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Collaboration with pharmaceutical giant to foster drug development in Africa

UCT and the Novartis Institutes for BioMedical Research (NIBR) are working together to bridge the gap between basic science and clinical research to advance innovative medicines that treat African patients.

The collaboration with the university's Drug Discovery and Development Centre (H3-D), announced on 28 February at NIBR headquarters in Cambridge, Massachusetts, during the *Health Equity Symposium: Science & Medicine in Africa*, is an important step towards building drug discovery and development capabilities in Africa – and educating the next generation of drug-discovery scientists in Africa.

A major goal of this collaboration is to develop a US Food and Drug Administration (FDA)-level clinical study site in Cape Town to conduct proof-of-concept studies of new compounds developed at H3-D. Additionally, Novartis will provide H3-D with new chemical starting points for the design of medicines against tuberculosis (TB), and conduct joint programmes on malaria research with the Singapore-based Novartis Institute for Tropical Diseases (NITD).

Vice-Chancellor Dr Max Price said: "UCT is committed to providing a meeting point for Western and African expertise to collaborate on solving problems such as Africa's substantial burden of disease. This partnership with a pharmaceutical giant of Novartis' calibre has the potential to benefit the entire continent."



H3-D director Prof Kelly Chibale, (front centre) with his research team. H3-D's partnership with Novartis will augment support already provided by the South African government's Department of Science & Technology and Technology Innovation Agency to build drug discovery and development capabilities on the African continent.

H3-D is the first drug discovery centre in Africa, with an initial focus on TB and malaria, two top medical needs on the continent. Last year, the first compound developed by H3-D was approved by the Medicines for Malaria Venture as a pre-clinical anti-malarial candidate. NIBR is the pharmaceutical research organisation for Novartis, a global healthcare com-

pany, and has ten major research sites around the globe working on many diseases, including neglected infectious diseases that disproportionately affect people in the developing world.

Key elements of the H3-D and Novartis collaboration include:

- building capabilities in pre-clinical and clinical research areas, including an FDA-level clinical study

site to test new molecular entities, and establishing research collaborations in malaria and TB;

- organising scientific exchange programmes between Novartis and H3-D scientists to address unmet medical needs in Africa, starting with TB and malaria, and knowledge-sharing in various disciplines, including pharmacol-

ogy, computational and medicinal chemistry, and clinical sciences.

Programmes will include internships, postdoctoral fellowships and sabbaticals both in Cape Town and at Novartis campuses around the world; and

- financial support from the Novartis Research Foundation to fund training programmes, fellowship grants and laboratory upgrades at H3-D.

H3-D director Professor Kelly Chibale said: "This partnership with Novartis will augment support already provided by the South African government's Department of Science & Technology and Technology Innovation Agency to build drug discovery and development capabilities on the African continent. It will help us address medical needs in South Africa and the continent, and build strong translational research capabilities that will create commercial opportunities for the country.

"Not only will Novartis help with our efforts to build a translational research infrastructure, it will also help train a new generation of drug discovery scientists who are familiar with the continent and who can benefit most from this expertise."

Already, three H3-D scientists have received training at Novartis on the use of drug discovery technology, through the internship programme at Novartis global headquarters in Basel, Switzerland; and several Novartis scientists have taken or are scheduled to take a sabbatical at H3-D. ■

Violence and alcohol: workshop examines dangerous brew



Twin interests: Prof Jeremy Seekings (right), "delighted" that the recent alcohol and violence workshop attracted strong interest from a range of researchers and practitioners. The workshop was hosted by UCT's Safety and Violence Initiative, of which Guy Lamb (left) is director.

A recent workshop hosted by the Safety and Violence Initiative (SaVI) and the Centre for Social Science Research (CSSR) examined the link between alcohol and violence in South Africa, at a time when the subject is high on the national agenda.

SaVI, directed by Guy Lamb, is a UCT network of researchers concerned with diverse aspects of safety and violence in South Africa. The CSSR, directed by Professor Jeremy Seekings, is one of several research groups at UCT that participates in SaVI.

The aim of the workshop was to host a conversation between different researchers and practitioners with a common concern around the subject of drinking and violence, but who work in separate fields with little or no interaction with each other.

The workshop brought together three groups of people: medical

researchers, who know about violence because injured patients arrive at clinics (and bodies arrive at mortuaries); social scientists, who study the links between drinking and violence; and practitioners, who are trying to effect successful interventions to reduce violence through addressing drinking.

About 50 delegates attended the two-day workshop. They included a mix of UCT academics and graduate students from diverse faculties and some visiting scholars, together with a number of practitioners from, for example, the Chrysalis Academy, a youth development programme in Tokai, and the City Council's Violence Prevention through Urban Upgrading project. Four of the presentations were from members of a joint project between King's College, London, and UCT.

Seekings said the workshop represented the first step in a process to har-

ness research into alcohol and violence. The process has been funded by the VC's Strategic Fund.

"The next step is to commission some new research," he said. "Then, at the end of this year or early next year, we'll hold a second workshop for people to present new findings from research or practical interventions."

He believes the workshop achieved two major objectives.

"First, we all realised that the link between drinking and violence is a lot more complex than is often suggested. There are many pathways to violence, and some lead through drinking, and others not. Many people drink, and even drink heavily, without becoming violent.

"Secondly, we know more than we thought, because there are more people chipping away at the problem than most of us imagined." ■



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news in pictures • news in pictures • news in pictures • news in pictures

1 Second-year physiotherapy students recently took their professional oath prior to starting clinical practice. At the ceremony, officiated by the health sciences faculty's Professor Karen Barnes, Deputy Dean: Research (pictured above), the students formally pledged to uphold the strictest standards in the services they would be offering. Guest speaker Professor Steve Reid, the Director and Glaxo-Wellcome Chair of Primary Health Care, entertained students with anecdotes from his experiences as a healthcare practitioner in rural areas. On a more serious note, he emphasised the important role the physiotherapy students will be playing in the community – and later, in rural placements during their community service year.

2 Professor Raj Ramesar (human genetics) is one of several academics from the Western Cape who have been invited to serve as ambassadors for the Cape Town International Convention Centre (CTICC). The ambassadors have either hosted large meetings or will host meetings in the future. "Quite importantly, though, what we have realised is that part of the mission of UCT to elevate its international standing is to ensure that we attract top academics from as many fields as possible to our institution and to Cape Town and South Africa generally," said Ramesar (second from right, back).

3 Thanks to funding worth R100 000 from Adcock Ingram, three nurses at UCT will be able to complete their Professional Certificate in Allergy Nursing, furthering nurse training and education at the university. Photographed at the cheque handover were Dr Abofele Khoele (executive for drug management development at Adcock Ingram) and Associate Professor Mike Levin of the Red Cross War Memorial Children's Hospital.

4 Now in its third year, the Zabalaza Theatre festival programme has expanded to include poetry, hip-hop, musical theatre and opera for the first time. Over 30 productions featuring 200 artists will be showcased in its three-week run this month. The festival provides a developmental platform for theatre and other art forms from the Western Cape, Johannesburg, Durban and Pretoria. It will end with an awards ceremony on Saturday 23 March. Pictured above are

cast members from the group *Stars of Tomorrow Street Kids*. (Photo by Elelwani Netshifhire.)

