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April 2016

> from the University of South Australia



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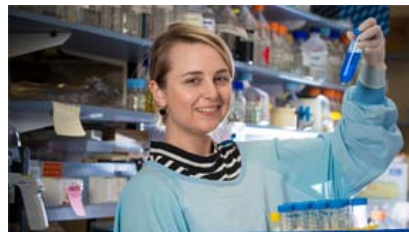
## Psychology student stars as UniSA's 150,000th graduate

For UniSA's 150,000th graduate, Sally Perrin, crossing the stage at graduation ceremonies with a Bachelor of Psychological Science this month was a triumph over adversity. [more](#)



INSIDE UNISA

### A break from tradition in honouring Australian role models

[more](#)

COMMUNITY

### Funding key to success for women in science

[more](#)

COMMUNITY

### Gardens growing communities on campus

[more](#)

INSIDE UNISA

### From the Vice Chancellor

[more](#)

INSIDE UNISA

### The latest achievements and announcements

[more](#)

COMMUNITY

### Remembering child protection leader, Freda Briggs

[more](#)



RESEARCH SPOTLIGHT

Three reasons why sleep is important for your health [more](#)



ART AND DESIGN

A touch of glass [more](#)



HEALTH

Setting girls up for success in physical activity [more](#)



SCIENCE AND TECHNOLOGY

Smarter use of water to stimulate new industries and jobs [more](#)



HUMANITIES

New report shows teens want sex education that's about more than the sex [more](#)



HUMANITIES

Morrison magic to jazz up SA's appeal abroad [more](#)



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[top^](#)



## Psychology student stars as our 150,000th graduate

[Back to story index](#)

by Michèle Nardelli



INSIDE UNISA

Vice Chancellor Professor David Lloyd with UniSA's 150,000th graduate Sally Perrin and Chancellor Jim McDowell.

For UniSA's 150,000th graduate, Sally Perrin, crossing the stage at graduation ceremonies with a Bachelor of Psychological Science this month was a triumph over adversity.

Perrin epitomises the kind of student for which UniSA was founded 25 years ago this year – capable, intelligent, with a passion to learn, but someone whose background would probably have been a huge barrier to university entry.

She left home before completing high school and had to earn her own living and fend for herself from the time she was about 16 years old.

Within a short time, she was also caring for her younger sister, working and studying hard to complete high school.

"I could see that education was a path out of poverty and ignorance and I was determined to take that path – I am the first in my family to go to university and to complete my degree," Perrin says.

"When they told me I was the 150,000th graduate I was absolutely delighted – it feels like a real honour, something quite special."

Perrin completed her degree part-time over six years and is now enrolled in an honours degree in psychology with a clear plan to continue on to Masters or PhD study.

"I really want to be able to combine research and practice and I want to work to support vulnerable people," Perrin says.

"I think when you see how front line services operate for marginalised people, you realise they are structured on a business model and that's a long way from the evidence-based science.

"I'm very interested in epigenetics and the brain and how environmental factors in a person's life and the interplay between physiological and psychosocial factors influence how people develop and their mental health.

"I am looking to research stress and epigenetic changes, mainly in children and adolescents, and one of the areas I am very interested in is sleep and circadian rhythms."

Perrin says exploring a simple variable such as sleep is quite powerful.

"Imagine a child in a family where there are ongoing arguments. They can become fearful and sleep-deprived. When they go to school, they are overtired and inattentive and might be labelled as lazy or disengaged. They may find it difficult to make friends because of their poor performance in class and their overtiredness. This again isolates them from positive rewards – the things that give the brain the right stimuli for high function.

"I want to research more in that space and ultimately, to be able to combine research and practice in my life so that I can apply the knowledge where it is most needed."

Perrin says how the research can be applied to support improved services and better support for people with mental health and other disadvantages is a great motivator.

"I think UniSA is the kind of university that actually does inspire you to want to make a difference," she says.

"I have had some very valuable support here in an everyday sense from the great people who work and teach here and also with bonuses such as the equity scholarship which I was awarded last year and it paid for a much needed new laptop."

Perrin graduated on April 5 at the Adelaide Convention Centre as one of almost 5000 new UniSA graduates from across South Australia.

Find out more information about the [Bachelor of Psychological Science here](#).

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---



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[top^](#)

## A break from tradition in honouring Australian role models

[Back to story index](#)

by Michèle Nardelli & Mary-Jane McArdle



INSIDE UNISA

Jack Manning Bancroft, founder of the Australian Indigenous Mentoring Experience.

One of Australia's favourite food gurus, 'the sunshine super girl' and a young CEO changing the lives of Indigenous youth are among the Honorary Doctorates presented by UniSA at its graduation ceremonies this month.

