



Monday Paper

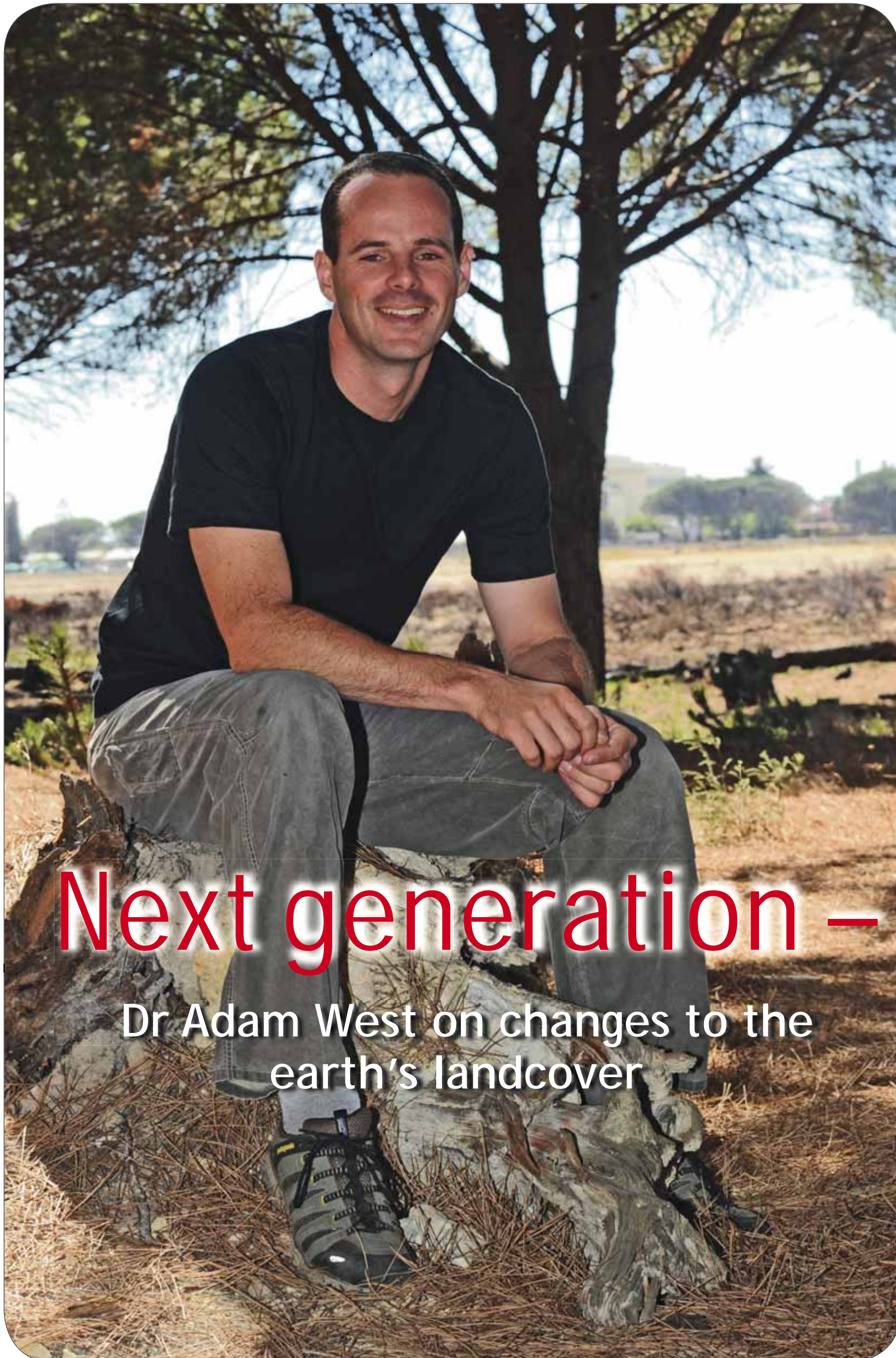
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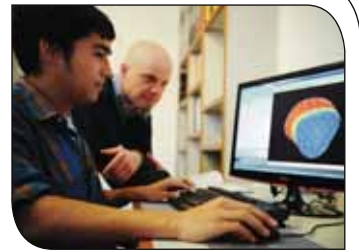


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Next generation –

Dr Adam West on changes to the
earth's landcover



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Computers chip in on heart disease

Medical researchers in growing numbers are switching from pipettes to processors as they begin to tap into the range of souped-up supercomputers so beloved by other disciplines.

Among them are researchers at UCT's Cardiovascular Research Unit (CVRU), who recently joined forces with the Centre for Research in Computational and Applied Mechanics (CERECAM) and the Centre for High-Performance Computing (CHPC) for a three-year research project, funded by the CHPC to the tune of R2.2 million. Specifically, this exercise in computational biomechanics will explore possible treatments for myocardial infarction, better known as heart attack.

The project builds on the work of project co-investigator Dr Neil Davies of the Biology Group in the CVRU, who's been looking into the use of a synthetic polyethylene glycol hydrogel – essentially a plastic and chemical compound – to repair the weakened walls of the heart following a heart attack. The hydrogel is injected into the heart, where it gels, sprawling out to form a web-like

substance that shores up the heart muscle's damaged tissue. In theory, anyway.

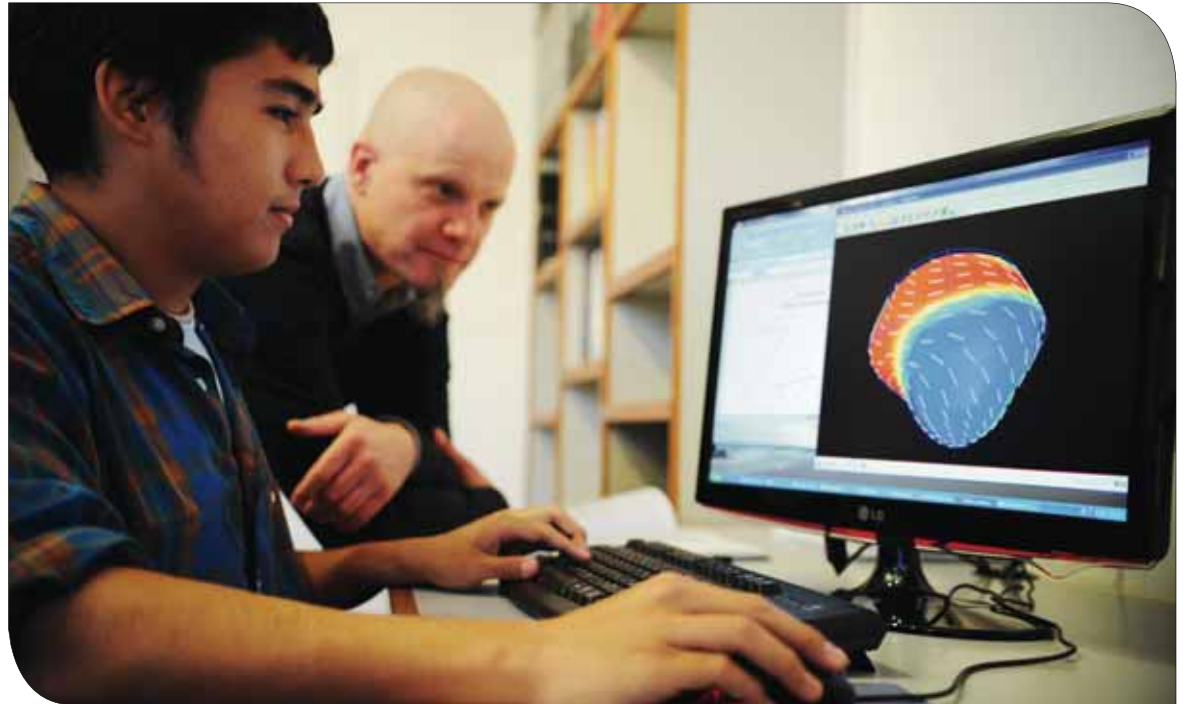
While results in Davies' animal tests have been promising, little is known about the effect the hydrogel has on the mechanics of the heart. Could other role players (such as tissue cells) be helping, they wonder?

Which is where the CHPC's banks of supercomputers – the fastest in Africa, the centre boasts – come in. "We now want to model the behaviour of the mechanics of the heart with and without the hydrogels," says principal investigator Dr Thomas Franz, who leads the Biomechanical Sciences Group in the CVRU.

It is also only the CHPC's second flagship project in the life sciences – out of 12 flagship projects all in all – since its launch in 2007. Which is why, reports CHPC director Dr Happy Sithole, the centre is giving it "high priority", and is keen to promote partnerships between the centre and those in the life sciences.

"Studies in the life sciences have a direct impact on the population at large," he says.

Other collaborators on the project



Hearty work: Jesse Macadangdang (left) and Dr Thomas Franz start prep work on their new collaboration with the CHPC.

are CERECAM's Professor Daya Reddy and Dr Sebastian Skatulla. And in keeping with its interest in developing human capacity, the project also involves postdoctoral fellow Dr Jeroen Kortsmits, doctoral research-

ers Mazin Sirry, Dr Karen Kadner and Fulufhelo Masithulela, master's students Renee Miller, James Mbewu and Peter Wise (all of UCT), and biomedical engineering student Jesse Macadangdang from the University

of Virginia in the US.