5 Cameroon-born philosopher, academic and social theorist Professor Achille Mbembe delivered a public keynote address at the Hidding campus, part of the *Between the Lines* symposium held at the Gordon Institute for Performing and Creative Arts (GIPCA) at Hidding Hall. Mbembe used the opportunity to discuss the idea of translation as a metaphor to understand how we confront 'the other' and move beyond racism towards a more humane society. *Between the Lines* invited 10 artists and 30 art students to reflect on innovative artistic research that engages with translation and mediation across social and cultural differences. It is a joint project of the Hochschule für Bildende Künste, Braunschweig, Germany, and UCT's Michaelis School of Fine Art. (Photograph Lorna Daniel, image courtesy GIPCA.)

6 UCT students did their bit to halt the spread of HIV/AIDS by filling Jameson hall in late February to test their HIV status, part of the annual First Things First HIV Testing and Counselling (HTC) campaign. HIV testing, counselling, treatment and support are all important components of the UCT HIV/AIDS response, says Stella Kyobulamuza, project officer at UCT's HIV/AIDS Institutional Co-ordination Unit (HAICU). The National Tertiary Testing campaign is a collaboration between the national Department of Health, Higher Education HIV/AIDS (HEAIDS), the South African National AIDS Council, and 23 tertiary institutions around the country. One of the first up for testing was Emily Bates (in picture), Students' Representative Council health, safety and environment co-ordinator.

7 To mark International Wheelchair Day in March, the Students' Representative Council (SRC) hosted an event to "promote awareness and inspire people to take action", according to its president, Lorne Hallendorff. Guest speaker, Manthipi Molamo-Rathloa, director of services to people with disabilities for the national Department of Social Development, urged "See me. Don't see my wheelchair".

8 Two hundred members of the South African Clothing and Textile Workers' Union marched to Bremner Build-

ing on 1 March to protest the recommendations of Professors Nicoli Nattrass and Jeremy Seekings of UCT's Centre for Social Science Research. The duo recently published a working paper titled: *Job Destruction in the South African Clothing Industry: How an alliance of organised labour, the state and some firms is undermining labour-intensive growth*. Nattrass and Seekings had argued that forcing clothing companies to comply with the minimum wage of R369 per week threatened "thousands" of jobs. Deputy vice-chancellor Professor Thandabantu Nhlapo (in picture) accepted a memorandum from the union. Nattrass and Seekings responded to SACTWU on the CSSR website (<http://www.cssr.uct.ac.za/sites/cssr.uct.ac.za/files/pubs/Response%20to%20SACTWU%207%20March.pdf>).

9 In February, Emeritus Professor Cesareo Dominguez (left in picture), whose research spans elementary particle/high-energy physics, received the inaugural Humboldt Research Award at the German Embassy. It was presented by the German Minister of Science, Professor Annette Schavan (far right). The award was established by the German-based Alexander von Humboldt Foundation (AHF) in memory of UCT scholar and AHF fellow Dr Neville Alexander. Dominguez, an emeritus professor of theoretical physics, was named winner alongside psychologist Professor Soraya Seedat of Stellenbosch University and toxicologist Dr Joseph Owuor Lalah of Kenya. The winners will conduct research in Germany, fostering collaborations with German academics.

10 Thirty young researchers from 16 African countries, and a number of UCT's students, attended the recent Summer School organised by the Centre for Social Science Research (CSSR) and the Afrobarometer network. The latter is a continent-wide study of public opinion on political issues. The network has run summer schools for young researchers involved in data collection in different countries in the past, while the CSSR has also run short courses for government, NGOs and young researchers. "This year, we combined the two into what we hope will become a regular, institutionalised forum for building social science research among young African researchers," said the CSSR's Professor Jeremy Seekings. The school is funded in part by the Vice-Chancellor's Strategic Fund. ■

Hirsch appointed to pioneering position in commerce faculty

Professor Alan Hirsch, a former chief economist to the Presidency, has been appointed as the founding director of the newly-created Graduate School of Development Policy and Practice in UCT's Faculty of Commerce.

"It gives us great pleasure to welcome Alan Hirsch back to UCT," said Dean of Commerce Professor Don Ross. "The knowledge and experience he brings to our community of academics who study and teach policy could not be exceeded by anyone else. The expectations we attach to the new graduate school, which will be the first of its kind in Africa, are signalled by the appointment of so eminent a leader as its first director".

Hirsch noted that Vice-Chancellor Dr Max Price had signalled his intent to create a Kennedy School for Africa at UCT in his installation address.

Based at Harvard, the Kennedy School boasts renowned faculty and pioneering research centres, and its students are "prepared and trained to lead, no matter whether in the private, public or non-profit sector". The school convenes the best and brightest international leaders in engaging with today's top issues. Over the past



Prof Alan Hirsch

75 years it has become the global leader in educating and empowering individuals committed to advancing the public interest.

"We are building a school to strengthen the skills, knowledge and

strategic abilities of public-sector policymakers and leaders in South Africa and Africa," said Hirsch. "This is an ambitious vision, but not too ambitious for UCT. It has inspired me to work on the project and to return to

UCT. We have already built a small, but very strong team to carry out our shared vision.

For Hirsch, the academic appointment is something of a homecoming. He was born in Cape Town and

educated in South Africa and the US, with degrees in economics, economic history and history from UCT, Wits and Columbia universities. He has also trained at Georgetown University and was a visiting scholar at the Harvard Business School.

Hirsch started his career as an economic history lecturer at UCT, where he was economic policy research director. In 1995 he joined the Department of Trade and Industry and occupied several senior positions in industry and technology policy-making, until joining the Policy Unit in the Presidency in 2002 as chief economist. He led the negotiations team for South Africa for its first World Bank loan in 1998, and led the first negotiations with the EU for a trade and development agreement, starting in 1994.

Most recently, in the Presidency, he monitored and evaluated economic policy implementation, represented the Presidency at the G20, and was co-chair of the G20 Development Working Group from 2010 to 2012.

Hirsch has published widely on trade and industrial policy issues and has written a book titled *Season of Hope – Economic reform under Mandela and Mbeki*. ■

Desocialise employment? Le Roux's inaugural lecture poses the big questions

The contract of employment is like the dodo – it existed once upon a time, but no living person has ever seen it.

This was the contention of Professor Rochelle Le Roux, director of the Institute of Development and Labour Law, in her recent inaugural lecture, *Employment: A dodo or simply living dangerously?*

Le Roux, said that, "despite wonderfully creative attempts", no scholar, academic or judge has been able to produce a satisfactory definition of the contract of employment.

"The best that can be done is to mix a number of factors together according to some secret recipe, thereby producing a contract of employment from which will emerge a creature called an employee," she said.

Le Roux said it was clear to her from an early stage in her studies that many modern forms of work "can simply not be explained in terms of a contract of employment. Yet the champions of labour law seem determined to regulate only those productive activities that can be accommodated by the contract of employment".

