us a bit about yourself?

What are your aspirations?

I'm one of those eternal optimist types. I believe in living with passion and purpose and always striving to improve yourself and those around you. I adore my family and would be nowhere without their love, support and companionship. My aspirations: To live a life defined by passion, purpose and love. That these 3 words not only define my life's journey but also characterize each milestone and goal I achieve along the way.

What is your role here at UP?

I work at the Section Sports Medicine. I mainly work as a clinician, running the Sports Medicine Clinic at the High Performance Centre. I also organise lectures for post graduate students studying MSc Sports Medicine and have a variety of other academic and administrative duties related to the division.

How and when did your career in Sports Medicine start?

I've always been passionate about sport but until 3-4 years ago, was mainly involved as an athlete in netball, cycling and running. I knew while I was still studying medicine that I would 'specialise' in sports medicine and consulted the likes of Prof Tim Noakes and Dr Victor Ramathesele to advise me while I was still studying. After finishing my community service, I did my post graduate degree through Tuks and have been living my dream ever since.

Sports medicine is not a very know study field in the black communities as the children are rarely exposed to it, how did you get to know about it to the point you decided to choose it as a career for you?

As I mentioned, I have always been very athletic and played netball and track and field at provincial level for western province and KZN. As such, I was exposed to the various role players in the sports industry at quite an early age. Combining my interest in human physiology, and my passion for sport happened naturally for me - so even before I defined my career path, I knew the general direction I wanted to go.



An action shot of Dr Cele during the Junior Bok final match against New Zealand at Newslands for the IRB Junior World Cup. She is attending to a shoulder injury of prop, Nikolaas Van Dyk.

When did you start getting involved with the South African teams? And what will you be doing with them?

I was very fortunate to get opportunities early in my career. The first national team I worked for was the SAFA u17 and u20 female soccer team in 2010. I travelled with them locally and also to Nigeria and Botswana as their team doctor. I have also worked as team doctor at the Youth Olympic Games (2010) and currently work as team doctor for the Junior Bok (SA u20) Team that just won the Junior World Cup.

When will you be leaving for London and how long will you be staying there?

We meet for a holding camp on 17 July and fly off on 19 July. We'll be staying at the athlete's Olympic Village with all the other countries.

What is the significance of you being chosen to accompany the athletes to these games?

As one of 'Greats' in South African sports medicine says, it's a pinnacle experience (Prof Wayne Derman). The Olympics is the biggest Sporting major

so anyone involved in Sport, from athlete to coach to manager to physio and doctor, strives to represent their country at this event. I am truly humbled and very excited to have been included in this team.

What are your hopes for the South African team at these games?

Firstly, I hope that everyone has a magical and exceptionally rewarding experience. I know how much time, effort and sacrifice goes into preparation for an event such as this one, so I truly hope that all the athletes give their best possible performance and get PB (personal bests) in their events. I'm certain this will translate to medals in a few cases and I will be cheering from the side lines or the medical room!

Any last words?

'Let yourself be silently drawn by the strange pull of what you really love. It will not lead you astray' - Rumi.

Department of Physiotherapy's staff member support to the athletes at the Olympic Games:

Mr Bafana Sihlali

During the past Olympic Games in London, one of the staff members of the Department of Physiotherapy Mr Bafana Sihlali, had the privilege to be selected to serve on the medical team for the South African athletes (team SA). Mr Sihlali was the chief physiotherapist of a team of nine (9) physiotherapists who treated and supported the athletes. The rest of the team consisted of a chief medical officer (Dr Kevin Suban) and two (2) medical doctors of which one of the medical doctors, Dr Phathokuhle Celeis also from the University of Pretoria and based at the HPC. The medical team served 125 athletes from various sporting codes.

Mr Sihlali's main interest is sport physiotherapy and he has been a physiotherapist on the medical team for three (3) Paralympic Games since 2000 and numerous other sporting events nationally and internationally amongst which also count the FIFA world cup 2010.

