By Lindy Brophy

It was the Crawley campus like nobody had ever seen it before.

LUMINOUSnight, the magnificent and spectacular launch of UWA’s Centenary, showed off the best of the most beautiful campus in Australia, attracting what some estimated as 50,000 people.

The evening, on 8 February, could have been renamed PERFECTnight:

- with the inspirational LUMINOUShall projection on Winthrop Hall,
- entertainment to suit every taste,
- thousands of families enjoying the spectacle and the atmosphere all set against a glorious summer night.

The hundreds of staff who worked hard to bring the festival together and ensure it ran smoothly on the night felt proud to welcome to their workplace the visitors who experienced a new aspect of the campus: one of pure joy.

Even people queuing for 20 minutes for tickets or food seemed happy to soak up the atmosphere with live music, giant puppets and light projections to keep them entertained.

Every session of LUMINOUSnight was sold out, with people cramming the ring road and even Stirling Highway to get a glimpse of what will surely remain the year’s most unique visual art experience.

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Clint Walker, Director of Facilities Management, said that during one of the later shows, there were about 3,000 people on the median strip and lining Stirling Highway to see the projection on Winthrop Hall. “That was double the number of people with tickets in Whitfeld Court,” he said.

Every performance was packed but some visitors were content just to set up their chairs and picnic rugs on Riley Oval and watch the passing parade, including children who quickly created games using the giant peacock painted on the grass.

The idea of using light as the theme of the evening came from Ted Snell, Director of the Cultural Precinct. But back in 2006, when staff were asked for their ideas on celebrating the Centenary, Graeme Rymill from Information Services had suggested a “son et lumiere” with fireworks to be launched from the iconic buildings.

Ted was unaware of Graeme’s suggestion but they agreed that a great idea can have many parents.

LUMINOUSnight gave way to the Alumni Weekend, during which more than 1,000 alumni revelled in returning to their alma mater. They enjoyed a feast of presentations and entertainment and it was a joy to see old friends meeting again, whether it was a few years or a few decades since they had last been together.

The stories that flowed would fill a book.

One visitor from Sydney, 73-year-old Margaret Pinchback revealed that, as a young graduate with a new baby, she attended Economics lectures for her husband, who was forced to work full-time to support his family, while trying to complete his degree.

“He just couldn’t get to the lectures, so I went for him, taking the baby in the bassinet,” Mrs Pinchback said. “I took very good notes and would discuss them with him that night. He sat the exam at the end of the year and passed!”

Shaun Tan’s sundial, Jenny Gregory’s Centenary history, the Centenary CD, Centenary Poem and Centenary plant were all launched, along with hundreds of rekindled friendships and a renewed interest in the research at UWA.

It was a shining start to a special year.
Happy volunteers: (back row) Helen Whitbread, Ian Sanderson, Tony Goh; (middle row) Milly Ingate, Louise Cox, Rani Varathan, Joe Coletti; (front row) Wayne Griffiths, James Morgan, Marjan van Gulik (Absent: Justine Brosnan and Gillian Trahorsch)

Hundreds of staff worked voluntarily during LUMINOUSnight and the Alumni Weekend.

One group, co-ordinated by Marjan Van Gulik from Finance and Resources, epitomised the camaraderie, the hard work and the pride in their University that was evident all over the campus.

Marjan and her team of 10 staffed the information and ticket booths on Riley Oval on the Friday night.

The volunteers came from all over the university: the International Centre, the Graduate Research School, Information Services, Planning, Student Exchange and the School of Physics.

“I spent a few years in University Theatres at the Octagon Theatre,” Marjan said, “and I have never come across a better ticketing team than this group. I could not have trained a bunch of people to do a better job.

“We all worked for five solid hours. Nobody had a toilet break or a drink of water and none of us used our meal vouchers. But, hour after hour, they kept smiling. Nobody lost their patience.”

Team member James Morgan laughed at the memory of a man who had patiently waited in the queue for LUMINOUShall, and when he arrived at the booth asked: “What’s this about?”

Joe Coletti said for hours the queue stretched from next to the University Club to the Dolphin Theatre, with people wanting tickets for LUMINOUShall.

“Once we sold out a couple of the shows, we would take turns to walk down the queue and tell that to the people who were waiting,” he said. “Most of them were fine, but there were a few irate and irrational people.

Joe and others in the team thought there were probably closer to 50,000 or 60,000 people on campus that night, rather than the estimated 35,000 or 40,000.

Marjan treated her team to coffee and cake at the University Club the week after, to thank them for their contribution.
The enthusiasm which marked the launch of the University’s Centenary year – with the fabulous LUMINOUSnight and Alumni Weekend – augurs well for our next 100 years.

A crowd estimated at more than 35,000 flocked to our campus on Friday 8 February where they were treated to one of the most spectacular events in Western Australia’s cultural calendar.

The highlight of LUMINOUSnight was the light and sound projection on to Winthrop Hall which, over 20 amazing minutes, illustrated the University’s proud history, with many of the campus birds – including peacocks and crows – claiming starring roles.

I urge those of you who were unable to see LUMINOUSnight live to watch it online: www.centenary.uwa.edu.au/video#LUMINOUSnight

LUMINOUSnight was the University’s gift to the whole community and it was gratifying to see so many members of the community enjoying it on one of Perth’s idyllic summer evenings.

Over the weekend, alumni were treated to lectures and discussions not only about the achievements of the past century – achievements which nurtured the development of Western Australia from its earliest years – but also about where the University’s future endeavours will lead.

I would like to personally thank the many staff and students who volunteered for LUMINOUSnight and the Alumni Weekend. Your generosity and enthusiasm for our University help make UWA the great institution it is – and will continue to be.

Our challenge is to capture the goodwill and optimism of that weekend and channel it into a successful second century.

In our determination to be counted among the world’s Top 50 universities by 2050, we are promoting discussion and debate across campus about setting new goals which will ensure that the University remains vital, relevant and valued in the changing circumstances of the 21st century.

Over the next few months, we will continue to discuss UWA’s future direction and how it will adapt to the key challenges and influences facing our University.

As one of more than 10,000 universities in the world, we need to embrace global trends and turn them to our advantage. We need to find ways in which we can build on our current strengths and position the University for future success.

**Paul Johnson**
Vice-Chancellor

Centenary hero

Returning from Canberra as the freshly-minted Young Australian of the Year, Akram Azimi set off for the south-west with the Governor, Malcolm McCusker, to advocate for a culture of giving in primary schools.

Visiting more than a dozen organisations a day, this tour was a telling reflection of a young man who came to Perth from war-torn Afghanistan as a refugee and now represents the best of Australia’s youth.

With the help of a $20,000 grant from UWA, Akram is finishing off a triple major at UWA (Arts, Science and Law), which he colourfully describes as a series of romances: “Human Biology (his Science major) was the fiery love affair that came out of nowhere; Law was the arranged marriage that made so much sense, yet left me emotionally wanting; and Anthropology (his Arts major) was the mature relationship that I chose, that fulfils me both intellectually and emotionally”.

He also has a special love for UWA and will spend a lot of time on campus this year as the base for his campaigns.

One of these campaigns is The End of Polio, which is led by fellow UWA law student (and now graduate) Michael Sheldrick, who convinced world leaders at CHOGM to commit $118 million to eradicating polio.

While studying full-time at UWA, Akram has mentored Indigenous students in the Kimberley, rural teenagers in the wheatbelt and Special Olympics athletes. He also co-founded an organisation, I am the Other, which aims to inspire a new generation of university students who are alive to the culture, aspirations and perspectives of Indigenous Australians.

Akram’s plans include the possibility of a PhD in Anthropology.
A fermented cabbage dish and a crazy dance video have elevated Korean culture to dizzying heights of popularity.

A year ago, not many people in Perth had eaten kimchi and nobody outside Korea knew what Gangnam Style was.

Now they are the flavour of the year – and big enrolments in UWA’s new elective in Korean language and culture reflect the trend.

The new Associate Professor in Korean Studies, Jo Elfving-Hwang, is as interesting as her name suggests. Brought up in Finland but a long-term resident in the UK, she started reading about Korea when she had a Korean housemate while living in Wales. She found the language and the culture fascinating, then met her Welsh-Korean husband in Swansea.

A PhD in Korean literature led to her teaching Korean literature and society at the University of Sheffield and a position as Director of Korean Studies at the University of Frankfurt.

Her position is mostly funded by the Korea Foundation, a government-backed cultural organisation that sponsors Korea-related academic and cultural activities in foreign countries. A/Professor Elfving-Hwang has joined Associate Professor Kyu-Suk Shin, who set up Korean Studies in the Arts Faculty in 2011 and who is one of the most established and respected Korean language educators in Australia.

“Many of the students enrolled for the Korean Studies elective are science students,” A/Professor Elfving-Hwang said. “Learning a language requires a surprisingly similar skillset to that needed to study science. And it is so beneficial to both science and humanities students for their communication skills.

A/Professor Elfving-Hwang has joined Associate Professor Kyu-Suk Shin, who set up Korean Studies in the Arts Faculty in 2011 and who is one of the most established and respected Korean language educators in Australia.

