



Monday Monthly



Newspaper of the University of Cape Town

To read our daily news coverage or see digital versions of these stories, please visit www.uct.ac.za

Page 4 New campus movement lobbies for a generation of ‘useful men’ after chance encounter with abused woman

Page 6 UCT measures its carbon footprint and hears from ‘green chemist’ – read more about ‘green issues’ on campus

Page 8 Technology and governance – UCT alumni develop new app to bolster democracy

Life in a thousand days

New child gauge report emphasises adequate nutrition and early cognitive development to break the cycle of poverty

HELEN SWINGLER

In a dusty compound in the North West, four young children are crouched on a mat in the sun, matching basic shapes and colours on a chart under the watchful eye of a community caregiver.

It's play with purpose. And it's life-giving, according to research showcased in the just-launched *South African Child Gauge 2013*, published by UCT's Children's Institute, in partnership with the United Nations Children's Fund (UNICEF) and Ilifa Labantwana.

Children face a make-or-break period in the first 1 000 days of life, from the womb to their second birthday; a window of opportunity that can be life-giving, or destroy their chances irreparably.

This 1 000-day period will determine whether they have poor health and stunted growth, and whether they cope at school or drop out. It will shape the future of their families and communities, and at the far end of the scale, the stability and prosperity of the nation.

Adverse circumstances

According to the *Child Gauge 2013*, researchers have pinpointed this as the time of maximum plasticity for growth and development, even in the adverse circumstances of poverty that 58% of South Africa's 18.5 million children are born into.

In addition, General Household Survey data from 2011 show that 58% of children from birth to nine years live in households with an income of less than R604 per person per month.

Research by the Human Sciences Research Council has found that malnutrition stunts the growth of more than 25% of children under the age of three.

The odds are stacked against the



Let the children play: Early childhood development is essential to the country's future, says the 2013 edition of the *Child Gauge*. "Let us take care of the children, for they have a long way to go. Let us take care of the elders, for they have come a long way. Let us take care of those in between, for they are doing the work." – African Prayer. Image courtesy of Heather Mason, Ilifa Labantwana.

country's poor children. But with commitment and the right policies, there's hope, says the *Child Gauge 2013*. Based on rigorous research, it has become a thermometer for how the country's children are faring according to a broad range of indicators.

As guest speaker, Associate Professor Vivienne Taylor (head of the Department of Social Development) commented in her welcome address: "The *Child Gauge* helps us conceptualise frameworks for what really matters in children's development."

As such, it's become a vital handbook for government and civic organisations concerned with children's rights and welfare.

Essential services

This edition focuses on essential services and support for young children (primarily in the arena of

early childhood development), and illustrates how these can break the intergenerational cycle of poverty and inequality.

Speaking at the launch, hosted at the Centre for the Book, Minister of Social Development Bathabile Dlamini said the government is scaling up delivery of services in this, and allied, areas. The government is investing some R1.2 billion in a comprehensive national strategy to provide a well-resourced, co-ordinated and managed early childhood development system, in addition to support for youth-headed households and other empowerment initiatives.

She said the South African National Development Plan Vision for 2030 recognises the need to invest in early childhood development, if the country is to meet its goals and dramatically improve human

development.

In this sense, the early childhood development campaign is not an isolated endeavour but works with other development plans, specifically those outlined in the 2012-2016 Strategic Plan for Maternal, Newborn, Child and Women's Health and Nutrition, where the focus is on nutrition.

Senior researcher at the Children's Institute and the lead editor of the *Child Gauge 2013*, Lizette Berry, said the unequal society in which South Africa's children are growing up is "threatening their development and that of the country in the long term".

Support must start even earlier, said co-editor Emeritus Professor Andy Dawes (Psychology Department). Conditions for a child's development begin even before birth; mothers need adequate support from pregnancy

through the child's infancy, into their pre-school years and the foundation phase of schooling.

The *Child Gauge 2013* outlines a multi-pronged approach targeting an essential package of services and support for young children and their caregivers: nutrition, health, early-learning programmes, social services, and support for primary caregivers, who are also subject to violence, illness and social isolation. All of these affect caregivers' ability to care for children in ways that help their development.

Rural plight

Access and quality are also limiting factors to early childhood development, particularly in rural settings and communities at the periphery of urban areas, where early childhood development provisions fall short of minimum standards, Dlamini noted. Ideally, early childhood development practitioners should be trained at FET (Further Education and Training Colleges) level.

It is important to cast the net wide, drawing on a range of strategies to enhance access to services; from home visits (where practitioners visit rural families two to three times a week), playgroups and mobile units, to formal early childhood development centres, clinics and schools.

While government has specific responsibilities to support young children and families, everyone has a role to play, says Sherri le Mottee, Ilifa Labantwana programme leader.

"Early childhood development is a community initiative. It's not just the role of parents or caregivers, but of the whole community. Every person who comes into contact with young children has an opportunity to shape and support their development."

"We want children to start strong and finish strong," Berry concluded. (The publication can be accessed at www.ci.org.za)

See more on child-focused issues, page 3

Faster, Fitter, Free

Ever Better

www.scotia.co.za / info@scotia.co.za
tel: 021 686 8245 / fax: 021 685 1887
5 Rustenburg Ave, Rondebosch



NEWS IN PICTURES

1 Seed venture: Greg McFarlane (far left) and Dianna Moore (second from the right) from UCT's Graduate School of Business were part of the team competing for the \$1 million Hult Prize in New York last month. Together with Claire Reid (centre), Emily Jones (second from left) and Sean Blanckenberg (far right) they formed the Reel Gardening-GSB team that presented their plan to ensure food security worldwide to a panel that included former US president Bill Clinton. The team beat 50 other teams to win the regional round of the competition and become one of the six finalist teams. Reel Gardening produces a basic seed package, which is convenient for germination and reduces the amount of water during germination.

Picture supplied

2 Hoopla! SHAWCO's 70th anniversary culminated with a glittering reception at the Two Oceans Aquarium featuring entertainment from the Silk Workshop's Nicky and Roxanne Slaverse. Distinguished guests, staff and students were addressed by Deputy Vice-Chancellor Professor Crain Soudien, chair of the SHAWCO Board, and Faith Brown, SHAWCO director. The event drew to a close a series of celebrations that marked SHAWCO's birthday. From humble roots it grew into one of the world's largest student-run volunteer organisations, which has made an indelible impact on the health and education of communities in and around Cape Town.

Picture by Michael Hammond

3 Stairmasters: Students got to enjoy a quick trip down Jammie steps recently as part of Stimorol's "See what unfolds" advertising campaign. The Stimorolicious Slide seemingly succeeded in turning Monday into Funday for UCT students, who for their enthusiastic participation were presented with a packet or two of bubblegum. The ride down the steps was reminiscent of the days when daring students participating in the annual RAG Olympics would toboggan down the Jammie stairs on a piece of cardboard with only bales of straw there to cushion their landing. This activity was banned after some students were injured while doing this.

Picture Raymond Botha

4 Defying gravity: TUKS's Elouise Annandale keeps possession of the ball, while UCT's Fortuna Bagula is blocked mid-air during a recent Varsity Sport Netball series clash at the UCT Sports Centre. After racing to a 42-11 lead at half-time, the visiting team continued to dominate second period play, as they romped to a 68-28 victory. UCT supporters had something to cheer about at half-time when Springbok legend Chester Williams joined in the half-time shoot-out. At the time of going to press, UCT were due to play North West University at the Maties DF Malan Indoor Centre in Stellenbosch on October 20.

Picture supplied

5 Seat of power: South Africa's king of physical theatre, Andrew Buckland, has returned to the Baxter's Golden Arrow Studio with his new production, *Laugh The Buffalo*. The through-the-looking-glass plot sees the state deploy a secret agent to find the source of leaked classified information. The intrepid agent tracks down the whistle-blower to a silent retreat, but in order to protect his identity and unmask the informer, the agent has to participate in the rituals. Using Buckland's trademark physical theatre, the new show combines his characteristic – and often zany – humour to reflect on the human condition. The show ends its run on November 30.

Picture supplied

Child abuse study set to inform policy

A national study involving over 10 000 adolescents could strengthen existing child protection and care systems and make South Africa a safer place for children. The study – the first of its kind in South Africa – is a collaborative effort between the Centre for Justice and Crime Prevention and UCT's Department of Psychology and the Gender, Health & Justice Research Unit (GHJRU).

The GHJRU's director, Professor Lillian Artz, said the national incidence and prevalence study would address the gap in knowledge about child abuse and violence against children.

"Despite on-going media reports that highlight the extremely high levels of violence, particularly sexual violence, against children and young people in South Africa, there is no reliable national data that allows for a complete understanding of the problem, the contexts in which it occurs, and where resources can best be aimed," she said.

The study is funded by the UBS Optimus Foundation, which has funded similar research in Switzerland and China. The Department of Psychology's Professor Cathy Ward said the South African study would provide data on three key research areas:

- the annual incidence and lifetime prevalence rates of child sexual abuse, violence and maltreatment in South Africa;
- the relationship between child sexual abuse and other forms of maltreatment, neglect and violence; and
- the extent and nature of other forms of child abuse and violence, including physical and emotional abuse, and exposure to other forms of violence, such as peer victimisation, criminal violence, and witnessing violence.

Patrick Burton of the Centre for Justice and Crime Prevention said the data would help strengthen existing child protection and care systems.

