

news

November 2014

> from the University of South Australia



INSIDE UNISA

Trumpeting the new James Morrison Academy of Music

The announcement that James Morrison and UniSA will establish the James Morrison Academy of Music in Mount Gambier was heralded with a trumpet fanfare by the great jazz musician himself at a special launch event in October. [more](#)



HEALTH

Asleep on the job: new study explores napping on nightshift [more](#)



INSIDE UNISA

Internet futurist Vint Cerf looks at new frontiers [more](#)



COMMUNITY

Knowledge on tap [more](#)



INSIDE UNISA

From the Chancellery [more](#)



INSIDE UNISA

The latest achievements and announcements [more](#)



INSIDE UNISA

UniSA's Professor Tanya Monro appointed to national



INSIDE UNISA

Project to tackle diabetes epidemic awarded nearly \$2.5m [more](#)



COMMUNITY

The uncharted journey to success [more](#)



INSIDE UNISA

ARC funding boost for early career research [more](#)



HEALTH

From fringe to mainstream: the future of alternative medicine [more](#)



ART AND DESIGN

The leading design [more](#)



SCIENCE AND TECHNOLOGY

The disappearing nutrient at the centre of global food security [more](#)



HEALTH

Students put their strength behind community fitness program [more](#)



ART AND DESIGN

China's ceramics capital shapes graduates' artwork [more](#)



IN PICTURES

On campus this month [more](#)

[top^](#)



Asleep on the job: new study explores napping on nightshift

[Back to story index](#)

by Peter Krieg



HEALTH

PhD candidate Cassie Hilditch setting up for testing at the Centre for Sleep Research at UniSA.

Sleeping on the job is a necessary reality for many nightshift workers, but a new UniSA study suggests that instead of providing an energy boost, a night-time nap might put workers at risk.

Research on sleep inertia – the state you are in when you first wake up – by Centre for Sleep Research PhD candidate Cassie Hilditch has particular relevance for nightshift workers in safety-critical industries such as health care or transport, who have to return from breaks and operate at full capacity.

“Sleep inertia is the groggy feeling most people experience when waking up, and is characterised by slow reaction times, poor decision-making and reduced information processing,” Cassie says.

“This doesn’t matter for people getting dressed in the morning, but for workers in industries such as aviation, petrochemicals, transport and health, post-nap alertness is critical for workplace safety.”

Cassie’s study found a 30-minute nap during a night shift produced long-lasting sleep inertia, with recovery times of up to 45 minutes.

A 10-minute nap during a nightshift, however, can help stabilise performance during the hour after waking, with little-to-no sleep inertia.

Cassie says her research shows the importance of workers allowing time between a nap and the recommencement of work.

“Our research suggests that if you have a 30-minute break in a shift at night, it’s better to take a 10-minute nap at the start of your break. Don’t take a 30-minute nap if you need to return to work straight away,” Cassie says.

“Our participants were well-rested before the study, so these are likely to be best-case figures, as shift workers may already have cumulative fatigue which could prolong recovery from sleep inertia. In the real world, people are carrying a lot of sleep debt.”

Cognitive tests also revealed participants tended to overestimate their abilities after a nap, with the gap between perception and reality producing further risk.

“If sleep inertia persists beyond your break, and you think you’re more alert than you actually are while, say, operating heavy machinery, then there is a clear safety risk,” Cassie says.

“One of the challenges is getting people to recognise their limitations. Shift workers might think that since they’ve been doing shift work for six years they are fine, but they might not be – many studies support this.”

Cassie’s findings may also have an implication for desk-based jobs.

“Lawyers or people in finance might work super-long hours, and their decision-making is just as impaired as the next person’s; it’s just that the risk is financial,” she says.

Prior to her PhD, Cassie spent five years working for a research consultancy in London, undertaking fatigue-related research in safety-critical industries. In this role she developed fatigue risk management systems in settings ranging from the Libyan desert to the Swiss Alps.

“Trying to give people advice on how to schedule shifts made me realise we don’t know enough to provide all the details,” Cassie says.

While her research is offering some answers, it has also given her some first-hand experience in sleep deprivation.

“The irony of sleep research is the long night shifts you have to do to be able to study it,” she says.

Cassie recently presented her research at the Australasian Sleep Association Annual Scientific Meeting in Perth, where she won the New Investigator Award, and has also presented a poster at a European Sleep Research Society conference in Tallinn, Estonia.

She represented UniSA at the Three Minute Thesis Trans-Tasman Competition in Perth this month with her presentation 'Waking Up Tired: Effects of a Night-Time Nap on Performance and Alertness'.

Three tips for napping on nightshift

- Always include a buffer zone between a nap and starting work.
- Remember that people who are sleep deprived judge their own performance badly – you might think you’re doing better than you actually are.
- Naps are still important and beneficial – you just have to let the sleep inertia wear off afterwards.



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Latest content revision: Tuesday, 11 November 2014



**University of
South Australia**

Internet futurist Vint Cerf looks at new frontiers

[Back to story index](#)

by Michèle Nardelli



INSIDE UNISA

UniSA is providing a rare opportunity to see and hear one of the world's most savvy Internet futurists when it hosts Dr Vint Cerf to present a public lecture on November 14 on the Internet, how its role in our everyday lives will evolve, and how it is destined for a place in space.

One of the founding fathers of the Internet and today Vice President, Chief Internet Evangelist for Google, Dr Cerf says the Internet holds enormous positive possibilities.

He believes two key challenges for the Internet are like the different faces of the same coin.

"We must strive to ensure the Internet continues to grow and thrive and that it remains a vehicle for open innovation so that the next great ideas – the Skypes and the Googles of the future – are possible and will be supported by an open, highly creative environment," he says.

"At the same time we need to work to make the Internet safer by developing the technical means and adopting the legal practices that will maintain that. With a safe, more trustworthy Internet we can encourage the social, economic, governmental and academic connectedness that has marked the Internet as a watershed for the development of global productivity."

Dr Cerf says the framework that cloud computing offers is just the beginning of an endless online environment of collaboration.

"The Internet really has made it possible to see a future where we understand ourselves to be part of a planet of communicating devices and people rather than a planet of nations," he says.

"Our next challenge is to build an Internet that can operate across the solar system. Prototype software is already on the space station, Mars and the Epoxi spacecraft and we hope to build that network one space mission at a time."

Instrumental in the formation of the Internet Corporation for Assigned Names and Numbers (ICANN) that is responsible for assuring the reliable and stable management of the unique identifiers of the Internet (IP addresses, Domain Names and protocol parameters), Dr Cerf was also a prime mover in the development of the first commercial email system connected to the Internet.

Today he is an advocate for the positive power of Internet communications in building global collaboration.

While he is in South Australia, UniSA will be honouring Dr Cerf's enormous contribution to global communications, science and Internet innovation by awarding him an Honorary Doctorate to be presented at the completion of his lecture.

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[more](#)



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[top^](#)



news

November 2014

> from the University of South Australia

Knowledge on tap

[Back to story index](#)

by Will Venn



COMMUNITY

It's a Friday night in the Brunswick Hotel, pints are being pulled, pies are being nibbled and around a small stage a crowd of almost 100 people gather.

But it's not karaoke or an AFL big-screen game that has caught their attention; it is Dr William Smith, Senior Consultant at the Department of Clinical Immunology and Allergy, Royal Adelaide Hospital, who is talking about the human genome.

It's an unusual end to the week, but one which marks the start of a great new initiative to encourage the wider public in South Australia to learn more about science.

Science in the Pub in Adelaide is the brainchild of UniSA PhD student Emily Johnston and postdoctoral researcher Dr Andy Flies, who aim to take science outside of the lab, into the less stereotypical surroundings of a bar.

For one night a month over the next year, a range of science experts will gather and discuss subjects ranging from bees and pollen to cosmology, while the beer quietly flows in the background.

Dr Flies, based at the School of Pharmacy and Medical Sciences, explains how and why *Science in the Pub* originated.

"It's something that has been done in other cities but there wasn't anything like it happening in Adelaide," he says.

"We've seen some scepticism among the public about science and about interpreting science. We wanted to make science more accessible to people, we wanted them to interact more with scientists and to be able to ask them questions.

"It's about being able to see scientists go through their data and make sense of their findings to the wider public."

PhD student Emily, who recently won the UniSA's Three Minute Thesis Grand Final and is no stranger to science communication, says the event gives people a professional and accurate first-hand insight into fascinating topics.

"We encourage discussion and feedback and for those attending *Science in the Pub* it is a unique opportunity to hear from people at the cutting edge of research and practice, who talk about their findings as specialists in their chosen field," Emily says.

"There's so much information out there on the internet – it can be hard to discern good sources, so this is one way of enabling people to get to reliable sources."

Back at the Brunswick Hotel, the 'Nothing to sneeze about: A conversation about allergies' *Science in the Pub* event, occurring during hay fever season in Adelaide in early October, is seeing three specialists deliver 10- to 15-minute presentations on the theme of allergies before fielding questions from the public.

Dr Smith discusses the chemical relationship between DNA sequencing arrangements, antibody molecules and antigens in the environment, while Dr Jovanka King, RACP/RCPA Advanced Trainee in Paediatric Allergy, Immunology and Immunopathology at SA Pathology, talks about the role of the immune system and allergies particularly common in children.

Final speaker, UniSA's own Dr Michael Wiese gives a presentation on the identification of allergens as well as his reflections on fieldwork involving the extraction and collection of jack jumper ant venom – a talk which is pitched perfectly for the Friday night crowd.

The calibre of the panel is impressive but it's their ability to communicate their knowledge to a lay audience that makes the event a success. Described as a 'come and go' event, almost no one leaves until the end. A wisecracking MC Justin Stone, who fields questions from the floor, keeps the atmosphere cheery while reigning in excessive scientific jargon.

Dr Flies says that getting the experts together to talk on the same night was probably the toughest part of setting up the event. Despite that, more are already being lined up to speak on the first Friday of each month.

"The topics for future sessions will include cancer, bees, cognitive science and education, vaccination, climate change and antibiotic use. We are also looking at sessions on sleep, biodiversity and one on physics and cosmology," Dr Flies says.

"We definitely want to go with topics that are misunderstood, to get scientists to come out and go through data to help separate fact from fiction and give people a clearer understanding about science, its value and its role in our society."

With feedback from initial surveys indicating that 90 per cent of attendees said they had learnt something, and 85 per cent saying they intended to return, the science equivalent of 'happy hour' looks set to grow.

For details on future *Science in the Pub* events, go to the [website](#).

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news

November 2014

> from the University of South Australia

From the Vice Chancellor

[Back to story index](#)



INSIDE UNISA

If you were anywhere near the Jeffrey Smart Building at the end of last month you would have heard the sound of a single trumpet. No chorus of angels accompanied it but it did herald the start of great new wins for the regions.

The world famous musician and composer, James Morrison blew his horn to celebrate the launch of our brand new partnership, the James Morrison Academy of Music @ UniSA.

Jazz lovers among you will know the Generations of Jazz Academy and its links to the Generations of Jazz Festival in Mount Gambier. It's Australia's largest youth jazz competition; it's been going for more than 25 years and more than 4000 students from across Australia head to Mount Gambier to study, rehearse and perform with the nation's top jazz artists.