Funding for the CHPC-flagship partnerships comes from the national Department of Science and Technology.

Morgan.Morris@uct.ac.za



Emer Prof Martin West.



Mary Burton.

Contribution to education unites honorary graduands

UCT's honorary degrees, which will be conferred at the June and December graduation ceremonies this year, will celebrate heroes in teaching, reconciliation and computer technology.

Mary Burton will receive an Honorary Doctorate in Social Science at the December graduation. A human rights activist for five decades, Burton joined the Black Sash in 1965, and served as a commissioner in the Truth and Reconciliation Commission. Burton was also active in the Surplus Peoples Project, the National Council of Women, the Civil Rights League and the SA Institute of Race Relations. She is a recipient of the Order of Luthuli, the Order of Disa, and the Reconciliation Award.

Stella Petersen will receive an Honorary Doctorate in Education at the June graduation ceremony. Petersen holds a BSc, an MSc and a BEd, all from UCT. She was the first South African to study at Syracuse University in New York, earning an MSc in Education in 1949. Petersen taught biology for many years at Livingstone High School in Cape Town before retiring in 1970. Until 2005, Petersen worked at Kirstenbosch Botanical Gardens, where she achieved public recognition for her commitment to conservation awareness.

David Potter will receive an Honorary Doctorate in Engineering Science at the December graduation. Potter is an inventor, entrepreneur and a philanthropist. In 1980 he founded the software company Psion, which led the creation of the palmtop and PDA markets. Potter then launched Symbian Limited, which created an operating system for cellphones. Over 40 postgrad students have been supported by the David and Elaine Potter Foundation's fellowship programme at UCT.

Emeritus Professor Martin West will receive an Honorary Doctorate in Literature at the June graduation. West's award recognises his role in governance and transformation at UCT. In 2008 West retired from UCT after serving for 17 years as a deputy vice-chancellor, and later as vice-principal. He held the student affairs portfolio for over a decade, playing a major role in shifting student politics to a system of co-operative governance. He also played the key role in creating USHEP-IA (University Science, Humanities and Engineering Partnerships in Africa).

"This year's honouroids were selected after careful consideration of what they have each contributed, not only to their respective areas of expertise, but to education," said vice-chancellor Dr Max Price.

Chris.McEvoy@uct.ac.za

Know their rights, says Children's Institute

As part of an international initiative, UCT's Children's Institute has set its sights on educating health-care educators on child rights and child law through a new five-day short course, presented for the first time from 24 to 28 January.

Aimed at deepening the understanding of children's rights – both national and international – and enabling professionals to apply this knowledge in their daily work, the course includes up-to-date training on the new Children's Act in particular, the issue of consent to medical treatment, and the reporting of child abuse.

The course was developed by the Children's Institute, in collaboration with the Child Rights Education for Health Professionals (CRED-PRO) initiative, which is linked to the University of Victoria in Canada.

The course brought together 25 nurses and doctors from health faculties across the country (including UCT and the Universities of Stellenbosch, Witwatersrand and



Teamwork: The Children's Institute team are (from left) Lori Lake, Tendai Nhenga-Chakarisa, Paula Proudlock, Prinslean Mahery and Lucy Jamieson.

Fort Hare), as well as representatives from the Department of Health and CRED-PRO.

"The course speaks clearly to the university's socially responsive research and teaching agenda," says Lori Lake of the Children's Institute. "Health professionals are encouraged to consider how a child-rights approach can be used to transform health care services. The course also introduces the institute's research, so that they can make decisions and conduct advocacy from a strong evidence base."

"This is an excellent course and is relevant to a broad range of health professionals working in the field of paediatrics and child health, including nurse practitioners, paediatricians and health managers," says Professor Michael Hendricks of UCT's Child Health Unit. "As a clinician, one comes to see the application of children's rights as a vital part of clinical practice. I would recommend this course to all those working in the area of child health."

The Children's Institute is also establishing an online network of health educators who are focused on child rights, education and child law. This will be a resource for sharing teaching materials and experiences in integrating child rights and child law into curricula. To join the network, email Denise Brown on denise.brown@uct.ac.za. For more information on course materials, contact Lori Lake at lori.lake@uct.ac.za or 021 689 5404.

Chris.McEvoy@uct.ac.za

No monopoly on knowledge - Pradhan

Open knowledge, multiple knowledge nodes, open data and crowd sourcing were some of the buzzwords Sanjay Pradhan, vice-president of the World Bank Institute, used to explain the bank's new approach to development.

In his presentation, titled *Democracy and Governance: What's on the horizon?*, hosted by UCT's Democratic Governance and Rights Unit (DGRU) on 16 February, Pradhan outlined the World Bank's vision of open development. (The World Bank Institute is the capacity-development arm of the World Bank.)

"Open development challenges the traditional notion that Northern and Western aid institutions have some kind of monopoly on superior knowledge and wisdom," explained Pradhan. "They don't, of course, and they never did. This notion is

even more laughable in this day and age. The dominance and monopoly of knowledge has broken down, and the centres for knowledge have changed."

The plan is to open up data and knowledge to many institutions around the world to develop "multiple sources of knowledge", which can provide far more insight into development than a central source.

"We have changed our paradigm. We now see ourselves as a connector of knowledge, rather than the centre."

Rather than relying on a single institution in a country, explained Pradhan, the bank now aims to forge partnerships with multiple institutions in developing countries.

To this end, said Pradhan, the World Bank Institute is discussing partnership projects with the DGRU,



Open approach: Vice-president of the World Bank Institute, Sanjay Pradhan, outlined the World Bank's vision for open development at a presentation hosted by the DGRU.

as well as UCT's African Centre for Cities.

"By partnering with nodes of development with a greater knowledge of Africa, they, rather than we, become a centre for knowledge."

Chris.McEvoy@uct.ac.za

Transformation Month to focus on integrating transformation

This week will see the launch of UCT's first Transformation Month, with a full programme of speakers and events designed to stimulate further dialogue about transformation-related issues and to showcase the services the university has in place to further its transformation goals.

Director of the Transformation Services Office, Glenda Wildschut, explained that March was chosen to coincide with Human Rights Day in order to frame transformation within the context of human rights as articulated in the Universal Declaration of Human Rights.

"As the University's transformation drive is underpinned by a human rights philosophy, it is fitting that we celebrate transformation in the weeks leading up to 21 March," she said.

"We are excited about the programme we have lined up this month and are looking forward to introducing the campus community to our newly configured and integrated transformation services, as well as to some fascinating UCT and guest lecturers. The diversity of topics

discussed during this month demonstrates the many forms of transformation, and how we as a campus can engage with and embrace transformation."

The programme will be launched at 10h00 on 2 March in the Baxter Theatre's Golden Arrow Studio. Speakers will include the Chair of Council, the Most Reverend Njongonkulu Ndungane; vice-chancellor Dr Max Price; and deputy vice-chancellor responsible for UCT's transformation portfolio Professor Crain Soudien. The guest speaker will be Dr Pregaluxmi Govender, Commissioner of the South African Human Rights Commission.

"We are thrilled that Dr. Govender has agreed to give the keynote address at the launch," said Wildschut. "She is internationally renowned for her expertise in the field of human rights and is a member of the eight-member Panel of Eminent Persons, working on a global Human Rights Agenda. Her experience as an activist, educator, trade unionist, community leader and parliamentarian has given her invaluable insights

into the process of transformation in many spheres of society."

The first day of March will also see the launch of HAICU and Student Wellness Services' biannual large-scale HIV testing drive on both the Health Sciences and Main Campuses, which will continue on 2 and 3 March.

Highlights of the Transformation Month programme include a guest lecture by South African composer Philip Miller on 3 March 15h00 in the Sir Richard Luyt Room. The celebrated composer will be discussing the artistic process behind the creation of his ground-breaking choral work *ReWind: A Cantata for Voice, Tape and Testimony*. *ReWind* incorporates audio samples of Truth and Reconciliation Commission testimonies and Miller will discuss his inspiration for interweaving these samples within both operatic and traditional South African music idioms.

On 15 March Shuaib Chalken, UN Special Rapporteur on Disability of the Commission for Social Development will present a lecture at 13h00 in the Sir Richard Luyt Room.

A UCT alumnus, Chalken has a particular interest in how civil society can contribute to transforming policy regarding disability and is regarded as an international leader in the field of disability rights.

The celebrated REMIX Dance Company will perform in the African Studies Gallery on 16 March between 16h00 and 18h00. REMIX has received acclaim for their groundbreaking work in integrating the talents of dancers of varying physical capabilities, creating works of great emotional depth.

UCT staff and students will also be contributing to the programme. In the week beginning 14 March the SRC are facilitating a number of artistic activities with transformation themes on Jammie Plaza, which will culminate with a student panel discussion entitled *Who Does UCT Belong To?* which will take place in the Molly Blackburn Hall at 13h00.

The Faculty of Health Sciences' Transformation & Equity Committee, in collaboration with the Public Health Advocacy Institute (PHAI) at the Northeastern University Law

School, will hold an International Roundtable on Human Rights-Based Approaches to Tobacco Control on 22 March between 10h00 and 14h00 in Conference Room 4, Barnard Fuller Building.