"It will also help us identify where resources should be allocated, in order to prevent and intervene in cases of abuse and maltreatment.

"In addition, the study is designed to generate comparative data to the Chinese and Swiss studies, also allowing the situation in South Africa to be analysed in an international context," Burton added.

Over the next four months more than 6 000

adolescents will be interviewed in randomly selected households throughout South Africa, together with an additional 4 000 adolescents of the same age at randomly selected schools.

The researchers will also collect data from child protection agencies servicing these selected areas and will explore gaps in both the reporting of child abuse and maltreatment, and the services offered to child victims after cases are reported.

The study will be repeated in five years and researchers believe the findings and recommendations could result in policy revisions that improve services for all children and adolescents in South Africa.

Both Artz and Ward are members of UCT's Safety and Violence Initiative (SaVI), a university-wide research collaboration that contributes to promoting safety, reducing violence and raising awareness about these issues. ■

Fact box

- Some 58% of South Africa's 18.5 million children are born into poverty and live in households with an income less than R604 per person per month.
- The Human Sciences Research Council says malnutrition stunts the growth of more than 25% of children under the age of three.
- The government has committed R1.2 billion to early childhood development and other initiatives that support children's development.
- Antenatal care offers a critical opportunity to address risk factors and ensure a healthy pregnancy. While 90% of pregnant women attend at least one antenatal visit, only 40% access early antenatal care in the first 20 weeks of pregnancy.
- Access to early learning is on the increase: 90% of present-day five to six-year-olds attended an early childhood development centre or underwent formal schooling, and 99% of seven- to nine-year-olds attended school, but quality remains a problem. The average grade three score in the Annual National Assessments was 41% for mathematics and 52% for literacy.



Making SA safer for children: (From left) co-researchers UCT's Prof Catherine Ward and Prof Lillian Artz with executive director of Centre for Justice and Crime Prevention, Patrick Burton.

BRIEFS

» UCT study scores at world critical care conference

UCT researchers' efforts to determine the role of vitamin C in the care of septic-shock patients were rewarded when their poster presentation won the research prize from the Critical Care Society of Southern Africa, as well as the equivalent prize from the worldwide federation.

The research, presented by Dr Lauren Hill of UCT's Division of Critical Care, was deemed the most important scientific work at the 11th congress of the World Federation of Societies of Intensive and Critical Care Medicine, which took place in Durban from 28 August to 1 September.

The winning poster was scored on presentation and scientific value, and received the overall prize for best research presentation at the world congress.

» L'Oreal UNESCO fellowships for doctoral trio

PhD students Joyce Mwangama, Fiona Baine and Chika Yinka-Banjo have won prestigious L'Oreal-UNESCO For Women in Science Sub-Saharan Africa Fellowship Awards to the value of €15 000.

A member of the Centre of Excellence in Broadband Networks and Applications team in the Department of Electrical Engineering, Mwangama's research looks at the next generation of mobile networks, and future internet architectures and technologies.

Baine is in the Division of Human Genetics in the Department of Clinical Laboratory Sciences, and has a special interest in the genetic differences between various population groups and how these relate to the prevalence of Huntington's disease.

Yinka-Banjo works in the Intelligent Systems & Telecommunications Laboratory in the Department of Computer Science, where she's building a behavioural model for a multi-robot system that can be deployed in hazardous environments, such as underground tunnels in mines.

» So long, farewell

Retiring staff members were toasted by Professor Thandabantu Nhlapo, the acting Vice-Chancellor, and Professor Danie Visser, Deputy Vice-Chancellor, at the annual Retirees' Dinner held recently.

Of the 53 retirees honoured, 40 have served UCT for 10 or more years, of whom 24 staffers have served for 30 years or more. Seven retirees have served the institution for 40 years or more.

"These dinners are really very special to us. It's a pleasure for me to acknowledge all of you, and your devotion you've shown over many years to help UCT be where it is today – which is in the top 200 universities in the world, and the top one in Africa," said Nhlapo.

Addressing guests in Smuts Hall, veteran statistician Professor Tim Dunne had the audience in stitches as he bade a warm 'thank you and farewell' to UCT on behalf of the 53 stalwarts, whose combined service amounts to 1 410 years.

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

SOUTH AFRICA/ EUROPEAN UNION (EU) RELATIONS AFTER 20 YEARS

CHAIR

Ms Joanmariae Fubbs

Chairperson, Portfolio Committee on Trade and Industry, Cape Town

SPEAKERS

Ambassador Roeland van de Geer

Head of the European Union Delegation to South Africa, Tshwane

Mr Xavier Carim

Deputy Director-General, Department of Trade and Industry, Tshwane

Date: Thursday, 31 October 2013 • Time: 17h30 – 19h00

Venue: Centre for the Book, 62 Queen Victoria Street, Gardens, Cape Town

RSVP: Lavenia Benjamin • Email: public-dialogues@ccr.org.za

Tel: (021) 689-1005 • Fax: (021) 689-1003 • Website: www.ccr.org.za

All are welcome and entry is free. Kindly RSVP for seating.



Into the frying pan – with fire

HELEN SWINGLER

Aprons crisp and paring knives poised, four UCT cooks squared up across their gas plates on 8 October, in a duel for the UCT Cook of the Year sash.

Who would it be? Mina Andries of Clarendon House, University House's Ashwin Siekenaris, Antoinette Staines of Rochester House, or Fuller Hall's Patricia Jonkers?

The four had come out tops in an earlier round, in which nine of UCT's 35 cooks took up the culinary duel.

In the preliminary round the four were asked to prepare a starter, a main and a dessert off their residence's current menu cycle. But the finals gave them an opportunity to bring on the raspberry paint and the banana foam: high-street cuisine.

But it was the baby green among them who triumphed.

The judges, all top chefs, gave Siekenaris's offering the golden spoon:



Picture by Michael Hammond

Hot diggety dough: UCT's Cook of the year, Ashwin Siekenaris, gets stuck in at University House.

Italian handkerchiefs in a home-made tomato sauce; then rack of lamb on a confit of baby potatoes, with a spring salad and sautéed Brussels sprouts; followed by chocolate tart with salted caramel cream.

At 23, Siekenaris has been feeding UCT students for only three years. But

his earliest memories are of the kitchen at home.

"I was always around mom [in the kitchen]. She put a lot of passion into her food."

For Siekenaris, passion and flair are the base ingredients of good food. And food is about making people

happy, he says.

"At University House, they love chicken."

His three cooks-in-arms agreed.

"You can cook the students anything with chicken; roast chicken, chicken breast..." said Andries, who's been wielding the whisk for 15 years.

"Sometimes the students say, 'Aunty Mina, that was *mwaht!*' and I say, 'Thank you, my children.'"

With 23 years as a cook (eight months at UCT) under her apron, Staines remembers standing on a small chair to be able to watch her mother cook.

"*Jou liefde moet in daai kos wees,*" she says, wiping her work station.

Jonkers has been preparing meals at Fuller Hall for 12 years. Her advice to aspiring chefs?

"Follow the recipe, but use your spices."

Siekenaris, UCT's top cook, is happiest with a plate of home-made tripe, or any offal. He's an avid fan of cooking shows, and local hero Reuben Riffel is his inspiration.

Suppliers Fedics have an annual company-wide Chef of the Year competition; but in 2012, UCT introduced its own inter-unit Cook of the Year title, which feeds into the national Fedics event. This proved a huge success, with winning cook Susan Adams of Tugwell representing the Western Cape in Johannesburg in the Stalwart division.

No wooden spoons among this bunch... ■



Picture by Raymond Botha

Students urged to vote

YUSUF OMAR

"Vote or don't complain" was the dominant refrain from a soapbox on Jameson Plaza earlier this month.

The WhyVote2014 Soapbox event was organised by a collaboration between UCT's Students' Representative Council (SRC) and the Inkulu FreeHeid (IFH), a self-described "youth-led, non-partisan movement of ordinary South Africans".

With South Africa's 2014 general elections looming, the public forum was meant to give UCT students a platform from which to air their views about the importance of voting. Although only a few hands were raised when students were asked who was registered to vote, the views from the box painted a picture of a student body champing at the bit to make its mark – both figuratively and literally.

"If you can't be bothered to stand in a queue to register to vote, you lose your right to complain," declared Anton Taylor, to applause from the gathered students. Complaining about the government at dinner parties without taking decisive action at the polls was all too common, added Taylor, who served on the 2008/9 SRC.

Even if no political party speaks completely to your desires, you should register to vote anyway, urged the IFH's Dan Corder, reminding students that "spoiling the ballot" was as powerful a statement as making a cross next to the name of a potential ruling party.

While the finer points of participation in South Africa's democracy were not discussed, each student who took to the box agreed that engaging with the voting process was key to improving South African society. ■

AmaDODA – on a mission to establish a generation of useful men

ABIGAIL CALATA

Their vision is clear. Their purpose defined. They want to inspire a generation to become men of value – positive male role models that will lead and transform society.

"You can't just live for yourself. It's not enough to grow up and just take care of your family. There are people out there who need, and you need to go out there and help them," says Munya Tshuma, the UCT student who, together with four friends, founded AmaDODA.

The AmaDODA founders (Tshuma, Leroy Nyarhi, Dalisu Jwara, Tapuwe Mataruka and Munashe Gomwe – all commerce students) hope their movement will awaken ambition in African men through leadership and Ubuntu, among other values.