“When we say Korea, it is always assumed that we mean South Korea,” she said. “But the situation in North Korea certainly makes Korean Studies such an interesting field.”

Korea was ‘annexed’ by Japan from 1910 until 1945, when the Allies declared victory in the Pacific War. “The Korean peninsula was decimated by the civil war in 1950-53, which left the country divided. Both the South and North were completely war-ravaged and poverty-stricken. Most of the people in South Korea had to flee their homes at some point, and many lost everything they had.

“To go from complete destruction to being one of the world’s biggest economies in that short time is amazing. Giving students the opportunity to study and understand what got the Korean people through the 20th century makes Korean Studies equally intriguing.”

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But for those with a sense of humour who just want a little taste of Korean culture, A/Professor Elfving-Hwang recommends finding on YouTube the next big musical hit, a Korean Air Force spoof on *Les Miserables*!
Ask most people in the street and they would say that crime has increased over the past 30 years.

“But it’s actually not true,” said Dr Hilde Tubex, ARC Future Fellow in the Crime Research Centre. “Criminality is not going up, but imprisonment is, and we hear more about it in the media, so we assume that crime must be rife.”

She says it is not just the media that are influencing the public opinion. “Crime and punishment have also become popular electoral topics for politicians, and they are trying to win votes with a law and order discourse: being tough on crime.”

Dr Tubex recently organised a four-day workshop/conference for national and international experts in comparative criminology and penology (the study of the punishment of crime and prison management). This was made possible by a grant awarded by the Vice-Chancellor in 2011. The workshop was held on Rottnest Island, having a special penal heritage as it was used as an Aboriginal prison for the first few decades of the Swan River colony.

“Working and living in close proximity on Rottnest made for a very dynamic exchange,” Dr Tubex said.

Colleagues from Canada, the US, Belgium, the UK, New Zealand and Australia swapped their experiences and views on what affects the size and composition of prison populations.

The problem, from these researchers’ perspective, is increasing rates of imprisonment, especially among Indigenous populations. Dr Tubex’s Future Fellowship project on reducing imprisonment rates in Australia focuses on the differences between Australian jurisdictions and the overrepresentation of Indigenous people in prison.

“The situation is worryingly similar in Canada, where the imprisonment rates are also highest in the provinces with a large Indigenous population,” she said. “When Professor Anthony Doob from the University of Toronto was talking about Indigenous imprisonment there, he could have been talking about Australia.”

The workshop was followed by a one-day conference at Notre Dame University in Fremantle, open to government agencies, practitioners and university students.

“The field of comparative criminology is relatively young,” Dr Tubex said. “It started in the 1980s when prison populations began to increase in most industrialised countries and criminologists were wondering what was happening. Answers are being sought in legislation, prosecution, sentencing and release policies.

“But there are also broader societal characteristics that have an impact, such as demographic and socio-economic factors, the difference between a strong neo-liberal or a more welfare-oriented state model, political systems and their relationship with media and public opinion. The deeper we look into the problem, the more complex it becomes.

“But the most important lesson we learned from this gathering is that mass imprisonment is not an inevitable doom scenario. The experts provided us with alternative ways that worked for Canada, for Scandinavia and for European countries. Even in the US there are catalysts of a possible reform, and all these examples gave us ideas for strategies to reduce imprisonment in Australia.”

The group plans to submit a proposal for a special issue of a prestigious journal of criminology to publish the outcomes of their workshop.
The newest visual techniques are being used to record the oldest images in Australia.

Rock art experts from UWA recently teamed up with researchers from the University of Southampton and the traditional owners to document rock art in the Kimberley, using digital technology.

The University of Southampton’s Archaeological Computing Research Group is a world leader in digital technologies in archaeology. A UWA Research Collaboration Grant was awarded to Associate Professor Martin Porr from the UWA Centre for Rock Art Studies and Management, Southampton’s Dr Graeme Earle and the Wunambal Gaambera Aboriginal Corporation to test the technologies which are all non-intrusive and non-destructive.

“The project is a pilot study to estimate the viability and applicability of advanced digital recording and analysis technologies,” Professor Porr said.

If it is considered viable, it could provide answers to the problems of some rock-art being inaccessible to tourists, either geographically or culturally, and the challenge of preserving art that is deteriorating.

“During our fieldwork in July, we confirmed that some of the culturally most important art already is under threat from irresponsible tourist behavior and other environmental impacts,” he said.

“A long-term goal of this pilot project is the establishment of collaborative relationships for the development of procedures, records and tools that enable traditional owners to engage with rock art in new ways and at the same time staying in control of the level of access that is given to different interested parties, including members of the community and tourists.”

The technologies tested were: super high resolution digital photography, where images were taken with a robotic camera-controller, which automatically stitches images into a seamless panorama; Reflectance Transformation Imaging (RTI), a system which enhances object surface properties, making ephemeral, difficult-to-photograph features visible; and photogrammetry, a technique which enables the generation of 3D geometry data from digital images.

“The results are now being analysed and their viability assessed in relation to rock-art research, management and communication, together with Wunambal Gaambera Traditional Owners,” Professor Porr said.

“The latest fieldwork took place in a very friendly and constructive atmosphere of a mutual exchange of knowledge. Researchers were able to explain and discuss their recording technologies and aims and also received healthy lessons in bush knowledge and Indigenous histories.”
In the first week of semester, Denise Jackson was behind the front counter of the International Student Office, dealing with inquiries from dozens of confused students with calm efficiency.

Little did the students know it was her first week too.

Denise is a leading character in a success story; one that started last July and is on track for a happy ending. She is one of four newly-employed Indigenous people at UWA, who have been engaged through the Indigenous Employment Strategy – or Indigenous Jobs, as Indigenous Employment Officer Mia Kriznic likes to call it.

“There are actually six new Indigenous employees, but four have got their jobs directly through this strategy,” Mia said.

“I’m really pleased that the Registrar’s Office and the Faculty of Medicine, Dentistry and Health Sciences are leading the way. There are more appointments that will be confirmed in the next few weeks.

“The way I work is that I want faculties and centres to come to me before they advertise their positions through traditional channels. I have my own recruitment system, with a lot of enthusiastic Indigenous people registered with me, who are keen to work at UWA.}

“I match them with vacancies that have been supplied to me and, so far, we have a success rate of four out of four.”

Denise, a Yarnatji woman, who has worked in career development, is keen to study psychology so she can make for herself a creative and satisfying career. She is enjoying her work in the International Centre and learning a lot.

“I like being around people who are growing, so the University is a great place to be. I have been made extremely welcome. My colleagues are very friendly and helpful and I can see that this is a place full of opportunity,” she said.

Clara Morrison is on secondment from the Department of Indigenous Affairs to Records Management Services.

The Senior Records Management Officer is learning new procedures and is delighted with the non-hierarchical structure at UWA. “You can talk to the bosses and everybody relates to each other and is helpful and friendly. It’s a great work environment.”

Clara, a Torres Strait Islander, spends most of her time on data entry, putting the student records onto TRIM and working at the TRIM help desk.

“At the moment, Clara’s job is a 12-month secondment, but you never know what might evolve,” Mia said. “Clara was a foot in the door for me for Aboriginal people when she started late last year.”

Allira Clinch is very happy working as a purchasing assistant on the QEII site in the School of Pathology and Laboratory Medicine.

But she didn’t want to take time off to join her colleagues for a photo session on the Crawley campus. “I’m so busy with orders, I don’t want to get behind,” she said. Allira (a 22-year-old Noongar) was ordering concrete supplies in her last job, and is now ordering laboratory supplies, which she finds much more interesting.

“Everyone here is lovely and extremely helpful,” she said. “There is a big difference between here and where I was before. The working conditions are so much better, the work load is better, the people are much nicer and my two lovely managers, Susan Piper (senior administrative officer) and Brett Tizard (School Manager) are very easy to approach and understanding.

“I love the fact that everyone here is the same and there are plenty of opportunities.”

Mia’s aim is to build on the fantastic efforts of the existing Indigenous staff, grow Indigenous job opportunities and make UWA an employer of choice for the Aboriginal community.

If you have a position vacant, contact her at mia.kriznic@uwa.edu.au
New DVC a big fan of initiative

Innovate”, “lead”, challenge” and “beyond”…

These are the words that pepper the conversation of the University’s new Deputy Vice-Chancellor (Education), Alec Cameron.

A Rhodes Scholar with a background of leadership and research in both the university and corporate sectors, Professor Cameron brings his enthusiasm and expertise to UWA’s academic programs, teaching and learning policies, student recruitment and relationships with education partners.

“I am impressed with what UWA is doing as an innovator and a leader, particularly with New Courses,” he said. “It’s a new model for Australian education, even though it has some similarities with the University of Melbourne model. Employers are increasingly saying they want graduates who are more rounded and this is what New Courses is about.”

Professor Cameron said having been involved in management and recruitment in the corporate sector had given him an understanding of what employers were looking for. “It’s really helpful for universities to understand this,” he said.