Transformation Month will conclude with a Vice-Chancellor's Lecture on 23 March at 13h00 in the Centre for African Studies Gallery, which will be delivered by Professor Alan Rycroft.

UCT's Chair of Commercial Law, Rycroft will discuss dispute systems and the way in which well-executed dispute systems, such as mediation, have the capacity to transform work environments, heal relationships and provide the climate for a fulfilling work environment. Rycroft's address will be followed from talks from the former CEO of the CCMA, Noluthando Orleyn, and the UCT Ombud, Zethu Makamandela-Mguqulwa.

For more information contact the Transformation Month Coordinator, Nyambura Mwangi, on ext 5949/073 947 2545 or email nyambura.mwangi@uct.ac.za ■

Lung Institute breathes new life into old TB clinic

A fresh coat of light blue paint delineates the newly refurbished section of the Chapel Road Clinic in Salt River. The area has been transformed with several counselling rooms, improved patient access and private waiting areas where patients can receive tailored care.

This is a renovation spearheaded by Drs Rod Dawson, Greg Symons and Kim Narunsky of UCT's Lung Institute, who have built a unique partnership with the clinic, which services Cape Town municipality staff and their families.

Dawson insists that the project was small and they did "very little", but explains that the refurbishment equips

the clinic to cope with an increasing number of patients.

"The clinic was incorrectly configured to accommodate people without risking exposure to tuberculosis," says Dawson. "The clinic staff was potentially also being put at risk."

In return, the clinic has been a research resource for the Lung Institute. Over 100 patients at the clinic have been referred to the Institute for research and, as a result, have become some of the first patients in the world to be placed on new tuberculosis drugs.

"It is through our involvement with the clinic that we're able to do this work," says Dawson, who expects the

treatments to be rolled out worldwide in the future.

"Through funding this refurbishment, we have strengthened our links as academics with the community we serve."

"I want to thank you for what you are doing and I'm proud to be a part of the first municipality in South Africa to offer this service to our staff and their families," said Cape Town Mayor Dan Plato at the official opening of the new section on 27 January.

"I hope that this development will inject you with renewed energy in dealing with employee wellness."

Chris.McEvoy@uct.ac.za



Photographed at the revamped Chapel Street Clinic in Salt River are the City of Cape Town's Nombeko Mpongo (HIV/Aids information officer) and Jacobus Groenewald (HIV/Aids counsellor).

Security Kiosks ease fight against crime

It's understandable that people often take the Mobile Security Kiosks for police centres. They are branded with a South African Police logo, and have been set up specifically to take the fight against crime to new levels.

Donated by UCT's Properties and Services Department, the three kiosks are operated by the Groote Schuur Community Improvement District (GSCID). They were set up late last year to provide visible security in areas marked by police as "crime hotspots".

"These are areas where police are concerned about the high number of muggings and the abuse of liquor and drugs," explained Charl Brooks, GSCID's operations manager.

UCT is represented on the board of GSCID, which deals with security, cleansing and social welfare issues in Observatory, Mowbray, Rondebosch and Newlands. While the university is fairly safe, the periphery has proved to be problematic.

These kiosks provided an additional weapon in the fight against crime.

"Crime is not always com-



Warfront: GSCID security officer Lulamile Goba next to one of the Mobile Security Kiosks.

mitted in the same spots," Brooks noted. "The kiosk makes the whole operation much easier as they can be deployed to different places at different times."

The kiosks are fitted with emergency equipment, and the GSCID works closely with UCT's Campus Protection Services and SAPS. Currently, they have been set up in Anzio Road next to the Medical School, near the First National Bank in Mow-

bray, and in the Riverside Shopping Mall in Rondebosch.

A number of cases have been reported and several arrests have been made thanks to the kiosks. But they have also been helpful as information centres, especially to staff and students who hail from outside Cape Town. Brooks encouraged the UCT community to use the kiosks and the marked GSCID vehicles in time of need. ■

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New funding opens the research gates



Close-up: A new SATVI study, funded by the Gates Foundation, will look at why some people develop TB when infected but others do not.

UCT's South African Tuberculosis Vaccine Initiative (SATVI) has once again been made the recipient of major tuberculosis (TB) research funding.

SATVI's co-director, Professor Willem Hanekom, was awarded a \$5.3-million (R36-million) research grant by the Bill & Melinda Gates Foundation, specifically to learn why some people exposed to the tuberculosis germ (*Mycobacterium tuberculosis*) develop TB, while others do not.

Worldwide, nine million people develop TB annually, and 1.7 million die. Only 10% of people infected with the TB germ develop lung disease.

If successful, the research project will make a significant contribution to the fight against TB.

"Our first aim is to learn what to measure in blood that will indicate that an exposed person will develop TB disease," says Hanekom. "This will allow targeted intervention with antibiotics."

"The knowledge gained from our research should also guide the development of new vaccines to prevent TB altogether."

This three-year project will bring together some of the world's best scientists, from Seattle, Stanford and San Diego in the US, and from the Netherlands. The study will be led by Hanekom, from UCT's Faculty of Health Sciences.

The research team will analyse stored blood samples already collected from 6 363 adolescents. Nearly 50% of these adolescents were found to be infected with the TB germ at enrolment.

Some developed TB during two years of follow-up, but most remained healthy.

Stored blood will now be retrieved to look for differences in immune responses between those that developed TB and those who remained healthy. The researchers will use cutting edge technology in their search for these "correlates of risk of TB disease". ■



New knowledge: Prof Willem Hanekom will lead the study.

New knowledge sealed in old bones



Fossil forensics: The skull of a Homiphoca capensis seal that lived at Langebaanweg five million years ago.



Teamwork: The heroes of the Clinical Pharmacology Laboratory: (from left, back) Dr Lubbe Wiesner, Dr Tracy Kellerman, Prof Peter Smith, Moegamat Noor Salie and Moegamat Faik Salie; and (front) Jennifer Norman, Sandy Meredith, Katya Govender, Alicia Evans, Afia Fredericks, Prof Helen McIlleron and Prof Gary Maartens.

Grant rewards work of lab heroes

The grant that UCT's Clinical Pharmacology Laboratory (CPL) recently received from the AIDS Clinical Trials Group (ACTG) Network in the US is a vote of confidence; not for any one individual, but for the labours of everyone in the CPL, insists the head of the Division of Clinical Pharmacology, Professor Gary Maartens.

"The heroes are the people in the laboratory, directed by Associate Professor Pete Smith," he says.

Over the past decade, Maartens explains, the CPL has built up a track record second to none in the study of drug concentrations in African patients with HIV, tuberculosis and malaria, particularly among vulnerable groups. For example, the group's research has prompted changes in the doses of drugs administered to children, a notoriously tricky science.

This expertise has convinced the ACTG, funded by the US's National Institute of Allergy and Infectious Disease (NIAID), to award a five-year grant to set up the CPL as an International Pharmacology Speciality Laboratory for its human drug trials.



(Picture courtesy of WHO/P Viroc.)

Not aimed at any specific project, the money is intended instead as an infrastructure grant. So it will be used in part to cover the salaries of the experts in the laboratory, and to support the quality assurance programmes in the CPL to get it up to NIAID standards. The laboratory also received an additional equipment grant from the ACTG.

It means more than just cash in the bank, though; joining the ACTG family is an achievement of note, says Maartens. "Getting involved in this network is quite a big deal for us, as we will perform assays for specific projects and become involved in the design of future pharmacology studies within the ACTG."

Morgan.Morris@uct.ac.za

Today the Cape Fur seal is a common sight on South African coastlines. But five million years ago, seals populating the West Coast – then more closely related to some Antarctic seals – suffered disease and trauma, according to a new study.

In the fossil-rich area of Langebaanweg, about 110km from Cape Town, over 3 000 seal skeletal remains have been recovered, providing unique insight into their lives.

The study is the work of Dr Romala Govender and palaeo-biologist Professor Anusuya Chinsamy-Turan of UCT's Department of Zoology, with Graham Avery of Iziko South

Africa Museum. Their research has revealed that seal bones recovered from Langebaanweg show evidence of osteoarthritis, which seems to have affected several members of this population.

A tibia also shows unusual growth that probably accommodated a partial dislocation of the knee. A healed fracture of an ulna is evidence that although the limb was shortened, the seal lived for several more years.

There is also evidence of osteomyelitis (infection of the bone and bone marrow) in the pelvic bones of a young seal, which may have resulted from an open wound allowing infection to spread to the bone. Such

an injury could have occurred during the mating season – when males are known to be aggressive – or as the result of a predator attack.

"The work we do could easily be called palaeo-forensics," explains Chinsamy-Turan. "We literally piece together every bit of evidence from the fossilised hard parts to tell us about the lives of extinct animals."

"It has been wonderful to be able to unravel the biology of these five-million-year-old seals," says Govender. "This research has provided exceptional insight into the lives of seals that once lived on our West Coast."