The decision to establish this vehicle for social change came after a chance encounter with a beggar in Johannesburg. Nyarhi and Jwara were approached by the woman, who told them of her abusive husband and hard life. She made them promise that they would be good men, and stewards of society. They were inspired to address the dearth of good male role models in South Africa, by being the ideal they hope to see realised, both in South Africa and on the rest of the continent.

All five founders of AmaDODA are student leaders. "Because we're leaders, we understand that from a national perspective, the quality of life that people enjoy is a function of the decisions made by the country's leaders. If you have leaders whose hearts are not with the people, they will never be able to serve the community [and move] towards



Picture by Raymond Botha

Transformers: From left, Tapuwe Mataruka, Munashe Gomwe, Dalisu Jwara, Leroy Nyarhi and Munya Tshuma, founders of AmaDODA, hope to transform South Africa and Africa by being the positive male role models they want to see in society.

success," states Nyarhi.

"AmaDODA is not a backlash to feminism," asserts Mataruka.

"There are many platforms for women to engage and talk about the issues affecting them. For men there are no such platforms; which presupposes that we have everything together, when we do not," adds Gomwe.

AmaDODA seeks to provide a platform where male issues can be aired. "We also hope to present a platform for South Africans as well as Africans (men and women) to define a man of value in this generation," explains Nyarhi.

The movement's first foray into providing a platform for African men has come in the form of a campaign on Facebook, titled 'Why I have to be successful'. Participants send in a photo of themselves plus a summary of their aspirations and dreams, which is then

posted on AmaDODA's Facebook page. Both males and females have participated in this campaign.

According to Jwara, AmaDODA have plans to speak at high schools, in prisons and at conferences to get their message across. But their movement is still in its infancy, and they are currently connecting with various like-minded organisations to expand their network.

Dr Huhle Zuma, a social psychologist at UCT, believes AmaDODA is in reaction to a "history of disrupted family life" in South Africa. "Fathers have largely been absent either physically or emotionally, which has led to a generation of young men growing up without positive male role models."

He commended the founders of AmaDODA for grappling with the challenges men are faced with today, and breaking the silence around male issues. ■

Dlamini-Zuma on pan-Africanism and the African Renaissance

YUSUF OMAR

Not only does Africa have the potential to exorcise its post-colonial demons in fewer than a handful of generations; it could also debunk the myth of the 'hopeless continent' and bankroll its own development.

This was the argument of Dr Nkosazana Dlamini-Zuma, chairperson of the African Union Commission (AUC), delivering the 14th Steve Biko Memorial Lecture on 2 October. In her lecture, titled *Pan-Africanism and the African Renaissance*, the former South African national government minister outlined how – and why – pan-Africanism could be the means to the ultimate goal of a prosperous and united African society.

The pan-Africanist movement, said Dlamini-Zuma of the AU's 2013 theme, "saw Africans and their descendants in the diaspora unite against slavery, colonialism, racial oppression and apartheid", becoming "one of the most comprehensive, ambitious and enduring philosophies and praxes,

developed and embraced by Africans and people of African descent".

"Reclaiming" African history was central to rejuvenating the fortunes of the continent, said Dlamini-Zuma. Failure to acknowledge and note this past would mean that "our story will forever be told by others".

"Decolonising our mind starts with our sense of self as Africans, a sense that is developed through our socialisation, in families, communities, schools, and – increasingly, in today's information age – in the media. We must therefore be more deliberate in the teaching and dissemination of African history, the mainstreaming of our indigenous knowledge systems, and the celebration of African culture."

Dlamini-Zuma reminded the audience of Africa's significant and oft-overlooked contribution to scientific progress. She also emphasised the need for any African renaissance to privilege the emancipation of African women from the "second-class position women occupied under different forms and expressions of patriarchy".

While the 'hopeless continent' narrative had not yet been entirely vanquished, Dlamini-Zuma is convinced that resource-rich Africa can not only prove doubters



Picture by Michael Hammond

Dr Nkosazana Dlamini-Zuma

wrong, but even finance its own development, instead of relying on the 'begging bowl'.

There was no reason for this process to take eons, either.

"Thirty years ago, China was poorer than Malawi," Dlamini-Zuma pointed out, much to the approval of the Jameson Hall attendees.

There are already positive signs. Foreign direct investment

constitutes a greater proportion of the continent's GDP than previously, for instance.

Dlamini-Zuma quoted the late Kwame Nkrumah, the first leader of an independent Ghana, who reminded Africans in 1965 that the road to a "prosperous" and "people-centred" continent would not be easy: "The task ahead is great indeed, and heavy is the

responsibility, and yet it is a noble and glorious challenge. It is a challenge which calls for the courage to dream, the courage to believe, the courage to dare, the courage to do, the courage to envision, the courage to fight, the courage to work, the courage to achieve the highest excellence and the fullest greatness of humanity. Can we ask for more in life?" ■

Jansen: Transformation in difficult places

YUSUF OMAR

After an incident in 2007 in which black cleaning staff were tricked into participating in a humiliating initiation video filmed by white students, the University of the Free State was associated with all things racist.

Today, its rector and vice-chancellor, Professor Jonathan Jansen, is a thought leader on transformation; recently, he was invited to speak at UCT.

At its core, he says, referencing top African scholar Mahmood Mamdani, transformation requires the 'rules of the game' to be changed, so that racism and all forms of bigotry – which were the prevailing discourses until relatively recently – can no longer find a foothold.

Jansen was speaking at UCT on 4 October, having been invited to discuss transformation in higher-education institutions by the Faculty of Engineering and the Built Environment's Transformation Committee.

Drawing on his experiences as the head of UFS since 2009, he described how 'nearness' – including but beyond 'physical proximity' – was helping to free that institution from the shackles of its deeply segregated history.

This 'nearness' takes a number of forms: 'mediated action', in which the physical and symbolic architecture of the university should evolve to meet contemporary demands; and



Picture by Michael Hammond

Professor Jonathan Jansen

free-flowing communication between Jansen and the students and staff, whether on social media or in his office ("I only speak to students who are passing [their courses]!").

Why would a vice-chancellor physically sit down and speak with students, though?

"It's the best way to anticipate a crisis," he says. Moreover, it fosters an unprecedented "sense where everybody feels recognised".

One path to "changing the rules of the game" is to modify the parameters for players,

opening up new spaces where they can tread new (and sometimes uncomfortable, at first) ground. For UFS students, this means a core, compulsory curriculum as one of the key strategies to "try to deal with this terrible past".

"The questions posed force the kids to confront serious, challenging questions," he says, creating the conditions for the conversation to evolve throughout their tertiary career and beyond.

Already, Jansen says, more and more students are beginning to see the world through the eyes of the 'other', with a visible allaying of the "fear of moving out of one's tribal zone".

Another initiative is the 'No Student Hungry' programme.

Not all students are fortunate enough to eat every day, says Jansen, and the 'No Student Hungry' programme combats this by providing a stipend to all students in need. What he noted from this was that students would perceive the people queuing for food as simply that: hungry people about to eat lunch, as opposed to being defined by the marker of race (a 'white female' queuing for food, or a 'black male' queuing for food).

Jansen calls it "nearness by resemblance".

What about the numbers game? The numbers are important, perhaps, in a technocratic sense, but alone they don't transform, says Jansen. Strong leadership is vital for university society, and South African society as a whole, to transform into an equitable one, in which a "deep respect for humanity is inherent", Jansen says. "At its core, leadership is about influencing people," he adds, emphasising that the process needs to be driven from the top. So, what should UCT be aiming for?

"The success of UCT depends solely on the material impact it makes on the lives of children in Kayamandi, Manenberg [and similarly marginalised communities]," such that they are afforded the same opportunities as the children born and raised in the leafier suburbs on the university's doorstep, says Jansen. ■

Grassroots project lights the way



How does your garden grow: Co-researchers Leif Petersen (left) and Andrew Reid (right) discuss the fruits of their labour with Neville van Schalkwyk, the Rasta elder who runs the Hillview Community Nursery and who was integral to the implementation of the Seawinds street garden pilot project.

ABIGAIL CALATA

A pilot street garden project near Lavender Hill that provides a best-practice model of how to sustainably harvest indigenous plants for medicinal purposes has won the UCT Plant Conservation Unit's Theo Manual Award for Conservation Education.

The open-access garden on a pavement in Seawinds – an area adjacent to Lavender Hill – contains plant species of cultural and medicinal value to the Rastafarians. The project resulted from a collaboration between a local group of Rastafarians and Sustainable Livelihoods Foundation (SLF), a grassroots NPO that helps communities take charge of their own development.

SLF co-founder and researcher, Leif Petersen, estimates that the traditional medicine trade uses nearly 130 local species and generates an annual spend of R120-million in Cape Town. His research revealed that there are more than 448 terrestrial and marine species collected within the municipal boundaries of the city for food, cut flowers, medicines and fibre.

Petersen's research collaborator, Andrew Reid – a UCT social anthropology master's student – believes that close to half of the 250 harvested plant species collected within the city limits are used in the traditional medicine trade, of which potentially three-quarters are used and traded by Rastafarians.

Reid maintains the unregulated harvesting has the potential to create conflict with conservation officials. "While the law reigns supreme on paper, the reality is that fining and arresting these individuals is not a sustainable use of limited resources. However, neither can wild harvesting continue unabated without serious ecological consequences," says Reid.