After Bachelor’s degrees in science and electrical engineering, a Doctorate in robotics from Oxford University, and a Masters in management of technology from Polytechnic University, New York, Professor Cameron worked in research development for the Dutch company Philips Electronics in New York for four years.

Returning to the education sector, he headed the University of Sydney and University of Technology Sydney’s joint advanced engineering centre, before working with telecommunications and information technology companies in research laboratories and senior leadership roles.

For the past six years, he was Dean of the Australian School of Business at the University of New South Wales and was recently president of the Australian Business Deans’ Council.

“I see UWA as a leader and an innovator, recognised and respected for the quality of its education and research but also setting the agenda,” Professor Cameron said.

“I like New Courses but what I like even more is that UWA had the initiative to bring it forward.”

He was told of a first year science major student who complained at the end of last year that he had found his broadening unit, a European language, so difficult and had spent so much time on it, that his expected high distinctions in his science subjects had not eventuated.

Instead of sympathising with the student, Professor Cameron was pleased.

“That’s exactly what New Courses is for: challenging yourself,” he said. “The different ways of thinking (for a science student) that are needed to learn a language is one of the reasons for the broadening units. And the reason for studying here is not to just do what you are good at and find easy but for students to develop themselves.”

He said there was a concern that putting lectures online doesn’t give student a reason to come onto the campus.

“But the students who minimise their time on campus will miss out. In the past, we saw the lecture as the most important aspect of a university education. But now it is just one input into a socially interactive education.

“We need to build a rich education environment around the lecture. It challenges us to say what’s beyond the lecture. “And what is beyond the lecture is why students should come to UWA.”
A flurry of historic books joined the festival of light to launch our Centenary.

The centrepiece, Jenny Gregory’s history of UWA, Seek Wisdom, was introduced at the Alumni Weekend. It is available from the UWA Publishing website for $65, with the bonus of free postage.

Leading up to our big year, honorary research fellow Noelene Bloomfield launched her history of French-British rivalry in the southern oceans, Almost a French Australia, late last year. Mrs Bloomfield lectured in French Studies for more than 30 years until 2002 and has always been fascinated by the possibility of the Great South Land being colonised by the French.

They certainly sent many expeditions to the Indian and Pacific Oceans, but many of the men died without reporting their discoveries back home in France. The outbreak of the French Revolution towards the end of the 18th century also meant that France did not develop colonies in the southern oceans for many decades – which left the way open for the British to claim Australia and New Zealand.

Almost a French Australia was launched by Tonya McCusker, wife of the Governor, Malcolm McCusker, and one of Mrs Bloomfield’s star pupils. It is published by Halstead Press and is in bookstores for $49.45.

The words were flowing from the Bloomfield home last year. Mrs Bloomfield’s husband, Emeritus Professor John Bloomfield, has written the story of sport science at UWA, From Ugly Duckling to Soaring Swan.

Along with Seek Wisdom, it was launched at the Alumni Weekend. E/Professor Bloomfield took over the new Physical Education course in early 1968. His book traces the development from this very unscientific course, to arguably the best sport science school in Australia. The 43-year journey was made against stiff early opposition from senior biological and medical science academics.
By 2011, the School of Sport Science Exercise and Health had more PhD and MSc candidates that any other in the Faculty of Life and Physical Sciences and almost $10 million in research funding.

From Ugly Duckling to Soaring Swan is available from the School for $24.95.

Another historical UWA book with a sports flavour is Tony Barker’s Keith Carmody: Keith Miller’s Favourite Captain, a volume for cricket fans from the Lives in Cricket series.

Keith Carmody was the most successful junior batsman in 1930s Sydney. He broke into the first-class ranks just as war was breaking out. The RAAF pilot and POW never played for Australia but he was nominated by Keith Miller to captain his ‘dream team’ of Australian, English, South African and West Indian Test players.

Carmody did captain a winning WA Sheffield Shield team and laid the foundations for WA’s success with coaching programs for juniors.

Associate Professor Barker is a distinguished sports historian who does most of his work in the University Club café. His book is available for $15 from the Co-Operative Bookshop in the Guild Village.

Another book with strong UWA connections is Fire, a collection of stories, poems and visual images published by the fledgling Margaret River Press, run by Caroline Wood, who has recently left UWA after 24 years in the Centre for Water Research. Edited by UWA's Delys Bird, it presents a diverse range of responses to fire, including some from the victims of the late 2011 Margaret River fires, as well as local and national award-winning writers.

Fire was launched at UWA by Winthrop Professor Carmen Lawrence on 5 March through the Institute of Advanced Studies, which hosted an accompanying lecture by another contributor, playwright David Milroy.

It is available directly from Margaret River Press: www.margaretriverpress.com and independent bookshops, for $28.

All the books are also available at the Co-Operative Bookshop in the Guild Village.

Canine Centenary challenge

Among the 2,200 swimmers who ploughed through the Rottnest Channel Swim last month, was a team called Channel Chewers.

As well as churning up the 20 kilometres of open water in less than six-and-a-half hours, the two UWA graduates, one UWA student and their friend raised more than $2,000 for a Guide Dog.

The Channel Chewers are part of a campaign being run by Lindy Brophy in Public Affairs, to raise $30,000 this year to train a guide dog. It is a personal project, not a University campaign, inspired by Lindy’s twin sister who lost her sight two years ago.

UWA has a special relationship with Guide Dogs. Australia’s first guide dog worked here, on the Crawley Campus, with Dr Arnold Cook, in the 1950s.

Dr Cook was a UWA graduate who won a Hackett Scholarship to the London School of Economics where he acquired Dreena, a black labrador, and brought her back to UWA. He then started the guide dog training program in Australia.

Today at UWA, administrative assistant Greg Madson is assisted by his guide dog Nicholas every day in the Faculty of Natural and Agricultural Sciences. Claire McGlew studies final year music with her guide dog Swanee by her side. And staff development officer Claire Webb does preliminary training of guide dog puppies.

The final connection is that the Association for the Blind/Guide Dogs WA is also celebrating its centenary this year.

So if Lindy manages to raise the $30,000 by the end of the year, she would like it to be a centenary gift from the University, although it is not an official University Centenary activity.

She is hoping staff and students will join her to achieve the goal.

“The HBF Run for a Reason is coming up, and I’m hoping there might be some runners at UWA who would like to take part but are still deciding on a cause,” Lindy said. “If this is you, please get in touch and we can create an event page on the fund-raising website, as we did for the Channel Chewers.”

To donate to the guide dog project, please go to www.everydayhero.com.au/event/uwa-centenary

UWAnews will keep you up to date with the campaign during the year, along with news of fund-raising events.
Like all good relationships, where both partners benefit, Service Learning can be complicated, difficult and challenging.

It can also be satisfying, rewarding, even life-changing.

Service Learning is a component of New Courses that still has a long way to go before it is embedded in the University's curriculum and traditions.

But great work is being done in Medicine, Engineering, the Arts and through the Guild to ensure it is an important part of the future at UWA.

Alec Cameron, the new Deputy Vice-Chancellor (Education), says it is “the University’s responsibility to produce good citizens from the best and brightest young high school graduates.”

Professor Cameron said Service Learning was consistent with the principles of New Courses, which aimed at developing the whole student.

“We get the best students here, who will go forward to leading roles. Service Learning is one way of helping them to develop as good leaders,” he said.

Donella Caspersz, lecturer in Management and Organisations in the Business School, and her colleague Doina Olaru have a UWA Teaching Fellowship to look at Service Learning, to define it (“which is quite difficult”) and to understand its value.

“We are both engaged in the global movement, Students In Free Enterprise (which has recently been rebadged as ENACTUS), which is similar to Service Learning, but is completely voluntary and carries no credit points,” Dr Caspersz said.

“Our students have achieved amazing success working with communities, while adding to their skills and experience, but we need a more uniform approach to Service Learning as a whole.”

They are developing a unit which will provide the foundations of Service Learning, to prepare students for working in the community.

“Most units in the Business School have a practical element, so most have the potential to become Service Learning units. But students still need to learn about civic and social responsibility and acquire the skills for research and applying that research to needs in the community,” Dr Caspersz said.

“It is a big ask for academics because a Service Learning unit takes a lot of time, a lot of involvement. But we are keen that it be seen as legitimate activity for academics. There isn’t the depth of scholarship related to Service Learning in Australia as there is in North America, but roll on another five years, and I am sure it will be a field of study that is more widely recognised here.”

Denese Playford, Associate Professor in the Faculty of Medicine, Dentistry and Health Sciences, has seen the idea of
Service Learning form the basis of the Rural Clinical School, with which she has been involved for several years.

“The Rural Clinical School is responding to rural communities’ need for doctors. The students learn clinical skills through community engagement. These are exactly the aims of Service Learning,” she said.

“With the same kind of aim, the Faculty is developing four Service Learning units for a special Scholarly Activity stream in the Doctor of Medicine, the University’s new graduate medical degree, that starts in 2014.

“Medicine has a long tradition of altruism and Service Learning is picking up on that and formalising it.”

A/Professor Playford said she had had great support from the service sector, including the WA Council of Social Services, in creating the new units.