Chris.McEvoy@uct.ac.za

Research pinpoints causes of rare heart disease that kills African mothers

After Professor Karen Sliwa delivered her inaugural lecture on 16 February, colleague Professor Valerie Mizrahi described her as the “consummate clinician/scientist”, someone whose work stretches “from the intricacies of cell biology and genetics through to primary health care and intervention”. And she is always thinking of the “well-being of the patient and the population”, Mizrahi added.



Hearty talk: Prof Karen Sliwa delivers her inaugural lecture.

These aspects of her work were clearly illustrated in Sliwa’s inaugural lecture this month, *Capturing and Preserving the ‘Heart’ of Africa*, her coming-out as UCT’s new professor of cardiac research and successor to Professor Lionel Opie as director of the Hatter Institute for Cardiovascular Research in Africa.

Worrying statistics

Firstly – the primary health care and intervention focus – Sliwa spoke of the surveillance of cardiovascular risk factors and disease, specifically in Africa. She pointed out that chronic disease, especially cardiovascular disease (alongside diabetes and cancer), is fast becoming the leading cause of death and disability worldwide.

More worrying is that 80% of deaths from chronic disease occur in low- and middle-income countries. These are statistics that Sliwa confirmed in the Heart of Soweto Study, a ground-breaking project that she established and led at Wits University to look into the emerging causes and consequences of cardiovascular disease in South Africa, specifically in a community in transition. In that study, she and colleagues screened over 8 000 people between 2006 and

2008, and started a primary care registry of the 1 300 patients at risk for cardiovascular disease, particularly because of hypertension (aka high blood pressure).

In addition, they also launched an intervention trial, a study now managed from the Hatter Institute.

As the Heart of Soweto Study also demonstrated, the burden of chronic disease is growing in South Africa, spurred on by obesity and

This often-fatal condition – it kills about 20% of patients affected – is a rare disorder in which women are diagnosed with a weakened heart within the final month of pregnancy or within five months after delivery.

hypertension, said Sliwa. “It will be a challenge to prevent the escalation of this problem.”

Disease that kills women

Underpinning that big picture, however, is a series of “interesting” cardiac diseases, said Sliwa. One that

attracted her attention is peripartum cardiomyopathy, a condition more common in Africa than in other parts of the world.

This often-fatal condition – it kills about 20% of patients affected – is a rare disorder in which women are diagnosed with a weakened heart within the final month of pregnancy or within five months after delivery. So feeble is the heart that it cannot contract forcibly enough to pump

enough blood to the rest of the body.

“These are totally healthy women; they get a child, they go home, and they develop this disease,” explained Sliwa.

Scientists struggled to pin down a determinable cause of the heart failure, however; even after looking

at a number of possible suspects, such as autoimmune response and genetic factors.

It was only through a chance meeting with Denise Hilfiker-Kleiner, now professor of molecular cardiology at the Hannover Medical School in Germany, that Sliwa struck a possible answer. In work totally unrelated to peripartum cardiomyopathy, Hilfiker-Kleiner had found that many of her model mice would die after giving

birth, for some inexplicable reason.

Genetic trigger

A conversation over a cup of coffee grew into a five-year study into how a dearth of STAT3, a gene that triggers a series of chemical pathways, could lead to heart

failure. By 2010, the two reported in a proof-of-concept study that treatment with a drug known as bromocriptine could preserve blood vessel formation and cardiac function, and so make up for the STAT3 deficiency.

This is but one of the research studies that Sliwa has introduced to the Hatter Institute. Another is the Heart of Africa, the umbrella title for a medley of projects that follow up and expand on the Heart of Soweto study into eight sites in Africa.

So Sliwa is shaking things up at the Hatter Institute. Little wonder, then, that she’s earned a couple of nicknames at UCT already.

On the night of her inaugural, Professor Bongani Mayosi, head of the Department of Medicine, assigned one: Lindiwe, which in isiXhosa means ‘the one we have been waiting for’, and is given to a bride taken from another nation. (Sliwa was born in Germany.)

The first nickname Sliwa overheard at UCT may be more apt, however: Hurricane Katrina.

Morgan.Morris@uct.ac.za
(To view footage go to: www.uct.ac.za/news/multimedia/stream_video/series)

Teaching ethics at UCT



Many programmes of study across the university, from commerce to engineering to health sciences, have added 'ethics' to their curricula. In some cases there is a full course on ethics, while in others ethics makes a cameo appearance within a course. But not a year goes by without the addition of a new programme or course that contains an ethics component. While this is a welcome trend, there are some important questions that need to be asked, [writes Professor David Benatar](#), head of the Department of Philosophy.

What is ethics?

The word 'ethics' has many different meanings.

In one sense, it is simply a synonym for 'morality'. In this sense one might refer to an action as being 'ethical' or 'unethical' if one wishes to describe it as morally acceptable or unacceptable. This is not typically the sense in which the word 'ethics' is used in university curricula. The teaching of morality has some limited role in universities, and often features in the hidden curriculum. For example, a clinician who is teaching medical students might teach morality by setting an example of how to treat patients.

However, because universities are primarily institutions of academic learning rather than of moral instruction, within the university context 'ethics' refers more commonly to 'the study of morality'. There are at least two ways in which morality might constitute the subject of study.

First, one might study what people – individuals or groups – think about morality. Scholars in religious studies might study different religions' views of morality, and anthropologists might study the moral views of different cultures. In this sense, ethics is a descriptive study. One learns about what people think rather than evaluating those moral beliefs.

Alternatively, morality might be the subject of philosophical evaluation – hence ethics (or moral philosophy) as a branch of philosophy. The aim here is to critically evaluate competing views about which actions are right (or wrong), to develop theories about what makes some actions right and others wrong, and to ask metaethical questions about the whole domain of ethics.

There is a third sense of 'ethics' that is relevant in the university context. In this sense, 'ethics' refers to codes of professional practice. Accountants, doctors, psychologists and others have codes of professional ethics with which they are expected to

comply. 'Ethics' in this sense bears some relation to the descriptive study of morality referred to in the preceding text.

Instead of studying the moral views of a religious or cultural group, one studies the codified moral views of a professional body. But because the moral views of that body have indeed been codified, it may also be thought to be more like studying law (or quasi-legal regulations) than studying moral views.

Why teach ethics?

Why we should teach ethics depends in part on what one means by 'ethics'.

Because some people conflate the different senses of 'ethics', they think we should teach ethics because it will make students morally better people. That is to say, they think that teaching ethics is teach-

ing students how to be moral. They believe that teaching ethics will prevent some of the egregious moral lapses that have been evident in the past.

The problem with this view, however, is that while universities can have some role in promoting the moral behaviour of students, incorporating ethics into the curriculum is very unlikely to have that effect. Knowing what professional codes say, or being able to think philosophically about ethical issues, is no guarantee that one will be morally good. This is because there is a difference between

moral knowledge and moral action. One might fail to do what one should do even if one knows that one should do it. For this reason, I do not think that improved moral behaviour, worthy though that goal is, should be a central justification for the inclusion of ethics in the curriculum. If it is, it is bound to disappoint and perhaps cause a backlash against ethics teaching in the future.



Ethics

thing that needs to be taught (perhaps because the relevant skills require cultivation), or it is not something that needs to be taught.

If it does not need to be taught, there is no point teaching it. If, however, it does need to be taught, then those who teach it must have the relevant qualifications. What counts as a qualification is, of course, a difficult matter. Interest in the subject is not sufficient. The proliferation of ethics courses and programmes has also been a two-edged sword. Those taking these courses are often thought to be qualified to teach the subject. However, many ethics courses are service courses rather than courses that give those taking them sufficient training to be able to teach the subject. When

A way forward

Those who include ethics in their curricula should give some thought to what they mean by 'ethics'. This would help clarify the point of teaching ethics and would provide some indication of the requisite expertise of those who will teach it.

While the Department of Philosophy currently has limited capacity and cannot assist with all the (philosophical) ethics teaching that is being undertaken around the university at present, we are both growing and also willing to do what we can. For example, the Faculty of Commerce is rolling out a requirement for its students to take a new course in business ethics. The course is based in the Department of Philosophy and is co-taught by

Some professional bodies require that ethics be part of the curriculum, but they are unclear about what they mean by 'ethics'. Do they mean merely the teaching of professional codes of behaviour, or do they mean the critical evaluation of competing views about right and wrong? If they are unclear, how should we as a university respond to that ambiguity? My own view is that professionals do need to be familiar with the codes of practice that govern their professions, but teaching these is a relatively straightforward enterprise. The academically interesting project is to teach students to critically evaluate those codes and other views about right and wrong. Not only is this academically interesting, but it is also important in other ways. Parrotting received moral wisdom and slavishly complying with the codes to which it has given rise promotes moral complacency and intellectual stagnation. Insofar as universities seek to open the minds of their students and promote critical thinking, the philosophical study of morality is important, even if non-philosophy students get only a taste of it.

Who should teach ethics?

The answer to this question also depends on what one means by 'ethics', and the failure to distinguish the different senses has led to some inappropriate disciplinary boundary crossings. Anybody can be a living example of how (or how not) to behave. Ethics in this sense could be taught by anybody, but this is not part of the formal curriculum. The teaching of descriptive ethics is best left to those with the necessary expertise in the relevant



field. Thus, it would presumably be religious studies scholars who would be best equipped to teach what religious groups think about various moral questions. Neuroscientists might be most qualified to teach about what happens in the brain when people make moral decisions. And professionals of various kinds who are familiar with their professional codes are suited to teaching about those codes.