She said if these productive activities could not naturally be accommodated within the contract of employment, they were "artificially beaten into a shape that looks like a contract of employment, using legislative tools and/or jurisprudential imagination".

Her research showed that in South Africa, the contract of employment – as a concept embracing all forms of wage-dependant labour – reached maturity only towards the third quarter of the 20th century, and that the principal division in employment law for most of the 20th century was based on social rank and status, rather than dependence and independence.

By attempting to transmute all productive activities into employment, employment as an institution would be destroyed, not rescued, Le Roux said.

She extolled the virtues of the guild system, saying this was the primary means for organising work for at least 300 years, from 1100-1400. Some guilds even survived into the 20th century.

"In broad terms, the European guilds were independent, self-governing, mostly city-based organisations in which people shared a trade or profession. These guilds were recognised by local or city governments.

"Often shrouded in mystery and criticised for being patriarchal and for undermining competition, the guild system was nonetheless

a great institution. It represented a warranty of quality, provided social solidarity in times of need and produced great architecture, art, roads and canals that are still admired to this day," Le Roux added.

"If a great institution like the guild system, which was deeply embedded in society for more than 300 years, could not survive what was clearly the first wave of globalisation, what can be done to rescue a youthful institution like the contract of employment in the face of globalisation, now reaching tsunamic proportions – or was it always meant to die young?" she asked.

Out of a labour force of about 18 million, including discouraged work-seekers, around 6.8 million are unemployed. Of these, 4.5-million are between the ages of 15 and 34. Stats SA surveys have shown that approximately 2.1 million people are informally employed, and these people are extremely vulnerable and completely removed from the securities most people associate with standard employment.

Trade unions, she said, could possibly play a role in providing social security, "but because they have a limited capacity, we need to think of a more universal platform for providing such security, such as a basic income grant".

"The number of poor and jobless people is growing," said Le Roux. "They are angry, insecure and bored, and they are young. We might not want to hear them, but the bells are tolling. Have we not reached a stage where the different layers of precautionary principle ask of us to depart from conventional thinking and to go where there is no path to trail, and in doing so imagine and explore truly new labour law landscapes?"

"More particularly, has the time not come to accept that employment can be neither the site where the flaws of history are remedied, nor the site where the social risks of life can be absorbed?"

"Is the trader, who walks around with his shop on his back, not entitled to at least the same – or even better – social protection as the secretary who is indefinitely employed?"

Hers, she said, was a call for the de-socialisation of employment. "As long as we link social rights and benefits to employment, we encourage employers to take measures that allow them to avoid labour law. Employees, like all other workers, should labour for wages that reflect the value of their efforts, and not for future social security entitlements that have little bearing on the value of the services rendered." ■



Celebrating their *ad hominem* promotions with the Dean of CHED Prof Nan Yeld (far left) and the Vice-Chancellor Dr Max Price (far right), were CHED staff members Carla Fourie (centre left) and Dr Cheryl Brown (centre right).

Ad hominem promotees fêted

UCT honoured its 2013 *ad hominem* promotees at a dinner in stately Smuts Hall last week, an august gathering of UCT staff and joint staff attached either to research organisations or to the Western Cape Government's Health Department.

Congratulating the group, Vice-Chancellor Dr Max Price said each served as an inspiration to their students and colleagues.

"You have worked extremely hard to achieve your promotions and deserve to celebrate your success tonight, a success that reflects your enthusiasm for your field of endeavour and your commitment to the university. I also want to thank your families, who have stood by you through the sacrifices you – and they – have often made to enable you to excel as you have."

He continued: "Your efforts contribute to our reputation for academic excellence and have consistently kept UCT as Africa's top-ranked university, and one of the top one percent of universities worldwide – and a partner of choice for other world-class universities and international research funders."

The *ad hominem* promotions process is a rigorous one that assesses each candidate's performance against criteria such as teaching, supervision, research, administration and leadership contributions, as well as socially responsive activities.

Price said that the university had made significant progress in ensuring high standards in the *ad hominem* promotions process, and in creating flexibility to take of the unique contexts of different disciplines into account. ■



Prof Rochelle Le Roux



w a t e r

This edition of Monday Paper highlights National Water Week, celebrated from 18 to 24 March 2013. The theme is water as the lifeblood of our society.

New life for urban waterway



Turning the tide: A representation of the Grim Reaper warns the public of the plight of the Black River.



Dr Kevin Winter and his students paddle the Black River. Despite their protective masks, the river is returning to health. Among other birds, flamingos have returned to the waterway.

UCT commuters using the M5 will no doubt have noticed the interesting piece of urban art on the Black River, near the Raapenberg Exchange.

Though the Grim Reaper, thought to represent Charon the ferryman from Greek mythology, is no longer afloat in his boat (the piece has disappeared), the piece highlighted the state of the waterway, says UCT's Dr Kevin Winter of the Department of Environmental & Geographical Science, who says that with careful management, life can return to badly polluted urban waterways.

Ironically, the polluted Black River is already showing a return from the dead, with flamingos recently returning to the river's dark waters. "The improvement has been remarkable," says Winter.

The UCT researcher took fourth-year students to the site alongside the Grim Reaper's boat soon after it was erected and asked them to decide whether the art form was helpful to urban rivers or whether it should be cut loose.

"They made some excellent suggestions, and agreed that it should stay, and that we could use it to draw attention to the river," Winter said.

Over the past 18 months, thanks largely to improvements in the Athlone Waste Water Treatment Works and to the Kadar Asmal Project, in which teams of workers have removed tons of litter and alien weeds from the river, the water quality in the river has improved rapidly.

"Although still polluted, it is not a river of death," said Winter. "What we are seeing is the slow rebirth of a badly degraded urban river. Flocks of flamingos and other wetland bird species are choosing to roost in the river. The sight is spectacular, with birds feeding from the river bed because the water is clear and largely free of the canopy of weeds that once infested it". ■

Workshop gets

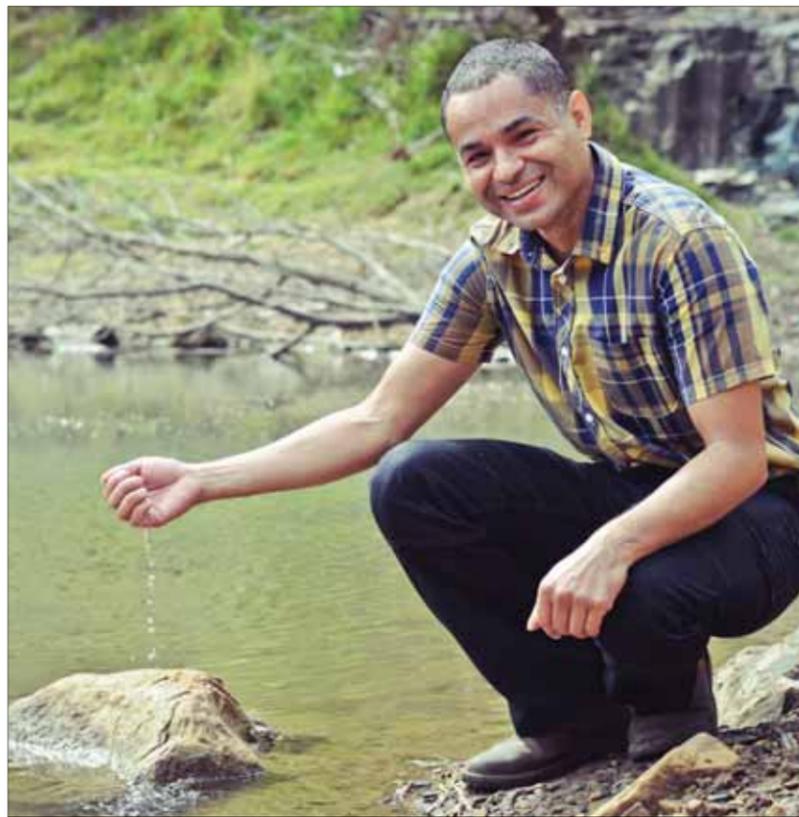
The Flooding in Cape Town under Climate Risk (FliCCR) project team, which involves a number of departments at UCT, held a successful workshop on 1 March at the River Club in Observatory.