“The courses will prepare the students for going out into the community: they will apply learning about the burden of disease, find out how to manage community-based relationships, gain project management skills, understand equity issues, and develop new perceptions about their ability to be local/global citizens.”

She said the community projects would not be prescribed. “The students will be academically prepared to listen to people in the community and their representatives and then work out how they can use their skills to do what is needed to solve a problem. Colleagues with community contacts that would benefit from students’ work are welcome to be in touch.”

Volunteering among students is strong, especially since many of them come to university with high school experience of community service. Aden Date co-ordinates volunteering at the Guild.

“While it’s not the same as Service Learning, a lot of students already have the right attitude and enthusiasm so I’m trying to get the faculties involved with us so we can create some skilled volunteering that will one day become Service Learning units,” he said. “The faculty societies know what students can do and we know what’s needed in the community.”

In the Arts Faculty, Chantal Bourgault du Coudray has been co-ordinating the Arts Practicum unit for several years.

“Workplace learning and career development is especially important for Arts students who don’t have the same clearly-defined workplace directions as, say, engineers,” she said.

“We have had a lot of success with the program, but it’s about employability. Service Learning is less about employability and more about community engagement.

“It needs to be mutually beneficial, not simply charity work or taking what you need without considering the partner. The students need to learn something, the community needs to gain something.”

Assistant Professor Bourgault du Coudray agreed with Dr Caspersz that it took a long time and hard work to build relationships.

“Funding is another consideration,” she said. “There are opportunities in the wheatbelt towns and up north in the mining towns for students and communities to work together. But some of the most meaningful opportunities for Service Learning are a long and expensive way away.”

In the Faculty of Engineering, Computing and Mathematics, Winthrop Professor Caroline Baillie has been involved in Service Learning for many years, chiefly through her Waste for Life project in South America and Lesotho. She has involved hundreds of students from around the world in this not-for-profit NGO which helps poverty-stricken people to make a living out of recycling waste products and creating something useful.

“But what I do doesn’t quite fit the UWA model of Service Learning because usually my students will serve a community without actually engaging with them, I find it’s often better not to have direct interaction, before students have questioned the impact that such interventions can have on communities,” Professor Baillie said.

“They can still learn about the community and come up with engineering solutions.”

With Assistant Professor Rita Armstrong, she is running a compulsory unit for all Engineering and Science majors, Engineering Challenges in the Globalised World.

“It is also a broadening unit, and we have students from disciplines such as design and music who are taking it,” said Professor Armstrong, who is an anthropologist.

Her background means she and Professor Baillie have a unique approach to Service Learning.

“The students in the Engineers Without Borders program are not told ‘design this’,” Professor Baillie said. “They are given an open challenge and it helps them to learn about social context. There are different kinds of communities and cultural groups and the students must do a lot of exploration around social context.”

Professor Armstrong has set up a partnership with the Shire of Roebourne, which has a waste problem with the huge unwanted tyres from mining trucks. “They have asked what the students can do with rubber crumb,” she said. “But it’s not just an engineering solution they are looking for. The students have to take into account the Indigenous lifestyle of the people in Roebourne. The way the products are made must fit with that.”

Main picture: Students at work in Waste for Life. Other images show RCSWA students having fun with local children.
History teaches us there is nothing to fear from massive open online courses.

MOOCs as they became known last year in a flurry of publicity and anxiety within universities, are nothing more than a sideshow, according to Winthrop Professor Raymond da Silva Rosa, President of UWA’s Academic Staff Association.

“MOOCs are not the most significant development in the history of universities,” he writes. “That would be Wilhelm von Humboldt’s reforms in 19th century Germany, to make research the principal aim of universities.

“Prior to Humboldt, universities were gatekeepers to the professions at best. They had contributed virtually nothing to the scientific revolution and as late as 1868, Oxford and Cambridge were said not to carry education beyond the stage of general and school education.

“Nowadays of course there are more enrolled students but we fret they don’t turn up because the lectures are online and some believe the ‘business model’ of universities is broken after 900 years because we have lost the ‘monopoly to teach’. More history should be read.

“In the German universities, at the height of their prestige, there were, with the exception of medicine, ‘no compulsory lessons with monitored attendance or check-up exams. Only at the end of the course of study was the candidate tested. However, the way in which the individual acquired this knowledge was left entirely up to him.’

“It wasn’t just the Germans who thought it mattered little how or where students learned. In 1858 the University of London’s exams were open to everyone: ‘[t]he University was no longer concerned whether its students had pursued a course of study at a recognised institution, or studied with a recognised tutor, or had gained their knowledge purely by self-study. All were to be allowed to enter the examination system on equal terms.’

“The ‘business model’ of universities isn’t based on teaching; it’s based on learning and inculcating a set of values. Proximity is important as Humboldt appreciated in stipulating ‘what is essential is that for a series of years one lives in close connection with like-minded people of the same age, who are aware that in this same place there are many thoroughly learned people, dedicated solely to the elevation and diffusion of science’.

“The likes of Harvard and MIT, whose entry to this arena caused a stir last year, evidently share Humboldt’s view. They refuse to give credit for their MOOCs even though they claim the quality of instruction is the same as the classroom experience. You get a Harvard degree only by going to Harvard.

“In time, online courses will allow us to address the unprecedented ‘massification’ of higher education, whereby close to a majority of people expect to get post-secondary qualifications.

“The universities that continue to thrive and command prestige will not be those that most tightly hold students’ hands over three years of instruction but those that focus on research and discovery and on inculcating values and perspective to their students. It’s not an education for everyone but is an education that research and teaching universities will remain best placed to provide.

“UWA’s institutional ambition is to be among the top 50 universities in the world in 2050. Research is the main driver of prestige.

“Our most pressing issue is not MOOCs but clarifying the values and perspective we wish to impart to students, and finding a way to do that during students’ time on the campus consistent with undertaking top-flight research and discovery.

“We can’t wait until 2050 to work out what will be the fashion then. We need to commit now.”
Behind the extraordinarily high quality photographs in *Through the Kunai Grass* (Berndt Museum at the Lawrence Wilson Art Gallery) is a tale of a medical discovery.

In the early 1950s, anthropologists Ronald and Catherine Berndt were among the first white people to enter the valleys of the Eastern Highlands region of Papua New Guinea. Using very slow Kodachrome 1 film, they captured brilliant images of the people in their traditional dress and symbolic masks. And they also made the first observations of what is known today as Creutzfeldt-Jakob or mad cow, disease.

John Stanton, Director of the Berndt Museum, which holds the Berndts’ photographs, said it was locally called *kuru*, or the ‘Laughing Sickness’, because the sufferers had involuntary tremors and spasms which sometimes included vocal spasms, that sounded like laughter.

“The disease was linked to their highly ceremonial practices of cannibalism,” Dr Stanton said. “But I understand it appeared briefly, then disappeared within a decade after the administration banned such practices. “The Berndts were the first people to identify the disease and now there are medical researchers who are trying to track the epidemiology of it, who are keen to see the photographs, including about 600 black and white ones which are not part of the exhibition,” he said.

Dr Stanton said careful storage in the dark had helped the Museum reproduce these fantastic photographs for the exhibition (see image at right).

Two other current exhibitions, *LUMINOUSflux* and *Dark Portals*, cover vastly different themes: harnessing light into vivid and glowing sculpture; and using the genteel arts of needlework and embroidery to create something unexpectedly dark.

*LUMINOUSflux*, which was launched on *LUMINOUSnight*, includes specially commissioned works, others on loan from the Kerry Stokes Collection, and two newly-acquired creations which use advertising lightboxes from the London Underground.

Local artist Rebecca Bauman achieves stunning visual effects with mirrors, origami paper, perspex, wrapping paper and, of course, light, casting shimmering colours onto the walls of the gallery.

While you want to stand back and drink in the jewel-like effects of her work, you feel you want to get right up close to Sera Water’s delicate pieces, to absorb the intricate stitching and layering.

*Dark Portals* is part of the Cruthers Collection of Women’s Art.

These two latter exhibitions will run until 20 April while *Through the Kunai Grass* will continue at LWAG until 1 June.

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Mad cow disease, embroidery and light: three singular themes

*Reflected Glory, Rebecca Baumann (LUMINOUSflux)*

Portrait of a young man, Kainantu, Eastern Highlands PNG. Photo by Ronald Berndt 1951 (*Through the Kunai Grass*)

*Stumped (together), Sera Waters (Dark Portals)*
Drinking more coffee at work to help developing communities

As we drink tea and coffee at work, UWA staff are investing in a bright future for farming communities in the developing world.

The University is now officially a Fair Trade institution, a status granted after a rigorous assessment process. All the coffee sold by Guild Cafes is Fair Trade certified (and also certified organic). This amounted to four-and-a-half tonnes of coffee beans last year. And 43 per cent of the tea and coffee bought for staff kitchens on UWA campuses is certified Fair Trade.

Rob Shannon from Strategic Procurement and Trish Howard from Sustainable Development have tracked exactly where our money is going.

“Fair Trade products guarantee fair wages and conditions for workers on their plantations and farms. They also use sustainable farming practices and a percentage of the profits are invested in the community through health care services, education programs, school buses and other tangible projects,” Rob said.