A big problem occurs, however, when people without any (or with only inadequate) training in philosophy deem themselves capable of teaching ethics in the sense of critically and normatively evaluating what we ought to do. These people face the following challenge: Either ethics (in this sense) is some-

they do teach, those who are taught then think that they are in turn qualified to teach. The result is an academically embarrassing charade.

While philosophers do not pretend to teach medicine, for example, even if they have taken a first aid course, it is not unusual for doctors to think that they can teach what in effect is philosophy. The danger here is that as an institution, we could dumb down the teaching of ethics. This is not to say that there is no place for a suitably trained non-philosopher in the teaching of ethics to professional students. Instead, it is to say that there ought to be much better and more nuanced (even if informal) accreditation than we currently have.

a member of that department and a philosophically-trained accountant in the Faculty of Commerce.

A member of the Department of Philosophy has co-taught ethics in the MBChB programme for decades. The UCT Bioethics Centre now falls under the joint auspices of the Department of Philosophy and the Faculty of Health Sciences, an arrangement that we hope will formalise and extend a long-standing collaboration. We invite those who are teaching ethics (or who plan to teach ethics, in the relevant sense) in different parts of the university to consult with us. We would like to assist in ensuring appropriate standards of ethics teaching around the university. ■

“Some professional bodies require that ethics be part of the curriculum, but they are unclear about what they mean by ‘ethics’. Do they mean merely the teaching of professional codes of behaviour, or do they mean the critical evaluation of competing views about right and wrong? If they are unclear, how should we as a university respond to that ambiguity? My own view is that professionals do need to be familiar with the codes of practice that govern their professions, but teaching these is a relatively straightforward enterprise. The academically interesting project is to teach students to critically evaluate those codes and other views about right and wrong. Not only is this academically interesting, but it is also important in other ways. Parrotting received moral wisdom and slavishly complying with the codes to which it has given rise promotes moral complacency and intellectual stagnation.”

Lecturer's software simulations grab students

Dr Randhir Rawatlal, director of undergraduate studies in the Department of Chemical Engineering at UCT, is researching the effectiveness of animated simulations in education.

A piece of software he wrote "for fun" in teaching his third-year reactor design class has proved to be so successful that he is now writing additional simulations for use by school learners in the study of maths and science.

Rawatlal designed a simulation that showed how particles "bang about" inside a reactor, using animation and colour to explain and illustrate some complex concepts in chemical engineering. He then found that the group who viewed the simulation performed 25% better in a short quiz than the standard (chalk-and-talk) group, who didn't get to see the simulation until after the quiz.

"More importantly, the comments the [simulation-assisted] group wrote on their scripts showed a far deeper level of understanding than those of

the standard group," Rawatlal explains.

He has since deduced that the technology should be introduced earlier, perhaps even at secondary and primary levels, where core concepts are first established in the student's mind.

That sparked his interest in school education research, and feedback from teachers showed that the simulations would be invaluable in schools across the spectrum.

UCT's SHAWCO was also brought on board, together with the interactive white board project (Khanya) of the Western Cape Education Department. Through these partnerships, the software will be tested at a variety of learning locations in the Western Cape. Then Rawatlal teamed up with John Bransby (head of science at Herzlia High School in Vredehoek), a partnership that saw a variety of simulations being developed for the teaching of maths and physical science; and on 5 February, the project was launched at UCT. Through the

Siyafunda Project, the software will be further developed and tested at 11 disadvantaged schools.

"I expect to release a significant amount of content to schools in 2012," Rawatlal promised.

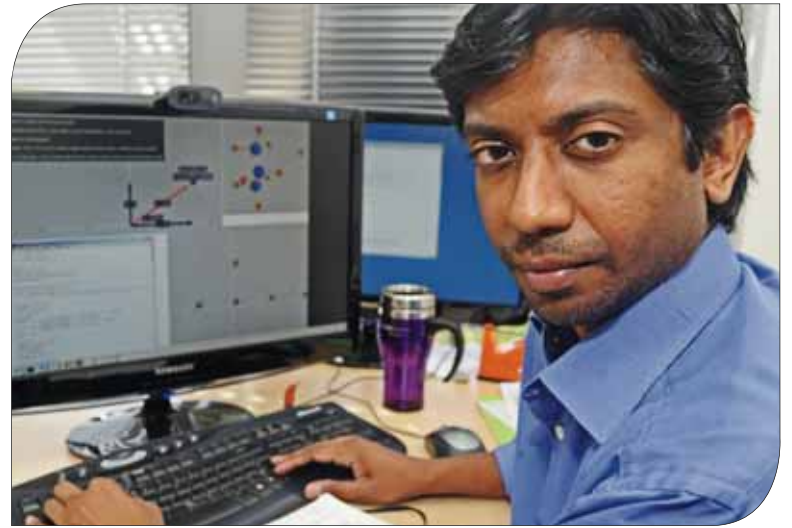
The software could be an asset to learners and teachers alike.

"The main idea is that students often miss the point because they become buried in the equations and language, and mathematics becomes an obstacle rather than a valuable tool," Rawatlal said.

"The real aim here is to provoke the students' imagination and creativity so that they begin to truly engage with the study material. Ultimately the students should understand the material at a far deeper level than is needed merely to get a pass in an exam."

And it could also be an answer to the shortage of maths and science teachers.

"This software has a self-study/training mode, specifically designed



Moving pictures: Dr Randhir Rawatlal, researching animated simulations in education.

to guide a learner (or even a teacher) outside the classroom to bring him- or herself up to speed on the material; or inside the classroom to deliver a polished, guided lecture. I believe that human contact is essential in education, and that teachers may

benefit greatly from this sort of hidden technical assistance."

Other universities, including Stellenbosch University, the University of KwaZulu-Natal and the University of Witwatersrand, have shown interest in the tool. ■



Urban life: Professor Edgar Pieterse, director of UCT's African Centre for Cities, delivered a lecture at the London School of Economics in the UK on 26 January.

African cities trapped in global discourse

Understanding the rapid urbanisation of African cities demands a new way of thinking, as traditional Western modes of thought are problematic when applied to Africa's unique situation.

"The inherited canon from western urbanism is not serving us well – we're trapped within the global discourse on how to think about this."

So argued Professor Edgar Pieterse, director of UCT's African Centre for Cities, at a recent lecture at the London School of Economics (LSE) in the UK.

This was the first presentation

given by Pieterse at the school following the formation of a formal strategic global partnership agreement between UCT and the LSE in 2010.

"We have no fixed idea about what we're doing," said Pieterse on his research project. "We only know what we are trying to do – which is trying to see if it is possible to build an endogenous body of theory on the specificity of these emergent conditions in African cities."

In coming to grips with African urbanisation, Pieterse explored some adventurous avenues, such as invit-

ing urban African artists to talk to scholars about their experiences and insights, in the hope that this communication would spark new ideas and fresh perspectives on the subject.

"It didn't work that well," says Pieterse, "but it didn't work in a very important way. We learnt a lot from that 'mistake'." In fact, a special issue of the UCT journal *Social Dynamics* will carry a number of the outputs of this research later in 2011.

So much was learnt that Pieterse plans to continue experimenting along these lines.

"In the next phase we want to try

to make an even bigger mistake," he quips.

The plan is to invite teams of artists, curators and project managers from six African cities to conceive and launch an intervention on the theme of 'publicness' in their cities, and use these experiments to help scholars rethink their approach to the "elusive idea" of the African city.

"In engaging with African urbanisation," says Pieterse, "we need deep, ethnographic and contextual research to destabilise Western technographic assumptions."

Chris.McEvoy@uct.ac.za

New faces at Development and Alumni

The Development and Alumni Department (DAD) has appointed new staff:

Zimkhitha Mqutheni joins the department as individual giving relations officer in the place of Jasmine Erasmus, who left in December to focus on studies and motherhood. Mqutheni obtained her degree in language and communication, as well as her honours in linguistics, at the University of the Western Cape. She has worked for Metropolitan Life Insurance, where her last position was as communication officer for the Government Employees Medical Scheme.

Relebohile (Lebo) Lethunya

has been appointed alumni relations officer, taking over from **Rene Nolte**, who assumes the responsibility for all matters concerning bequests to UCT, becoming DAD's first 'bequests officer'. Lethunya comes from Vega School, an institution of advertising and brand communication, where she is currently studying towards her master's degree. She has worked at Vega for the past two years, and was in charge of the school's part-time studies programme until appointed at UCT.

Josiah Mavundla has transferred from student housing, admissions and advocacy services at Student Housing

and Residence Life to replace Jane Connolly as DAD's senior manager of advancement research and information systems. Having worked with Mavundla at Student Housing before, DAD's executive director Jim McNamara said his new colleague is "one of those guys whose smile really lights up a room". McNamara is confident that Mavundla will fit right in as a member of the DAD team.

McNamara added that while the departure of such experienced staff members is a big loss for DAD, he was at least happy that the department has attracted candidates of such high calibre to replace them. ■



Relebohile (Lebo) Lethunya, Rene Nolte, and Zimkhitha Mqutheni.