The workshop was a platform to feed back the findings of recent research and stimulate dialogue between officials from the City of Cape Town and the Western Cape Provincial Government, and NGOs, community organisations and residents.

According to Warren Smit, researcher at the African Centre for Cities, flooding of informal settlements in Cape Town is a serious problem. Every winter thousands of households on the Cape Flats are severely affected by flooding, resulting in displacement, damage to dwellings and possessions, disruption of livelihoods and ill-health.

The FliCCR project, which started three years ago, has been exploring how to address this problem and has involved workshops and interviews with officials, non-governmental organisations (NGOs), community organisations and residents in an attempt to better understand the roles and perspectives of various actors involved in reducing flood risk or responding to flooding of the city's informal settlements. The project also stimulates dialogue between these actors, which it believes will proactively help to reduce flooding.

The FliCCR project is a collaborative research initiative, funded by the International Development Research Centre (IDRC) and Department for International



New one-stop laboratory

A new laboratory with the capacity to provide a comprehensive service to water researchers will open in the Department of Chemical Engineering in the New Engineering Building (NEB) in the near future. *Monday Paper* spoke to Professor Alison Lewis of the Crystallisation and Precipitation Research Unit.

MP: What is the name of this water laboratory/facility?

AL: It will be called H₂O(aq) and it will be in the NEB.

MP: Is it a new facility or an expanded existing facility?

AL: It is partly new and partly an extension of some of our existing work.

MP: What will it offer in terms of laboratories and facilities?

AL: We intend to offer specialist water and brine analysis, as well as research. The intention is to be able to offer a service to researchers who are investigating various water-related questions; in other words, it's not a standard water analysis lab. So, for example, a researcher looking at how different river contaminants affect the aquatic life, or a researcher investigating the effect of trace metals on water treatment processes, or the effect of water composition on concrete corrosion of bridges... the scope is large, and I believe that there are many potential projects. The idea is that analyses will lead to research projects and also to collaborations between the projects through the common theme of water.

MP: Is it a sponsored or funded facility?

AL: It is a facility that is part of the NEB. The analytical equipment and the technicians will need to be appointed and funded over time. So far, we

don't have a sponsor, we don't get one.

MP: How big is the nature of the research conducted in this laboratory?

AL: At the moment, the Crystallisation and Precipitation Research Unit members. The nature of the work conducted already includes techniques for water treatment that we need to conduct as resource recovery processes that recover by-products from work on eutectic phase changes, freezes contaminants as ice and the cost of

MP: How important is the research?

The Centre for Conflict Resolution (CCR), Cape Town, invites you and members of your organisation to a public dialogue on the book

ZIMBABWE TAKES BACK ITS LAND

by Joseph Hanlon, Jeannette Manjengwa and Teresa Smart

SPEAKERS/CO-AUTHORS

Dr Joseph Hanlon

Senior Lecturer, Development Policy and Practice, Open University, England

Dr Jeannette Manjengwa

Deputy Director, Institute for Environmental Studies, University of Zimbabwe

DISCUSSANT

Professor Sam Moyo

Executive Director, African Institute for Agrarian Studies, Harare, Zimbabwe

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wise

to 24 March, and profiles several UCT research projects and developments that have their focus.

parties talking on Flats flooding

Development (DfID), and is run through the African Centre for Cities. It involves various departments at UCT as well as the Stockholm Environment Institute.

The project team is led by principal investigator and senior lecturer Dr Gina Ziervogel, of Environmental and Geographical Science. Other members are: Warren Smit, researcher, African Centre for Cities; Joy Waddell, PhD student, Environmental and Geographical Science; Laura Drivdal, PhD student, Centre for Criminology; Kevin Musungu, former master's student, Geomatics; Julian Smit, Geomatics; and Anna Taylor, researcher, African Centre for Cities.

"The workshop was extremely successful in achieving its objective of stimulating dialogue," says Ziervogel. "Some participants were initially sceptical of attending yet another talkshop, but its interactive nature helped participants network and share knowledge. We identified a number of practical actions for reducing flood risk in Cape Town."

The key recommendations are to facilitate better collaboration between organisations (including city departments, NGOs and community organisations) and ensure greater involvement of informal settlement residents in decision-making about interventions to reduce the risk of flooding.

Over the next few months the FLICC project team will continue to support collaboration to proactively reduce the risk of flooding in informal settlements in Cape Town. ■



Finding solutions to flooding: (back l-r) Mr Kevin Musungu (Former masters student in Geomatics); Mrs Anna Taylor (Researcher, African Centre for Cities and PhD student, ENGEO); Dr Gina Ziervogel (Project Co-ordinator & Principal Investigator); Dr Michele Leone (Project Office, IDRC), (front l-r) Joy Waddell (PhD student, ENGEO); Laura Drivdal (PHD student, Centre of Criminology) & Warren Smit (Researcher, African Centre for Cities).

Effluent recycling – an energy-efficient solution

As the City of Cape Town faces a demand for water that could outstrip its supply in the near future, research by a UCT master's candidate suggests that a water-supply portfolio that maximises effluent recycling should be a preferred policy option in the quest to balance water demand and energy expenditure.

Fadiel Ahjum, a master's candidate in sustainable energy engineering, also noted that expanding Cape Town's surface water resources would result in relatively low energy consumption but lead to a more vulnerable water supply system, as a scenario of reduced dam inflows suggests.

Ahjum argued that sea water desalination would improve water security, via supply availability and reliability, at the expense of energy consumption.

Ahjum's dissertation, titled *Energy for Urban Water Services: A City of Cape Town Case Study*, used the Water Evaluation and Planning (WEAP) hydrological modelling tool to develop a model for urban water services for the city. This evaluated a representative portfolio of water-supply options that the city had previously identified for their

impact on the municipality's future energy requirements, along with the efficacy of the portfolios in reconciling demand and supply.

"The city has identified effluent recycling and (sea water) desalination in its appraisal of future water supply options, but it's hard to know how, or if, the city will implement the available options," said Ahjum. "At present the City appears to be pursuing the more cost-effective alternative of a water conservation and water demand management programme. This has the potential to delay further water supply augmentation by five to 10 years, depending on population and economic growth rates for the city."