Schools, health care centres, micro-credit finance and women’s cooperatives have been created for communities in Peru and Ethiopia, thanks to the Fair Trade Cooperatives from which the Guild Café’s coffee is sourced.

“Bird species have increased from six to 36 on the Idulgashinna plantation, in Sri Lanka, from where our office kitchens’ Scarborough Fair tea is sourced,” Trish said. “This community has also seen the establishment of a dress-making school, computer centre, pre-schools, a retirement home and safe housing.”

The University’s Fair Trade steering group hopes to expand sales of Fair Trade tea and coffee to all office kitchens and look at UWA buying Fair Trade chocolate, sugar and sports balls,” she said.

UWA staff can switch to Fairtrade tea and coffee in their offices through Corporate Express. More information is available on www.sd.fm.uwa.edu.au/fair-trade

The Co-Operative Bookshop sells T-shirts made of Fair Trade cotton and most of the tea and coffee in its gift range is also Fair Trade certified.

Sustainability Week, at UWA this week, will encourage staff and students to consider more options, as well as Fair Trade choices, to improve sustainable purchasing and other activities.

As part of Sustainability Week, EnviroFest will be on the Oak Lawn from 11:30am until 2pm on Tuesday 19 March and the Bike Breakfast will be at the University Club on Wednesday 20 March. Live birds of prey, bees and a native Australian animal ‘petting zoo’ will feature at EnviroFest, along with stalls promoting the environmental research and activities from various centres at UWA.

You can do your bit to support Fair Trade by choosing Fair Trade products, where available.

Exposure yourself to wellbeing

Want to be healthier, happier and have more energy? Then save this date for UWA’s first Staff Health and Wellbeing Expo.

Mark Wednesday 17 April in your calendar and get along to the Winthrop Undercroft from 10:30am-2pm. All staff and affiliates are invited to this FREE event to talk to providers at the University and beyond about how you can lead a healthier lifestyle and reap the rewards.

Browse the stalls, join in the activities (including healthy food tastings, mini massages, healthy heart checks, yoga and more), and go into the draw for a range of great prizes.

Find out more at safety.uwa.edu.au/health-wellbeing/well-being/whats-on-offer/general-health, or sign up to the Wellbeing@UWA eNews for all the updates by emailing wellbeing@uwa.edu.au with the subject ‘subscribe’.

Or you can call UWA Wellbeing Officer Sarina Radici on 6488 7931.
The University of Western Australia

The new A(dmissions) Team

Postgraduate students’ lives have become a whole lot easier.

As a result of New Courses, the numbers of postgraduate course enrolments is becoming too much for individual faculties to handle by themselves, so a new Postgraduate Admissions Team has been created within the Admissions Centre.

And their mission is to streamline domestic coursework degree enrolments and keep almost everything online.

“I only have good things to say about Barbara Goldflam and her Postgraduate Admissions Team,” said Rebecca Light, Postgraduate Co-ordinator in the Business School. “They have made our lives easier as well as the students’, even though they have only taken over two of our postgrad courses. We are hoping, in time, to transfer more of our courses to them.”

Barbara Goldflam, Shelley Giles, Naseem Mkandawire and Glen Stewart have worked hard on streamlining the business processes, including setting up an online verification process for student transcripts and other documents, to reduce paperwork, time and inconvenience for the prospective students.

“When students accept an offer of a postgrad place from the University, they are directed to the Postgraduate UniStart website (within the Future Students website). There they can find everything they need including links to Pheme, studentConnect, the handbook, the timetable and OLCR. They can also use askUWA for answers to their questions,” Barbara Goldflam said.

“The Postgrad UniStart site has been modelled on the undergrad version, which has worked successfully for many years. We have put a lot of time and effort into populating the Future Students site with postgraduate courses, which has made our web presence more student-centred, with easier navigation and more accurate information, drawn dynamically from Callista and the handbook, wherever possible,” she said.

Shelley Giles said the team was working on putting everything online, including the traditional printed postgraduate handbook. “Postgrads are hard to locate, unlike undergrads who are all in schools,” she said.

“There are very few events or places, apart from the Postgrad and Honours Expo once a year, where we can distribute the handbook. So it makes sense to put it online with everything else.”

“We are creating a one-stop shop which is continually and automatically updated with the latest information from the faculties.”

Barbara said things would change in 2015 when the first graduates from the New Courses undergraduate degrees would be competing for postgraduate places in courses including medicine, dentistry, engineering and law.

“The intake will be massive and every faculty has a slightly different way of assessing and offering places. It will be a challenge for us but I hope that, by then, we will have created a University-wide policy for assessing and selecting students. I think it will be more like the undergraduate preferences process,” she said.

“The Postgrad Admissions Team works in partnership with Faculties. They still select their students, then we come in with the administration.”
CLIFFS ASIA PACIFIC IRON ORE PTY LTD
Paul Duuring, School of Earth and Environment, Centre for Exploration Targeting CET: ‘Exploration Targeting for BFIF Deposits in the Mount Richardson Project Area Yilgarn Craton Western Australia’ — $450,829 (2013-14)

COLUMBIA UNIVERSITY EX SHORTTOMS
Dr Britta Regli-von Ungern, School of Medicine and Pharmacology, ‘Climatic Exposure Duration and Effects on Cognitive Language Ability’ — $10,262 (2013)

COUNCIL OF GRAIN GROWERS ORGANISATION
Dr Christian Nansen, School of Animal Biology, UWA Institute of Agriculture (IOA): ‘Development of self-installing platforms’ — $11,000 (2013-14)

Witchthrop Professor Kadambot Siddique, Professor Tanzeeb Khan, Professor Alkire, School of Animal and Agricultural Sciences, School of Plant Biology, UWA Institute of Agriculture (IOA): ‘Encouraging WA Chickpea industry Through Targeted Demonstration and Expansion of Next Generation Resistant Improved Varieties and Lines in Partnership with Grower Groups’ — $96,350 (2013-14)

DEPARTMENT OF CLIMATE CHANGE AND ENERGY EFFICIENCY NRM IMPACTS AND ADAPTATION GRANTS PROGRAM
Associate Professor Barbara Cook, Dr Phil Pisau, Dr Anne Lane, Prof Carl Stephenson, Dr Peter Spelwinder, Benjamin Ford, Simon Nevile, Rebecca Davies, School of Animal Biology, Centre of Excellence in Natural Resource Management, SA Development of Interchange Water and Natural Resources, South Coast Natural Resource Management Inc (NHT). Eyre Peninsula Natural Resource Management: ‘Facilitating NRM Planning for Climate Change - Baseline Climate Change Knowledge for Southern and Southwestern Flinders’ — $50,225 (2013-15)

EDITH COWAN UNIVERSITY

FREMANTLE HOSPITAL MEDICAL RESEARCH FOUNDATION
Scott Ceglar, Witchthrop Professor Sergio Staricco, Assistant Professor Simone Brockman, School of Psychiatry and Clinical Neurosciences: ‘Autism Spectrum Disorders in Middle to Late Adulthood: Phenomenology, Prevalence and Cost’ — $15,000 (2013)

DR NINA WONG, School of Medicine and Pharmacology: ‘Using Old Drugs as New Drugs for Acute Myeloid’ — $12,323 (2013)

Desiree Ho, School of Medicine and Pharmacology: ‘Role of the toll like receptor 4 (TLR4) signaling cascade in the development of colorectal tumourigenesis’— $15,000 (2013)

Dr Kirsten Peters, School of Medicine and Pharmacology: ‘Studying vitamin B-12 deficiency and depression in methionine-treated patients with type 2 diabetes’ — $11,958 (2013)

Stephan Karl, School of Medicine and Pharmacology, School of Computer Science and Software Engineering: Developing a convenient and efficient method to measure drug resistance in the malaria parasite plasmodium vivax’— $11,765 (2013)

Dr Laurens Manning, Associate Professor Kevin Batty, John Dyer, Associate Professor Benjamin Clark, School of Pathology and Laboratory Medicine, School of Medicine and Pharmacology, Fremantle Hospital: ‘The pharmacokinetics of etanercept in obese patients: a multi-compartmental approach exploring plasma, bone and adipose tissue concentrations’ — $14,750 (2013)

GEOLOGICAL SURVEY OF WESTERN AUSTRALIA
Associate Professor Eun-Jung Holden, Dr Peter Kovess, Jason Wong, Daniel Wedge, Professor Thompson McCuaig, Dr John Horosny, School of Earth and Environment, Centre for Exploration Targeting CET: ‘Integrated Visualisation of Large Volumes of GSWA Data: Groundwork for the Integrated Exploration Platform’ — $126,162 (2013)

GRAPE AND WINE RESEARCH AND DEVELOPMENT CORPORATION
Assistant Professor Michael Considine, School of Plant Biology: ‘Investigation of Respiratory Control in Drought Tolerant Grapevines’ — $4,500 (2013)