EDUCATION NEWS
FROM AFRICA AND
THE WORLD

(Sources: AllAfrica, Chronicle of Higher Education, Times Higher Education)

THE LONDON SCHOOL OF ECONOMICS has severed links with the Libyan authorities following violence against anti-government protesters that has led to more than 200 deaths.

A Johannesburg Schools Education Summit is expected to take place in March to look into the schooling disruptions in Soweto last year, announced **GAUTENG PREMIER NOMVULA MOKONYANE**, while delivering the State of the Province Address.

MINISTER FOR BASIC EDUCATION ANGIE MOT-SHEKGA told a press briefing in Cape Town that students in Further Education and Training colleges

who qualified for financial aid would be "exempted completely from paying academic fees".

The MIT Press have released *Learning From YouTube*, a free, peer-reviewed "video book" written by Alexandra Juhasz, a professor of media studies at the **PITZER COLLEGE IN LOS ANGELES** in the US, who teaches a class about YouTube. It's the first time the press has published an online-only book.

Speaking two languages confers lifelong cognitive rewards that spread far beyond the improved ability to communicate, a study by Ellen Bialystok (a professor of psychology at **YORK UNIVERSITY**

in Toronto, Canada) has shown.

One hundred academics at the **UNIVERSITY OF CALIFORNIA** in the US have signed a letter of protest over the treatment of Muslim students who disrupted a speech by Michael Oren, the Israeli ambassador to the US.

Calls to segregate men and women in all **IRANIAN UNIVERSITIES** are gaining ground after the nation's science minister said institutions' "Western values" were a problem. "The problem is our universities were built on Western values ... that are not compatible with our Iranian-Islamic values," said Kamran Daneshjou.

Four students at Pakistan's

UNIVERSITY OF THE PUNJAB attempted to set themselves on fire outside the vice-chancellor's office in protest over degree recognition. The students, male and female, based at the university's Institute of Plant Pathology, were "intercepted" by the police and given first aid.

The British government plans to overhaul the country's immigration system and drastically reduce the number of visas issued. This amounts to a "hostile act against Britain's universities" and contains elements that have an "ugly taste of apartheid", Edward Acton, vice-chancellor of the **UNIVERSITY OF EAST ANGLIA**, has warned.

Chris.McEvoy@uct.ac.za

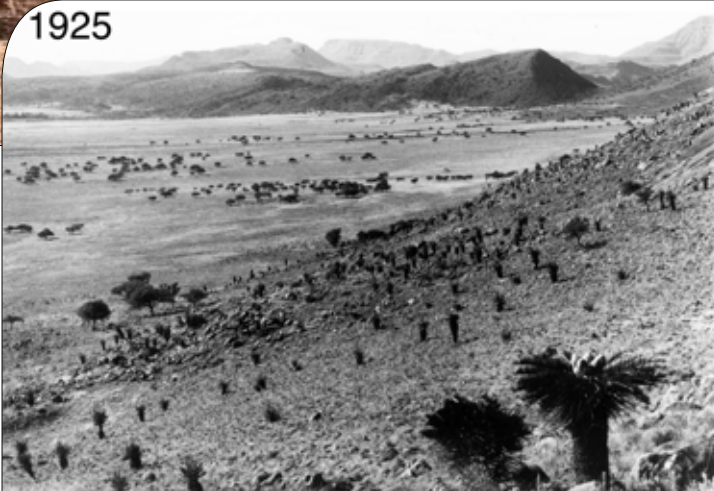
Going, going, gone

Scientists like UCT's Dr Adam West are grappling with what our future landcover will look like, and when...

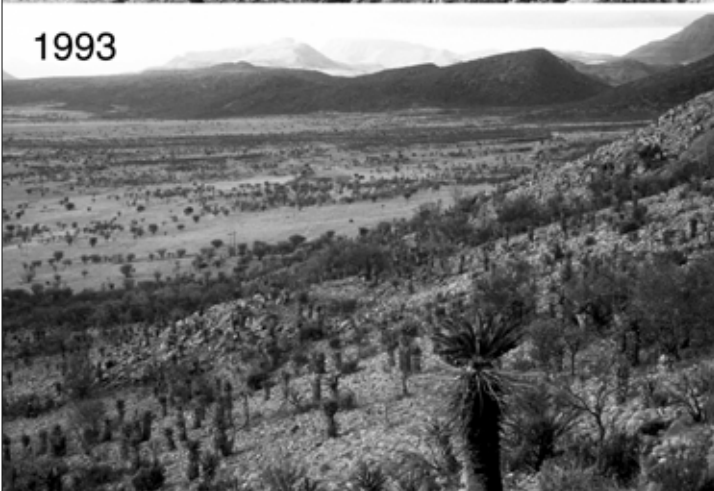


Next generation: Dr Adam West is part of an international network of researchers looking at issues of landcover change in Southern Africa. (To view footage go to: www.uct.ac.za/news/multimedia/stream_video/series)

1925



1993



2011



Looking back: Repeat photographs spanning over 80 years show the extent of land cover change in the Grassland Biome near Queenstown, Eastern Cape. (Photo credits: 1925, Illyd Buller Pole-Evans; 1993, Timm Hoffman; 2011, James Puttick.)

The “next generation of ecosystem science” is needed to solve South African, African and global questions about what the surface of the earth will look like in the next century. Scientists refer to this as “landcover”, a term describing the ecosystems that cover our landscapes.

Landcover determines access to food, water and sustainable livelihoods for those living off the land, which – in case you hadn't thought about it clearly – means all of us. It also determines how fast we adapt to climate change and whether we serve to mitigate or accelerate the process.

The “next generation of science” has to include the melding of ecologists, experimentalists and systems modellers – disciplines that traditionally think in vastly different scales – with societal needs and desired economic outcomes. It also needs to continue to put South African science on the global map.

“South African scientists have led the way in several important areas of global change research,” says Dr Adam West, a lecturer in the Department of Botany at UCT.

“We have unique ecosystems that are unlikely to respond in a similar manner to the more intensively studied systems in Europe and the United States. We also have important social challenges that have to be considered along with ecosystem change.”

The “next generation” he speaks of has started to self-organise.

In a series of workshops held last year – funded with start-up money from the UCT Vice-Chancellor's

The “next generation of science” has to include the melding of ecologists, experimentalists and systems modellers – disciplines that traditionally think in vastly different scales – with societal needs and desired economic outcomes. It also needs to continue to put South African science on the global map.

Strategic Fund – leading researchers from within South Africa, as well as international experts, identified core areas of research needed to tackle some of the pressing issues surrounding landcover change in Southern Africa. As a result of these workshops, researchers from UCT, Rhodes University and the South African National Biodiversity Institute will now lead a network that will organise and facilitate this cross-disciplinary research.

Professor William Bond, holder of UCT's Harry Bolus Chair of Botany and an international expert on landcover change in Southern Africa, thinks that it is now or never for South Africa.

“Large changes in landcover have been documented across South Africa in the last century,” says Bond. “We know this has the potential to affect the livelihoods of all South Africans. What we need now is the answers as to why and how we can influence the outcomes.”

Answering these questions won't be easy. It requires doing research across the boundaries of traditional

disciplines, something that many scientists feel uncomfortable with.

It also requires money. Global change experiments are not cheap. Elevated CO₂ experiments in the northern hemisphere run on budgets of millions of dollars per annum. Ironically, a major cost is the CO₂ used by the ton in such experiments.

Finding adequate funding locally will be challenging, admits Professor Brad Ripley of Rhodes University, but “we just have to think creatively about how to use our resources most efficiently”.

Hence the formation of the “next-generation” network, where experimental planning and information sharing can be optimised.

Dr Guy Midgley, director of the Global Change Research Unit at the South African National Biodiversity Institute, agrees: “South African scientists have done a lot with a little before; however, the formation of this network will improve our effectiveness, and show government that we recognise these key challenges facing our country and are pulling together to address them.” ■

Bloor addresses international humanities congress

Master's student Garreth Bloor delivered two research papers, on profit and ethics and on entrepreneurship, at the recent 9th Hawaii International Conference on Arts and Humanities. Bloor was one of only two postgraduate students to enjoy a spot at the podium.

Bloor focused on how developing societies can make a normative case for the values of entrepreneurship, while being consistent with their own cultural values and avoiding the individualism that has crept into much of what is understood to be enterprise.

His papers distinguished between existing business entities and corporations and the small business enterprise, highlighting the creative nature of the latter and its importance to overall development.

"The main goal of the conference was to provide an opportunity for academicians and professionals from various arts- and humanities-related fields from across the world to come together and learn from each other," explained conference co-ordinator Darren Garvey. The annual meeting is sponsored by the University of Louisville in Kentucky, US.

The 'ethics of entrepreneurship' is particularly pertinent to developing countries such as SA.

"South Africa urgently requires the creation of five million jobs. Government and academics have identified small businesses and the entrepreneurs who start them as integral to this process.

"The question is, how to we expand this objective of SME development from being not just about economics, but about setting a tone where we have SMEs and entrepreneurs seeing themselves as key players in meeting South Africa's national goals for growth and job creation?"