Mr Sihlali's experiences on national and international level is a major contribution towards the fact the clinical training of the undergraduate and postgraduate physiotherapy students at the University of Pretoria prepares them to participate in the medical team at any sporting event immediately after qualification.

Mr Sihlali is a proud postgraduate alumnus of the University of Pretoria.



Mr Bafana Sihlali, facing the camera

STORY SUBMISSIONS

If you would like to see your department and the staff members featured in the next issue of Health Science Matters, please send your story and pictures to Jane Moshoeshoe (jane.moshoeshoe@up.ac.za). The next issue will come out end February 2013 and the **closing date for submissions is 22 February 2013**. For more information, you can contact us on **012 354 1386**

School of Health Systems & Public Health hosts the Regional Workshop on Impact Evaluation



from left to right

FIRST ROW : Ms Getrude Mabasa (Course Coordinator), Mrs Hemali Kulathilaka (Training Officer), Dr Hector Lamadrid, Prof Andy Beke (Course Leader), Dr Gustavo Angeles, Dr Krista Stewart, Dr Catherine Ndindia, Sharonrose Sefora, Rhobbenah Ssempebwa, Kuna Phil, Condo Jeanine, Nonathemba Sibanda, Mildrate Muzandu, Sangoeta Tikyani, Sanoah Gomba.
 SECOND ROW : Mervyn Komore, Ruhman Raliman, Heather Dolphin, Benham Kamara, Mmuyie Seifu, Denis Basabizi, Emmanuel Tachewenyika.
 THIRD ROW : Anthony Edozienko, Gilbert Arinaitwe, Geoffrey Guloba, Abdu Muhie, Robert Festus, Joseph Kamson.
 FOURTH ROW :

Gordon Harris Photographic Tel: 0861-467 366

The first "Regional Workshop on Impact Evaluation of Population, Health and Nutrition Programs" was conducted at the School of Health Systems & Public Health (SHSPH) of the Faculty of health sciences at University of Pretoria in Pretoria, South Africa from May 21 – June 1, 2012. The workshop, a collaboration between the University of Pretoria and MEASURE Evaluation was officially opened by Prof Tiaan De Jager, the deputy Dean Research of the Faculty of Health Sciences.

The workshop provided intensive training in the concepts and practice of program impact evaluation. The primary objective of the workshop was to provide professionals responsible for evaluating Population, Health and Nutrition programs with appropriate concepts, methods and tools for examining the impact of their programs on health-related behavior and health outcomes.

There was intensive training on designs and techniques for evaluating programs. This hands-on training covered the following areas: fundamentals of M&E; the impact evaluation question and main issues to consider for answering the question in a reliable way; steps for designing impact evaluations; experimental and non-experimental designs;

estimation strategies and techniques for answering the impact evaluation questions; qualitative and mixed method approaches. Practical application of these topics included working in small groups to prepare a complete proposal for evaluating a program's impact.

Exercises and practical applications used the STATA statistical software. Workshop activities included group projects which consisted of designs for evaluating the impact of an ongoing program. On the final day of the workshop, the groups presented their plans and received feedback from other participants and instructors.

The workshop was led and coordinated by Prof Andy Beke of SHSPH. The curriculum and instructions were developed jointly with Prof Gustavo Angeles (MEASURE Evaluation), and Prof Hector Lamadrid from the National Institute of Public Health of Mexico (INSP). Other members of the faculty involved include Prof Brendan Girdler-Brown and Prof Sam Manda from the MRC.

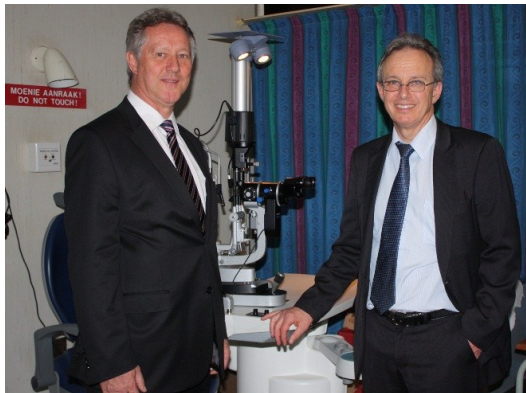
The university received 99 applications from 21 countries for this workshop. Applications were reviewed jointly by MEASURE Evaluation and UP team and 21 participants from 12 coun-

tries were selected.