GROUP OF EIGHT DAAD GERMAN RESEARCH COOPERATION
Professor Rachel Cardell-Oliver, Professor Mark Rivers, Charistof Hubner, School of Computer Science and Software Engineering, Centre for Ecolology, Mannheim University of Applied Sciences: ‘UWAN — Underground Wireless Sensor Networks’ — $18,800 (2013-14)

Witchthrop Professor Mohammed Bennamoun, Dr Ferdous Sohel, Dr Amar Kumar Pillaiam Abta, Professor Michael Hahn, School of Computer Science and Software Engineering, Hochschule fuer Technik Stuttgart: ‘Hyperspectral Survey of Road Conditions by a Vehicle Mounted Multisensor System’ — $21,368 (2013-14)

Professor Alison Ord, Professor Bruce Hobbs, Professor Jorn Kruhl, School of Earth and Environment, Technical University of Munich: ‘The Quantification of Hydrothermal Mineralising Systems’ — $19,704 (2013-14)

GROUP OF EIGHT EUROPEAN FELLOWSHIPS
Dr Joseph Tomkins, Dr Zofia Prokop, School of Animal Biology, Jagiellonian University: ‘Zofia Prokop and Joseph Tomkins’ (2013)

INSTITUTE OF CHARTERED ACCOUNTANTS IN AUSTRALIA

INTERNATIONAL FEDERATION OF ENDODONTIC ASSOCIATIONS
Witchthrop Professor Paul Abbott, Dr Rada Haddadin, Dr Nicholas Boyd, School of Dentistry: ‘Influence of Access Canal Canal Preparation Taper Irrigation and Intracanal Medicament on Fracture Susceptibility of Endodontically Treated Teeth’ — $3,901 (2013)

KEPPEL OFFSHORE AND MARINE LTD
Associate Professor Christophe Gaudin, Centre for Offshore Foundations Systems: ‘Desktop study of suction caissons for self-installing platforms’ — $11,000 (2012)

LUNG INSTITUTE OF WESTERN AUSTRALIA
Kathryn Ramsey, Adjunct Associate Professor Graham Hall, UWA Centre for Child Health Research: ‘Lung Clearance Index as a Surveillance Tool to Detect Structural Lung Disease in Preschool Children with Cystic Fibrosis’ — $89,265 (2013)

Associate Professor Peter Richmond, Assistant Professor Ruth Thornton, Dr Lea-Ann Kirkham, Dr Selma Wiertz, School of Paediatrics and Child Health: ‘Mechanisms of Bacterial Persistence and Potential for Vaccination in Patients with COPD’ — $50,000 (2012)

MACQUARIE UNIVERSITY EX ARC LIEF
Professor Marco Fiorentini, School of Earth and Environment: ‘New Horizons in Geochemical Trace Element and Isotopic Analysis’ (2013)

MARS UK LTD – PET CONNECTIONS
Associate Professor Lisa Wood, Assistant Professor Hayley Christian, Dr Karen Martin, Witchthrop Professor Stephen Howerton, School of Primary Health, Faculty of Education: ‘The Role of Companion Animals as Facilitators of Social Connectedness and Sense of Community’ — $119,241 (2011-12)

MEAT AND LIVESTOCK AUSTRALIA RESEARCH PROGRAM
Witchthrop Professor Martin Barbett, School of Plant Biology: ‘Managing Soil-borne Diseases in Subclover Pastures Across Southern Australia’ — $1,280,772 (2012-17)

MEDALEA AG
Dr Foteini Hassiotou, School of Chemistry and Biochemistry: ‘Physiology of Human Lactation’ — $349,417 (2012-13)

Professor David Preen, School of Population and Child Health: ‘Physiology of Human Lactation’ — $29,471 (2013)

MONASH UNIVERSITY EX NHMRC PROJECT GRANTS
Dr Keith Stubbs, School of Chemistry and Biochemistry, Monash University: ‘Identification based Design of Inhibitors of PimA – a New Target for Tuberculosis Therapy’ — $70,800 (2013-15)

MOUNT SINAI SCHOOL OF MEDICINE EX NIH
Dr Helen Leonard, UWA Centre for Child Health Research: ‘Multigenerational Familial and Environmental Risk for Autism — MINOS – Network’ — $305,848 (2012-16)

MURDOCH CHILDREN’S RESEARCH INSTITUTE EX NHMRC PROJECT GRANTS
Professor Susan Prescott, Associate Professor Katie Allen, Professor Anne-Louise Pansonby, Professor Mimi Tang, School of Paediatrics and Child Health: ‘Outcomes of Early Lung Function in Cystic Fibrosis’ — $201,001 (2012-16)

NHMRC CAREER DEVELOPMENT FELLOWSHIPS
Dr Peter Noble, School of Anatomy, Physiology and Biological Sciences: ‘Outcomes of Early Lung Function in Cystic Fibrosis’ — $201,001 (2012-16)

NHMRC EARLY CAREER FELLOWSHIPS
Shaouli Shahid, School of Primary, Aboriginal and Rural Health Care, (2013-14)

Dr Theodore Ng, School of Medicine and Pharmacology, (2013-14)

NESTEC LTD
Witchthrop Professor Jiakie Xu, School of Pathology and Laboratory Medicine: ‘The Therapeutic Effect an Mechanism of Actions of Natural Compounds in Bone Health’ — $100,000 (2012)

NESTLE
Professor Kevin Croft, School of Medicine and Pharmacology: ‘The Effect of Coffee- Derived Chlorogenic Acids on the Human Vasculature’ — $211,006 (2013)

NEUROTRAUMA RESEARCH PROGRAM (NHMRC)
Witchthrop Professor Sarah Dunlop, Dr Peter Batchelor, Professor John Dyer, Dr Dave Dillon, Dr Sudhakar Rao, John Ker, Ann Watts, A/Professor John Buchanan, Associate Professor Gary Allison, Associate Professor James Middleton, Professor Brian Freeman, School of Animal Biology, University of Sydney, University of Adelaide, University of Melbourne, Royal Perth Hospital: ‘ICE (Immediate Cooling and Enzyme) Grade III and IV Compression’ Involving WA in an Australia-Wide Clinical Trial for Traumatic Spinal Cord Injury’ — $786,565 (2012-15)

Associate Professor Melinda Fitzgerald, Associate Professor Dr Nathan Hart, Witchthrop Professor Sarath Ranganathan, Dr Stephen Stuck, UWA Centre for Child Health Research: ‘Outcomes of Early Lung Function in Cystic Fibrosis’ — $201,001 (2012-16)

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for Treatment of Neurotrauma: a Multi-Centre Collaborative Approach—$144,000 (2013)

Assistant Professor Melinda Fitzgerald, School of Animal Biology. ‘Combinational Ion Channel Inhibitor Treatment of Partial CNS Injury: Effects on Mitochondrial Structure and Oxidative Stress’—$141,169 (2013)

Assistant Professor Melinda Fitzgerald, School of Animal Biology: ‘Effects of 670nm Light Treatment on Oxidative Stress Following Partial CNS Injury’—$137,745 (2013)

Assistant Professor Kristyn Bates, Assistant Professor Jennifer Rodger, Winthrop Professor Alan Harvey, Professor Robert Vink, School of Anatomy, Physiology and Human Biology, School of Animal Biology, University of Adelaide: ‘Can Brain Repair be Enhanced by Manipulating Brain Cells Using Non-invasive Techniques’—$100,278 (2013)

Assistant Professor Jennifer Rodger, Professor Rachel Sherrard, School of Animal Biology, Université Pierre et Marie Curie Paris VI: ‘Using PMPs to Optimise Neural Circuit Repair Through Differential Effects on Neurons and Glia’—$78,994 (2013)

Assistant Professor Michelle Byrne, Dr David Blacker, School of Medicine and Pharmacology, Centre for Neuromuscular and Neurological Disorders (00015): ‘A Randomized Controlled Trial of Cognitive Acceptance and Commitment Therapy (CogACT) for Stroke Survivors Experiencing Cognitive Impairment’—$97,000 (2013)

A/Professor Kathy Heel, School of Pathology and Laboratory Medicine: ‘Megakaryocyte Biology and Thrombotic Risk in Myeloproliferative Neoplasms’—$53,500 (2012)

PRINCESS MARGARET HOSPITAL FOUNDATION

Dr Tobias Strunk, School of Paediatrics and Child Health: ‘Antimicrobial Proteins and Peptides to Prevent Late Onset Septis in Premature Infants’—$73,945 (2013)

Professor Karen Edmond, School of Paediatrics and Child Health: ‘Improving an Aboriginal Child’s Journey through Paediatric Ambulatory Care in Western Australia’—$77,772 (2013)

ROYAL AUSTRALASIAN COLLEGE OF PHYSICIANS

Dr Tobias Strunk, School of Paediatrics and Child Health: ‘Exposure to Perinatal Inflammation and Subsequent Risk of Infection in Early Childhood in Very Preterm Infants’—Fellowship (2013)

ROYAL PERTH HOSPITAL MEDICAL RESEARCH FOUNDATION

Professor Grant Waterer, School of Medicine and Pharmacology: ‘Understanding the Immunological Basis of Non-Tuberculous Mycobacterial Disease’—$14,000 (2013)