Neville Schalkwyk, a Rastafari elder and the manager of Hillview Community Nursery, has been one of the key community players in this project. "He helped determine the list of species to plant in the garden. He also grew the plants at his nursery and planted them at the roadside garden," explains Reid.

Reid reports that the community has reacted favourably to the garden. "A number of community members have expressed their aesthetic appreciation of the garden. In addition, the plants have been selectively harvested by community members for their medicinal properties." ■

How green is UCT?

UCT has reduced its greenhouse gas emissions in 2012. Yearly emissions in 2012 were lower than the international benchmark. This means that UCT's 2012 emissions were lower than the international benchmark.

ABIGAIL CALATA

UCT has certainly made strides in the area of sustainability, and has detailed this progress in two carbon footprint reports – one in 2009, and another in 2012 – to "measure, monitor and mitigate" its carbon footprint.

According to its 2012 carbon footprint report, UCT has reduced its greenhouse gas emissions by 9.7% compared to 2007 (the year covered in the 2009 carbon footprint report).

The university's total emissions in 2012 came to 76,704 tons of carbon dioxide equivalents per year (CO₂-eq/yr), compared to 84,925 tons CO₂-eq/yr in 2007. This is despite a 17.3% increase in the campus population – of both students and staff – and a correspondingly larger infrastructure, including an increased floor space.

Benchmarked against other tertiary institutions worldwide, the university's emissions are relatively low at 2.7 tons CO₂-eq per capita. UCT also compares favourably to the only other South African institution included in the benchmarking exercise – Rhodes University, which recorded emissions of 3.84 tons CO₂-eq per capita in its 2008 carbon footprint report.

Contributors to carbon emissions

Electricity accounts for 72.3% of the university's emissions, and remains the greatest contributor to UCT's carbon footprint. Electricity consumption's contribution of 68,300 tons CO₂-eq in 2007 (80% of emissions) was reduced by 12% in 2012. The greatest reduction in electricity occurred for Main Campus, which reduced by 22.3%, while the Breakwater Campus and the Health Sciences campuses reduced their electricity consumption by 10.2% and 6.5% respectively.

"This reduction in emissions is due in part to retrofitting with new energy-efficient technology," reports Sandra Rippon, an independent sustainability consultant employed by UCT's Property and Services department to compile the report.

The second-highest contributor to UCT's emissions total is staff and student transport (14%), followed by food production (7.4%). Compared to 2007, the transport emissions have reduced slightly, by 1.4%; however, the population has increased by 17% since then, so this result reflects a substantial reduction in emissions. The Jammie Shuttle's total carbon emissions in 2012 came to 1,079 tons CO₂-eq, compared to 802.8 tons CO₂-eq in 2007.

One of the ways the university is trying to wean both staff and students off their dependence on their cars is through Ridelink –

a carpooling scheme. The scheme was initiated by the Green Campus Initiative movement, but the university soon realised the project's potential and partnered with the initiative to the development of some infrastructure. (The software used for the scheme wanted to be part of a carpooling scheme to encourage people in their area to carpool. Infrastructure came in the form of parking for 60 cars. Each car must have a minimum of three people in it to qualify for preferential parking.)

In the cycling arena there are many challenges, although some road markings have been installed and bikes for use in its bicycle scheme. To date the scheme has not been launched, due to a lack of infrastructure. The implementation of the scheme has experienced delays, and more infrastructure will need to be redone. Additional parking have not been finished and bicycle stations installed.

Commitment to sustainability

A carbon footprint report is one of the ways the university hopes to reduce its emissions on campus. In 2012 UCT's emissions were lower than the international benchmark. Max Price signed the ISO 14001 certification.

Freshwater ecologist sets the gold standard

HELEN SWINGLER

It's been 10 years since a UCT freshwater ecologist has won the South African Society of Aquatic Scientists Gold Medal, awarded on "rare occasions" – this time to Emeritus Associate Professor Jenny Day (Biological Sciences).

In 2003 the awardee was Day's colleague Professor Bryan Davies, fellow co-founder of UCT's erstwhile water ecology unit, the Freshwater Research Unit.

The medal is testimony to a lifetime of exceptionally high research in the aquatic sciences and exceptionally valuable contributions to the management, conservation or development of aquatic ecosystems or resources.

It's something to be really proud of, says Day. "The fact that it's awarded by colleagues makes it more valuable. They understand and appreciate what you do."

The honour has come two years into her retirement and adds to her tally of national awards, which includes 2004's South African Women in Water Award (senior researcher category).

Day's retirement is really quasi-retirement. She's been hard at work on the province's wetlands, on a project with senior research officer Dr Heather Malan to revisit wetlands last sampled and studied 25 years ago. These stretch from Zeekoevlei, where Day's made her new home, to the Agulhas Plain in the east and the Cederberg in the west.

Much has changed in two-and-a-half decades and the pair is attempting to identify the drivers of that change – and how

(y)our campus?

over the last six years, and its total emissions last
 benchmark, but there is still more work to be done to
 UCT greener

the project was started
 initiative (GCI) student
 university administration
 sustainability
 with GCI, contributing
 software as well as
 are helps those who
 cooling scheme find
 pool with.) The
 form of preferential
 car must transport
 ble to qualify for

the university still faces
 n recently (July 2013)
 been painted and
 . UCT has bought 200
 rental initiative, called
 e project has not been
 bicycle infrastructure.
 his infrastructure has
 ad markings for bikes
 also, the sites for bike
 alised nor bike parking

Sustainability
 report is one of the ways
 promote sustainability
 Vice-Chancellor Dr
 N-GULF Sustainable

Campus Charter. It is the latest in a list of
 international and internal commitments to
 sustainability undertaken by the university. As a
 participant in the Global University Leadership
 Forum (GULF), UCT must aim to advance
 programmes like the International Sustainable
 Campus Network (ISCN), which provides a
 global forum to support leading universities
 in the exchange of best-practice models for
 achieving sustainable campus operations, as well
 as in integrating sustainability in research and
 teaching.

In the carbon footprint report, Rippon
 relates that signing the ISCN/GULF Charter
 “commits an institution to setting their own,
 concrete targets against shared charter principles,
 and reporting transparently on progress against
 those targets”.

Another strategy involves the recycling of
 waste. In 2012, 60% (892 tons) of waste was
 recycled. The university hopes to increase that to
 70%. Solid waste management has been one of
 the more successful initiatives at the university.
 It has been driven by the GCI, working in
 partnership with Properties and Services. Initially
 a four-bin system was operated, but it was
 simplified; since last year the university has been
 making use of a two-bin system.

A total of 595.1 tons of CO₂-eq for non-
 recycled waste was reported in 2009, compared
 to only 109.73 tons for 2012, a significant

reduction, of 81.5%. Rippon explains that this
 is due to “behavioural change brought about by
 the awareness-raising efforts of GCI and the
 provision of infrastructure by Properties and
 Services”.

Lastly, the university’s commitment to
 sustainability is evident through the many courses
 and research groups engaged in sustainability
 research. For example, the university’s carbon
 footprint study has become part of the
 curriculum for a third-year information systems
 course, and data for the carbon footprint report
 was gathered by these students.

Rippon says that since the first carbon
 footprint report was completed, a number
 of positive developments have occurred:
 access to data has improved; data holders have
 demonstrated greater understanding of the
 process, and been more co-operative on the
 whole; and there have been improvements in the
 monitoring of electricity consumption, via the
 use of web-based digital meters.

“Through this practice of carbon
 footprinting, UCT has shown leadership among
 higher education institutions in the South African
 and African context. The aim is to produce a
 carbon footprint report on an annual basis, with
 increasingly refined methodology and more
 accurate measurement of the total footprint, to
 measure progress on the reduction of carbon
 emissions,” Rippon concluded. ■

gold standard for going green

this has affected biodiversity in these vital aquatic lungs.
 With water a scarce resource on the continent, scholars like
 Day have a long reach into Africa.
 She is a member of the Scientific Advisory Committee
 of the Lake Victoria Research Initiative, the Inter-University
 Council for East Africa’s regional collaborative and
 multidisciplinary research programme.
 Day has just returned from Uganda, where she has
 been advising young academics on a wide range of research
 projects in the Lake Victoria basin.
 One of these concerns is the most prudent use of
 wetlands and maintaining wetland functioning in the face of
 rice growing and cattle grazing.
 But an especially intriguing enterprise she’s been
 monitoring is breeding protein-rich insects for human

consumption – *goggas* like termites, locusts and mopane
 worms.
 Between that and supervising her PhD students is a plan
 to revise the 1998 textbook, *Vanishing Waters*, co-authored
 with Davies. It’s geared to Southern African students and
 presents studies of the management and conservation of
 inland waters such as rivers, dams and wetlands.
 The Freshwater Research Unit’s closure some years back
 has been a loss to the study of freshwater ecology, and has
 left a “huge gap” in water studies at UCT, says Day.
 But she’s plugging the gap where she can. In the
 immediate future she’ll be stitching together a project to
 develop master’s-level modules for officials in the Department
 of Water Affairs, and other civil servants.
 Real retirement is for another day. ■

Today’s trash, tomorrow’s treasure



The (re)cycle of life: colour-coded bins have become a familiar sight on campus.