While Cape Town is fortunate that rainwater from the mountainous regions collects and supplies 97% of the current municipal supply, the city needs a Plan B to guarantee water security during periods of drought, said Ahjum.

Ahjum, whose dissertation is currently being reviewed by the custodian responsible for the resources assessment of the Western Cape Water Supply System, noted that public perception and the required capital (recycling water to potable standards is an expensive business) were also central to dictating which routes cities took to improve provision of essential services.

"Public acceptance is an important consideration, as was recently demonstrated by the reported public outcry to such a proposal by the eThekweni Municipality, with desalination being the public preference." ■

Survey on Berg River contaminants

The accumulation of heavy metals and nutrients in estuarine systems is well known. Estuaries are dynamic hydrological systems and support a diversity of ecosystems and habitats.

However there is growing concern that estuaries in South Africa are deteriorating as a result of impacts upstream.

A current UCT study on the Berg River is designed to examine the accumulation of heavy metals in the sediments in the estuary.

Mustafa Benamer, an environmental chemist from Libya, is studying the mobility of heavy metals in the lower Berg in order to understand how salinity and pH affects the precipitation of particles in the estuary. He is being jointly supervised by Professor Graham Jackson (chemistry) and Dr Kevin Winter (Environmental and Geographical Science). ■

Survey for water researchers planned

nsor, but would welcome one. If we'll start small and grow.

s the team and what is the research that will be collaborative?

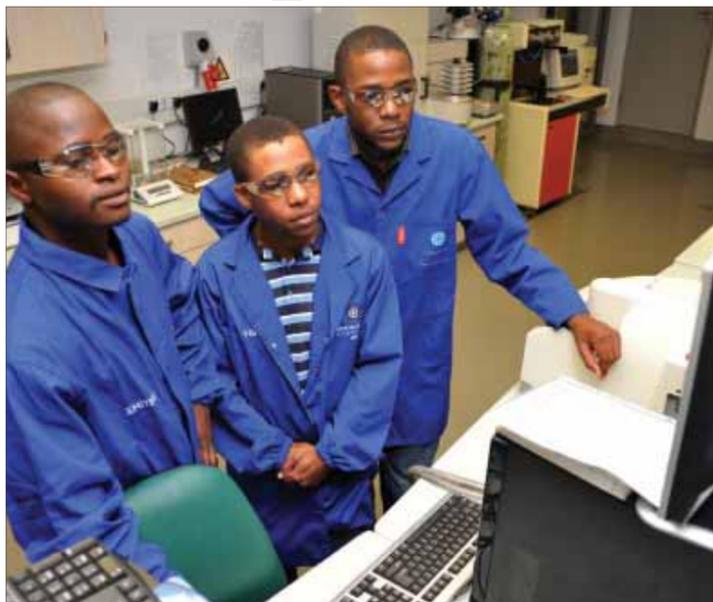
oment, the team is the Crystallisation Research Unit and its nature of the water research that we is research that focuses on novel water treatment. My philosophy is consider water and its contaminants, and we need to design process-both. We've already done extensive freeze crystallization, which treated water and recovers the water contaminants as usable salts.

ortant is this body of re-

AL: It's hard to promote the importance of one's own research when there are so many other critically important research activities and needs but yes, I do think that research into water is pretty important. Water is a finite and diminishing resource. Without it, we die.

MP: Will it feature any state-of-the-art machinery, technology or equipment?

AL: Water analysis has become much more technical. We use more state-of-the-art equipment and fewer wet chemistry techniques, although wet chemistry does still have a place. We are intending to use ICP-MS (inductively coupled plasma-mass spectroscopy) for metal analysis, HPLC (High-Performance Liquid Chromatography) for anion analysis, spectrophotometry, also for anions, Total Organic Carbon and bacterial tests; but also the basic tools, such as our old friends pH and conductivity. ■



Aqua d'UCT identifies gaps in water research

A project team of postgraduate students in Environmental and Geographical Science (ENGEO) is applying various internationally recognised tools to determine and evaluate research and development in water research, part of the Aqua d'UCT project.

Collaborating with key stakeholders across the country, they will use the project as a vehicle to identify future research needs.

"This is a research initiative that seeks to develop a shared and collaborative understanding of South Africa's water futures," said ENGEO's Dr Kevin Winter. "The first project, in its final stages of completion, has attempted to identify and prioritise water research questions for South Africa; and a second project underway is to identify and analyse the gaps in water R&D in the country.

As a result, Aqua d'UCT has become fairly well known as a brand among water sector players.

"It's an exciting initiative that is finding new ways to understand the issues and challenges facing water resources in the future," said Winter.

Aqua d'UCT was started by UCT students two years ago and was driven by Raymond Siebrits, an MSc student in ENGEO, under Winter's supervision.

"Aqueducts are viaducts or bridges built to convey water across valleys or gaps; and at UCT, the concept is being used as a metaphor to identify and analyse gaps in water research in South Africa," said Winter. "This will prioritise water research questions, and identify the investments required to meet future human resource and technological needs to enable the sustainability of water resources for South Africa."

With its strong emphasis on meta-research and collaboration and in building student expertise in futures methodologies, the Aqua d'UCT initiative looks set to take off.

A current Aqua d'UCT project, funded by the Water Research Commission, also involves scientometric analyses of peer-reviewed water research publications over the past 40 years, together with a countrywide survey of research and researchers in the water sector.

On the basis of this, researchers, practitioners, academics, and NGOs then met for a two-day consultation to prioritise a list of pressing water research questions that were identified by a diverse range of respondents.

Over 2 000 questions were generated from this survey, refined to a total of 60 during the consultative process.

(For more information, go to www.aqueduct.org.za) ■

A DAY IN THE LIFE OF STEPHANIE VAN HEERDEN, EXCHANGES OFFICER, INTERNATIONAL ACADEMIC PROGRAMMES OFFICE

MP: Describe an average day.

I meet many students and respond to their many emails every day; those who have already been on exchange and who need to bring back their reports detailing their experiences at our partner institutions. I also deal with students who are preparing to go on exchange and those who are interested in opportunities abroad.

MP: What does your job entail?

I arrange semester abroad exchanges for students and staff to UCT's partner universities in the US, Canada, Europe and Australia.

I talk to interested students and staff about the application procedure, selection criteria, available scholarships, academic concerns and faculty support needed. I also tell them about the partner universities to which they can apply.

Apart from this, I manage the rest of the process, from the application submission to convening the selection committee meetings, to helping successful students apply to the institutions allocated to them.

We also promote the Erasmus Mundus (EM) scholarships: the EMA2SA, EUROSAs and EU-SATURN scholarships. South African students and staff can apply to go to our European partners for a few months, or for a full degree where master's and PhD studies are concerned. I promote this by being involved in the EMA2SA road shows. Apart from promoting EM scholarships, I help validate these application forms for registered UCT students applying to go on EM exchange.

MP: What are the biggest challenges?

Co-ordinating all the tasks, assisting successful students to comply with the application process, and helping them submit all the required documentation for the partner institutions – on deadline!