The James Morrison Academy of Music @ UniSA is the next step in the growth of jazz learning in Australia and entrenches Mount Gambier as the centre of jazz excellence in Australia. Morrison will become an Adjunct Professor of UniSA and a Professorial Fellow and the Academy will draw on his unrivalled network of top professional musicians worldwide to form the faculty as well as a core of staff based in Mount Gambier.

To give you an idea of how the world of jazz views this announcement, Morrison told a story about Mat Jodrell, an Australian jazz musician who teaches at New York's famous Juilliard School, probably the world's most famous school for performing arts.

'New York's great,' he said, 'but I need to be in Mount Gambier'. As Morrison said, you don't often hear the words 'New York' and 'Mount Gambier' in the same sentence so you can start to see the kinds of opportunities that will open up.

'New York's great, but I need to be in Mount Gambier.'

But that's not all that's happening in the regions. We are about to break ground on our new \$12.5 million building on the Mount Gambier campus that will revolutionise the student learning experience for regional students. The

new building is scheduled to open in early 2016 and will have space for up to four times as many students and open up opportunities for more UniSA programs to be offered.

In Whyalla the University Department of Rural Health (UDRH), along with the State's Education Department, Local Council and Health Services, have been shortlisted for a \$1 million Community Collaborative Grant to help tackle social challenges in the city and improve the health, wellbeing and education outcomes for children and young people. This is the only shortlisted program in South Australia and one of only 11 across the nation.

Whyalla and Mount Gambier are roughly 400km in different directions from Adelaide but we are going to bring both cities closer to our metropolitan campuses via a high speed fibre optic network that we expect will be completed at the end of this year. With internet speeds 100 times their current rate this network will bring our digital learning strategy, which blends online and face-to-face teaching, to many more people. It will give students in the regions access to the same curriculum, the same resources and the same academics as those in the city.

We're the University of South Australia for all of South Australia. We made a commitment to the regions in *Crossing the Horizon* and we meant every word of it.

If only we could play like Morrison we would, right about now, blow our own horn.

[Watch](#) our new Adjunct Professor Morrison do it instead.

Professor David Lloyd
Vice Chancellor and President

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[more](#)



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[top^](#)

Achievements and Announcements

[Back to story index](#)

[EU Centre to investigate social challenges of the 21st century](#)

[Global team to deliver UniSA's Great Hall](#)

[New Chinese alumni network launched in Beijing](#)

[UniSA alumnus named SA/NT Pharmacist of the Year](#)

[National teaching prize for alumnus](#)

[Student wins community engagement award](#)

[UniSA symposium puts spotlight on nutrition](#)

EU Centre to investigate social challenges of the 21st century



Former Australian Prime Minister, Bob Hawke; Hawke EU Centre Director, Associate Professor Jennifer Rutherford; and EU Ambassador for Australia and New Zealand, HE Mr Sem Fabrizi.

The number of refugees, asylum seekers and internally displaced people has exceeded 50 million worldwide this year, according to the United Nations Refugee Agency.

To meet the social challenges this unprecedented volume of human displacement presents, UniSA launched the Hawke European Union Centre for Mobilities, Migrations and Cultural Transformations last month. The Centre will promote new research, debate policy choices, and promote cultural initiatives to protect human rights, to counter discrimination and to develop humane responses to migration and the rising numbers of displaced peoples globally.

Officially opened by former Australian Prime Minister Mr Bob Hawke, the Hawke EU Centre launch was also attended by EU Ambassador for Australia and New Zealand, HE Mr Sem Fabrizi. During his address, Mr Hawke said the new Centre will tackle some of the most critical human rights issues facing Australia and the world at large.

"This Centre will be an ideal place to bring together a global community of people – from both Australia and the EU – from scholars to policy makers, experts, specialists, local and national government groups as well as the wider public to generate this necessary dialogue and scholarship," he said.

Highlighting the importance of collaboration, EU Ambassador Mr Fabrizio said the Hawke EU Centre will pinpoint how the EU and Australia can work together to address the global challenge of human displacement.

“This Centre is particularly well placed and well timed. Every four seconds somewhere in the world a person is forced to flee his or her home due to conflict or natural disaster, including pandemics, as we can see in the case of Ebola,” he said.

“The research and work of this Centre, and its wide-reaching networks, can help to focus attention on this global challenge, and its social and cultural implications. The Centre aims to suggest solutions and pathways to generate new thinking and policy directions in response to the issues.”

The Hawke EU Centre will be led by acclaimed sociologist and literary theorist, Associate Professor Jennifer Rutherford. According to Assoc Prof Rutherford, the impetus to research current global challenges has never been more urgent.

“We’ll be working closely with our European colleagues and developing a multi-disciplinary approach across UniSA to tackle these issues,” she said.

“We are already living in an environment where more people are travelling and more quickly than at any other time in history.

“Coupled with global pressures from terrorism and counter-terrorism, disease and economic hardship and today we have more than 50 million people on the move worldwide - refugees, asylum seekers or internally displaced people.

“Our remit is to look at what pressures that instability and movement causes – the impacts on social cohesion, human rights, cultural development and change, nationhood and citizenship, and how those terms may be redefined, and ultimately how these cracks and shifts in global communities affect peace and stability.”

In collaboration with UniSA, the EU has funded the new Centre at the Hawke Research Institute, Australia’s largest social science and humanities institute.

For more information on the new Hawke EU Centre, go to their [website](#).

Global team to deliver UniSA’s Great Hall

An international project team will design the iconic new Great Hall at UniSA’s City West campus.

Announced last month, the team will be led by South Australian firm JPE Design Studio in association with Norwegian architecture firm, Snøhetta, working on its first Australian project, and will also include SA’s own JamFactory.



9/11 Memorial Museum designed by Snøhetta

The Great Hall has been conceived to transform on-campus life for students and will include sports facilities, a swimming pool, graduation and examination facilities, corporate, cultural and function facilities and a landscaped plaza. The construction will also feature public art incorporated into the design.

UniSA Vice Chancellor Professor David Lloyd said the project was being planned as the heart of the campus.

“We are aiming for an inspiring design that is architecturally expressive,” Prof Lloyd said.

“Most of all we want the Great Hall to be a place students will remember fondly long after they graduate and one which graduates will want to return to – it will be a place where achievements and milestones are celebrated.

“There will also be a unique opportunity for our graduate community worldwide to make their mark on the project through a special fundraising campaign which will be launched next year leading up to our 25th Birthday in 2016.”

The Great Hall will be fully integrated with other developments on the campus including the recently opened Jeffrey Smart Learning Centre and future student accommodation.

The proposed site is adjacent the Jeffrey Smart Learning Centre, currently occupied by the City West Child Care Centre (CWCCC) and former Cargo Club building, both of which are to be demolished following relocation of the CWCCC to new premises on University property.

Norwegian architecture firm, Snøhetta are behind the 9/11 Memorial Museum in New York City.

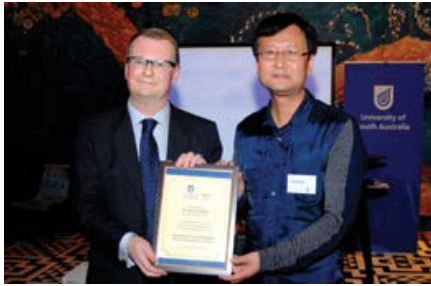
For more information, go the related [media release](#).

New Chinese alumni network launched in Beijing

More than 10,000 UniSA graduates in China now have an alumni chapter to call their own, after UniSA launched its China Alumni Association in Beijing last month under the umbrella of that nation's highly esteemed Western Returned Scholars Association (WRSa).

The new alumni network is the first in the Southern Hemisphere to have an alumni branch within the WRSa which celebrated its 100th anniversary in 2013.

UniSA Vice Chancellor Professor David Lloyd said it was a great honour to work with such a prestigious association which represents some of China's most achieved global graduates.



Deputy Vice Chancellor and Vice President Nigel Relph and inaugural UniSA China Alumni Association President Mr Qiao Luqiang.

"UniSA has played a significant role in the education journey for more than 14,400 scholars from China in the past 12 years and has established strong collaborative links with Chinese universities which we regard as important long-term relationships, including with Tianjin University, Shandong University and Beijing Normal University," Prof Lloyd said.

"The new alumni network across China will represent the wide range of UniSA's Chinese graduates from Bachelor degree programs in engineering, education, health, business and sciences, right through to those with MBA and PhD qualifications.

"It is through networks like this one that our relationship moves beyond being simply quality educators of students, to one that helps to nurture enduring understanding and friendship between China and Australia."

The new UniSA China Alumni Association will be headed up by inaugural President Mr Qiao Luqiang who graduated from the University with a Graduate Diploma in Arts Management and an MBA.

Now the Deputy Director of Executive Coordination Office at China's National Centre for the Performing Arts in Beijing, Mr Qiao continues to make extensive contributions to cultural exchanges between Australia and China. He says he is looking forward to playing an important role in the development of the new Chapter.

"Not only will the Chapter be a powerful network for alumni in China to tap into, but we also plan to host a number of events throughout the year, so that the education and support UniSA alumni receive continues long after they graduate," Mr Qiao said.

More than 50 alumni attended the event as well as a number of UniSA staff, including Deputy Vice Chancellor and Vice President Nigel Relph and Pro Vice Chancellor and Vice President (Business & Law) Professor Marie Wilson, and UniSA Council member Miriam Silva.

UniSA alumnus named SA/NT Pharmacist of the Year

UniSA alumnus Andrew Sluggett, who completed a Bachelor of Pharmacy in 2005, has been named SA/NT Pharmacist of the Year.

Since graduating Sluggett has gained experience as a clinical pharmacist and a cytotoxic and sterile manufacturing pharmacist at both the Royal Adelaide and Queen Elizabeth Hospitals.

Currently employed as the General Manager and Chief Pharmacist of CPIE Pharmacy Services – a community pharmacy, private hospital pharmacy and aseptic compounding facility, Sluggett is also Vice President of the Pharmaceutical Society of Australia (SA branch).



Andrew Sluggett receiving his award.

Sluggett's collaborative work with other health professionals and government organisations, fostering innovative models of pharmacy practice, has recently seen him securing a \$1.1 million collaborative research grant from the South Australian Government to investigate Hospital at Home care.

Sluggett says he firmly believes that pharmacists play a vital role within the health care team and the wider community.

"I am passionate about issues currently faced by the pharmacy profession, and value innovation and collaboration which will ultimately support expanded roles for pharmacists in our ever-changing health system," he says.

Sluggett says it was a nice surprise to receive the accolade, which was presented by Stephen Wade MLC, State Shadow Minister for Health and Ageing.

"I am very honoured and humbled to receive the award, and hope I can provide inspiration to other pharmacists to also continue contributing towards improving the profession," he says.

National teaching prize for alumnus

An education alumnus has been recognised nationally for his important contributions to science teaching and for taking it in new creative directions in and outside of the classroom.

Brian Schiller, a graduate of UniSA's antecedent institution – the South Australian College of Advanced Education, received the 2014 Prime Minister's Prize for Excellence in Science Teaching in Primary Schools, which was presented by Australian Prime Minister, the Honourable Tony Abbott MP in Canberra last month.