Associate Professor Esther Ooi, Professor Peter Barrett, Winthrop Professor Gerald Watts, School of Medicine and Pharmacology: ‘apoC-II as a Regulator of Lipoprotein Metabolism in Women: Understanding Dyslipidemia as a Cardiovascular Risk Factor’—$16,500 (2013)

Dr Dino Tan, Associate Professor Yuben Moodley, School of Medicine and Pharmacology: ‘Regulation of T-Cell Anti-inflammatory Responses in Exacerbations of Chronic Obstructive Pulmonary Disease’—$16,200 (2013)

SCIENCE AND INDUSTRY ENDOWMENT FUND JOHN STOCKER FELLOWSHIP

Professor Simon Driver, Dr Aaron Robotham, Associate Professor Andrew Hopkins, School of Physics, Australian Astronomical Observatory: ‘Unveiling Obscured Star Formation in the Universes Most Typical Environment’ (2013-15)

SOUTH COAST NATURAL RESOURCE MANAGEMENT INC (NHT)

Associate Professor Barbara Cook, Centre of Excellence in Natural Resource Management: ‘Research and Technical Support for the Project Empowering Farm Inc to Adopt Behaviour Change in a Carbon Economy’—$25,500 (2012-14)

ST VINCENTS INSTITUTE OF MEDICAL RESEARCH EX NHMRC PROGRAM GRANTS

Professor Grant Morahan, UWA Centre for Medical Research, Western Australian Institute for Medical Research (WAMIR): ‘Pathogenesis Based Treatment of Type 1 Diabetes’—$1,663,430 (2013-17)

SUBSEA 7 AUSTRALIA CONTRACTING PTY LTD

Professor Susan Gourvenec, Professor Mark Randolph, Centre for Offshore Foundations Systems: ‘Subsea 7 – Mudmat Design Under General Multi Dimensional Loading Phase 2’—$180,000 (2012)

SWINBURNE UNIVERSITY OF TECHNOLOGY

Winthrop Professor Paul Flatau, UWA Business School: ‘A cost-benefit Argument based on Output and Outcomes Data from the Geelong Project (Stage 1)’—$34,000 (2013)

US DEPARTMENT OF DEFENSE

Winthrop Professor Bruce Robinson, Dr Scott Fisher, Adjunct Professor Richard Lake, Professor Anna Nowak, Dr Cleo Robinson, School of Medicine and Pharmacology: ‘Targeting Immunological Restraints Understanding the Immunology Behind Combination Chemo Immunotherapy to Improve the
Treatment of Malignant Mesothelioma” — $1,419,717 (2012-13)

UWA ALBANY TRAVEL GRANT SCHEME
Dr Angus Turner, Centre for Ophthalmology and Vision Science; “Diabetic Retinopathy Screening Programme” — $1,000 (2013)

UWA REENTRY POSTDOCTORAL FELLOWSHIPS
Dr Rebecca Fullarton, Department of Chemistry and Biochemistry; “UWA Reentry Postdoctoral Research Fellowship” — (2013)

UWA UO BILATERAL RESEARCH COLLABORATION AWARD
Marit Kragt, Dr Yvonne Buckley, Dr Kerrie Wilson, School of Agricultural and Resource Economics, University of Queensland: “The value of carbon and biodiversity services provided by native shrubs on farmland” — $12,000 (2013)

David Hodgkinson, Dr Paul Dargusch, Law School, University of Queensland: “The Emissions Problem – Development of Mitigation Policies at the Regional and Global Levels for the Aviation Industry and Assessment of their Effectiveness” — $16,000 (2013)

Professor Lynette Parker, Associate Professor Dr Helen Creese, Dr Anne Pohnham, School of Social Sciences, University of Queensland: “The Stigmatization of Widows and Divorces – Janda – in Indonesia Society” — $18,000 (2013)

Dr Kara Shaw, Dr Caryn Cowin, Professor Shaun Collin, School of Animal Biology, University of Queensland: “In Search of a Magnetoreceptor in the Shark CNS” — $14,871 (2013)

Dr Stephen Macdonald, School of Primary, Aboriginal and Rural Health Care, University of Coffs Harbour: “Establishment of an Emergency Medicine Clinical Research Collaborative” — $49,083 (2013)

Professor By Yeap, Professor Melissa Fitzgerald, Associate Professor Kim Bryceson, School of Medicine and Pharmacology, University of Queensland: “Micronutrients and Health Outcomes in Ageing Men” — $9,150 (2013)

Winthrop Professor Keith Smettem, Professor Stuart Phinn, School of Environmental Systems Engineering, University of Queensland: “Technical Development and Capture of High Resolution Thermal Imagery Using an Unmanned Aerial Vehicle UAV Platform to Study Groundwater Influences on Sea Temperature Locations in Rivers and Tidal Flow Patterns Over Coral Reefs” — $17,000 (2013)

Dr Helen Stallman, Professor Matthew Sanders, School of Psychology, University of Queensland: “Stigma of Childhood Mental Health: Developing a Gold Standard Measure” — $12,000 (2013)

Winthrop Professor Christobel Saunders, Prof Yaffa, School of Surgery, University of Queensland: “Investigation of Targeted Gene Mutations for Diagnosing and Treating Cancer Discovery in Locally-Advanced and Metastatic Breast Cancer” — $11,065 (2013)

Dr Neill Coles, A/Professor Ron Johnston, University of Queensland: “Ecology and Intelligent Networked Environmental Sensors for Long-Term Field Deployment in Terrestrial Aquatic and Marine Environments” — $14,500 (2013)

Professor Hans-Gerhardt Meurer, Professor Michael Drinkwater, Dr Christopher Springob, Dr Se-heon Oh, School of Physics, University of Queensland: “Wavelength Identification and Analysis of Nearby Gas Rich Galaxies” — $10,000 (2013)

UNIVERSITY OF CAMBRIDGE
Professor Fiona Bolin, School of Population Health: “Impact of Constructing Non Motorised Networks and Evaluating Changes in Travel (Connect)” — $71,684 (2013-14)

UNIVERSITY OF NEW SOUTH WALES UNSW EX WA DEPARTMENT OF HEALTH
Professor Daniel Falovich, Dr Roberto Forero, Professor Kenneth Hillman, Associate Professor David Mountain, Dr Peter Spurivius, School of Primary, Aboriginal and Rural Health Care, University of New South Wales: “Validation and Impact of the Four Hour Rule in the Emergency Department (Phase 2)” — $217,288 (2013-15)

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL EX NATIONAL INSTITUTES OF HEALTH NIH
Dr Stephen Stick, UWA Centre for Child Health Research: “Mucus and Hypoxia in Heterogeneous and Progressive OF Lung Disease” — $155,683 (2012)

UNIVERSITY OF QUEENSLAND EX ARC DISCOVERY PROJECTS
Dr Sergei Pisarevsky, Dr Gideon Rosembaum, School of Earth and Environmental Sciences: “Unravelling the geodynamics of eastern Australia during the Permian: the link between plate boundary bending and basin formation” — $137,478 (2013-15)

Professor Sirimon Treepongkaran, UWA Business School, University of Queensland: “The economic cost of insider trading – culture, legislation, governance, gender and crisis impacts: comparative evidence from around the globe” — $30,000 (2013-15)

UNIVERSITY OF QUEENSLAND EX NHMRC
Dr Anthony Bosco, UWA Centre for Child Health Research: “Understanding the Mechanisms Responsible for Abnormal Anti-viral Immunity in Asthma.” — $24,785 (2013-15)

Professor Patrick Holt, Professor Peter Sly, Dr Kathryn Holt, Dr Deborah Strickland, Professor Zoltan Hantos, UWA Centre for Child Health Research: “Prevention of Asthma in Young Children via Immunostimulation” — $226,782 (2013-16)

UNIVERSITY OF SYDNEY EX ARC DISCOVERY
Winthrop Professor Eugene Ivanov, School of Physics, University of Sydney: “Frequency standards with breakthrough performance: Engineering immunity to LO instabilities using dynamical error suppression” — $45,000 (2013-15)

Professor Mark Edele, School of Humanities, War and Displacement: From the Union to Australia in the Wake of the Second World War” — $247,423 (2013-15)

Associate Professor Michael Gillian, Dr Michele Ford, UWA Business School, University of Sydney: “Scaling Global Labour: The Global Union Federations in Indonesia and India” — $67,163 (2013-15)

Associate Professor Christopher Power, Professor Geraint Lewis, Dr Gregory Poole, Dr Danail Obrecht, School of Physics, University of Sydney, Swinburne University of Technology, University College London, International Centre for Radio Astronomy Research, Universidad Autonoma De Madrid: “Observing the Synchrotron Universe – Revealing the Dark Cosmos with Future Telescopes” — $75,000 (2013-15)

UNIVERSITY OF TECHNOLOGY SYDNEY EX CSIRO POSTDOCTORAL COLLABORATION FUND PROJECTS
Professor Carlos Duarte, Winthrop Professor Gary Kendrick, Dr Pauline Grierson, Professor Ryan Lowe, Winthrop Professor Anette Waite, Associate Professor Kimberly Van Niel, Professor Sena Agust-Requena, Vice-Chancellor, Edith Cowan University, Southern Cross University, CSIRO, University of Queensland, University of Technology Sydney, Australian Institute of Marine Science (AIMS), University of New South Wales, Griffith University, UWA Universities Institute: “Blue Carbon Cluster” — $890,000 (2012-15)