Nineteen participants (8 female and 11 male) from twelve countries attended the workshop. They were from Nigeria, Sierra Leone, Uganda, South Africa, India, Namibia, Kenya, Rwanda, Senegal, Sudan, and Zimbabwe. MEASURE Evaluation provided fellowships to 3 (16%) participants to attend the workshop. Participants' overall perception of the workshop was excellent – a mean score of 9.33 on a scale of 1 (poor) to 10 (excellent). The overall content of the course, the quality of instruction, the learning environment, and interpersonal relationships were all rated very highly with scores ranging from 9.06 to 9.31. The overall level of satisfaction with the workshop was also very high – a mean score of 9.27.

The majority of respondents stated that they would highly recommend this workshop to their colleagues. They also reflected that this workshop would be useful not only for program staff but also for decision makers at all levels.

UNIVERSITY OF PRETORIA'S VISION 20/20 EYE CLINIC RECEIVES A DONATION



The University of Pretoria's Vision 20/20 Clinic, based at the Pretoria West Hospital, has received a cheque for R195 000 from the PPS Insurance Company. The money will be used to purchase the ophthalmic examination equipment required to diagnose eye deficiencies such as cataracts.

The machine consists of a microscope fitted with a camera, which is mounted on a chair. It will be used to examine outpatients suffering from cataracts so that recommendations regarding cataract removals can be made.

The Department of Ophthalmology at the University of Pretoria and the Gauteng Department of Health established the Vision 20/20 Clinic, a public private partnership, to perform cataract surgery at a district hospital, the Pretoria West Hospital. They serve a large population in Tshwane and the surrounding areas in the Gauteng Province.

Vision 20/20, a global initiative aimed at eliminating preventable blindness, is a joint programme of the World Health Organisation (WHO) and was established many years ago. The term '20/20 vision' expresses normal visual acuity, ie the ability to see objects clearly from a distance of approximately seven metres. In other words, 20/20 vision is considered to be 'normal vision'.

According to the WHO, about 80% of blindness is preventable since it results from conditions that could either have been prevented, or controlled by way of interventions such as cataract removals.

According to Mr Herman Kluever, Manager of the Vision 20/20 Eye Care Clinic at the Pretoria West Hospital, the equipment will assist in the prevention of blindness. He said that about half of the approximately 15 million blind people in the country have been cured through cataract removal. Having advanced examination equipment of this kind is

therefore of vital importance to the Ophthalmic Unit. Mr Kluever added that the purchasing of the machine will ease the pressure on doctors who attend to mostly elderly patients using only one machine. Students currently receiving training at the Vision 20/20 Eye Care Clinic will also benefit from the availability of an extra machine.

The Dean of the Faculty of Health Sciences, Prof Eric Buch, said that while it is very costly to be examined by doctors using this kind of equipment at a private institution, the Vision 20/20 Eye Care Clinic at the Pretoria West Hospital serves the poorest of the poor at practically no cost. He added that 'the close partnership between the University of Pretoria and the Gauteng Department of Health has played a pivotal role in efforts to provide health care of excellent quality to the poor people of South Africa, and the availability of an additional machine will ensure that the goal is realised'.

Department of Nursing Science celebrates International Nurses Day



Retired veterans in the nursing profession also attended the event. Here you see (from left to right) Ms Refiloe Maredi, Ms Stella Sebati, Ms Hilda More and Ms Magdeline Mangwane

On 11 May 2012, the Department of Nursing Science celebrated the annual International Nurses Day, as well as the inauguration of selected members into the prestigious Africa Honor Society for Nurses. The event was attended by retired nurses from communities in and around Pretoria.