Schiller, who works at Seacliff Primary School in South Australia, was acknowledged for using science to enhance student learning in a range of curriculum areas. The innovative teacher recently developed a project which integrates science and the Japanese language through the creation of Japanese language-learning books that incorporate science activities the students have undertaken.

The combination was hugely successful and last year, the class involved in the project performed significantly better in Japanese than other classes at the school, who learnt Japanese without the science element.

On receiving the award, Schiller said it was recognition not only for him but for others, including his principal, colleagues and school parents, who had helped in his achievements at the school.

"I wouldn't have received this award if it wasn't for the amazing team I work with – particularly our school's principal, Mr Greg Miller, and deputy principal, Mr Scott Francis, who allowed me the freedom to stretch the boundaries, to think outside the box, and to make a mess in the classroom," he said.

"Receiving this award is a huge honour, but my greatest reward has always been in working with the children themselves, witnessing them interacting in wonder with the world around them and fuelling their high level of creativity and imagination."

Student wins community engagement award

For the second year running an international student from UniSA has won the 'Excellence in Community Engagement' prize at the South Australian International Student of the Year awards.

Malaysian born student Chee Wan Tan (Jerad) jointly won the prestigious award for his contribution to community work both locally and internationally. Jerad, who studied a Bachelor of Management (Marketing) degree at UniSA, says he was surprised to receive the honour.

"I didn't acknowledge my name being called until the MC mentioned Malaysia. I felt overwhelming and couldn't believe it," he says.

The community engagement award is presented to an international student for their involvement in volunteer work or community engagement in South Australia. Since arriving in Adelaide, Jerad has regularly engaged with the local community, volunteering at events such as Clean-up Australia, contributing to charities including World Vision Australia, and working at a local thrift shop.

"My goals in Australia include breaking cultural barriers, enhancing sustainable social engagement and promoting volunteering," he says.

"My principle aim is to inspire, encourage and empower people to serve together for a better future."

During his time at UniSA, Jerad was also an ambassador for UniSA's Global Experience (GE) program. As part of the program, he volunteered in Tanzania and Kenya to teach English, and also helped raise \$6,000 for WellWishers, an organisation building hand-dug wells in Ethiopia. Jerad attributes the GE program to helping him develop the capacity for personal and professional growth.



(L-R) Mr Greg Miller, Principal Seacliff Primary School; The Hon Tony Abbott MP, Prime Minister of Australia; Mr Brian Schiller, Prime Minister's Prize for Excellence in Science Teaching (Primary Schools) award recipient. Photo credit: Department of Industry.



(L-R) Education Adelaide board member, Sue Clearihan; UniSA student, Chee Wan Tan (Jerad); and Governor of South Australia, His Excellency the Honourable Hieu Van Le AO.

"When I enrolled into GE, the course matured me and extended my exposure to global understanding. The learning environment changed my perspective toward community engagement," he says.

While Jerad believes the award will build his confidence, he is also determined to remain humble. He hopes to continue on this path of community engagement by either studying a Masters in Social Work next year or working for a not-for-profit organisation back in Malaysia.

UniSA symposium puts spotlight on nutrition



(L-R) Dr Tom Wycherley, Professor Maria Makrides, Associate Professor Geraint Rogers (behind), Professor Robyn McDermott, Professor Berit Heitmann, Professor Robert Gibson, Professor Charles Mackay and Dr Catherine Itsiopoulos.

Exploring the role of nutrition in addressing the growing international diabetes (obesity and diabetes) crisis was the focus of symposium held at UniSA last month.

Nearly 100 people gathered at the South Australian Health and Medical Research Institute to hear from local, national and international experts at the 'Nutrition, chronic disease and the role of inflammation and the microbiome' symposium, hosted by the School of Population Health's Professor Kerin O'Dea and Professor Robyn McDermott.

Prof McDermott said the symposium brought together researchers from a range of fields to explore ways to tackle the growing diabetes crisis.

"There seems to be more confusion than ever about what to eat. This symposium produced some exciting prospects for research which can potentially have a direct impact on our current diabetes crisis," she said.

"The human body is host to a wide variety of bacterial, fungal, viral and archaeal microbes on the skin, in the mouth and in the gut. These microbes help with food digestion and maintenance of the immune system.

"A better understanding of these microbes and the impact of different foods on human health will involve greater collaborative efforts from different disciplines including immunology, microbial ecology, biochemistry, clinical epidemiology, public health and economics.

"We were lucky to learn from several esteemed researchers in these areas at the symposium, including immunologist Professor Charles Mackay and molecular microbiologist Associate Professor Geraint Rogers."

As part of the symposium, UniSA's Sansom Institute for Health Research hosted a presentation by Professor Berit Heitmann from the University of Southern Denmark, whose expertise includes dietary intake and the determinants and consequences of obesity.

Prof Heitmann discussed the 'D-tect study', a large cohort study investigating the impact of compulsory Vitamin D fortification in margarine and milk in Denmark on a number of chronic diseases including type 1 diabetes and schizophrenia.

For a full wrap-up of the symposium, go to the following [website](#).

[top^](#)

news

August 2016

> from the University of South Australia



INSIDE UNISA

Gala celebrates 25 years of enterprise

Bathed in UniSA blue, the 25th Birthday Gala Dinner at the Adelaide Convention Centre certainly reflected the generosity and warmth of the University community. [more](#)



HEALTH

SA first partnership for specialist health research and education [more](#)



COMMUNITY

Marathon marvel: Jess Trengove prepares for Olympic run in Rio [more](#)



SCIENCE AND TECHNOLOGY

Academics do want to engage with business, but need more support [more](#)



INSIDE UNISA

From the Vice Chancellor [more](#)



INSIDE UNISA

The latest achievements and announcements [more](#)



INSIDE UNISA

Highlights from the Media Centre [more](#)



SCIENCE AND TECHNOLOGY

Joint Automotive Innovation Centre at UniSA [more](#)



HUMANITIES

Translating Aussie rules for Chinese viewers [more](#)



COMMUNITY

Virtual reality experience at Open Day [more](#)



BUSINESS

Global MBA students learn wine marketing with UniSA [more](#)



RESEARCH SPOTLIGHT

CCTV: who can watch whom under the law? [more](#)



ART AND DESIGN

Electronic music pioneer John Foxx performs at UniSA [more](#)



VIDEO HIGHLIGHTS

See what's been happening in 2016 [more](#)



IN PICTURES

UniSA's 25th Birthday Gala Dinner and O-Week [more](#)

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[top^](#)

- UniSANews
- Archives

Contacts

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Please note that there may be links to pages that no longer exist



2016

- July
- June
- May
- April
- March
- February
- January

Older issues

2015

- December
- November
- October
- September
- August
- July
- June
- May
- April
- March
- February

2014

- December
- November
- October
- September
- August
- July
- June
- May
- March
- February
- January

2013

- December
- November
- October
- AugustSeptember
- July
- June
- May
- April
- FebMarch
- Summer Edition

2012

- December
- November
- October
- Jeffrey Smart
- August/September
- July
- June
- May
- April
- March
- February

2011

- December
- November
- October
- September
- August
- July
- June
- May
- April
- March
- February

2010

- December
- November
- October
- September
- August
- July
- June
- May
- April
- March
- February

2009

- Summer
- October
- September
- August
- June
- May
- April
- February-March

2008

- Summer
- October
- September
- August
- June
- May
- April
- February-March

2007

- Summer Edition
- November
- September
- August

2006

- Nov/Dec
- October
- September
- August

2005

- November
- October
- September
- August

2004

- Nov/Dec
- October
- September
- August

June May April February	July June May April February	July June May April February	July June May April February
2003 Nov/Dec October September August July May April March February	2002 Nov/Dec October September August July May April March February	2001 Nov/Dec October September August July June May April March February	2000 December

[top^](#)

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[top^](#)

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1

2

3

4

5

6

7

8

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02
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06
OCT

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05
NOV

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11
NOV

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22

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Trumpeting the new James Morrison Academy of Music

[Back to story index](#)

by Will Venn



INSIDE UNISA

Musician and Adjunct Professor James Morrison with Vice Chancellor Professor David Lloyd.

The announcement that James Morrison and UniSA will establish the James Morrison Academy of Music in Mount Gambier was heralded with a trumpet fanfare by the great jazz musician himself at a special launch event in October.

The partnership between Morrison and UniSA, backed by funding from the State Government and additional support from the City of Mount Gambier, will result in a UniSA Diploma and Associate Degree in Music being taught in Mount Gambier from 2015, with the aim of offering a full Bachelor of Music degree program from 2016.

Describing Morrison as a virtuoso, UniSA Vice Chancellor Professor David Lloyd said the new Academy would benefit students studying music while boosting the region's musical reputation.

"It will give students the opportunity to learn from some of the very best musicians in the world and will position Mount Gambier as the centre for jazz excellence in Australia," Prof Lloyd said.

"James will become an Adjunct Professor of UniSA and a Professorial Fellow and the Academy will draw on his unrivalled network of top professional musicians worldwide to form the faculty as well as a core of staff based in Mount Gambier."

The Generations in Jazz Festival, which is staged annually in Mount Gambier, has resulted in thousands of South Australian school children learning to play jazz over the past two decades.

Morrison's involvement with that festival means Mount Gambier already has a strong pedigree for music education, but Morrison believes the opening of the new Academy will take that to another level.

"This is the next step, taking this into the tertiary realm, where people can come and finish their music studies in Mount Gambier," Morrison said.

"The Academy will provide opportunities for students to not only learn about music but also learn how to make music.

"The way this partnership came about is very jazz; it's about collaborating with the members of the band, and that's what's happened here.

"UniSA, the State Government, the City of Mount Gambier council – they all said this is a great idea, let's do it, we'll work out how to make it happen. And it has been worked out, and it is happening."

The value of the Academy, like Morrison's music, is expected to resonate far beyond Mount Gambier's borders, with South Australian Premier Jay Weatherill describing its national significance at the launch event.

"Mount Gambier will become the centre of jazz in our nation. It's incredible for South Australia," Premier Weatherill said.

"UniSA is one of the most progressive and dynamic institutions we have in South Australia; you only have to look around to see what they are doing to the physical fabric of the State – now they are making this extraordinary contribution to the academic offering.

"This Academy will be cutting-edge, employing innovative techniques which will provide wonderful impetus to attract people to South Australia and Mount Gambier."

For more information, see the related [media release](#).



(L-R) Geoff Brock MP, Minister for Regional Development; Steve Perryman, Mayor, City of Mt Gambier; James Morrison, UniSA Adjunct Professor; Jay Weatherill, South Australian Premier; and Professor David Lloyd, UniSA Vice Chancellor.

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[top^](#)



UniSA's Professor Tanya Monro appointed to national Science Council

[Back to story index](#)

by Rosanna Galvin



INSIDE UNISA

More people with PhDs should work outside academia, according to new UniSA Deputy Vice Chancellor: Research and Innovation (DVC: RI) Professor Tanya Monro, who has just been appointed to the Commonwealth Science Council.

Prof Monro will play a pivotal role in the future of science, technology and innovation in Australia as one of only 10 members appointed to the Council, which was established by the Federal Government to be the pre-eminent body for advice on science and technology in Australia.