MP: The best bits?

I enjoy seeing how the students grow through the study abroad experience – and hearing about their experiences. I also enjoy talking to prospective



Home and abroad: Stephanie van Heerden, exchanges officer, International Academic Programmes Office.

students, helping them get excited about their academic careers and what they can do to realise their dreams.

MP: Worst bits?

The worst part is seeing

students withdraw from the programme because of academic restrictions; for example, when they aren't able to get course approvals because they aren't able to find good substitutes at partner universities.

MP: Any stand-out experiences you've had?

Meeting European dignitaries, attending the International Education Association of South Africa conference, and getting to meet interesting people from all over the world. ■

In the swim: how brave Maura overcomes all odds

It is icy. Fourteen degrees Celcius, to be precise – far too cold for the average human being. But Maura Sandersoff, UCT's Properties and Services architectural technician, is no ordinary human being.

Clad only in a bathing suit, cap and goggles, and with no wetsuit to protect her from the extreme cold, she dives into the icy Atlantic ocean, starting a challenge she set for herself a year ago: to do the Robben Island Swim. On 22 February, she accomplished this rare feat in just over three hours.

The 7.5km swim is well known as one of the hardest, most extreme long-distance open-water swims in the world. But something is spurring Maura on – money raised from her swim goes to Splash, part of the Big Bay Events Swim Trust, geared to teaching water safety to disadvantaged youth.

What makes this swim even more heroic is not that she is doing it for charity, but that Maura is an amputee, having lost a leg at age 16 after contracting osteosarcoma (bone cancer).

"I swim because I can. It is a sport my disability allows me to do," she says.



Robben Island conqueror: Maura Sandersoff, UCT's Properties and Services architectural technician, does not let the fact that she is an amputee prevent her from braving the icy Atlantic.

Maura has always loved swimming, and has been doing open-water swimming for a number of years. "A turning point came when one of the swimmers I look up to offered me the physical support I needed to be able to take part in the sea swims," she says.

She applied to do the Robben Island swim a year ago, but only upped her training last October. To prepare mentally she gathered insights

from fellow swimmers. "I fed off their experiences," she says.

It took a long time for Maura to get used to the icy waters. "This time last year I was still wearing a wetsuit and used a fin. Then, slowly, I started to try the cold water with a few hypothermic moments. It took a few swims at Clifton to acclimatise."

Out there in the wild ocean, Maura didn't

come across any sea creatures, bar a few seals. However, she did encounter a big ocean tanker that came a bit too close for comfort, and she says this was pretty overwhelming. "For a while it looked so far away, and then all of a sudden you are close to it and wonder if they can see you."

Lots of things went through her mind as she swam that Friday morning, "but mostly what kept going through my mind was how privileged I was to be able to accomplish this swim."

On the sidelines away from the support boats that followed Maura, providing back-up and food, were her husband Charles and her two children, son Charles (29) and daughter Kaerin-Ann (30) (both UCT alumni).

"My husband was glad when it was over. He wanted me to promise I wouldn't do it again, but I haven't promised anything yet," says Maura with a broad smile.

In fact, she may do it sooner rather than later – but this time with her son, who is keen to accompany his mom on her next venture. But since her husband may read this, Maura is saying nothing ... ■

Vigilance



As incidents of all kinds of crime, including armed robbery, usually spike at the beginning of the year when students are back on campus, Properties and Services' CPS (Campus Protection Services) and the SAPS urge the community to be vigilant and aware both on, and off, campus.

A number of the crimes have already taken place this year took place in secluded spots, or when belongings were left unattended.

A good way to lower the risk of becoming a victim of crime, says Warrant Officer Lyndon Sisam, Sector Commander and Communications for Rondebosch SAPS, is to always exercise caution.

While the SAPS, CPS and the Grootte Schuur Improvement District (GSCID) are stepping up patrols in certain areas, and have a more visible presence on campus (including random vehicle check points), here are some ways they suggest students and staff can lower their risk:

- Do not walk along dark, secluded roads, especially late at night. Stick to main roads. Try and walk in a group.
- Use the shuttles, which run 24/7, to get to residences and upper campus.
- Talking on a cellphone distracts you from what is going on around you. Keep your cellphone out of sight when you are walking, and be conscious of your environment and what is going on around you.
- Do not walk with earphones attached to your ears. Firstly, if you are playing music you cannot hear if someone is approaching you, and it also makes you vulnerable, as an assailant will have easy access to your valuables.
- Do not walk off-campus late at night with a laptop bag, even if you don't have a laptop in it. The bags make you an inviting target for theft. Use a backpack instead.
- Never leave items unattended in common areas such as food courts and libraries, or at sporting activities, or in unattended and

unlocked res rooms.

- Record the serial numbers of all electronic devices (record them in the cloud, or in a diary).
- Report all crimes.

If you encounter a threatening situation, the following tips are important to remember:

- No material possession is worth endangering one's life for.
- If confronted by a criminal who is armed, or claims to be armed, give up your property immediately.
- Use your judgement of the particular situation and do anything to stay alive. In emergencies call CPS on 021 650 2222/3.

For more tips and information please visit <http://www.uct.ac.za/students/health/campusafety/>

* CPS is busy putting a strategy in place to prevent bicycle theft, and *Monday Paper* will report on this in the next edition. ■

EVENTS

UCT INAUGURAL LECTURES

10/04/2013 Prof Lauriston Kellaway
Human Biology Health Sciences
17/04/2013 Prof Jacqui Greenberg
IIDMM Health Sciences
24/04/2013 Prof Lee Wallis
Emergency Medicine Health Sciences
Philosophy Society Meetings Date:
Tuesday 19 March. Time: 20h00.
Speaker: Professor John Cottingham.
Title: Philosophy, Happiness and the
Meaning of Life. Venue: Lecture Theatre
3, Humanities Building

VACANT POSTS

EXECUTIVE AND ACADEMIC POSTS:

Senior Lecturer/Lecturer, College of Accounting, Faculty of Commerce, Closing date: 11 March 2013
Associate Professor: Macroeconomics, Department of Economics, Faculty of Commerce, Closing date: 15 March 2013
Senior Lecturer/Program Coordinator, Division of Emergency Medicine, Department of Surgery, Faculty of Health Sciences, Closing date: 15 March 2013
Executive Director, Development & Alumni Department, Closing date: 18 March 2013

RESEARCH, PROFESSIONAL, ADMINISTRATIVE AND SUPPORT POSTS (PASS)

Chief Technical Officer, Department of Chemical Engineering, Faculty of Engineering & The Built Environment, Closing date: 14 March 2013
Clinical/Counselling Psychologist, Student Wellness Service, Department of Student Affairs, Closing date: 15 March 2013
Technical Officer: Analytical Laboratory, Division of Clinical Pharmacology, Department of Medicine, Faculty of Health Sciences, Closing date: 15 March 2013
Part-time Respiratory Technologist, Department of Paediatrics & Child Health, Faculty of Health Sciences, Closing date: 25 March 2013
Learnership: Mechanical Engineering, Department of Mechanical Engineering, Faculty of Engineering & The Built Environment, Closing date: 28 March 2013
Assistant Finance Manager, Department of Finance, Closing date: 5 April 2013

POSTS FOR UCT STAFF ONLY: EXECUTIVE AND ACADEMIC POSTS:

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

PROPERTY/ACCOMMODATION

Family home to rent: Furnished 4 bed 4 bathroom house near UCT middle campus. Pool, double garage. Avail end March to end December 2013. R19 000 per month. Contact erma.steyn@gmail.com

Two -Bedroom Flat Yearly Let - Available 01 June: Two-roomed fully fitted apartment upstairs available in old farmhouse in R'bosch. On Jamie Shuttle route, close to shops/restaurants. Complex in a tranquil and pretty setting. Visit www.ivydeneapartments.wordpress.com No undergrads considered. Rental R10,000 all incl."