International Nurses Day is an annual event and is celebrated globally on 12 May, the birthday of the pioneer of the nursing profession, Florence Nightingale. The celebrations usually focus on the vital role that nurses play in different healthcare settings. On the day of celebration, attention is drawn to the various nursing activities and the interventions undertaken in challenging circumstances to ensure the provision of quality care to the sick.

The Dean of the Faculty of Health Sciences, Prof Eric Buch, said that his Faculty is committed not only to producing graduates with the required skills, but also graduates who will uphold the right values and show concern for humanity. He further stated that the celebration of International Nurses Day brings dignity to the profession and recognises the core values associated with the health professions.

"This is a real moment of upholding a pledge in the wider context of a global day that recognises nursing and what it offers to humanity," said Prof Buch.

During the celebration, the nurses' lamp was lit and professional elders and students holding lighted candles recited the nurses' pledge. This ritual is of significance to the nursing profession as it reminds the nurses of the pledge they made when they joined the profession.

Nurses with occupational experience were inaugurated into the Honor Society for Nurses. The aim of the Honor Society is to provide leadership and scholarship in practice, education and research, which will enhance the health of all the people in South Africa.

Membership of the Honor Society for Nurses is internationally recognised as a mark of excellence in nursing. Graduates are invited to become members based on academic or leadership merit.



Senior Lecturer in the Department of Nursing Science, Mrs Anchen du Randt, lights a nurses' lamp

The Faculty renovates the playground at the Weskoppies Hospital Children's Ward

During the month of July, the Faculty of Health Sciences undertook a project set on putting smiles on the faces of the children and teenagers housed at the Weskoppies Psychiatric Hospital. The team lead by Karen du Preez (Facilities Manager of the Faculty) and Prof Lindeque (Deputy Dean: School of Medicine) with the assistance from qualified landscapers from Servest transform the playground into something to marvel at. The children were absolutely pleased and love every part of the playground. For the teenagers, an outside chill area was created that have beautiful landscapes and trees to relax in. The last part of the renovation was an outside area for staff members to use between breaks. The area was given a face lift with beautiful landscaping, plants and tables and chairs.

During the hand-over the ceremony that was held at the ward on Thursday 12 July 2012, the children and staff members from the hospital expressed their appreciation by singing songs for the team and handing over a 'thank you' card to the Faculty. What a fitting gift that the Faculty could give the hospital and the children during the time that the country is celebrating the Mandela Day on the 18th of July by doing good deeds for others.



Fun Day for Children with Disabilities rocks once again!!!



**2012
FUN DAY**



**2012
FUN DAY**



Pictures from the Photo Booth

On the 11th of May 2012, Faculty of Health Sciences hosted its annual community engagement event, the Fun Day for Children with Disabilities. The event took place on the lawns of BMS Building. This annual event has been running for the past 17 years and has made a real difference in the lives of all who have been involved in it: the disabled learners, UP staff and students alike. Students from the different disciplines within the Faculty (Occupation Therapy, Physiotherapy, Radiography, Nursing Science, Dietetics, Oral Hygiene and Medicine) hosted and presented the various activities that the learners took part in..

The main objective of the day is to give the disabled learners a day where they can have fun and enjoy themselves with other disabled learners from other schools. The learners get to take part in fun activities in different categories according to their choice and ability. Activities include arts and crafts, ball games, water balloons, balloon pops and dancing to music.

A total number of 400 disabled learners from the greater Tshwane area and Johannesburg took part in the event this year. An advisory service was offered once again this year to the teachers from the schools that will be attending the day on how to deal with the challenges they face in teaching children with

disabilities by the Centre for Alternative & Augmentative Communication from the Faculty of Humanities.

The opening session was attended by Prof Nthabiseng Ogunde, she was very impressed with the proceedings of the day and even managed to get her face painted as well. Entertainment in a form of a theatre play and 'flash mob' (group of people who would just break out into a dance routine out of the blue) was offered by the Johannesburg School of Arts. The biggest draw card with the learners this year was the photo booth. It allowed the learners to have funny pictures taken (and printed instantly) of themselves and their friends to take home.