"The idea is not to romanticise the entrepreneur, but rather to see how their profit-driven objective ties in with the broader consequences of job creation. How do we create a discourse that synergises the entrepreneur and our national objectives?"

(Bloor is a current member of the UCT Council and the Honorary Degrees Committee, and a former SRC Vice President (2008). Some of his work will appear in the upcoming edition of the *Journal of Entrepreneurship and Public Policy*. See his article, written after the recent



International podium: Master's student Garreth Bloor delivered two papers at the 9th Hawaii International Conference on Arts and Humanities.

Fortune/CNN/Time conference in Cape Town, at <http://fmcampus.co.za/world-trade-is-good-but-local-innovation-comes-first/>.

See his article, written after the recent Fortune/CNN/Time conference in Cape Town, at <http://fmcampus.co.za/world-trade-is-good-but-local-innovation-comes-first/>.

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UCT students bag global award

They may be pursuing different disciplines, but an innovative business case study by three UCT students has won the Business Masters International Business Case Competition 2011 at the Karlsruhe Institute of Technology (KIT) in Germany recently.

Team Ideagora, made up of Jono Lewis (honours graduate in international relations), Matt Walsh (master's in international relations), and Justin Alvey (master's in electrical engineering), took the first prize, becoming the only team from Africa to have done so. They won €1 800 (about R14 000), and visited the Ludwigshafen-based global headquarters of the sponsors, BASF, the world's largest integrated chemical complex. The competition was also sponsored by KIT's Centre for Innovation and Entrepreneurship (CIE) and KICInnoEnergy.

With its emphasis on innovative applications of emergent technology, the competition pits students from around the globe against each other, to test not

only their business skills and technical understanding, but also their sense for entrepreneurship and their nose for market opportunities.

The focus this year was on innovative energy solutions. Team Ideagora designed a business case around the use of lithium-ion battery technology for renewable energy applications. Their concept, branded Kita, involves an adaptation of lithium-ion battery technology for micro-energy storage and electrification applications in developing communities in Sub-Saharan Africa.

Lewis noted that their knowledge of their market, and an emphasis on community development, gave them the edge.

"Knowing the general state of electrification rates in sub-Saharan Africa, and the social upliftment opportunities that our service could deliver, gave us an advantage," he said. "We were adamantly social in our enterprise outlook, in which profit had to have purpose ■



On the button: Justin Alvey, Jono Lewis and Matt Walsh after winning the Business Masters International Business Case Competition 2011.



LETTER

Dear Editor

Happy 30th birthday, *Monday Paper*! I well remember your birth, and was present at your conception – a group effort at Welgelegen, home in 1981 to a polyglot UCT Public Relations team including Alumni Affairs, NIB (News and Information Bureau), the UCT Foundation, Schools Liaison, staff and student visas, visitor programmes, publicity and many other functions, under the leadership of Leon Dempers.

Monday Paper was brought lustily to life by the late John Shapley, whose lust for life was legendary. I well remember the laborious process that translated John's stories from a shambles of notes on scraps of paper and the backs of cigarette packs, always knee-deep in ash, to the cut and paste (real physical actions – not simply the press of the button) of galleys ferried down to the UPD (University Printing Department) in Obs. Hours spent there making it all fit together often saw John working very late on Fridays, but he was sustained by festive braais under the wisteria at Welgelegen. The distribution of the finished product – a kitchen table operation by George Benjamin and Satisfy Sotashe – often resulted in personal delivery by John on his latest powerful motorcycle.

Scores of people have had a hand in *Monday Paper* over the last 30 years and it is now a first-class product, with a dedicated team, the best facilities and – dare I say – much easier means of production at their fingertips. But to John goes the 30-gun salute!

Alderman Owen Kinahan,
UCT Council and formerly UCT
Alumni Officer

Buy and sell textbooks easily



It is a win-win situation. Students struggling to buy pricey new textbooks are given an opportunity to purchase used ones at reduced rates, and sell them when done, thanks to Kalahari.net, a leading e-commerce retailer.

The company makes selling and buying of books online much simpler. Sellers register on the site and their banking details are verified. Then they upload their products by entering the name of the book, DVD, CD or game or by entering the ISBN number of the product. The system searches for the product, and once found, the seller nominates a price that he or she would like to sell the item for, as well as the delivery method (courier or postal service). And the item goes live on kalahari.net.

What makes the process safer is that the money paid by the buyer is held in kalahari.net's escrow account until the buyer confirms receipt of the purchase, and is then paid directly into the seller's bank account.

"Students can sell their old textbooks for up to 80% of the retail value at the end of each year," said Gary Novitzkas, chief executive at kalahari.net. ■

EVENTS

Department of Medicine Thursday Forums 03 March 2011 - Dr Philip Fortgens (Chempath) - "Assay interference in the clinical laboratory: a problem with potential clinical consequences". • 10 March 2011 - Prof Gary Maartens - "Controversies in TB preventive therapy for people with HIV". • 17 March 2011 - Dr Colleen Bamford (MEDMICRO) - "Untreatable nosocomial infections at Groote Schuur: insights from molecular epidemiology". • 24 March 2011 - Dr Mark Sonderup - ("Hepatitis C - 2011 and beyond"). • 31 March 2011 - Lung Institute 10th Anniversary.

GSB Research Seminar Series: "Cluster preferences in evaluating entrepreneurial opportunities" by Boris Urban and "The Configurations among the Entrepreneurship Dimensions of Institutional Conditions towards Economic Development" by Colin Reddy. Date: Wed 2 March, 12:30-14:30. Venue: Boardroom 1, GSB, Portwood Rd, Green Point. RSVP: tamlyn.mawa@gsb.uct.ac.za . • "Angel groups – Innovative Financing for Entrepreneurs" by Craig Mullett. Date: Friday 4 March, 13:00-14:00. Venue: Boardroom 1, GSB, Portwood Rd, Green Point. RSVP: tamlyn.mawa@gsb.uct.ac.za .

VACANT POSTS

EXECUTIVE AND ACADEMIC POSTS:

Executive Director: University Libraries, Office of the Vice-Chancellor, Closing date: 28 February 2011

Pro Vice-Chancellor: Safety & Violence Initiative, Office of the Vice-Chancellor, Closing date: 21 March 2011

RESEARCH, PROFESSIONAL, ADMINISTRATIVE AND SUPPORT POSTS (PASS)

Research Assistant, Department of Psychiatry & Mental Health, Faculty of Health Sciences, Closing date: 28 February 2011

Administrative Assistant, Student Records Office, Closing date: 28 February 2011

Laboratory Manager/Technical Officer, Department of Chemical Engineering, Faculty of Engineering & The Built Environment, Closing date: 1 March 2011

Administrative Officer, SALDRU, Faculty of Commerce, Closing date: 2 March 2011

Research Officers/Senior Research Officers (2 posts), Department of Chemical Engineering, Faculty of Engineering & The Built Environment, Closing date: 2 March 2011

Research Co-ordinator, Department of Psychiatry & Mental Health, Faculty

of Health Sciences, Closing date: 4 March 2011

Intervention Co-ordinator, Department of Psychiatry & Mental Health, Faculty of Health Sciences, Closing date: 4 March 2011

Team Leader: Student Computing Services, Customer Services Division, ICTS, Closing date: 7 March 2011

Internal Audit Manager, Internal Audit Office, Closing date: 14 March 2011

Research Officer/Assistant Research Officer, Energy Efficiency Group, Faculty of Engineering & The Built Environment, Closing date: 14 March 2011

POSTS FOR UCT STAFF ONLY:

To view the full advertisements and application requirements for each post, please visit www.uct.ac.za and click on "Vacancies"

PROPERTY/ACCOMMODATION

Rondebosch: Faculty Cottage Rental. Furnished, 3BR,2BA, secluded garden, gated, garage, Rondebosch, near UCT, Suitable for professional couple, R 8,500. April 1 to December 30. 0824251988/0216856976 kmoodley@interchange.ubc.ca

Hout Bay: Room for rent, Large, partly furnished in shared cottage, Hout Bay. Own bathroom, offst parking, access to garden/pool. R3000p/m excl elec. 1 month dep. Preferably quiet person. Contact Christy 0837149901

Hermanus: Cottage, Part share for sale. Existing Cape Town based owners seeking buyer for fourth share of historic cottage in Voëlklip. Sleeps six people. Within minutes of the lagoon and beaches. Dog friendly, with sheltered back garden and patio. Monthly costs R500. Asking price is R330,000. Not a time share. Contact details: cathy.kell@gmail.com

Sybrand Park: Full furnished separate entrance. Open plan lounge, fully built in kitchen Bathroom, one large room with BIC and courtyard. R3500 per month incl electricity Contact 083 564 6688/ shedav9@gmail.com"

Tamboerskloof: Room available in Flat in Tamboerskloof includes own en-suite bathroom, water and electricity. furnished or unfurnished. Student preferred. R3000 pm. Available 01.03.2011. Dezre 0713562846 dezlittle@gmail.com

Athlone: Neat partly furnished bedroom with en-suite and separate entrance available immediately or 1 March 2011 for single person. Close to public transport and shops. Rental R1800 pm including water & electricity. Contact 072-368-9440 to view.