According to Prof Monro, who currently also holds an Australian Research Council (ARC) Georgina Sweet Laureate Fellowship, the Council will develop new ways of lifting Australia's competitiveness through science.

"The Council's role spans from restoring the focus on science and maths in our schools to driving the economy of the future by improving the connectivity between our research organisations and industry," she says.

"I would like to see an ecosystem developed in which more of our science graduates and people with PhDs work outside academia. Our companies need support in engaging with our research capacity.

"We also need to partner entrepreneurs with our students and researchers to increase our understanding of how we can get clever ideas out of the lab and into the real world."

Prof Monro says research organisations partnering with industry is critical, and only by academia and industry working together will Australia gain a globally competitive edge.

"Some universities already recognise the importance of industry and research partnerships and here at UniSA, where our vision is to be the Enterprise University, partnering with industry is one of our core values," she says.

"This is where we need to be going as a country – we need to encourage, foster and recognise these partnerships.

"Over the past five years the Excellence in Research for Australia process has gone some of the way, sharpening Australia's focus on the importance of research. This has been a brilliant way of prioritising areas of strength and fostering critical mass in the country and in individual universities.

"What I think we need to do now is to recognise research teams with strength in working with industry and delivering impact. This is an area in which we have a lot of potential for improvement, and this focus will help our nation to grow its capacity to create high-value jobs and create future industries."

With a global decline in the number of young people choosing to pursue careers in science, technology, engineering and mathematics (STEM), Prof Monro also stresses the importance of getting a diverse range of students engaged in the field.

"We need to improve the numeracy of our children and we need to encourage capable, science-trained young people to become teachers," she says.

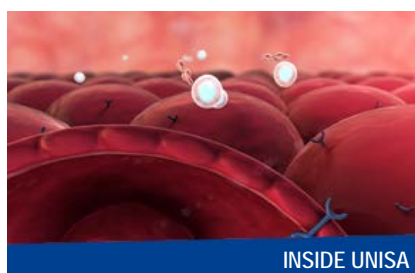
"One way of achieving this is by increasing the diversity of students participating in STEM. An obvious area where there is a gap is women in science, and another area is Indigenous participation.

"As long as we have low participation from these groups, we are losing opportunities to ensure our best young minds are engaged in creating our future through science, technology and innovation."

In what has been a huge few months for Prof Monro, the researcher has also been named the winner of the 2014 Australian Optical Society WH (Beattie) Steel Medal in recognition of her leadership and significant contribution to the field of optics, particularly in the realm of micro-structured optical fibres constructed from a variety of glass materials.

Winners of the prestigious award must have a strong and sustained record of authority, enterprise and innovation in the field of optics. Prof Monro's work in optical physics has led to the development of new forms of optical fibres for use in telecommunications, biology, health, food and wine production, and the environmental monitoring and defence industries.

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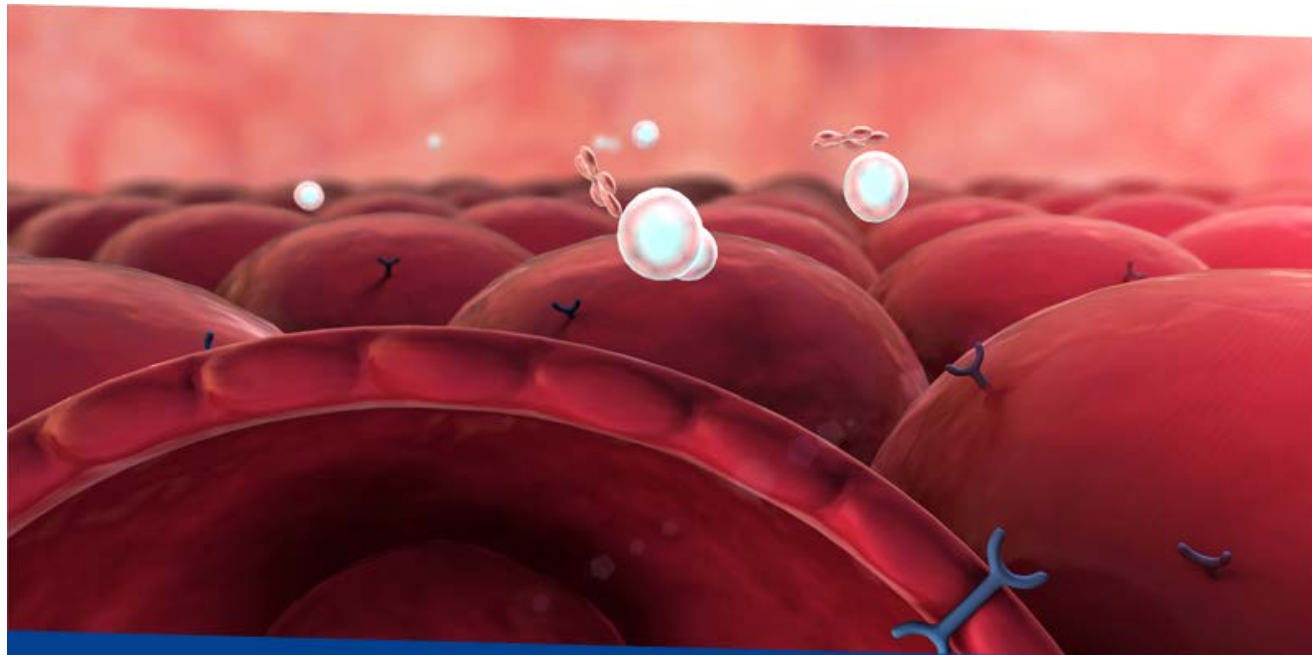
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[top^](#)

Project to tackle diabetes epidemic awarded nearly \$2.5m

[Back to story index](#)

by Rosanna Galvin



INSIDE UNISA

The latest figures from the World Health Organisation indicate we are facing a diabetes epidemic, with nearly 350 million people affected worldwide. And according to UniSA Professor Alex Brown, indigenous populations around the globe shoulder a disproportionate burden of this chronic disease.

Prof Brown (pictured right), who is the leader of the Wardliparingga Aboriginal Research Unit at the South Australian Health and Medical Research Institute (SAHMRI), received nearly \$2.5 million in funding from the National Health and Medical Research Council (NHMRC) last month to lead a large-scale project to investigate Australia's own diabetes epidemic, taking place in the Aboriginal and Torres Strait Islander population.

In the latest NHMRC round, UniSA researchers were also successful in winning an early career research fellowship, two career development fellowships, and five other major project grants, totalling more than \$6.8 million in funding.

The diabetes project, which includes researchers from Baker IDI Heart and Diabetes Institute, Flinders Medical Centre, SAHMRI, and the University of Copenhagen, will establish a large cohort of Aboriginal and Torres Strait Islander people and explore the burden, natural history and complications of Type 2 diabetes.

"Chronic disease such as diabetes is our fundamental health challenge and the number one contributor to the life expectancy gap between non-Indigenous and Indigenous Australians," Prof Brown said.

"In Australia, up to 30 per cent of Aboriginal and Torres Strait Islander people have Type 2 diabetes, and in many



Professor Alex Brown.

communities more than half of all adults over the age of 50 are affected.

"We want to learn more about the factors that cause diabetes and its complications."

The project will follow a large number of Aboriginal and Torres Strait Islander people at risk of diabetes with the aim of uncovering the drivers of the disease, including looking at whether psychosocial factors such as depression might play a role. Those who already have diabetes will be assessed for complications.

"In the final stages of the project we want to explore the ability of social, clinical, behavioural and genomic markers to explain disease progression so that we can implement appropriate and effective interventions to address this critical issue," Prof Brown said.

"Resources are often directed at acute care, but what we really need is a healthcare system that supports preventative programs and primary care, which are often best implemented at the community level by Aboriginal and Torres Strait Islander organisations."

Speaking on the University's NHMRC success last month, UniSA Vice Chancellor Professor David Lloyd said he was delighted to see the strength of growth in health and medical research at UniSA.

"The great work being done at our University to combat some of the big killers such as cancer, cardiovascular disease and diabetes cannot be underestimated," Prof Lloyd said.

"I'm really pleased to see support coming also to specialist researchers in areas such as epilepsy, where we have people doing ground-breaking research into the hereditary factors of that illness and to new frontiers that employ nanotechnologies to improve diagnostic tools for cancer and other diseases.

"And it is an enormous recognition of both the seriousness of the problem, and also hope for a solution, that Prof Alex Brown and his team at UniSA's School of Population Health have secured almost \$2.5 million for research into diabetes in Aboriginal people.

"I want to congratulate all of our successful researchers but also to thank all of those who have submitted applications."

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The uncharted journey to success

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by Rosanna Galvin



COMMUNITY

South Australia's Telstra Young Business Women of the Year, Jo Schneider.

In the 10 years since graduating from UniSA, Jo Schneider has been a trailblazer, moving from a career in mechanical engineering to become a self-proclaimed 'serial entrepreneur'. This year she was named South Australia's Telstra Young Business Woman of the Year.

Schneider was one of three members of the UniSA community recognised at the South Australian Telstra Business Women's Awards last month. Public servant Erma Ranieri, an alumna of UniSA's antecedent institution the South Australian Institute of Technology, took out the title of 2014 SA Telstra Business Woman of the Year while Director of Strategic Development for UniSA Business School, Dr Karen Nelson-Field won the Business Innovation Award.

For Schneider, the award recognised a journey which has seen her build a successful career as a mechanical engineer before taking the plunge and starting her own business importing animal therapeutics in 2008. She later joined forces with her mother to develop DVE Business Solutions and is currently director of both companies.

Schneider is the first to admit her path has had its challenges but it's what she's learnt along the way – including the hard lessons and the setbacks – that has got her to where she is today.

"When I started my own business in 2008, I forecasted projections based on 10 years of exchange rates and then the dollar crashed to a 30-year low. It wasn't what I planned but it gave me the opportunity to try another business endeavour with DVE Business Solutions," she says.

"Even though DVE Business Solutions has been very successful, it has thrown up its own set of challenges. Just after I took over management of the business in 2013, budget cuts in our primary sector meant my plans for growth were sidelined and my focus turned to just surviving.

"When it comes down to it, it's all about learning – you have to be willing to learn, and to keep learning, because

you can get something out of every situation even if it isn't obvious straight away."

Fellow winner Ranieri, who is the Commissioner for Public Sector Employment and Chief Executive of the Office for the Public Sector in South Australia, echoes Schneider's sentiments about the importance of the journey.

Ranieri, who has previously worked as the Manager of Human Resources Services at UniSA, has had a successful 30-year career helping workplaces optimise productivity and employee wellbeing.

"These days we want everything, and we want it now, but it's the journey, and the things you learn along the way, that are important," she says.

"When I was in my twenties I thought I knew everything, but in fact the depth of knowledge and patience and humility that I've got now, just wasn't there back then. You have to be kind to yourself and allow yourself to take that journey and treat it as a learning curve.

"You will learn the most from the setbacks. They won't be fun, they won't be easy, and sometimes they'll be physically and emotionally draining, but it was the tough spots in my career that taught me the most and made me appreciate every moment."

Dr Nelson-Field adds that reflecting on your own journey can give you an opportunity to see how the choices you've made can change the direction of your life. Dr Nelson-Field's own story - from a teenager who left high school early to a successful researcher, author and business woman - demonstrates just that.