A special thank you goes out to all the following sponsors and people who have made this day possible:

- PPS Insurance Company who came on board as a headline sponsor and donated R36 000 towards the day.
- The School of Medicine donated the t-shirts for the day.
- Desmond's Caterers for the platters and drinks for the teachers'

session.

- School of Health Systems and Public Health for covering all the costs for hiring the Photo Booth.
- Colgate for donating tooth brushes and tooth pastes for all the children who attended the event.
- Chris Viljoen from Vilnard Studio for donating his time and taking all the official photographs of the day at no charge.
- Section Sports Medicine for covering the costs for the goodies that went into the goodie bags.
- Hitech Therapy for the donation made towards the day.
- Staff members and departments/schools (School of Healthcare Sciences and Department of Pathology) who made financial contributions to cover the costs for the day.
- Pulse and the organising committee for the dedication shown in the planning and run up preparations for the event.

Fun Day for Children with Disabilities rocks once again!!!

(continued from page 15)





RESEARCH ONE-STOP

NRF Rating

All academics who are considering applying for NRF rating should contact Prof Tiaan de Jager for assistance and support for the application.

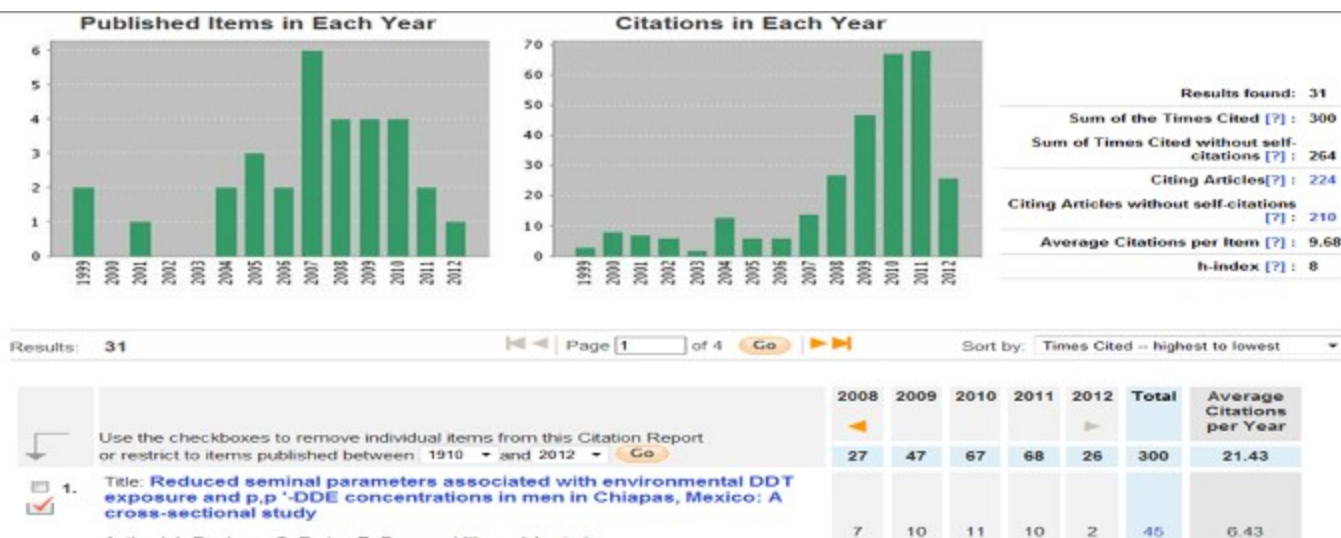
H-INDEX

The **h-index** is an index for quantifying the scientific productivity of physicists and other scientists based on their publication record. It was suggested in 2005 by Jorge E. Hirsch of the University of California, San Diego. Reference: h-index: From Wikipedia, the free encyclopedia, http://en.wikipedia.org/wiki/Hirsch_number, read on 30 March 2007