Bergvliet (Upper): Lovely sunny cottage (bachelor), furn, sec parking, own patio. Suit Christian young professional. R3700pm (incl. elec). Avail immed. Tel (021)712-3818; Email: rael@absamail.co.za

Highlands Est/Vredehoek: One-bedroomed granny flat, open-plan kitchenette and lounge, bathroom with shower, secure parking, pool and garden use. 10 minutes to UCT, Town and Beach. R3800 all inclusive. Contact: susannedorinoll@gmail.com or sms 0827310387

RONDEBOSCH: Unfurnished bed-sit. Post-grad accommodation. Own kitchenette with fridge & microwave. Own shower & loo. Secure off-street parking. Extremely quiet & private. Walking distance to Jammie Shuttle. R3500 p.m. includes electricity. Available 1 March or slightly earlier. SMS Owen on 0832617484

Wynberg: Fully furnished rooms with main en suites offered in Upper Wynberg including security, and off-road secure parking. This includes two separate entrances and a laundry. Rental starts at R2500,00 per student per room. Email: accomodate38@yahoo.co.za"

Claremont: Semi furnished batchelor flat to rent, 5 mins from Cavendish and Jammie, Suit quiet postgraduate. R3200 all inclusive. Contact 0829713975

Plumstead: Furnished townhouse in secure complex. 2 double bedrooms, study, 1 1/2 bathroom, patio and lockup garage. Bed linen and water included R 7 500.00. Contact: 0741115074

Vredehoek: Bachelor Appartment available for rent. Located in Disa Park, Vredehoek; easy access to colleges and technicians. R3800.00 pm. Please call 0216503399 or 0761193570.

FOR SALE

"Diving Suit: X-large diving suit in good condition R500. I also have a medium dive suit (negotiable). Ph Eric x2279"

Furniture: Two seater couch, 1.8 m in length butternut colour. Good condition. R1600 neg. Contact Ntombi 0823762924

Stroller: MacLaren Stroller as new hardly used orange and grey R 750. Contact: tania.katzschner@uct.ac.za; 0836347887

DVD Movies: Bakgat (klas van 2008); Bakgat (oos,wes, Bakgat bes) R250 for both.... new still wrapped contact ext: 4739 or 0716775061

Car: Audi A4, 1.8L, 2000. Dark blue, full house, full service history, R45 000 onco. Contact Dr Weber 0216502819 / 0761657094

Perfumes: Quality oil-based perfumes like D'Jador, Dunhill, Issey Miyake etc. @ R120 per 60ml. Please contact Lionel @ 0736447792

Golf equipment: For women for sale. Almost brand new (used 3 times), retail price R8000, selling for R6500. Contact: Anne 078-2551112, or

anneschady@gmail.com

GENERAL

Editing Services: Please contact A. Harold, BA (Hons), MA (Wits); BA (Hons), MA (TESOL) (Cum Laude), HED (Unisa) 0214611483 or 0724140064 or alby01@telkomsa.net

Food Fanatics: Catering and Events - Lunches, Cocktails, Conferences, Office Meetings. Contemporary creative menus. Staff/Hiring/Bar. Contact: 0217979819 or 0836508563

Proofreading and Editing: Do you need the services of a qualified proofreader and copy-editor for your Theses, Journals and Dissertations? Competitive rates. Call Deborah 072-5326362 Email: proofreader@mweb.co.za

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Fitness: Join a fitness class! At 6:30am Monday, Wednesday & Friday at the UCT Sports Centre. Only R200/month.

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UCT sets the pace in Varsity Cup

It's not just that the Ikey Tigers have won their first three 2011 Varsity Cup games, but how comfortably – some more than others, maybe – they've done so.

They started off with a nervous but still convincing 26-10 win against the University of Free State's Shimlas, a team of whom much is expected this year, in Bloemfontein on 7 February. A week later they earned their first bonus point, outgunning the also-fancied Pukke from North-West University by 36-8 in Potchefstroom. And last week, on 21 February, at times they made scoring look easy, touching down six times in a 49-12 drubbing of Nelson Mandela Metropolitan University (NMMU) – despite not always playing sparkling rugby (blame that on the blustery conditions).

That self-belief that the coach, Kevin Foote, spoke about at the start of the competition may just be kicking in. "The guys have no doubt that they're good enough to win this whole thing," said Foote before the game against Shimlas.

There can also be no doubt that flyhalf Demetri Catrakilis has added a new element to UCT's game – kicking points. Under pressure in the opening stages of their game against NMMU, for example, Tigers were nonetheless 12-0 up within 15 minutes, all thanks to Catrakilis' pinpoint kicking.

By the end of the third match day he was the Varsity Cup's leading scorer, on 51 points.

But even with that healthy tally, Catrakilis has contributed less than half of the side's 111 points up to now – giving UCT a points-scored difference of 81.

It's also helped take UCT to the top of the log with 14 league points, one clear of the University of Johannesburg and three ahead of Stellenbosch University and the University of Pretoria.

It's the unity among the players, said Foote, that's really set UCT apart this year.

"We started off as a young team, but we're really coming together now."

UCT will have a chance to cement their position at the top of the log when they play Tshwane University of Technology (TUT) – who've been blowing hot and cold so far – at home on 28 February. The crunch match comes on 7 March when they host three-time champions Stellenbosch.

UCT will probably want to take advantage of the notoriously windy conditions on their home ground. Especially when they play into the wind, which suits their game plan better, as they



True Tiger: Demetri Catrakilis has kept the UCT scoreboard ticking over this season. (See footage at: www.uct.ac.za/news/multimedia/stream_video/series)

showed against NMMU, said captain, Nick Fenton-Wells after that match.

"It's not in UCT's DNA to kick the ball at all. We just want to look after the ball and play as much rugby as possible."

It's also good to see that UCT stu-

dents are turning out in bigger numbers for the home matches. That may well be useful when the vocal Maties fans travel here.

The matches against TUT and Maties will both kick off at 17h00, and will be televised on SuperSport 1. ■



The UCT-NMMU clash was also an emotional one as the sides were playing for the Monté Taljaard Floating Trophy, established in 2008 in honour of the late UCT player who hailed from Port Elizabeth. (UCT donned special shirts to mark the occasion.) UCT has now won the trophy in all four years (2008-2011), and Taljaard's father, Sydney Taljaard, was on hand to present it to UCT captain Nick Fenton-Wells. ■

Take the test, win a car

First-year students stand a chance to win a Toyota Yaris and grab a bag of giveaways in a national HIV/AIDS drive that aims to test close on 35 000 students.

Running from 1 to 3 March, the drive is part of HAICU's First Things First campaign, to generate awareness around the epidemic and to motivate students to be counselled and tested for HIV.

Campaign funders Innovative Medicines South Africa (IMSA) will be hosting free testing to students on the Health Sciences Campus at the Barnard Fuller Building and quad, and Student Wellness will do the same on Upper Campus from 1 to 3 March.

Students will also receive a First Things First bag, which includes condoms, information pamphlets, a rubber wrist band and an entry form for the car competition. Also included in the bag is a short

movie on DVD about HIV testing, produced by IMSA. The campaign includes students signing a pledge wall after they have been tested. The wall will be on the Health Science Campus on 1 March and will be moved to Upper Campus from 2 to 3 March.

The ambitious target of 34 500 students tested was set by the Minister of Health, Dr Aaron Motsoaledi, and the campaign was launched in the last week of January and will run through to mid-March. UCT is one of 15 universities in seven provinces participating.

Also partnering with IMSA in the First Things First campaign are the Department of Health, the South African National Aids Council, the Foundation for Professional Development, Higher Education South Africa and the Higher Education HIV and AIDS Programme.

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I am responsible, we are responsible. South Africa is taking responsibility.

Squash tournament honours fallen hero

Following a very successful competition in 2010, the UCT Squash Club is again hosting the annual Keith Grainger Memorial UCT Squash Open Championships this year. The event will be staged in the Sports Centre from 4 to 6 March.

The UCT tournament is named in memory of the late UCT student, a national school champion who, despite bone cancer and losing his

leg in an amputation, was a dedicated servant to the club and the sport at UCT. Among other things, Grainger would go on court – with an artificial leg – and hit balls to beginners and help them with their technique.

He was also centrally involved in organising the club's first tour to the US, in December 2000, and went on the tour as manager – even playing a couple of matches en route.

Grainger died in September 2001 during the third year of his studies.

At the UCT Sports Awards that year, Professor John Simpson awarded his Chairperson's Award to Keith posthumously.

"It is an award made solely at the discretion of the Chair of Sports Council to someone or some group of people who had made an outstanding contribution to sport,

but for whom the awards on offer are not applicable," said Simpson at the time. "If anything, the task has become tougher each year, but to be quite frank, this year's recipient was so clearly the obvious choice that it took me but a few seconds to make that decision."

The 2010 event was a great success with 56 players – some of the country's best players among them

– turning up for the event, reports sports administrator Kerr Rogers.

Among those taking part was Grainger's sister, Natalie, the world number five and the top-ranked player in the US. Grainger, who won the women's event in 2010, will return in 2011. Also attending will be parents Jean and Chris, who still play competitive squash for the Gauteng masters' team. ■