Newlands: Neat, compact and light one-bedroom flat near Newlands rugby and all transport, available at R4650 per month. Please contact John. Joska@uct.ac.za

FLATLET TO RENT: Immediate Occupation: Flatlet to rent in Thornhill Rd, Rondebosch - other side of the Common. This is a self-contained bedsitter for one person with built-in cupboards, new carpets & curtains, single bed & 2 seater couch; a shower, toilet & hand-basin; and a kitchenette supplied with a bar fridge & microwave.

Private entrance and off-street parking. It is a VERY quiet neighbourhood. 10 mins walk to Jammie Shuttle, or bike or scooter to campus. Rental (incl water & electricity) is R3500 p.m. negotiable. Non-smoker senior / post-grad preferred. Please SMS me on 0832617484 or phone Owen after hours at 0216896953

Flat to Let: Next to Kenilworth Centre, 2 bedrooms with bic, big lounge, kitchen, front garden and parking. Rent R5 500 pm. Please contact Mogamad on 082 4677699

Short-med term accommodation: Smart, spacious room in shared 2-bed sunny Observatory cottage. Ideal for visiting students/academics. Includes internet (wifi), linen & electricity etc. Close to UCT, transport, shops, bars and restaurants. See <http://tinyurl.com/obsroom>. tom.herbstein@uct.ac.za

Rosebank: Fully furnished spacious house. 2 large bedrooms and open plan lounge/ kitchen with off-street parking for one car. Suitable for visiting academics or small family. No undergrads. R10 000 p/m Avail: 1 April to 30 Nov 2013. Contact 0216855263/ 082 220 1937

Rondebosch: Ivydene Guest House offers charming shprt and long term stays in charming old farmhouse on

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Fully furnished spacious bachelor apartment--available immediately till end May--Rondebosch. Close to GSH, UCT and Red Cross. Please contact Kerrigan on 0790763913

FLAT 4 SALE - TABLEVIEW (Small Block) One bedroom, bics, fitted kitchen, garage+ parking bay Priced: R570K for quick sale Contact: Marlene x 3784 or 0822950787

Excellent accommodation available for academic staff to rent close to UCT. It would suit either a single person or a couple looking to rent between Mid-April to Dec. 2013 inclusive. Contact Professor Graham Parker 021-671-3694 or 0795603235.

Short-med term accommodation: Smart, bright and spacious room in shared 2-bed sunny Observatory cottage. Ideal for visiting students/ academics. Includes internet (wifi), linen & electricity etc. Close to UCT, transport, shops, bars and restaurants. See <http://tinyurl.com/obsroom>. tom.herbstein@uct.ac.za

For Sale: Observatory, house for 2 families or sub-division on under 800m² in best position with stunning mountain views, vines & Pond. Asking price : R3,795,000.00. Contact: 0214481554 or 0730805787

Rondebosch: Bachelor Flat in Bankside Studios Complex available to rent as from 1 April 2013. Corner of Main and Hope Road Rondebosch and less than 2 minute's walk to Tugwell Shuttle Stop on Lower Campus. Unfurnished, with stove and fridge. Parking bay available in basement and laundry facilities on site. Electricity pre-paid. Monthly rental of R4300. Contact to arrange viewing. 0791618022/ 0726279007.

FOR SALE

Book: Title: Back to work Author: Bill Clinton (ex usa president) Price: R60 new still wrapped tel: 0799090250

Book: Title: Land-Marked (Land Claims & Land Restitution in South Africa) Author: Cheryl Walker Price: R120 new still wrapped tel: ext. 4739 or 0799090250

UNO fire 1994: For Sale It has: 5 speed manual gears, Microdotting, Roadworthy Feb 2013, Service manual, Full service record Original purchase papers. only 2 owners. Interior is in very good condition, The car is ready to drive and has just had a service. Selling price R21000.00 onco. call Hugh 0823645116 hughknight99@gmail.com

For sale: Beautiful solid imbau table and 4 chairs. Table folds and is ideal for small space or flat. I can e-mail

picture to all who are interested. Bargain at R3,500 or nearest offer. Phone Dorothy on ext: 5603 or leave a message"

Computer Netbook. Proline, 1.60 Intel Atom N270, 149GB hard drive, 2GB RAM, 9-cell battery, matt-screen, 3USB, VGA, Ethernet, Windows XP, cover. R2400. Contact Elizabeth. 021-7156870.

Computer Monitor. Samsung, 18-inch, CART. Excellent condition. R900. Contact Elizabeth. 021-7156870

10 laptop cooling pads (3 fan) for sale. Cost is R150 each. If interested call Nicole on 0721276829

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GENERAL

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Book club seeking new members. Monthly meetings to discuss novels, biographies and more. This is a 'mixed' club but we are short on males! If interested please contact Tania at bookclub.capetown@gmail.com or call Ian on 0216501067

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per day at the ESSM facilities based at the Sports Science Institute of South Africa in Newlands. If you are currently feeling depressed, and would like to participate, please go to <http://www.uctstudy.co.za> and complete the online consent form and questionnaire.

Data Capturing Service: Professional Data Capturer with experience in Medical and Multi-Media fields. Competitive rates. Call Andrew on 0764900170/0216719280

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UCT Research Associateships 2013



Heads of Departments are invited to consider Master's and Doctoral students who are registered for full-time study in 2013 and who may be suitable for nomination for Research Associateships.

The Research Associateships were established to provide prestigious awards to reward excellent student researchers, who are registered for full-time study, and to recognise and support the work of the students and their supervisors.

The purpose of the Research Associateships is to align *reward* and *recognition* of the research undertaken by students and their supervisors, with the University's strategic objectives to be research-led and to be a transforming university.

Awarded on academic excellence and seniority of candidate. Preference will be given to Doctoral candidates although 2nd year Master's and Master's by Dissertation students will be considered.

Associateships values are:
Masters Research Associateship Award – R30,000
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Nomination Forms, Rank Forms and Progress Reports, where applicable, must be returned to the Postgraduate Centre & Funding Office by no later than 30 APRIL 2013.

UCT Postgraduate Research Associateships forms are available on the Postgraduate Funding website: <http://www.uct.ac.za/apply/funding/postgraduate/applications/>

Any queries should be directed to the Postgraduate Centre and Funding Office Tel: (021) 650 3040 E-mail: pgfunding@uct.ac.za

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Shape a better UCT : Student opinions wanted

While universities from the Northern Hemisphere have been conducting student-experience surveys for some time, UCT and its local counterparts are relatively new to the process explains Edwina Brooks, the director of student development in UCT's Department of Student Affairs (DSA).