"Steve Jobs said that you can't connect the dots looking forward; you can only connect them looking back. Receiving this award has given me a chance to reflect on my own dots and what has led me to this very point," she says.

"The 15-year-old me wouldn't have thought I'd be standing here as an innovator in my field. She had no idea she could choose her own life.

"I hope my story can encourage other people to trust in their dots - even if their dots in life can be challenging roadblocks - and to jump over them and choose the direction of their own life."

While they are all different, Schneider, Ranieri and Dr Nelson-Field's stories share a common thread: each step taken, whether it be encountering a roadblock or receiving an award, is an important part of the journey to success.

All three are now finalists in the National Telstra Business Women's Awards, which will be announced later this month.

You can view all the Telstra Women's Business Awards acceptance speeches on [YouTube](#).



Commissioner for Public Sector Employment and Chief Executive of the Office for the Public Sector in South Australia, Erma Ranieri.



Director of Strategic Development for UniSA Business School, Dr Karen Nelson-Field.

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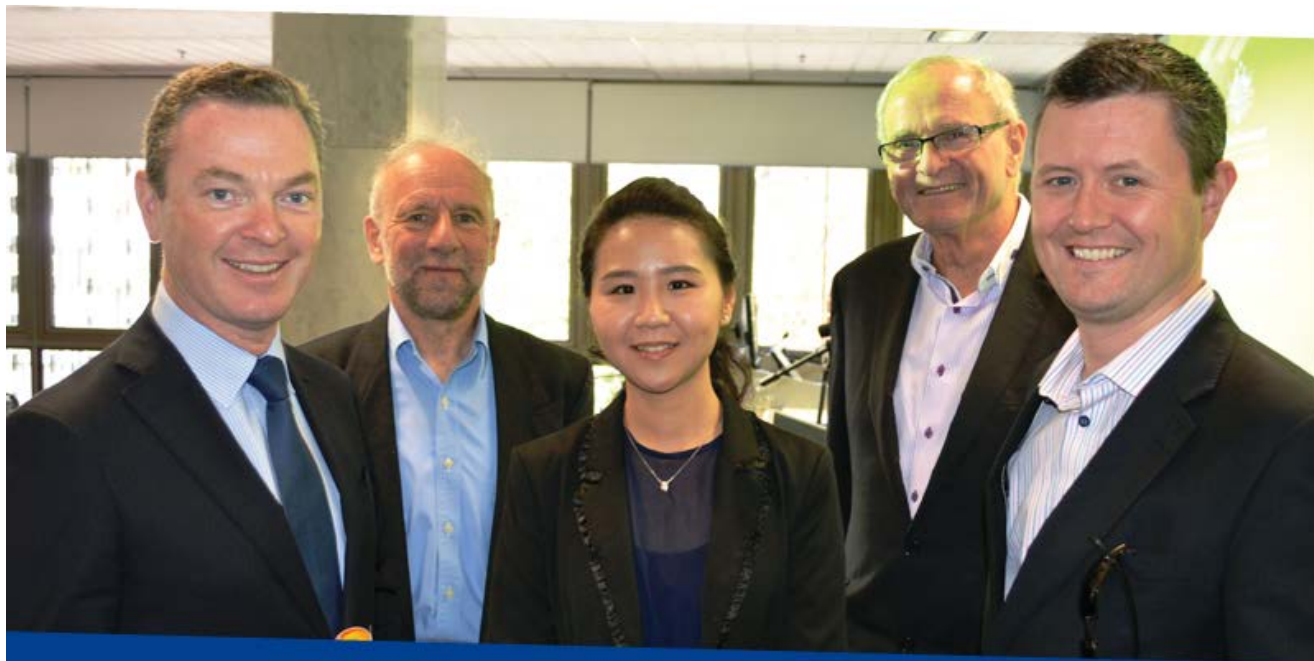
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ARC funding boost for early career research

[Back to story index](#)

by Will Venn



INSIDE UNISA

(L-R) Federal Higher Education Minister, Christopher Pyne; Discovery Project award recipient, Professor Hans Griesser; Early Career Researcher award recipient, Dr Chia-Chi Chien; Outgoing Deputy Vice Chancellor: Research and Innovation, Professor Richard Head; and UniSA Vice Chancellor, Professor David Lloyd.

Improving the allocation of water resources, preventing fungal infections, and educating students for global citizenship are the aims of just some of the UniSA research projects to have received a funding boost from the Australian Research Council (ARC).

The latest round of ARC grants, which were announced by the Minister for Education, the Hon. Christopher Pyne MP, in Adelaide, will see nine UniSA researchers gain funding support, including three early career researchers (ECR), five Discovery project researchers, and a linkage infrastructure grant recipient, Professor Namita Choudhury.

Minister Pyne said that offering funding opportunities for young researchers would build their careers while adding to Australia's innovation base.

"If Australia is to keep up with the rest of the world, we must invest in our young researchers, to provide them with the resources to become internationally competitive," Minister Pyne said.

UniSA ECR recipient, Dr Chia-Chi Chien, said the \$375,000 grant, would open the door on her area of research.

"I am very pleased to be granted such a prestigious award. This funding will enable me to develop complex models of solid tumors in the laboratory," Dr Chien said.

"Most of the current cancer research is conducted using a plastic Petri dish, which does not mimic the complex environment experienced by tumor cells inside the body. On the other hand, animal studies are widely used but these raise ethical concerns and also do not enable real-time observation of live tumors.

"My project will bridge this gap and work towards providing a novel way to observe not only the growth of solid

tumours but also their response to treatments.

“Ultimately, I hope that my research will help biologists to better understand the growth and development of cancer as well as providing new ways to screen for more efficient treatments.”

UniSA Vice Chancellor, Professor David Lloyd said it was encouraging that three of the University’s early career researchers would be given support to advance their projects.

“Our success and growth as a University is aligned to the strength and support afforded to our early career researchers,” Prof Lloyd said.

“It is a highly competitive research environment and to succeed in securing this level of funding is testament to the skill and dedication of our researchers and the quality of their research.

“The investment into these nine projects is recognition of the world-class quality of UniSA research and the ability that research has to add positive value to our society.”

Discovery Early Career Researcher Award recipients:

Dr Chia-Chi Chien: Awarded: \$375,000 to develop advanced in vitro tumour models aimed at examining the delivery and transport of diagnostic and therapeutic nanomedicine agents in tumour tissues.

Dr Adam Loch: Awarded: \$374,000 for research designed to help identify barriers to water reallocation efforts and to suggest priority areas for policy innovation to meet supply and demand challenges.

Dr Andrew Peterson: Awarded: \$336,027 for a project that will see qualitative research methods being used to determine teachers' work and students' experiences, to provide the first detailed account of educating students for global citizenship in Australian schools. The findings are expected to contribute to educational policy and practice, both in Australia and internationally.

Discovery Projects Grant funding recipients are:

Professor Alexander Grant: Awarded: \$435,500: Project title: Coding for Distributed Storage: Fundamental Limits and Code Designs

Professor Hans Griesser: Awarded: \$355,500: Project title: Combating fungal biofilm growth on surfaces

Associate Professor Susan Luckman: Awarded: \$315,100: Project title: Promoting the making self in the creative micro-economy

Associate Professor Krasimir Vasilev: Awarded: \$329,900: Project title: Surface Engineered Biomaterials to Control Inflammation

Professor Nicholas Voelcker: Awarded \$363,000: Project title: Closing the data gap: High throughput screening of nanoparticle toxicity

A Linkage Infrastructure grant totalling \$290,000 is being awarded to **Professor Namita Choudhury**, of the Ian Wark Research Institute, whose proposal is to establish a South Australian facility that will allow researchers to visualise and analyse structure at nanoscale resolutions. The new SA collaborative facility would be designed to meet the demands of a large number of innovative projects conducted by multidisciplinary groups of researchers.

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From fringe to mainstream: the future of alternative medicine

[Back to story index](#)

by Rosanna Galvin



HEALTH

While fish-slapping and crystal healing might spring to mind when you hear the words ‘alternative medicine’, in reality the field of complementary and alternative medicine (CAM) encompasses a much wider range of treatments, many of which you might already be using.

In fact, evidence indicates that as many as two-thirds of Australians use some form of CAM, whether it be massage, meditation, herbal medicine or nutritional supplementation. So why does the field remain on the fringe of the Australian healthcare system?

According to UniSA researcher Dr Matthew Leach, it's all about the evidence base. While historically many CAM practices lacked the strong scientific evidence to confirm their safety and effectiveness, he says that is rapidly changing.

“There is a growing evidence base for a number of CAM practices and those practices – such as acupuncture, meditation and herbal medicine – could complement the largely conventional medicine-based system in Australia,” he says.

“I hope Australia can move to a more integrated healthcare system in the future, a system that incorporates both the best elements of conventional and CAM practices.

“Right now we use a conventional model, where the GP is the first and often only point of contact. What I would like to see is a team approach that gives a greater range of options to people – because a healthcare system should centre on people’s needs.

“I started my career in nursing and quickly realised there was a large gap in addressing people’s needs – particularly in areas like wellbeing, pain and chronic disease management. That’s where CAM may play a big

part, complementing conventional treatment.

“In my research, I am working towards justifying a place for CAM in the general healthcare system. In most cases in Australia, CAM is still considered fringe, whereas in other countries – like the United States and China – CAM is far more integrated into the healthcare system.”

Dr Leach’s research focusses on a number of areas, including understanding how the current CAM workforce delivers treatments, and improving CAM practitioners’ awareness and uptake of evidence-based practice so the treatments they provide are based on the best available evidence.

Based at the School of Nursing and Midwifery, Dr Leach also contributes to the evidence base of a number of CAM practices, including aromatherapy’s role in behavioural management, the efficacy of herbal medicine for gingivitis, and investigating whether meditation can improve the lives of carers of dementia sufferers.

“The primary issue with CAM is safety and effectiveness. My aim is to address these issues and to see how we can help practitioners to deliver evidence-based practices to Australian consumers,” he says.

Dr Leach was recently named a Fellow at the Australian Research Centre in Complementary and Integrative Medicine based at the University of Technology Sydney.

One of only 12 researchers to be selected from a highly competitive field of national and international applicants, Dr Leach will participate in a world-first, three-year program which brings together the best and brightest rising stars in the emerging field of CAM.

As well as developing the fellows’ leadership capabilities, the program will play an important role in forming strong international research collaborations in the field of CAM.

What is complementary and alternative medicine?

According to Dr Matthew Leach, defining the CAM field is one of the key problems researchers and practitioners face. As a guide, Dr Leach says the field encompasses five main areas:

- System-based therapies, such as naturopathy and traditional Chinese medicine
- Manual therapies, such as chiropractic and massage
- Energetic therapies, such as Reiki and therapeutic touch
- Mind and body therapies, such as yoga, tai chi and meditation
- Biological therapies, such as herbal medicines and nutritional supplements.

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The leading design

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by Rosanna Galvin

It's been a successful few months for industrial design students, graduates and academics from UniSA's School of Art, Architecture and Design, who have been well-represented in local and national design awards and exhibitions. Find out more about their recent achievements in our special design feature below.