- Published online before print November 7, 2005, doi: 10.1073/pnas.0507655102 An index to quantify an individual's scientific research output
- The h-index is rapidly becoming viewed as an alternative measure to the impact factor for performance evaluation.
- The H-index is the highest number of papers a scientist has that have at least that number of citations. Nature(2005)

Feature Research

Bornman M, Schlemmer L, van der Walt T, van Dyk C, Bouwman H. Implications for health education and intervention strategies arising from children's caregivers concerns following successful malaria control. Transactions of the Royal Society of Tropical Medicine and Hygiene 106 (2012), pp. 408-414. DOI information: 10.1016/j.trstmh.2012.04.007. <http://dx.doi.org/10.1016/j.trstmh.2012.04.007>



For more information contact your Information Specialist

Do you want your research featured in the Newsletter?

Please submit all research outputs on a monthly basis to Suna Redelinghuys so that it can be added to the RIS, the research office will select outputs to feature in the newsletter.

Prof Joubert's research to feature in the 'CANSA DETECTIVES' Public Awareness Booklet

A major challenge in cancer research is to find agents that target cancer cells while leaving normal cells unharmed. Cancer cells are abnormally dividing cells without homeostatic control. In the fight against cancer, antimitotic agents are one of the most successful groups of chemotherapeutic compounds currently used for anticancer treatment. Computational methods for discovering of targets and identifying lead compounds against these targets are playing a key role in the discovery and development of new pharmaceutically relevant drugs.

The Cancer Association of South African has requested Prof AM Joubert (Department of Physiology) to provide an overview of the research to be included in a booklet for public distribution. CANSA has supported her research for several years. Together with her national and international multidisciplinary collaboration and dedicated postgraduate students, the research focus entails the *in silico*-design, synthesis and *in vitro* evaluation of newly designed anticancer compounds in cancer cell lines of national and international importance.



Department of Anatomy receives interns from DST-NRF Internship Programme



Ciska van der Schoor



Molebogeng Bodiba



Stephany van der Walt

The National Research Foundation (NRF) and the Department of Science and Technology (DST) recently awarded internships to three postgraduate students in the Department of Anatomy. A product of a government initiative, this programme aims to double South Africa's current contribution of 1% to the global research output by 2020.

The ground-level effect of this initiative is to increase the national intake of postgraduates in the Science, Engineering and Technology (SET) fields; to enhance their skills and competencies; encourage them to remain in academia; and to obtain PhDs. The internship programme provides science graduates an opportunity to gain experience in the workplace and to participate in re-

search and teaching at various host universities. Through this process, better quality postgraduate students and research outputs are to be produced.

All three interns will be employed as Junior Lecturers in the Department of Anatomy from 1 April 2012 to 31 March 2013. Prof Ericka L'Abbé and Mr. Coen Nienaber will mentor Stephany van der Walt, a BSc Honours student in Physical Anthropology. Prof Maryna Steyn will mentor Molebogeng Bodiba, an MSc Anatomy student, and Dr Anna Oettlé and Prof Megan Bester will mentor Ciska van der Schoor, also an MSc student.

The collective responsibilities of the interns will include assistance with teaching, practicals and marking of tests and exams, as well as with departmental research projects and publications. The interns will also assist their respective mentors with tasks more specific to their field of expertise, for example forensic cases, excavations (field work and analysis), and various other projects and administrative tasks including marks and student affairs.

The interns are also expected to work on their own postgraduate research projects during this time.

Dr Leo Braack joins Zoonosis Research Unit

Dr Leo Braack joined the Zoonosis Research Unit (ZRU) in April as Research Entomologist/Ecologist, bringing with him valuable experience to complement the existing skills within the unit for investigation of arboviruses in the subcontinent. Dr Braack started his career in Kruger National Park investigating the role of insects in the transmission of anthrax, soon broadening his interests to malaria and various other areas of medical and veterinary entomology.