YUSUF OMAR

The current model of digging up key elements, using some and discarding the waste, is setting the earth on a rapid course towards running out of many of these vital natural resources, says expert green chemist Professor James Clark. Clark’s recent talk at UCT, titled *From Waste to Wealth – Using Green Chemistry*,

explored ways to optimise the earth’s natural resources in the chemical industry.
 Take the ‘new OPEC’ (Orange Peel Exploitation Company), for example. Clark and his team are attempting to convert some of the 8,069,705 tonnes per year of waste orange peels available in Brazil into bio-fuels (think sugars and liquid fuels), bio-chemicals (natural fragrance chemicals and acid catalysts) and bio-materials (used for catalysis, separations and water purification).
 This would be rather better than allowing 50% of the fruit to go to waste, which is what typically occurs.
 Green chemistry concepts need to be introduced across supply chains, said Clark. Another example of this focus on a circular life cycle for natural resources is the use of other food wastes taken from landfills to create switchable adhesives for carpet tiles, and basing future construction materials on 100% green and sustainable components.

‘Greening’ the chemical industry is not the sole domain of ‘developed’ nations, Clark noted. He recalled meeting representatives of Brazil’s chemical industry – now the fourth-largest in the world – a ‘couple of years ago’, with South Africa’s partner in BRICS enthusiastically exploring ways to grow within a more environmentally sustainable framework.
 Clark’s tour, said organiser Dr Anwar Jardine, was “quite an educational experience” for the UCT senior lecturer too, as he is “not a green chemist, but trying to be”.
 Green chemistry has gained a lot of momentum in recent years, says Jardine. “This field is something that everybody should think about; [we should] develop greener ways of doing things.” Companies such as Proctor & Gamble and Unilever are all consulting green chemists now to come up with greener strategies, Jardine noted.
 Clark was speaking at the last of a series of public lectures in October, having been invited by UCT’s Department of Chemistry in association with the British Council as part of the Africa Knowledge Transfer Project. He holds the Chair of Industrial & Applied Chemistry at the University of York and heads the Clean Technology Centre, while directing the Green Chemistry Centre of Excellence and heading the Green Chemistry Group at York University. ■

Want to consolidate democracy? There's an app for that

YUSUF OMAR

Consolidating democracy in post-colonial African states can be a long and arduous journey. During his time as a UCT student, Tinotenda Gavaza noticed that the university was not immune to communication challenges between management and "clients".

Enter Jammie Junction, a free mobile app that provides a forum for UCT students to discuss and debate events of the day with their Students' Representative Council (SRC) – all day, every day.

Launched in late September, the app – available for download on most smartphones – is designed to increase the likelihood that any SRC's submissions to university management is actually informed by a mandate from the students it is meant to represent.

"In my day [2006 to 2009], I wasn't quite sure how the SRC processes worked, or how to get my opinion across. You voted, and then what?" asked Gavaza, a UCT computer science graduate and co-founder of TWT Solutions, who developed the Jammie Junction app.

"We're trying to give the SRC brand back to the students through effective communication, because we elect the SRC leaders and they make a lot of decisions for us, but what are those decisions based on? We're trying to let the SRC know exactly what the students are thinking."

After downloading the app or registering for free on the mobi-site



(m.jammiejunction.co.za), the floor belongs to the students; there are forums for 'News', 'Complaints', 'Jammie Heat', 'Societies' and others in which the "clientele", as Gavaza describes the students, can discuss any aspect of university life in as much detail as they want.

"Companies must get to know their

clients to the fullest extent," says Gavaza, adding that Jammie Junction brings students' opinions to the SRC's – and then Senate's – doorstep.

"It's a forum where students can have intellectual discussions, and it's also a place where companies can advertise." Gavaza is not only referring to major retailers; university suppliers – such as food court vendors – are encouraged to advertise their products and services on Jammie Junction. Advertising is free for the moment.

"We have to give something back to our alma mater! We had to launch it through UCT, because these are the people that gave us the knowledge we have now."

Jammie Junction is built to last. "Any SRC can easily use it," Gavaza says. "We want it to be a tool for the students. We can have the Twitters and Facebooks of the world, but there isn't yet one open forum where students can just come and discuss whatever is happening."

Until now, of course.

Gavaza sees no reason that similar platforms can't be launched at other tertiary institutions in future, and is confident that the UCT online forum will take hold and live up to its full potential. ■



Backchat: Discuss student issues using alumnus Tinotenda Gavaza's Jammie Junction app.

UCT students show their mettle at IS Expo

ABIGAIL CALATA

It is every shopper's dream to easily locate and retrieve a shopping receipt when an appliance under warranty breaks down at the most inconvenient time.

This dream could become reality if a prototype, developed by information systems honours students and presented at UCT's 2013 IS Expo, is developed further so consumers have an online portal to which retailers' receipts are automatically sent from the point of sale.

Digital Generation, one of the teams of third-year and honours students who showcased their projects at this year's expo, aims to eradicate the need for paper receipts. The team's four honours students partnered with Makro because of its customer card system, which meant that the retailer had a customer database.

Their software not only makes paper receipts obsolete, but also gives the retailer an opportunity to customise promotions according to a customer's spending pattern, which is recorded and processed by the system.

Ishe Madzime of Digital Generation is confident that their concept could be tailored to suit other large retailers like Pick n Pay and Clicks. "We would just need data to uniquely identify each customer, and this could be obtained through loyalty schemes like Pick n Pay's Smart



Innovative systems: Shiraz Amod demonstrates the benefits of the software programme he and three fellow information systems students developed to manage and ensure employee well-being.

This dream could become reality if a prototype is developed further

Shopper card."

The premise that 'Big Brother is watching you' was taken to another level by the Fo(u)r Slaves team and

their program to manage employee well-being, while at the same time providing an innovative tool for internal communications. They

worked in tandem with Open Box Software to create the me@OpenBox system, which monitors activities and learns the routines for individuals,

teams and projects. A typical project would entail the development and maintenance of software and involve a project manager, who is required to manage the various teams working on the project. As soon as the system registers a statistically significant change in a team, project or individual, the manager is informed. "The system proactively manages issues before they become problems, but it also highlights good performance so that praise can be given where it is due," explains Shiraz Amod, one of the Fo(u)r Slaves.

Fo(u)r Slaves were rewarded for their efforts, winning the prize for the best project among the honours students.

Pharmacists will no longer have to decipher doctors' scribbles if team Warp, a group of third-years, has anything to do with it. They've developed DigiScript, which is software that enables medical practitioners to write their scripts, as well as capture patients' data electronically. It will also save the customer time at the pharmacy because instead of waiting while their details are captured by the pharmacist, all their information will be available at the push of a button.

This year, for the first time, the IS Expo was organised in collaboration with UCT's Careers Services. Expo organiser Maureen Tanner maintains that "the aim of these projects is to expose students to the rigours of developing information systems and managing projects that offer unique software solutions to real-life business problems." ■

Learning cannot just be a treadmill of classes

The value of art education is about developing a sense of the world, says Ian Rijsdijk

Given the social and economic realities of contemporary South African society, what is the value of art education, particularly in relation to film, a notoriously wasteful and expensive form of art? What 'value' do students gain from studying editing and cinematography, still-frame compositions, and the genre analysis of horror films, musicals or soap operas? What contribution to the well-being of others will our students make when they leave the university?

Recently, filmmaker Steven Soderbergh gave what is now being called the 'State of Cinema' address at the 56th San Francisco International Film Festival. In trying to come to terms with his own sense of weariness and confusion about the world of film and filmmaking, Soderbergh quotes Douglas Rushkoff's description of 'present shock': "There's no story, no narrative to explain why things are the way things are. Previously distinct causes and effects collapse into one another. There's no time between doing something and seeing the result. Instead the results begin accumulating and influencing

us before we've even completed an action. And there's so much information coming in at once from so many different sources that there's simply no way to trace the plot over time."

Soderbergh's concerns over what film means to audiences and filmmakers have been in my mind for some time now. For him, art is "inevitable", so fundamental to human society that worrying on its behalf seems hubristic. When I see the change in campus culture over the past decade, I think commodity consumption is also inevitable, or at least appears that way to many students. But I like to think that the students who pass through our courses in film and media develop as creative thinkers, and critical consumers, at the very least.

If I slow down the panic of pace and proliferation to which Soderbergh and Rushkoff allude – place the administrative meetings, consultations and online learning forums to one side – I can identify two ideas that, I believe, should inform teaching, both academic and creative: enrichment and critical engagement. While students naturally pursue better grades, I try as hard as possible to make sure that what is available to them in my classes

and courses is about more than grades. And while students pursue the 'right' answers in essays and exams, I believe that what is more important than the answers are the questions asked and students' critical engagement with those questions. I tell my first-years in their first lecture that by the end of the course – even if they don't continue to study film – they will be the smartest people in the room, not because they're cool and can make in-jokes about cult movies, but because they will have the tools to engage critically with the inundation of visual communication which they encounter every day.

Film and media studies is a relevantly young discipline at the university. The department itself is only ten years old, though courses were taught previously in several social sciences and arts departments. While some students see the courses as the foundation for a volatile career in film making, many of our students find jobs in media-related industries from PR to branding, advertising, entertainment law, political communication, and television broadcast. It is heartening to hear from employers how our students often bring both breadth and depth to their jobs because of the engagement between

their film and media courses, and the broader context of the humanities. The introductory film and television course is also very popular with engineers, who enjoy the way the focus on visual language complements their own studies.