Life-saving medical training aid impresses at Design Awards



The cricotrainer being used by a medical professional.

In some emergencies, medical professionals can come across a patient whose airway is blocked. When a patient can't breathe through their normal airway, medical professionals are forced to use cricothyrotomy, a process which involves inserting a tube into a patient's throat via their Adam's apple to create an alternative airway to ultimately save their life.

It's a procedure you may have seen in the movies or on TV but imagine trying to teach that process to medical and paramedic students. UniSA industrial design graduates Robert White and Daniel Weiss did just that and came up with a medical training aid that is set to dramatically improve the way the procedure is taught.

Developed during 2013 in partnership with UniSA's commercial arm, ITEK, the cricotrainer device (pictured above) has recently won the Premier's Design Award at the 2014 South Australian Design Awards.

The cricotrainer, which was also a national finalist in the Dyson International Design Awards recently, will soon be manufactured by medical task training company VBM Medizintechnik in Germany.

A number of students and a UniSA staff member were also recognised in the 2014 SA Design Awards, including:

- Phillipa Campbell – Gold in the Built Environment Panel 1 (Student) category
- Ebony Mattschos – Silver in the Built Environment Panel 1 (Student) category
- Katherine Donaldson – Gold in the Built Environment Panel 2 (Student) category

- Robert White – Gold in the Object (Student) category
- Lecturer Andrew Wallace – Commendation in the Object category

Eyes on the future



(L-R) Patrick Shephard's winning design and Ya Feng's winning design. Photos by student Rosina Possingham.

The future of optical design was on display last month when 12 eyewear creations by UniSA students were exhibited at Health Partners Optical's flagship store in the Adelaide CBD.

UniSA industrial design and jewellery students put forward 35 concepts for the exhibition 'Eyes on the Future' with 12 designs chosen to be displayed. At the end of the month, a People's Choice Award and a Judges' Choice Award were announced and were won by industrial design student Patrick Shephard and jewellery student Ya Feng respectively.

People's Choice winner Ya said it was a fantastic experience to work to a real-life brief and see her design on display in a retail environment.

"As a visual artist it was a bit different to work on a design that might be manufactured and sold through a retail store. But we bring to the project our experience on how jewellery is worn on the body and the different materials that can be used in a creative way. So it was very exciting to take on this kind of project," she said.

"I came up with my design by observing that people like to push their sunglasses to the top of their head when they aren't wearing them - sometimes people even use them to hold their hair back. So the idea came about of a kind of combination of 'Alice band' (a horseshoe-shaped headband) and eyewear."

The UniSA students spent two months developing a customer profile, sketching, and designing their eyewear. They used a range of techniques, including 3-D printing, laser-cutting and materials such as plastics, wood and metals, to create the finished product.

While the designs this year are for display only, Health Partners Optical's General Manager: Optical and Provider Relations, Marissa Galatis said options for manufacturing winning designs might be explored in the future.

"This year has been the first year of a really inspiring collaboration but we hope that in future years, the potential for winning designs to be manufactured could be explored, through an expansion of the partnership, which could involve a local manufacturer," Galatis said.

"We're delighted with the enthusiasm with which the students and lecturers have embraced the project and we were extremely impressed by the creative talent displayed. We're in good hands if these are the future designers of tomorrow."

Exhibition puts spotlight on car design



The exhibition 'Skin Deep: Why do cars look the way they do?'

A new exhibition, curated by two UniSA academics, is highlighting the range of factors that can influence how your car is designed.

The exhibition 'Skin Deep: Why do cars look the way they do?', curated by UniSA Industrial Design Program Director Dr Peter Schumacher and colleague Daniel McLean, will be on display at the National Motor Museum in Birdwood until December 12.

When the Museum approached the lecturers from UniSA's School of Art, Architecture and Design about putting together a new exhibition on a theme of their choice, Dr Schumacher says they jumped at the chance.

"We decided to select cars that demonstrated important factors that inform the shape of products and cars. For example, the external appearance of cars is the outcome of a number of considerations such as aerodynamics, as well materials available and consumer preferences," he says.

"We conducted research into the design and history of a number of cars – we wanted to find interesting stories that showed how designers identify and manage various forces that come into play when creating the shape of a car or any mass-produced product.

"In the end, we selected a set of 10 cars that told a range of different stories but ultimately demonstrated the theme of design. As a result we have beat up Series 1 Land Rovers next to a Ferrari, and a Monaro next to a Volvo. In many ways, the cars don't look related but from a design perspective they give different points of view on how design operates."

For more information on visiting the National Motor Museum, go their [website](#).

Novel gaming controller clocks up another win



The winning project team.

UniSA graduate Max Hughes, who designed the award-winning novel gaming controller that lets people with cerebral palsy play computer games, can add another string to his bow after the controller received a commendation at the South Australian Engineering Excellence Awards last month.

Hughes developed the original concepts for the game controller while completing his Master in Design at UniSA and went on to work with researcher David Hobbs at Flinders University to further develop the controller during 2013.

The project team, which includes members from Flinders University, Women's and Children's Health Network, and UniSA, received the commendation in the Innovation/Research and Development category.

You can read more about Hughes' game controller in the April 2013 edition of [UniSA News](#)

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[top^](#)



The disappearing nutrient at the centre of global food security

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by Rosanna Galvin



SCIENCE AND TECHNOLOGY

PhD candidate Kenneth Mbene conducting soil testing in the lab at CERAR.

Oil, gas, coal – the finite use of these natural resources is well documented and organisations, companies and institutions around the world are racing to harness alternative energy sources.

Meanwhile researchers at UniSA's Centre for Environmental Risk Assessment and Remediation (CERAR) are investigating a lesser-known but equally critical finite resource – phosphorus – a key agricultural nutrient which has no alternative source.

Time is running out according to CERAR's Chair in Environmental Science, Professor Nanthi Bolan, who says the world could see a food security crisis in the near future due to the decline in phosphorus availability. Sourced from phosphate rock, the nutrient is currently added to soil in the form of fertiliser, which all modern agriculture systems depend on.

The Centre's research focusses on developing new ways to manage soil fertility and crop nutrition, reducing fertiliser losses, and investigating new options to recycle nutrients such as phosphorus.

"Phosphorus is essential for life. Without it our crops would fail – no phosphorus, no life. Yet this precious nutrient is often wasted in existing agricultural practices, running off into surface water or leaking into groundwater," Prof Bolan says.

"While other non-renewable resources such as oil can be replaced by other energy sources, there is currently no substitute for phosphorus in food production. It can't be produced or synthesised and without it, we can't produce food.

"The good news is that phosphorus can be captured and recycled and this is the area we are focussing on. One

option, for example, is through animal manure management. Poultry manure is rich in plant nutrients including phosphorus.

“We are currently exploring new treatment technologies that can reduce the volume of this manure and at the same time increase nutrient content so that it could be reused in agricultural and food industries.”

Established in 2002, CERAR is globally renowned for its leading-edge environmental contamination research. This year, the Centre hosted visiting scientist and PhD candidate Kenneth Mbene, who will take what he’s learnt from UniSA’s expertise in the field back to his home country of Cameroon, a nation that faces its own food security challenges.

Funded through the Crawford Fund, Kenneth’s time at UniSA was spent learning techniques to analyse phosphorus dynamics, which will determine the types of phosphorus that exist in Cameroonian soils.

“The only way to improve food security, not only in Cameroon but in the whole world, is by improving the way we manage fertilisers,” Kenneth says.

“We have to be particularly careful in Cameroon because most Cameroonian soil is from a volcanic origin and is phosphorus deficient, meaning we have to supplement the soil with fertilisers.

“My thesis will aim to characterise the soils in the Mount Cameroon region and then investigate the impact of a range of phosphate application practices used by current farming systems in Cameroon.

“I hope my research will be able to provide advice to both Cameroonian farmers and the government. My research training at UniSA, which is supported by the Crawford Fund and supervised by Prof Bolan and Dr Balaji Seshadri, has been very useful and the results I have obtained here will constitute two chapters in my PhD thesis at home.”

Kenneth is undertaking his PhD at the University of Buea in the Southwest Region of Cameroon.

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Students put their strength behind community fitness program

[Back to story index](#)

by Rosanna Galvin



INSIDE UNISA

UniSA students Michael Contibas, Fiona Tselentis and Tayla Haslam.

Focussing on what you can do instead of what you can't is the main message UniSA student Fiona Tselentis has taken home from her final-year human movement placement, where she has been working with clients aged over 50.

Fiona and fellow UniSA students Tayla Haslam and Michael Contibas have been working at well-known community fitness program Strength for Life (SFL). Run by the Council on the Ageing (COTA), and funded by SA Health, the program offers strength and balance classes for people aged over 50 at more than 80 locations across South Australia.

This year, 15 UniSA students undertook placements with SFL and six students who completed SFL training last year have already secured employment with the program. Fiona, who will finish her placement this month, says SFL offers a rewarding environment for students to learn in and contribute to.

"It has been incredibly useful to learn more about how older adults exercise," Fiona says.

"At first, I was nervous to work with people who might be a bit wobbly or have some sort of injury, or appear to be fragile, but I quickly realised there is so much everyone can do. There are a whole range of exercises out there and it's about finding the right ones for you and just trying different things."

Fellow student Tayla also speaks highly of her experience at SFL, saying the chance to work directly with clients has seen her confidence soar.

"I've been able to have first-hand experience at a place I want to be when I graduate," she says.

"We weren't just sitting in the corner observing – by the second or third session, we were up the front of the

class, delivering the warm-ups and cool-downs. We also get to work one-on-one with the clients, who all have different needs and varying abilities.”

After graduating, Tayla and Fiona plan to work as exercise physiologists, an emerging occupation that involves prescribing exercise to help manage a number of chronic conditions such as diabetes.

Tayla will graduate from the four-year Bachelor of Exercise Physiology next year, while Fiona is wrapping up a Human Movement degree this year with plans to then complete a Graduate Diploma in Exercise Physiology.

Meanwhile Health Science student Michael has also been undertaking a placement at SFL, working in a behind-the-scenes role in the lead up to the program’s 10-year anniversary celebration, which takes place this week.

The third-year student says his work placement has been a chance to apply his skills to a real-life situation, and reaffirms his plans to move into the area of public policy and health after graduation.

“I’ve been able to really hone in on my project management skills in a health industry setting,” he says.

“At university I think we gain a lot of the skills we need in the workplace, but it’s during placements and work experience that we’re able to bring out those skills and put them into practice.

“When I graduate at the end of the year, I would love to continue working either in a not-for-profit organisation or government department, running programs like SFL that improve community health and wellbeing.”

SFL Project Manager Jeanette Richards says the program benefits greatly from the students’ contributions.

“We’ve had some terrific students come through SFL on work placements and some of them even come back as employees,” she says.

“The clients love having the students around and it gives instructors the chance to offer additional one-on-one training to clients who have more complex needs.

“The degrees these students are undertaking really meet the needs of our industry, so while we offer a great learning experience for them, it also gives us a chance to learn about new research and practices in the field.”

For more information on the SFL program, go to the [COTA website](#).

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China's ceramics capital shapes graduates' artwork

[Back to story index](#)

by Rosanna Galvin



ART AND DESIGN

Artists at work in The Pottery Workshop in Jingdezhen, China.