He later became head of research and moved up the management ranks in the Park, before taking up the position as International Coordinator for the three-nation Great Limpopo Transfrontier Park.

After leaving SANParks, he became Director for Conservation International in southern Africa, but after 7 years in that

position decided to "return to roots" and take up research again, joining the ZRU.

Dr Braack will work on vector groups known to have a role in arbovirus transmission, but also spend time researching aspects of feeding behaviour of malaria vectors. He hit the ground running, and by the middle of April was already representing – together with colleague Voula Stivaktis the ZRU as part of a US Centers for Disease Control & Prevention team to investigate bats as potential reservoir hosts of Ebola virus in Uganda.

The Faculty of Health Sciences welcomes Dr Braack into the ZRU and the larger University of Pretoria community!



Dr Leo Braack in Uganda

Staff Achievements & Highlights



Prof Annie Joubert, Department of Physiology, was nominated for the prestigious 2011/12 NSTF-BHP Billiton TW Kambule Award which recognises, acknowledges and promotes excellence in the South African Research and Development community across all sectors. Her research group focuses on the *in silico*-design, synthesis and *in vitro* evaluation of newly designed anticancer compounds. The Annual NSTF-BHP Billiton event is a flagship venture of the biggest and most renowned multi-stakeholder representative forum for Science, Engineering, Technology and Innovation organisations in South Africa and is endorsed by the Department of Science and Technology with the Minister of Science and Technology as the official Patron. Even though she did not win the award, the Faculty is still very proud of the impact of her research work is making.

Dr AE Theron, a current postgraduate student of Prof Annie Joubert at the Department of Physiology, was invited by Dr Laurence Lafanechère to visit the Department of Cellular Differentiation and Transformation (Joseph Fourier University, Grenoble, France) for 2 months this year. Dr Lafanechère and her research group investigate novel tubulin polymerization inhibitors with possible anti-angiogenic and anticancer activities. This research focus area coincides with research from Prof Joubert and her team at the Department of Physiology where the *in silico* design, synthesis and *in vitro* evaluation of novel anticancer agents are being investigated.

Prof Annie Joubert visited the laboratory of Dr Lafanechère in Grenoble, France during her study leave in 2008. This was the start of a new collaboration between her laboratory and that of Dr L Lafanechère at the Joseph Fourier University. Dr L Lafanechère is co-supervisor of Dr Theron for her MSc study with Prof Joubert as supervisor. The current collaboration between the Joseph Fourier University and the Department of Physiology addressing signal transduction mechanisms of anticancer compounds in the fight against cancer will be continued with postgraduate student exchange and supervision between these universities. Dr Theron's visit will strengthen already existing collaboration while furthering her postgraduate studies.



HONORARY FELLOWSHIP AWARDED TO PROF DH VAN PAPERDORP

Prof DH van Papendorp was awarded an honorary fellowship at the annual Physiology Society of Southern Africa conference held in Stellenbosch from 10-13 September 2012. Prof van Papendorp is a worthy recipient of this prestigious fellowship. He was recognized for his long and proud contribution and dedication to the medical profession and to Physiology.

Women in Science Awards First runner-up in Development of Rural Women: Prof. Riana Bornman

Prof. Bornman was recently awarded the first runner up position in the Development of Rural Women Category of the DST Women in Science Awards.

Prof Bornman's interest in human male reproductive health extended to animals and wildlife as biosentinel species to define the sequelae of environmental pollution and ultimately come up with strategies to mitigate human health problems. Since 2002, her public health focus has been on health effects in malarial areas where insecticides, including DDT (a known endocrine disrupter and toxicant), are applied for mosquito vector control with inadvertent exposure of humans and the environment. She has done extensive research in communities of the Vhembe district of Limpopo, using local VhaVenda women for training, recruitment and data collection. She is an NRF C1 rated researcher, a member of the UP Centre for Sustainable Malaria Control and served on several World Health Organisation (WHO) committees.