The value, then, of teaching film and television studies is that it offers students the opportunity to make sense of the world by deconstructing the given and the assumed, and gives them a chance to represent the world through critical analysis and visual storytelling.

What of teaching itself, and the way we teach at university? I am concerned sometimes that learning has become a 'hum', a treadmill of classes and assignments, punctuated by assessment criteria and accompanied by the omnipresent demands of social media telling students about the world 'out there'. How, then, to make learning, studying, research, writing, and discussion interesting when there is little time for material that 'isn't relevant': "Will it be in the exam?", "How much does it count for?", and "Is there a sub-minimum for the exam?"

In short, I believe class should be fun, that all work is creative, that work should be the product of

curiosity, that doubt is beneficial to learning, and that 'class' – whether inside a room, or in the corridors, or outside – is the best place to try out ideas. A lecture should encourage students to find out more than I can cram into 45 minutes. A tutorial is not just a supplement to the lectures, but a space for discussion with their peers, a place to be wrong, a place to ask 'what if' or 'but what about?' ■



Rijsdijk is a recent winner of a Distinguished Teacher Award at UCT

The time for difficult conversations is now



The process of healing has been all but ignored, says

Tokologo Phetla

Runners who compete in two different races, under different circumstances, cannot be compared, or measured against the same criteria. Each one needs to be evaluated in a relative way, against appropriate and unique criteria.

I believe that as Africans of today, we find ourselves in a world that is continuously 'furnished and decorated' but in which we do not make our unique contribution because we have lost our sense of African-ness. This, in my opinion, will eventually lead to the dissolution of our heritage and sense of humanity. What will emerge in its place is a heritage and humanity defined by those who are actively involved in the 'furnishing' of this world.

This manifests in terms like 'third-world country' and 'first-world country'. Whether the pressure to do it is implicit or explicit, there is an expectation for African nations to look in the direction of northern powers and become more like them because that is the supposed metric of life in the world we live in today. In response to this, owing to a weak sense of self, Africa has agreed silently to these standards which it did not define for itself.

But it is crucial to remember that what the rest of the world is doing, and how others are living, isn't the absolute way to do things. We still must learn to take that and transform it to fit into

our culture and our mould, instead of trying to transform our culture to fit into someone else's mould of 'how it should be'.

Poverty, and other 'negatives' that are associated with our continent, are not specific to African people or the continent we inhabit. They are specific to anyone and any continent with an oppressive history.

So how do we move forward?

In our quest to embrace freedom from colonialism in Africa, I am afraid that we have neglected the most important aspect of any transformation; and that is the process of healing. In the South African context in particular, immediately following the apartheid era, different segments of society which were previously divided were expected to 'forget'.

It is my belief that avoiding dialogue based on racial lines was something that was necessary in 1994. But now, confrontation, and honest debate and engagement which tackle the real issues, are a very necessary part of the process. We need to have those conversations. Regardless of how much we try to avoid speaking about the past, and we try to 'forget' the racial fault lines, manifestations and expressions of a mind conditioned by our history still express themselves in our society.

It is clear that in the quest for our true humanity as Africans (regardless of skin colour), we need to redefine what it means to be African, and we need to give the world a more African face – as reflected by ourselves, and not the mirror of other cultures and other nations. ■

HAVE YOUR SAY

Phetla submitted his letter to the Monday Monthly after attending the Steve Biko Memorial Lecture. To have your say, write to sharifa.martin@uct.ac.za

UCT/Brown collaborate to train new cadre of HIV social scientists

HELEN SWINGLER

UCT has teamed up with US Ivy League school Brown University to develop a new cadre of HIV social scientists who can provide sustainable, interdisciplinary solutions to HIV/AIDS in South Africa, where one in six adults has HIV.

Some 6.2 million South Africans live with the disease – the world's largest HIV-positive population.

The project, named 'Partnership for the Next Generation of HIV Social Science in South Africa', will see the social sciences playing a greater role in the response to HIV. It will be run in UCT and Brown's public health schools, and will be funded by the National Institutes of Health to the tune of US\$1.9 million (over R19 million) over five years.

The co-principal investigator from the UCT side is senior researcher Dr Christopher Colvin, an anthropologist working in the Centre for Infectious Disease Epidemiology and Research (CIDER) in the School of Public Health and Family Medicine.

His work integrates social science perspectives into public health research on HIV/AIDS, gender, community health workers and health activism.

"The social science and public

health responses to HIV have both been tremendously important, and many at UCT are at the forefront of this research," said Colvin.

"However, these responses have often developed in parallel, rather than in close collaboration. This grant aims to integrate the social sciences into the core of our public health teaching and research on HIV in the School."

Brown's participation will be led by South-African-born Professor Mark Lurie, who has studied sub-Saharan Africa's HIV epidemic for more than a decade.

"The new grant is a wonderful opportunity for Brown to contribute to training the next generation of South African social scientists, whose work is aimed at better understanding and preventing HIV infection in the country with the most severe epidemic," said Lurie.

A key platform for delivering this initiative is UCT's new Division of Social and Behavioural Sciences in the School of Public Health and Family Medicine.

This new teaching division, headed by Colvin, will be supported by expertise and collaboration at UCT and Brown. Its development will also be informed by lessons learned from the recent institutional growth at Brown, in the form of its own new Division of Social and Behavioural Sciences in its School of Public Health.

The partnership will contribute to curricular development, training



Picture by Michael Hammond

Capacity-building: Dr Christopher Colvin, co-principal investigator on the new UCT/Brown University partnership on HIV and social science.

and professional development within the Division and the School, through collaborations with HIV-focused social and behavioural scientists at Brown. Outside of the classroom, it will also create opportunities for collaborative, interdisciplinary and innovative research in HIV social science, particularly at postgraduate

and postdoctoral levels.

The centrepiece of the grant is the SASH Fellows Programme for interdisciplinary HIV social science research, which will run in two cycles, one beginning in 2014 and the other in 2016.

Fellows will work on research projects in one of three targeted

areas: gender in HIV/AIDS risk and response; anti-retroviral therapy adherence and expansion; and HIV prevention for women, youth and families.

Their work will be closely monitored and supported by UCT and Brown mentors throughout the fellowship period and beyond. ■

Breast cancer: check your genes

ABIGAIL CALATA

The buzz word in breast cancer research these days is genetic profiling – how an understanding of patients' genetic predisposition could lead to more effective and personalised treatment, and the identification of genetic mutations to inform preventative measures.

In line with these developments, Horacia Naidoo, a doctoral student in UCT's Division of Human Genetics, is investigating breast cancer patients' genetic predisposition to cardiotoxicity due to chemotherapy.

"It's a harsh injustice to survive breast cancer only to succumb to heart failure," she believes.

An initial study to identify at-risk patients, and focusing on dose and pre-existing conditions such as hypertension or cardiac disease, found no accurate correlation between patients deemed high-risk and those who actually developed signs of cardiotoxicity. "This led us to investigate a genetic response to medications, since some 'low-risk' patients on low-dose anthracycline-based chemotherapy showed signs of decreased cardiac function after treatment," she explains.

An ongoing interest in the personalisation of patient treatment, as well as a family history of breast cancer, is what drives Naidoo to learn more about the disease. "I have witnessed bright, beautiful women become mere shadows



Picture by Michael Hammond

Breast Cancer Awareness Walk: The UCT community participated enthusiastically in a recent fun walk organised by the Obz Square residence to raise funds and awareness about breast cancer. The residence was able to raise R5 955.40, which was donated to two local cancer care homes.

of themselves, (which makes) this battle in fighting breast cancer a very personal one."

Naidoo has also travelled to Novartis's Oncology Laboratory in Switzerland to work on a drug discovery project for Triple Negative

Breast Cancer (TNBC). "TNBC currently has no targeted therapy, and is associated with women of African descent. It is highly aggressive and occurs at a young age, but due to it being a problem that is largely African, it has not

been recognised by pharmaceutical companies in countries with large Caucasian or Asian populations."

Angelina Jolie's double mastectomy earlier this year after testing positive for a gene mutation that put her at 50% risk of contracting breast cancer highlighted the importance of genetic profiling in preventing the disease. According to Naidoo, "The latest in breast cancer research is focused on the profiling of breast cancer tumours where aberrations at the DNA, RNA, protein and epigenetic levels are interrogated."

There are two breast clinics in Cape Town: one at Groote Schuur, and another at Tygerberg Hospital. The one at Groote Schuur runs on a Friday, on the G Floor. It used to be a walk-in clinic, but due to increased demand for services, anyone (including those on medical aid) who wants to make use of their services must have a referral letter and make an appointment.

Even with an appointment, patients must ensure they arrive at 7am at the E floor with their green ID book, their referral letter and a salary slip (no older than three months). The Groote Schuur breast clinic conducts mammograms, X-rays and biopsies. Depending on how busy the clinic is, biopsy results could be available on the same day – if not, then a week later, at the next breast clinic.

If the biopsy is positive the patient is referred to the combined breast clinic, which usually runs on a Wednesday. Specialists available at this clinic include oncologists, radiologists and surgeons, as well as plastic surgeons.