In the heart of China, surrounded by picturesque hills, lies the ancient city of Jingdezhen, well-regarded as the 'porcelain capital' of the world. It is here, in a light-filled studio overlooking those hills, that two UniSA graduates lived, worked and developed their art for six weeks as part of a residency program at The Pottery Workshop this year.

Emerging Adelaide-based ceramic artists Sophia Phillips and Sophia Nuske were two of only four artists in South Australia selected to take part in the 2014 Jingdezhen Residency in China, which is funded by the Helpmann Academy.

Phillips, who completed her PhD in Visual Arts at UniSA in 2010, says the chance to develop her practice in a city that lives and breathes ceramics was an unforgettable experience.

"I wanted to experience Jingdezhen, which is often called the 'porcelain capital' because of its reputation – not only as a centre of ceramic history and industry, but also as a place where many ceramic artists travel to in order to make work or develop their practice," she says.

"The vast majority of people in the city work in ceramics in some way. You can't walk down the street without seeing evidence of that – enormous pots teetering on the back of scooters, people working on their wares in the street, and shops everywhere selling every kind of tool, material and ceramic object imaginable."



Sophia Nuske helps fellow artist Sophia Phillips with her work.

Phillips says the beauty of Jingdezhen and the quiet craftsmanship of the ceramic artists of the city provided the perfect inspiration for her to explore new work.

“I was able to extend my ideas and bodies of work in a way that I haven’t had time for here in Adelaide; making those things that you think ‘wouldn’t it be cool if...’ but never have the time or materials to do,” she says.

“It was challenging but rewarding to work with the local porcelain – it cracks easily and has other quirks that your average terracotta does not, but in return it is an absolutely beautiful material just on its own. I was able to develop new work which was really exciting.

“From our studio you could see the stunning hills surrounding the city, which were always good to stare at when I was not feeling inspired. They reminded me that I was in Jingdezhen, doing something I would never forget.

“The local artisans in the city had a kind of effortless skill with zero pretence or ego. These makers don’t go around swaggering about how good they are – they just want to provide for their families and live a quiet, honest, hardworking life. I have enormous respect for them and it made me look at my own work and practice in a different way.”

Phillips and Nuske, a Bachelor of Visual Arts (Honours) graduate, returned to Adelaide in the middle of October. You can view more of their work on their respective websites – [Sophia Phillips](#) and [Sophia Nuske](#).

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news

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[Back to story index](#)



(L-R): Incoming Deputy Vice Chancellor: Research and Innovation (DVC: RI), Professor Tanya Monro; outgoing DVC:RI, Professor Richard Head; Chief Operating Officer, Paul Beard; and Vice Chancellor, Professor David Lloyd.

Team UniSA was one of 10 corporate teams to battle it out across the city last month for the Adelaide City Council's 'amazing race' style event, *Race Around Adelaide*. The team, which included Vice Chancellor Professor David Lloyd; incoming Deputy Vice Chancellor: Research and Innovation (DVC:RI), Professor Tanya Monro; outgoing DVC:RI, Professor Richard Head and Chief Operating Officer, Paul Beard, finished third overall.

Across the afternoon event, they tackled a number of obstacles, including segway-driving and reading the news in Channel Nine's studio. *Race Around Adelaide* is part of the Adelaide City Council's #ActiveAmbassador program and funds raised went towards the St Vincent de Paul Society. You can watch all the action from the event on UniSA's [YouTube Channel](#).



The *Luminous World* and *Luminous Cinema* opening. Photograph by Alex Kwong.

New exhibitions *Luminous World* and *Luminous Cinema* were launched at the Anne & Gordon Samstag Museum of Art at UniSA's City West campus last month. *Luminous World* brings together contemporary paintings, objects and photographs from the Wesfarmers Collection, in a conversation about light. It is the first time the works, which were acquired by Wesfarmers over three decades by some 50 leading Australian and New Zealand artists, are being shared together for the Australian public.

Luminous Cinema is a program of moving image works selected by the Adelaide Film Festival, at the invitation of the Samstag Museum, and is presented in association with the *Luminous World* exhibition.

Luminous World and *Luminous Cinema* will run until December 5. For more information, go to the Samstag Museum [website](#).



UniSA's historic Brookman Building was transformed into a haunted house last month when UniSA hosted its first Halloween Party. More than 400 students attended the event, which featured performances by a number of Australian hip hop acts including Chance Waters, Fozzey and Van C, and Bam Bam featuring Ry. For more pictures, go to the UniSA City East Campus [Facebook page](#).



(L-R) Global Experience Alumni Peter Tsiaros, Associate, National Australia Bank; Edward Jeanes, Senior Accountant, Edwards Marshall Pty Ltd; and Ikram Warsame, recent graduate.

The 2014 Global Experience Alumni networking event was held at the start of the month with 25 Global Experience alumni attending. Global Experience is a university-wide extra-curricular program designed to enhance students' intercultural competence and global employability. The event also launched the official Global Experience Alumni program, which will commence in 2015. To see the full photo gallery from the event, go the Global Experience [website](#).



UniSA students Simone Purdie (pictured left) and Sally Wallz (pictured right) with high school student Chynna Sumner (centre) at the end of year AIME wrap-up event at Mawson Lakes campus.

UniSA has wrapped up a second successful year with Australian Indigenous Mentoring Experience (AIME) – a nation-wide educational program that gives Indigenous high school students the skills, opportunities and confidence to finish school at the same rate as their non-Indigenous peers. This year, 150 UniSA students provided ongoing mentoring to 350 local Indigenous high school students.



(L) Lau Wui In and Dr Lawrence Tsang, Associate Dean and Head of Administration, School of Continuing Education, HKBU.
(R) Fong Yu Hin and UniSA's Dr Leanne Glennie, School of Communication, International Studies and Languages.

Students Lau Wui (pictured above left) and Fong Yu Hin (pictured above right) have been awarded the 2014-2015 Entrance Scholarship for admission into the UniSA Bachelor of Communication and Media program, offered in collaboration with Hong Kong Baptist University (HKBU). The students were selected based on their excellent performance in the HKBU Associate Degree Program.



(L-R) Ben Wishart, Ryan Rowland, Duncan Luke and Kym MacKenzie.

A film produced by UniSA alumna Louise Pascale, and starring recent UniSA staff member Duncan Luke and his mother, long-time UniSA staff member Rosemary Luke, has been nominated for a 2014 Australian Teachers of Media (ATOM) Award.

SONS and Mothers, which documents a group of men who meet once a week as part of the Men's Ensemble of No Strings Attached Theatre of Disability, was also one of only six films long-listed for a 2014 Walkley Documentary Award earlier this year. The documentary recently made its debut on national television, screening on ABC last month.

The documentary follows the development of the play of the same name, *Sons and Mothers*, which recently concluded a three-month tour around Australia.

SONS and Mothers is directed by Christopher Houghton and produced by Pascale, who completed a Bachelor of Arts and a Graduate Diploma in Journalism at UniSA. The ATOM Award winners will be announced at the end of this month.

The documentary will be available to download from Kanopy soon. For more information, go the film's [website](#).

[top^](#)

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University achievements >

UniSA's Teaching and Learning Framework >

Global Engagement >

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Assurance Services

Business Intelligence and Planning

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>

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>

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>

Global Engagement

>

Governance and management structure

>

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GPO Box 2471
Adelaide, South Australia 5001
Australia
Ph 1300 301 703
Fax +61 8 8302 2466

The University switchboard is attended from 9am to 5pm, Monday to Friday. If you know the extension of the person you wish to contact, dial (08) 8302, followed by the last four digits of the extension. You can also search for staff telephone numbers in the [Directory](#).

Dialling information for external callers

Please note that all standard landline telephone numbers throughout Australia are eight digits in length. Australian mobile and toll-free numbers will differ. The numbers listed within this directory are internal university extension telephone numbers (unless otherwise indicated.)

For example, to call a university extension 26611:

- within the university, dial 26611
- within Adelaide (local number) and/or the 08 region, dial 830 followed by the extension eg 830 26611
- within Australia but outside of the 08, dial 08 83026611
- outside of Australia, dial (your international access number), then 61 8 830 26611

Security

All hours 1800 500 911 – free call
(Internal callers dial 88888)

Future student enquiries

Ph: (08) 8302 2376
Fax: (08) 8302 0977

Make an Enquiry

Address: Level 1, 101 Currie Street, Adelaide SA 5000
Mail: GPO Box 2471, Adelaide SA 5001

Open weekdays from 9:00am to 5:00pm, excluding public holidays.

International students enquiries

[Future student enquiries \(international\)](#)

Graduate Studies Office (research degrees)

SM Building, [City West campus](#)
GPO Box 2471
Adelaide SA 5001
Ph: +61 8 8302 5880
Fax: +61 8 8302 0828
Email: research.degrees@unisa.edu.au

Campus postal addresses

University of South Australia
GPO Box 2471
Adelaide SA 5001

City East - Campus Central

Level 3 – Playford Building, Frome Road
Adelaide SA 5000
Ph: 1300 301 703
Fax: (08) 8302 2466
Email: campuscentral.cityeast@unisa.edu.au

City West - Campus Central

Level 2 - Jeffrey Smart Building
Adelaide SA 5000
Ph: 1300 301 703
Fax: (08) 8302 0590
Email: campuscentral.citywest@unisa.edu.au

Magill - Campus Central

Level 1 Building B
Lorne Avenue
Magill SA 5072
Ph: 1300 301 703
Fax: (08) 8302 4090
Email: campuscentral.magill@unisa.edu.au

Mawson Lakes - Campus Central

Ground Floor - C Building
Mawson Lakes Boulevard
Mawson Lakes SA 5095
Ph: 1300 301 703
Fax: (08) 8302 3550
Email: campuscentral.mawsonlakes@unisa.edu.au

Whyalla - Campus Central

111 Nicolson Avenue
Whyalla Norrie SA 5608
Ph: 1800 808 957 (free call)

or +61 8 8647 6161 (Local)*
or +61 8 830 26161 (Metro)
Email: campuscentral.whyalla@unisa.edu.au

* Note: interstate, overseas, SA country and Whyalla callers wishing to call the Whyalla extension should use 8647 (instead of the 830) followed by the last four digits of the extension, for example 26111 would become 8647 6111 (ie omit the 2).

Mt Gambier - Campus Central

Wireless Road West
Mount Gambier SA 5290
PO BOX 798 MOUNT GAMBIER 5290

Ph: +61 8 8721 8900 (local)*
or +61 830 28900 (Metro)

Email: mountgambier.enquiries@unisa.edu.au

* Note: interstate, overseas, SA country and MT Gambier callers wishing to call the MT Gambier extension should use 8721 (instead of the 830) followed by the last four digits of the extension, for example 28900 would become 8721 8900 (ie omit the 2).