Brookes and her colleagues have partnered with the University of California, Berkeley, to customise a version of the Student Experience in the Research University (SERU) International Survey for UCT's unique circumstances.

The Student Experience Survey, an online survey that closes on 15 April, aims to engage 25% of UCT students around central themes including academic engagement, student development and student goals.

In conjunction with the survey, a Student Experience Dialogue Series is being launched to stimulate conversa-



tion about topical issues. Beginning with a discussion about gender violence on campus on 6 March, every Wednesday during Meridian until 15 April will see other hotly debated issues, such as student politics on

campus; whether or not UCT is doing enough in promoting citizenship and social justice; and alcohol ab/use among UCT students.

Brookes urged students not to let the possibility of prizes – which

include iPads, HTC phones and “hundreds of flash drives” – be the main motivation for participating in the survey.

“You can make a difference for future generations,” says Brooks.

“This is part of how students can contribute to a better university.”

“The university can learn a lot about students if they tell us how they spend their time,” continues Brooks. “It will guide us as we look for areas that we need to improve.”

Students and former student leaders weighed in to cajole students to take the survey.

“Participate and shape the UCT experience of those who will come after you,” urged Saif Islam, who served as the transformation co-ordinator for the Students' Representative Council (SRC) in 2010.

“It's a chance to improve the student experience for everyone while reflecting on your own,” added Elroy Bell.

The survey is aimed at undergraduate students and can be accessed from Vula or on a dedicated website: www.uctstudentexperiencesurvey.com. ■

Great support for CANSA Shavathon

Shaving one's hair has become a global gesture of support for people suffering from cancer. On 1 March, the UCT community rallied to use this symbol to aid cancer research, promote public education about the disease and provide support for cancer patients.

For the past two years the Prince Cancer Research Laboratory, under the umbrella of the Faculty of Health Sciences, has been organising the CANSA Shavathon in association with the Cancer Association of South Africa (CANSA).



At the 2013 Shavathon, students and staff could have their hair shaved or sprayed with a rainbow of colours in exchange for a monetary donation.

“The Shavathon is an event which pays tribute to all those involved in

the fight against cancer, and helps in supporting cancer survivors,” explained Shannagh Hare, a master's student working in the Prince Cancer Research Laboratory.

A total of R7,230 was raised and donated to CANSA, but Hare says that money was not the only thing gained.

“Quite a few women also donated their hair for wigs, if it was long enough, and many people shaved their hair in memory of someone they knew who had passed away from cancer.” ■

Moagi flying high after budget-speech competition win

While South Africa digested national Finance Minister Pravin Gordhan's 2013 budget speech, Gordhan himself was changing one UCT student's life for the better.

Sizwe Moagi's world “stopped for a minute” when Gordhan announced Moagi as the winner of the 41st Nedbank and Old Mutual Budget Speech Competition on 28 February. Moagi, an honours student in actuarial science, had entered the undergraduate category of the essay competition in 2012 and was thrilled with his victory.

The annual contest challenges interested young scholars in South Africa to submit an essay that speaks to a key issue in the country's socio-economic environment. After the 2012 budget speech, undergraduates nation-wide were invited to submit an essay discussing whether or not the New Growth Path (NGP) and Industrial Policy Action Plan (IPAP), together with the national budget, supported the development of small businesses in South Africa.

Moagi's winning study maintained that these initiatives had the potential to do just that. He concluded that the NGP, IPAP and the budget “will substantially support the development of small business, and consequently aid in economic growth and job-creation”. Key reasons cited included progressive competition policy, vastly increased tax relief and increased financing opportunities.



Sizwe Moagi (winner).

He commends the 2013 budget for supporting the goals of the NGP and the National Development Plan 2030 (NDP).

“I think what is important is that [the 2013 budget] has created an economic environment where we can attract a lot of investors to boost the confidence, to keep our deficit in check,”

Moagi explains. “I think the minister has tried to keep that balance. He has created an enabling environment for business to succeed.”

“I was extremely, extremely excited,” Moagi said after Gordhan announced the winner. “It was a life-changing experience. At that moment, the world stopped for a minute. I had to try to regroup and come back to Planet Earth.”

The competition awards a tidy sum of prize money, and Moagi plans to use his share to boost his insight into the global economic system.

“I plan to take a short course overseas in economics, either at the London School of Economics or a similar institution, to broaden my understanding of economics and to see the difference between South African economics and international economics.”

Moagi wasn't the only UCT student to perform admirably at the competition. Pumeza Losi, an economics honours student, earned the title of first runner-up in the undergraduate category, while Daniel Kaliski was a second runner-up in the postgraduate category. ■

Ikeys blue after derby loss

Eighty minutes of ferocious derby-rugby on 4 March ended with FNB Maties triumphing 37-15 over the home team, FNB UCT Ikey Tigers, in the latest round of the FNB Varsity Cup.

The lopsided score makes the Maties victory seem more comfortable than the Ikeys made it. Until the final quarter, the teams slugged it out tit for tat, with possession and territory somewhat equally shared.

Maties opened the scoring in the first five minutes when hooker Neethling Gericke dropped on the line after a driving maul. Fly-half Dean Grant duly converted to give the visitors an early 8-0 lead.

Ikeys, under pressure from Maties early on, weren't helped when scrum-half and captain Liam Slatem was sin-binned for repeated infringements. Home fullback Ross Jones-Davies got the home side on the scoreboard with a penalty after the first strategy break, but Gericke repeated his trick to extend Maties' lead to 13-2.

Jones-Davies, again diligent with the boot, set up an attacking line-out for UCT from which eighth-man Bradley Bosman touched down near the corner. Jones-Davies converted from a tricky angle to send home fans into raptures.

Ikeys exploited their newfound momentum and bludgeoned the Maties



Fruitless toil: Despite battling bravely, Ikeys could not snap their winless streak against arch-rivals FNB Maties in the fifth round of the FNB Varsity Cup.

defence onto the back foot. The pressure told early in the second half when centre Liam Bax scored to give UCT a 15-13 lead. However, the lead was short-lived as Maties centre Ryan Nell went over thanks to his team gaining ground after a prolonged bout of aerial ping pong.

Grant's conversion took the score to 21-15 in the visitors' favour. Ikeys created decent openings after that setback, but a combination of ill-advised decisions with ball in hand and stubborn defending kept the Maties try-line pure.

As in recent weeks, the Ikeys fell

apart in the closing minutes. Maties flank Beyers de Villiers ignored a tiring defence to score under the poles, with Grant again adding three points.

As if the bonus-point try wasn't enough, a late intercept try from replacement Maties wing Jean-Paul Lewis ensured that Ikey fans trudged home with hearts that matched their blue body paint.

The loss leaves UCT second-from-bottom, while the unbeaten Maties consolidated their position at the top of the pile. The Ikeys next take on FNB Shimlas on 11 March at Xerox Shimla Park in Bloemfontein. ■