To make an appointment at the breast clinic, call 021 404 5260. ■

VACANT POSTS

EXECUTIVE AND ACADEMIC POSTS:

SARChI Chair in Clinical Neurosciences, Department of Medicine, Faculty of Health Sciences, Closing date: 21 October 2013

SARChI Chair in Lung Infection & Immunity in Poverty Related Diseases, Department of Medicine, Faculty of Health Sciences, Closing date: 21 October 2013

Director: Academic Development Programme (Associate Professor/ Professor level), CHED, Closing date: 4 November 2013

Senior Lecturer: Project Management, Department of Construction Economics & Management, Faculty of Engineering & The Built Environment, Closing date: 4 November 2013

Lecturers (x3) – Quantity Surveying, Construction Management, Property Studies, Department of Construction Economics & Management, Faculty of Engineering & The Built Environment, Closing date: 4 November 2013

Senior Lecturer/Lecturer: Vocal Studies, SA College of Music Humanities, Closing date: 5 November 2013

RESEARCH, PROFESSIONAL, ADMINISTRATIVE AND SUPPORT POSTS (PASS)

Nurse Trainer/Facilitator, UCT Lung Institute, Closing date: 01 November 2013

Small Group Facilitator, Department of Public Health & Family Medicine, Faculty of Health Sciences, Closing date: 15 November 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

Observatory: 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

Rondebosch: Ivydene Guest House offers short and medium term stays in charming old Cape farmhouse on Jamie shuttle route, close to shops and restaurants and Main road. Visit www.ivydeneguesthouse.com Email ivydene@mweb.co.za (+27216851747)

Rondebosch: granny flatlett for ONE student only semi furnished behind Riverside Mall, Rental pm R3600. No animals or children allowed Ph 082 58 13535 after 7pm Lana

NEWLANDS, Rental: Charming 2 bedroom semi-detached cottage within walking distance to UCT and amenities, fireplace, fitted kitchen, small paved yard, off-street parking, security alarm. R9000 per month. Contact Beverley 0825588693. Available 1 November.

Muizenberg: Spacious, bright, modern

house high on mountainside. Stunning 360 views. Entertainers dream. Fully furnished. 3-4 bedrooms. Outdoor spa. Direct access to mountain & walk to beach. Short-Med term. Boyes Dr, Muizenberg. See tinyurl.com/q3qjrb8. tom.herbstein@uct.ac.za

Budget holiday accommodation. University estate, self-catering double en-suite room in fully equipped, serviced house. garden, braai area, own patio, wifi. Myciti stop 100m away. 1 nov- 8 jan - nandrijevica@gmail.com

Visiting Professor looks for Accommodation: Looking for reasonably secure, furnished house/cottage for the period Jan 1st to June 30th, 2013. Two bedrooms and two bathrooms necessary, parking space also. Non-smoking couple, no pets, no small children. Please contact Professor Jørgen Elklit at: elklit@ps.au.dk

Must View: Spacious Townhouse Bridgewater Somerset West (R990 000) North facing, very private corner unit with spacious entertainment area. Separate Garage Lower Floor has an entrance hall with terracotta tiling (which continues into the bathroom and kitchen). Recently renovated bathroom with toilet, basin and shower with plumbing for a washing machine. Kitchen also recently renovated with built-in oven and hob and plumbing for a dishwasher. Ample cupboards and serving hatch into Dining area. Store cupboard under stairs leading to upper floor. Lounge and dining combined looking onto beautiful fully irrigated easily maintained garden with bricked entertainment areas with lush greenery for privacy. Upper Floor has 3 Bedrooms, 2 with mountain views and all with built in cupboards. Full bathroom recently renovated. Linen cupboard. Please email Loraine at lolly922@gmail.com

Sybrank Park: Separate entrance to rent. (Sybrank park Athlone). Kitchen, bathroom/shower,toilet,Big bedroom, parking. Close to transport, schools. R 2800-00 Please ph: cell: 0823027702, 0820592464, 021-6965596

Tableview: One Bedroom FLAT 4 SALE 42 Sq M: Tableview PLUS garage & parking bay. Close to all amenities/My Citi bus route. Price:R580k ono Phone Marlene X 3784 or 0822950787

Rondebosch/Newlands - FLAT FOR RENT AVAILABLE FROM 1 January 2013: Fully equipped spacious 2 bed flat with parking in a quiet, secure complex close to UCT. R7200 per month, to view contact 082 843 2765 or towardshealth@gmail.com

OXFORD: House in central north Oxford available to UCT academics December 2013, January 2014: suit single or couple. Fully furnished & equipped, with wi-fi, satellite TV. £750 per month (which includes utilities) or pro rata. Please contact colin.bundy@gtc.ox.ac.uk

FOR SALE

Title: Back to Work (Why We Need Smart Government For a Strong Economy) Author: BILL CLINTON (Ex American president) Selling for R100 new still wrapped Contact: ext: 4739 or 0716775061

Car for sale: I have a 318i BMW 3 series for sale. It has been in the same family its entire life and has never given any trouble. It has done 230 000km and has a good track record. Price R55,000 If anybody is interested, they can contact Wynand Wilsenach on 083 321 2692.

The car is standing at the Lifestyle Centre in Gardens.

"LAPTOP, ALMOST NEW, R2800: Samsung NP365e5c-so1U, 8 months old, currently retailing for R5000, 4GB RAM, 500MB Hard Drive. Grant came through so I no longer need it. Sarah.Chapman@uct.ac.za or ext. 2277 or 079 727 5682 "

1 Bottle of Red Heart (Gold Caribbean Spice) Rum Price: R150. Unwanted gift Tel: 0799090250

Computer Netbook. Proline, 1.60 Intel Atom N270, 149GB hard drive, 2GB RAM, 9-cell battery, matt-screen, 3USB, VGA, Ethernet, Windows XP, cover. R995. Contact Elizabeth. 021-7156870.

GENERAL

Coaching offered: free of charge for staff or graduate students. An academic is looking for clients to work with to complete her professional coach training. Can work with career, health, transitions or meaning of life issues. Confidentiality assured. For an initial conversation, e-mail dhammageha@yahoo.co.za

TRANSCRIBING: Skilful and efficient transcribing tailored to your needs. Qualitative research, focus groups, conference proceedings. Over 18 years experience: work not outsourced, confidentiality assured. webafrica.org.za 0214659904 / 0836822245

Ask the Garden Coach for advice and hands-on help with water-wise, indigenous gardens and installing an organic vegetable garden. Reasonable rates. Tel Marion on 021 689 9331 or 0825746687, www.facebook.com/Garden2Coach.

Academic Editing and Proofreading: I have experience in editing PhD and Masters dissertations (APA 6th ed), and Research articles (Journal specific formatting). Contact jacquelinegambale@telkomsa.net

Editor: A. Harold BA (Hons), MA (Wits); BA (Hons), MA (Cum Laude), HED (Unisa) Professional Editor/Sworn Translator of the High Court of South Africa Member of the Professional Editors' Group (PEG) Tel.: 0214611483/Cell.: 0724140064 Email: alby01@telkomsa.net

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

PROOFREADING AND EDITING: Your thesis, publication or dissertation edited professionally by Full Member of Professional Editors Group. Contact Philip, University Education Services at 0723406238 or pmurton@mweb.co.za

On Time Transcribers: We Transcribe your audio recording On time - Every time. English & Afrikaans. Call us today on 0766064266 or info@ontimetranscribers.co.za. We offer student rates!

Professional Editing & Proofreading: Improving language, expression, style, formatting. Postgraduate dissertations, theses, articles, etc. Very experienced and reliable. Reasonable rates. Tel: Regine at (021) 531 3330. Email: regine.lord@gmail.com

Proofreading and Editing: dissertations and academic publications. Experience in academic editing, especially the humanities and social sciences. Reasonable rates offered. Contact Judy

Tobler 0726386835 or jtobler@mweb.co.za

Need counselling/coaching but don't have time? Struggling with difficult relationships? I'm a trained, registered Christian counsellor and John Maxwell-certified coach and can help you work through painful issues and build healthy relationships. I counsel via email, which is flexible, convenient and affordable. Email Joy at onlinecounselor52@gmail.com

ALL YOUR EDITING/ PROOFREADING NEEDS: Highly experienced editor will take care of all your editing/proofreading needs. Dissertations, theses, journal articles, etc. Excellent rates and quick turnaround time. Contact David: davidgcapel@gmail.com or tel: 0726606211

Feeling depressed? We are looking for males (UCT students and staff) between the ages of 18 and 40, who are experiencing symptoms of depression, to participate in a 6-week-long study at the UCT/MRC Research Unit for Exercise Science and Sports Medicine (ESSM). This study will examine the effects of exercise on depression. Participants will be required to exercise 3 times per week for 1 hour 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.

Housesitter: Responsible lady is available to house sit your pets, house and your kids when you are away reliable, honest and good communicator very friendly person loves animals good refs please 0216502518 or 0732814908 S/ Suburbs.

On Time Transcribers: Focus Groups, Research, Interviews - We offer Student Rates. Call us for a free quote on 0766064266 or info@ontimetranscribers.co.za

HAIR TODAY, GONE TOMORROW? Ethically approved UCT Study on Hair looking for volunteers. Your chance to contribute to science! R100/volunteer. Contact Khwezi on 078 2146962/khwezi.mkentane@uct.ac.za

Young Adult Psychotherapy Group This long-term support group, run by a clinical psychologist, is an opportunity for Self-exploration, emotional support and personal growth. Interested? Contact Kim at kim@kimfoster.co.za or 0793653060

Tutors: Graduates of quantitative disciplines wanted for Numeracy Centre courses; Humanities, Health, Law and Science. Contact Nomphele on nomphele.lungisa@uct.ac.za 650 5721, closing date:

1st November 2013.