UNIVERSITY OF WOLLONGONG EX ARC LIEF
Professor Hua Liu, Winthrop Professor Yinong Liu, School of Mechanical and Chemical Engineering, Australian Nuclear Science and Technology Organisation (ANSTO), University of Technology Sydney, University of New South Wales, Griffith University, University of Wollongong, Defence Science and Technology Organisation (DSTO): “Fabrication and Characterization Facilities for Lithium Rechargeable Batteries and Supercapacitors” (2013)

UNIVERSITY OF WOLLONGONG EX NHMRC PROJECT GRANTS
Professor Thomas Riley, Professor Stephen Pyne, Associate Professor Amie Kelleher, Dr Dena Lyons, School of Pathology and Laboratory Medicine: “The Development of Novel Antibacterials Targeting Ostracidal Disease Infections” — $149,645 (2012-13)

WA DEPARTMENT OF AGRICULTURE AND FOOD DAFWA EX DAFF CARBON FARMER PROGRAM FY2013-14 RESOURCES PILLING THE RESEARCH GAP
Associate Professor Daniel Murphy, School of Earth and Environmental Sciences: “Monitoring, Evaluation and Assessment of Soil Organic Carbon Levels Supporting Grain Production Systems — The Influence of Management and Environment on Carbon and Nitrogen Turnover” — $803,181 (2012-14)

WA DEPARTMENT OF COMMERCE
Winthrop Professor Peter Davies, Centre of Excellence in Natural Resource Management: “Provision of a Feasibility Study into the Establishment of Collaborative Multi Disciplinary Research Facilities Focused on Tropical Science in the Kimberley Region of WA” — $48,034 (2012)

WA DEPARTMENT OF COMMERCE APPLIED RESEARCH PROGRAM ARP SHARK HAZARD MITIGATION
Professor Mohammed Bennamoun, Dr Ferdous Sohel, Associate Professor Farid Boussaid, Dr Senjian An, School of Electrical, Electronic, and Computer Engineering, School of Computer Science and Software Engineering: “Round 1 (2012 – Advanced Vision System for Automatic Shark Detection and Tracking)” — $220,234 (2013-14)

WA DEPARTMENT OF COMMERCE INNOVATION INVESTMENT FACILITATION PROGRAM IIFP
Winthrop Professor Charitha Pattiaratchi, School of Environmental Systems Engineering: “PI-PIBara Regional Initiative – Integrating Private and Public Metocean Observing Systems” — $34,948 (2013)

WA DEPARTMENT OF TREASURY AND FINANCE
Dr Joseph Dortch, Dr Ingrid Ward, School of Social Sciences: “Developing a Triage Tool to Assess for Department of Treasury and Finance, Burswood Peninsula” — $7,251 (2012)

WA HEALTH PROMOTION FOUNDATION HEALTHWAY
Winthrop Professor Stephen Houghton, Associate Professor Jason Mitchell, Associate Professor Lisa Wood, Trevor Shilton, Dr Karen Martin, Graduate School of Education, School of Sport Science, Exercise and Health, School of Population Health, Telethon Institute for Children’s Health from Ages 8 to 18 – A Sequential Latent Growth Model” — $355,591 (2013-2015)

Professor Linda Slack-Smith, Dr Daniel McAllay, School of Dentistry, Aboriginal Health Council of WA: “Perceptions of oral health, diet and smoking in Perth Indigenous children” — $240,000 (2013-14)

WA HEALTH PROMOTION FOUNDATION HEALTHWAY FELLOWSHIPS
Dr Karen Martin, School of Population Health: “Mental Health
Oral health for baby boomers.

From cracked teeth and old filings to more serious concerns, oral health issues experienced by people in their middle years require special care to conserve a youthful, natural smile. Dr Chai Lim and his team have a special interest in dentistry for baby boomers.

Call now for a consultation 9389 1482 visit www.drchailim.com.au

HAMPDEN ROAD DENTAL CARE NEDLANDS Experience the difference

Before he became a popular Centenary party guest at UWA this year, CENTUM visited some other campuses around the world to make sure they were aware of our celebrations.

Here, he gets to know John Harvard on the main Harvard campus in Cambridge, Boston. It is traditional for visitors to rub the founder’s left shoe, but students warn the more enthusiastic visitors not to kiss the shiny bronze toe-cap — because they know what hi-jinks the undergraduates get up to when the visitors are not around.

REDUNDANT EQUIPMENT

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Financial Services hire vehicle

Financial Services is trialing a vehicle hire system for staff of The University of Western Australia for work-related journeys. The trial will be running over a period of six months. The purpose is to discover if the University may benefit from having a small central vehicle pool available for hire potentially reducing the numbers of School vehicles.

The trial will contain only one vehicle, a 2010 Ford Fiesta. If you wish to hire the vehicle from Financial Services, contact James Morgan or 6488 2827 or look at the vehicle hire web page www.finserv.uwa.edu.au/forms/fs_vehicle_hire

University of Western Australia Academic Staff Association

ELECTION NOTICE
Nominations are called from eligible candidates for the election of:
- President (1)
- Vice President (1)
- Secretary (1)
- Treasurer (1)
- Ordinary Member of the Committee of Management (6)

The above positions are for a one year term commencing from 1 July 2013.

Nominations will be accepted from Friday 8 March 2013.

Closing Date: Tuesday 2 April 2013

Nomination forms are to be completed in accordance with the Rules of the University of Western Australia Academic Staff Association and must be lodged with the Returning Officer by noon on 9 April 2013.

Nomination forms and lodgement instructions are available from the UWAASA office: uwaasa@uwa.edu.au or on 9218 2925.

RETURNING OFFICER
Ian Botterill

In A Campus Emergency
Dial 2222

Security staff will call the emergency services, direct them to you and come to help you while waiting for their arrival.
Practising what one teaches

By Peter Johnston
Adjunct Professor, Law School

An important family law test case, Stanford v Stanford, was heard in the High Court in September last year. It concerned the powers of the Family Court to make orders distributing marital property following the death of one’s spouse.

A notable aspect was that, of the various counsel appearing in the case, four (Michael Berry, Richard Hooker, Grant Donaldson and I) were or had been members of the Law School’s teaching staff. Undoubtedly this two-way interchange presents an opportunity to bring specialist academic knowledge to bear on complex cases and to develop novel legal principles. In turn this provides collateral benefits for the teaching of Law at this University.

Appearance by faculty members in High Court litigation is by no means novel. In fact, I had appeared earlier in 2012 in another high-profile and somewhat controversial appeal involving a long-time Australian citizen and pensioner, Charles Zentai, in which the High Court ruled that Mr Zentai’s extradition to Hungary for an alleged war crime in 1944 was unlawful.

My various associations with UWA extend back for more than half a century, to when I became a law student in 1960, and the advantages of combining teaching and practice were demonstrated by some of my early lecturers. These included Ronald Wilson QC, Francis Burt QC, John Wickham QC and John Toohey QC. They practised at the highest level of their profession but were able to impart with great clarity the principles of the subjects they were teaching. All of them later achieved high judicial office.

In 1974 I became a full-time lecturer and joined the Perth independent bar. Soon after, I found myself in the High Court in 1976 as junior to the State Solicitor General, and later High Court judge, Sir Ronald Wilson QC.

Following this, I appeared with a young Perth lawyer, Robert French, who was a part-time tutor in constitutional law. The younger French was forging for himself a formidable reputation at the bar and progressed rapidly to become a distinguished Federal Court judge, and in 2008, Chief Justice of the High Court of Australia.

Later cases in which I appeared include a challenge brought by one of my former students, Jim McGinty (who had won the Blackstone prize in constitutional law). With a fellow Opposition Member of State Parliament, Geoff Gallop, McGinty challenged the State electoral system which allowed great discrepancies between the values of votes in different electorates. Another was the Native Title Act case in which I acted for a group of Aboriginal plaintiffs. Notably, in that case another member of the Law School staff, Professor Richard Bartlett addressed the High Court on his vast knowledge of comparative native title rights.

From all this, I draw several conclusions. First, combining academic teaching with practice allows one to understand law from both its theoretical and practical perspectives. Secondly and inevitably, practice as a ‘university’ barrister means that one is usually briefed only in the most difficult and novel cases. Because of this on some occasions, opposing counsel have disparagingly sought to dismiss one’s arguments as “purely academic”. The perfect rejoinder to such claims was given by Sir Francis Burt CJ when he reproved counsel by saying: “Mr X, the argument might be academic but the question for the court is whether it is correct.”

Finally, appearing in these cases has an ironic twist. Students attending my lectures do so with some expectation that, having been involved in a major test case, I must be able to authoritatively expound its main points and arguments. In many cases I have to confess that I am not able to do so as I am just as bemused and confused as my students by the Court’s reasoning!