Media enquiries

Michèle Nardelli
Manager News and Media
Ph: (08) 8302 0966
Mobile: 0418 823 673
Email: michele.nardelli@unisa.edu.au

Kelly Stone
Media Liaison Coordinator
Ph: (08) 8302 0963
Mobile: 0417 861 832
Email: kelly.stone@unisa.edu.au

Alan Brideson
Director
Marketing and Development Unit

Areas of study and research

[+ Click to expand](#)

Health Sciences	UniSA Business School	Education, Arts and Social Sciences	IT, Engineering and the Environment	UniSA College
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International Students

Enquire online
+613 9627 4854
Further contact details

Australian Students

Make an enquiry
08 8302 2376
Further contact details

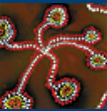
General Enquiries

08 8302 6611
Further contact details

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SOUTH
AUSTRALIA



**AUSTRALIAN
TECHNOLOGY
NETWORK**
OF UNIVERSITIES

[< back](#)

UniSA site help

- [Software requirements](#)
- [Viewing options](#)
- [Navigation](#)
- [Accessibility](#)

Software requirements

Several documents on this website are available in Portable Document Format (PDF). To view these files, you may need to download and install Adobe Acrobat Reader.



- Follow this link to download the latest version of [Adobe Acrobat Reader](#).

Software downloads available via links from this site are third party products. These products may be subject to a licence agreement between you and the relevant product owner. To the extent permitted by law, UniSA accepts no liability in respect of such third party products and UniSA provides no warranty and gives no endorsement in respect of such products or any party connected with them.

Viewing options

The UniSA website has been designed to accommodate as wide an audience as possible. As such, all commonly available browsers are supported on this website. However, the site is best viewed with Internet Explorer version 5.5 or later at a resolution of 800 x 600 pixels. If you need to enlarge the screen the best way to do so is to use the zoom option located at the bottom right corner of your browser as this will not affect the layout of the page detrimentally.



- Follow this link to download the latest version of [Internet Explorer](#).

Please note that when viewed on Netscape there is some degradation to the look and feel of the site although navigation is not hampered. Users of Netscape should take note of the [Netscape end of support notice](#).



- Follow this link to download the latest version of [Firefox web browser](#).

Navigation

There are a variety of ways to find information on this website. The groups of links at the top of the home page provide the main navigation to key areas of content. In sub pages, navigation menus on the left hand side link to more detailed information within the site.

The grey navigation bar at the top of the home page and every page provides quick access to frequently accessed information, including the search function. Privacy, disclaimer, copyright, contact, accessibility and CRICOS information is available from the footer. A web enquiry facility is available in the [Contact UniSA](#) page.

Accessibility

If you have a disability, refer to our [web accessibility](#) information. The [Adobe Accessibility Resource](#)

[Centre](#) provides tools that can help people who use speech readers to read the content of PDF documents. If you are encountering difficulties accessing the UniSA Corporate website, please email webenquiry@unisa.edu.au.

[top^](#)

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[Site help](#) | [Open Day](#) | [UniSA Events Calendar](#) | [Read this page](#)

Latest content revision: Thursday, 16 July 2009

CELEBRATING
25
YEARS



[STUDY](#) [RESEARCH](#) [PARTNER](#) [NEWS & EVENTS](#)

[LOGIN](#)  

[Home](#) > UniSA Open Day 2016



Open Day was held on Sunday 14 August

This year's Open Day was the best yet with over 90 presentations, 80 information

booths and 43 things to see and do. We hope you enjoyed your time on campus and found all the information you needed about your pathway and study options. If you still have questions, make sure you attend our Open August Events or contact our [Future Student Enquires Team](#).

Missed a presentation?

If you didn't manage to make it to Open Day, watch our [program overview videos](#) to find out more about the range of programs on offer.

What's next?

UniSA's Open August Events


Open Day is held at our City West and City East campuses and is a great chance for you to explore all the study options on offer at UniSA in the one spot. Once you have decided on your direction, you will have another opportunity to step onto our Mawson Lakes, Magill and Whyalla campuses. You can explore the facilities and hear from current students, staff and industry professionals. Attend Magill @ Twilight if you are interested in studying Education, Psychology, Social Work, Communication, Media & Arts. Discover Mawson is for those thinking about careers in the areas of engineering, information technology, environmental science, geospatial science, science and advanced materials, aviation and mathematics. Find out about education, nursing, social work, business and Foundation Studies at Whyalla Open Day.

Event	Date	Location
Magill @ Twilight	Wednesday 24 August	Magill campus
Discover Mawson	Thursday 25 August	Mawson Lakes campus
Whyalla Open Day	Sunday 28 August	Whyalla campus

[Further information and registrations](#)




Open August events



UniSA's Open Day is part of Open August, a series of events giving prospective students and parents a range of opportunities to visit our campuses, ask questions and assist with the selection of courses and careers.

[Open August events](#)


We're here to help



Contact Future Student Enquiries for more information on studying at UniSA.

[Contact Future Student Enquiries](#)

How to Apply



View our step-by-step video explaining how to submit your UniSA application.

[Learn more](#)

Future Student Enquiries Team

Areas of study and research

+ Click to expand

- Health Sciences
- UniSA Business School
- Education, Arts and Social Sciences
- IT, Engineering and the Environment
- UniSA College

International Students

- Enquire online
- + 613 9627 4854
- Further contact details

Australian Students

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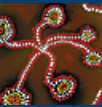
General Enquiries

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Home > Calendar

Calendar

02
SEP

Chemotherapy-induced mucosal barrier injury

2 September 2016

Professor and Dean:
Academic within the Division of Health Sciences at the University of South Australia, Rachel graduated with a PhD in Medicine at the University of Adelaide having studied the...

Find out more



Current Events

23
JUL

08
SEP



Upcoming events in India

23 July - 8 September 2016

Find out about studying at the University of South Australia and living in Adelaide.

05
AUG

03
SEP



Upcoming events in Australia

05 August - 3 September 2016

Find out about studying at the University of South Australia.

Upcoming events

View:

September 2016 (14 Events)

Minimise

02
SEP



Chemotherapy-induced mucosal

05
SEP



Upcoming events in Norway

07
SEP


12
SEP




Upcoming events in Sri Lanka

Search for an event

Enter a keyword

From dd/mm/yyyy:

To dd/mm/yyyy:

View events by

Domestic ☒ International ☐

Event type	
Alumni	<input type="checkbox"/>
Future Students	<input type="checkbox"/>
Hawke Centre	<input type="checkbox"/>
Hawke Research Institute	<input type="checkbox"/>
Postgrad	<input type="checkbox"/>
Public Events	<input type="checkbox"/>
Research	<input type="checkbox"/>
Sansom Institute	<input type="checkbox"/>
UniSA Students	<input type="checkbox"/>
UniSA's 25th Birthday	<input type="checkbox"/>
ICT Innovation & Collaboration Centre	<input type="checkbox"/>

Academic units	
Business and Law	<input type="checkbox"/>
Education, Arts and Social Sciences	<input type="checkbox"/>
Health Sciences	<input type="checkbox"/>



barrier injury

2 September 2016

Professor and Dean: Academic within the Division of Health Sciences at the University of South...



Upcoming events in Myanmar

07 September - 11 September 2016

Find out about studying at the University of South Australia and living in Adelaide.



The Futures of Waste - Keynote Address

8 September 2016

The role of sustainability and materials in the new innovation economy: Green Materials from Waste...



2016 UniSA Nelson Mandela Lecture

15 September 2016

Discover a wealth of a different kind with Geraldine Cox AM



5 September 2016

Find out about studying at the University of South Australia and living in Adelaide.



Futures of waste

07 September - 7 October 2016

This exhibition of photographs and accompanying seminar will address the origins and dimensions of waste...



Upcoming events in Denmark

10 September 2016

Find out about studying at the University of South Australia and living in Adelaide.



Upcoming events in Kenya

16 September - 24 September 2016

Find out about studying at the University of South Australia and living in Adelaide.



07 September - 12 September 2016

Find out about studying at the University of South Australia and living in Adelaide.



Venture Catalyst Pitching & Information Session

8 September 2016

Do you have a great idea or an existing company that needs a financial injection to turn in Adelaide's...



EU Doctoral Pedagogies Colloquium: Models, Challenges, Outcomes

14 September - 15 September 2016

The Hawke EU Centre for Mobilities, Migrations and Cultural Transformations in collaboration with the...



NON-REPRESENTATIONAL THEORY: PERFORMATIVE, EMBODIED AND AFFECTIVE KNOWLEDGE

21 September 2016

Masterclass by Sir Nigel Thrift

IT, Engineering and the Environment





Foundations of active ageing

23 September 2016

As part of our Successful Ageing Seminar series, we invite you to attend this FREE seminar to hear from...



THE SENTIENT CITY

28 September 2016

Hawke Research Institute
Annual Distinguished Lecture



October 2016 (3 Events)

Minimise



Art Talks With Jeffrey Tate, Principal Guest Conductor

6 October 2016

Art Talks With Jeffrey Tate, Principal Guest Conductor In-conversation with Professor David Lloyd, Vice...



CHART 2016, 'Shoulder to Shoulder'

12 October - 4 November 2016

A thematically linked multi-media Exhibition, these artworks reflect on different concepts and themes...



Europe, the world and the challenges of the 21st century

31 October 2016

For the Hawke EU Centre Annual Lecture, Baroness Royall argues that the values of the European Union...



November 2016 (5 Events)

Minimise



UniSA Hong Kong Alumni Dinner

5 November 2016

Celebrate UniSA's 25th Birthday with Vice Chancellor and President, Professor David Lloyd and fellow...



Adelaide's International Jubilee Exhibition and Building (1887-1962)

09 November - 30 November 2016

An exhibition exploring an 1887 Exhibition, held in the Jubilee Exhibition building, and tracks the...



Welcome House

09 November - 30 November 2016

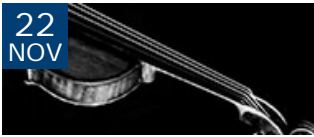
An exhibition created by members of the refugee community, who receive support from Kilburn's 'Mercy...



National Water Forum 2016

11 November 2016

Are integrated decisions about water management better than stand-alone choices?



Art Talks With Pinchas Zukerman, Artist in Association

22 November 2016

Art Talks With Pinchas Zukerman, Artist in

Association. In-conversation
with Professor Tanya Monro,...

Areas of study and research

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- IT, Engineering and the Environment
- UniSA College

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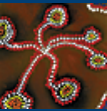
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Browsealoud

[Browsealoud](#) is a text to speech tool that you can download and use on our website. It converts text to audio which allows the content of our websites and any Browsealoud capable website to be read to you.

Features

- reads aloud all website content including PDF and MS Word documents
- words are spoken aloud as you move your cursor over them
- choose the voice to use
- change the reading speed
- create shortcut/hotkeys to start/stop reading
- have the program start when the computer starts



System Requirements

In order to download and run BrowseAloud, you must have the following System Requirements:

PC users

Operating Systems: Windows XP, Vista and Windows 7
Pentium 4 1.8GHz Processor 512 MB RAM (1 GB RAM recommended on Windows Vista and above)
Sound Card + Speakers
15MB Free Disk Space

Recommended Browsers: Internet Explorer 6, 7 or 8. Firefox 3.6
For PDFs: Acrobat Reader 9

Apple Mac users

OSX 10.3.9 or later (now supports Mac OSX Snow Leopard)
256 Mb RAM (512 Mb is preferable)
Compatibility with Power PC or Intel processor.
Browser: Safari v3 or later 20MB disk space



For more information or support please visit the [Browsealoud support](#) page.

[top^](#)