Fluent in Sotho, Tswana or Afrikaans? We are urgently looking for students who are fluent in written Sotho, Tswana or Afrikaans (ideally native speakers), and who have excellent written English, to transcribe and translate interviews. Experience with qualitative research transcribing and translating is preferable. If interested, please send an email and your CV to ben.brown@hiv-research.org.za

"House sitter: No charge accommodation in return, reliable, honest male, available from Nov/Dec holidays. Security wise supported solutions. Ref available call Phillip at 08406992793



Online Thesis Printing & Binding
thesishero.com



VILLA GARDA B&B
5 Osborne Road | Upper Mowbray
Tel: + 27 (0) 21 686 8138
Cell: 082 718 8088
E-mail: info@villagarda.co.za
Website: www.villagarda.co.za
WALKING DISTANCE UCT

Editor/ proofreader
Available for postgraduate theses, journal articles etc. Experience in academic publishing. CV/references on request. Contact Dave 0828990452 or david.buchanan@telkomsa.net

Medindi Manor Boutique Hotel.

- Free daily transfers to and from UCT
- Free wifi in all bedrooms
- Scrumptious buffet and cooked breakfast included
- UCT discounted rates

Terms and Conditions apply



4 Thicket Rd, Rosebank
Tel: 021 686 3563
Fax: 021 686 3565
Email: reservations@medindimanor.com
www.medindimanor.com



VISIT SUPA QUICK OBSERVATORY

FOR HOT DEALS ON:

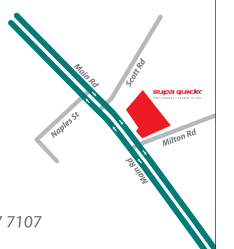
TYRES • SHOCKS • BRAKES • BATTERIES • AIR CON REGAS • MAGS • ALIGNMENT • BALANCING • CV JOINTS

* MUST PRESENT THIS ADVERT AND STUDENT / STAFF CARDS TO QUALIFY FOR THE 10% DISCOUNT.



supa quick TYRE EXPERTS | CLOSER TO YOU

SUPA QUICK OBSERVATORY
321A MAIN ROAD, OBSERVATORY TEL: 021 447 0591/0500 FAX: 021 447 7107



WHAT'S ON

» **Access Challenge & OER Hack-a-thon:** As part of the 2013 Open Access Programme organised by the OpenUCT Initiative from 21-25 October, the issue of how far one can get academically without UCT-provided access to scholarly resources is explored, before the OER Hack-a-thon looks at 'hacking' resources to turn them into Open Educational Resources. **When:** 23 October; 10h00 – 14h00. **Where:** Molly Blackburn Hall.

» **GSB Distinguished Speakers Programme with Di Seccombe:** **When:** 24 October 2013 at 17h00 for 17h30. **Where:** GSB Exhibition Hall.

» **SaVI Conference – Understanding & Preventing Violence in Africa:** This colloquium offers an opportunity to academics and researchers working on violence and violence prevention in Africa to present their current research on these topics. Practitioners are also encouraged to make presentations on such interventions. Submit colloquium papers by 28 October 2013. Contact Lameez Mota (lameez.mota@uct.ac.za). **When:** 1-2 November. **Where:** Premier Hotel Cape Manor, Sea Point, Cape Town.

» **Seminar – The Wicked Challenge of Sustaining South Africa's Water Security:** Professor Mike Muller, former director-general of the Department of Water Affairs, considers some of the less obvious but more significant difficulties that confront water managers and the SA community, and what is needed to address these difficulties. Organised by the South African Academy of Engineering. **When:** 7 November, 17h30 – 18h30. **Where:** Seminar Room, Chemical Engineering Building, UCT.

» **The Laura Searle prize for concerto playing (final round):** 10th edition of the Laura Searle Prize for Concerto Playing. Open to all piano students at the SACM, & part of the prize is to perform with the UCT Symphony Orchestra in 2014. Prices: R55 / UCT Staff: R50. Senior citizens & students: R40 / Learners: R30. Book at Computicket or at the door. **When:** 12 November at 20h15. **Where:** Baxter Concert Hall.

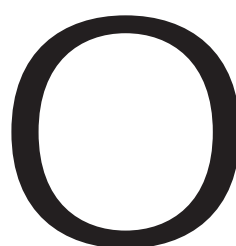


Picture by Raymond Botha

UCT held its annual Sports Awards dinner at the Kelvin Grove Club on 11 October. Star squash player Alexandra Fuller, here holding the coveted Jamison Cup, walked away with UCT's Sportsman of the Year Award.

All-rounder scoops top award

YUSUF OMAR



Sportsperson of the Year: how does this über-athlete manage to pass?

Fuller is (take a deep breath) ranked seventh in South African squash and 101st in the world (moving up 85 places in nine months), was part of the Western Province team that won the provincial tournament, and was the runner-up at the SA National Championship in August, all while playing first-team hockey for UCT in the indoor and outdoor provincial leagues and in the FNB Varsity Cup hockey tournament – and still had time and energy for athletics.

If that's not impressive enough, Fuller outflanked three fellow nominees of the highest pedigree to claim her prize at the annual UCT Sports Awards on 11 October.

Nicholas Groom, the Western Province and Stormers scrumhalf; Tyron Stroberg, a member of the South

one question was on this reporter's mind as Alexandra Fuller – top-ranked squash player, first-team UCT hockey player, and Athletics Club member – beamingly accepted the 2013 Jamison Cup, awarded to UCT's

African senior waterski team; and Ayrton Sweeney, a medal-hoarding member of the South Africa swimming team were the runners-up, each having excelled at their games.

The Sports Awards were held at Kelvin Grove and not at the Cape Sun, for the first time "since 1652", quipped master of ceremonies Mike Wills. It was not the only first on the night, as the inaugural Coach of the Year trophy went to Rowing Club stalwart Brendan Gliddon.

The person credited with motivating for a Coach of the Year award, Kyle Hanck – also a rower – picked up the Turpin Cup for Service to UCT Sport. Hanck is a member of UCT's Student Sports Union (SSU), and an executive committee member of USSA Rowing.

When rowing captain Sarah Bishop then came up to collect the Transformation trophy, it appeared the Rowing Club was threatening to dominate as they did in 2012; but the Underwater Club nipped in to claim the Club of the Year title.

Netballer Fortuna Bagula was named Best First-Year, while the water polo men's first team won the Landstem Trophy for Performance of the Year (and if there'd been a trophy for heartiest celebration, they would have won that, too).

But the rowers were not finished yet: the women's first VIII was crowned Team of the Year, after cementing their spot at the top of SA's university-rowing pile. ■

MONDAY MONTHLY

Editor:

Tanya Farber

Acting production editor:

Chris Mitchell

Designer:

Zwelibanzi Damba

General info:

021 650 5816

Subscriptions,

advertising, deliveries:
Ads-MondayPaper@uct.ac.za

Freelance proofreader:

Dave Buchanan

News leads:

newsdesk@uct.ac.za



ICTS Training

ICTS offers a variety of training courses ranging from Microsoft products to Web publishing and PhotoShop



ACCESS



EXCEL



WORD



POWERPOINT



OUTLOOK



PROJECT



WEB SEARCH



SOCIAL MEDIA



PHOTOSHOP



ACROBAT



WORDPRESS

ICTS's professional and qualified trainers provide relevant, practical computer training courses to UCT staff and postgraduate students. Our reasonably priced training courses include course notes and exercise files. The ICTS Training venue is situated in Room 102.1, Level 1, in the Wilfred and Jules Kramer Law building, Middle Campus.

Courses available in Oct 2013



Word 2010

• **Intermediate:** 15 - 18 Oct (am)



Acrobat X Pro

• **Forms:** 17 - 18 Oct (pm)



Excel 2010

• **Tips & Tricks:** 21 Oct (full day)
• **Basic:** 22 - 25 Oct (pm)



PowerPoint 2010

• **Basic:** 23 - 25 Oct (am)

Courses available in Nov 2013



Excel 2010

• **Intermediate:** 5 - 8 Nov (am)
• **Advanced:** 19 - 22 Nov (pm)



Access 2010

• **Intermediate:** 11 - 15 Nov (pm)



Mailing lists explained

• **Introduction:** 19 Nov (am)



Word 2010

• **Basic:** 26 - 29 Nov (am)

We offer

Instructor-led courses

- practical, hands-on sessions
- 20 people per class
- nominal course fee for staff and students

On-site seminars

- practical demonstrations and discussions
- aimed at larger interest groups
- held at your venue on campus

Customised training courses

- address specific training needs of department
- flat rate regardless of size of group

Training needs analysis

- identify end-user skills gaps
- suggest training path
- facilitate training

Self-training resources



lynda.com

An online training library with over 2100 courses, giving you the freedom to improve your current skill set and gain new skills.

- * *Unlimited access to a wide variety of courses*
- * *Anytime, anywhere learning*
- * *High quality training with up-to-date content*

Get started in 4 easy steps:

1. Visit <http://lynda.uct.ac.za>.
2. Click the **Create a profile** button.
3. Fill in your details, using your UCT email address as your username.
4. Click **Log in**.

Access Lynda.com off-campus via Ezproxy (<https://ezproxy.uct.ac.za>)