UniSA Vice Chancellor Professor David Lloyd says it is important to break with tradition when encouraging excellence which is why this year's awards include the youngest recipient of an Honorary Doctorate in Australian history.

"Universities usually recognise people at the very end of their careers with these sorts of awards, but I believe, when young people like Jack Manning Bancroft (founder of the Australian Indigenous Mentoring Experience) show how rapidly they can make such a big difference in the world, the achievement should be celebrated and recognised," Prof Lloyd says.

"We are delighted to welcome these people as part of the University of South Australia community.

"Some may be considered household names like Maggie Beer and Evonne Goolagong Cawley, but all of these recipients are shining examples of people who have made their visions a reality and serve as incredible role models."

Honorary Awards provide the opportunity to recognise exceptional achievement and acknowledge significant and eminent contributions to scholarship, professional practice and service to the University and its community.

**The 2016 recipients are featured below:**

[Jack Manning Bancroft](#)

[Professor Gary Banks AO](#)

[Maggie Beer](#)

[Marie Coleman](#)

[Evonne Goolagong Cawley](#)

[Barry Pearce](#)

## **Jack Manning Bancroft**

**In recognition of his highly successful national program to improve educational outcomes for Aboriginal and Torres Strait Islander youth.**

Founder of the [Australian Indigenous Mentoring Experience \(AIME\)](#), Manning Bancroft, 30, will be the youngest recipient of an Honorary Doctorate in Australian history.

A graduate of Sydney and Stanford Universities, Manning Bancroft was a 19 year-old student when he founded AIME as a tiny 'start-up' based on the principle that if Aboriginal students had the support of a peer mentor - someone just a little bit older who was on their side, someone who believed in them - they would have a better chance of success.

"In 2005, when he founded AIME, Jack had just 25 university mentors and 25 high school students, but he had a driving passion to succeed," Prof Lloyd says.

"Today AIME is working with 6000 mentees and 1800 mentors across 37 locations and in partnership with 18 Australian universities. We're proud to be a part of one of the most scalable, cost effective and successful mentoring programs in the world."

The organisation now employs 100 staff nationally and was voted ninth in the BRW Best Places to Work in Australia in 2015. AIME was a grant recipient of the 2014 Google Impact Challenge and last year launched its own clothing brand, AIME Apparel, to share stories and artworks from talented Indigenous students, which in turn raise funds for the program.

## **Professor Gary Banks AO**

**In recognition of his lifetime contribution to a broad range of public policy areas**

Prof Lloyd says the leadership and dedication to good governance from Prof Banks, underpinned by good policy has been exemplary, not only in the Australian context but also on the international stage.

Chief Executive and Dean of the [Australia and New Zealand School of Government](#), Prof Banks has contributed through his leadership of the [Productivity Commission](#), the [Centre for International Economics](#) and as Chair of the [Council of Australian Governments](#) Steering Committee.

"In his capacity at the Centre for International Economics he consulted to the OECD, the World Bank and the World Trade Organisation and earlier in his career he was a senior economist with the General Agreement on Tariff and Trade Secretariat in Geneva," Prof Lloyd says.

"It was this wealth of experience that saw him appointed as Chairman of the Productivity Commission in 1998 a position he held for 14 years, developing its profile as Australia's most respected source of independent advice to government."

Prof Lloyd says Prof Banks led enquiries into a range of critical economic and social issues including greenhouse policy, housing affordability, private health insurance, trans-Tasman economic relations, national competition policy, gambling and executive remuneration.

In 2013 Prof Banks became an independent non-executive director of the Macquarie Group Board and in the same year he was appointed to the Prime Minister's Business Advisory Council.

Today he is an occasional lecturer at the Melbourne Business School as part of its public policy program and he continues as a member of the judging panel for the BHP-Billiton Reconciliation Australia Indigenous Governance Awards, a role he has undertaken since 2005.

## **Maggie Beer**

**Recognising her enormous contribution to the promotion of South Australia's food and tourism industries and her contribution to wellbeing in the community.**

Over many decades, Beer has taken her ideas about healthy eating far

beyond her family kitchen into the world of television, the wider community and to aged care facilities to raise the profile of eating well.

She has become one of South Australia's most inspirational businesswomen and a key architect of Australia's modern philanthropic culture.



Prof Lloyd says Maggie is the perfect role model to promote South Australia's culture of great food and highlight the importance of partnerships between philanthropic organisations and community groups in building strong, vibrant communities.

"With a career that has included farming, running a restaurant, food production and export, food writing and starring on television, Maggie has committed her life to supporting and promoting Australia's now globally recognised clean, seasonal produce and innovative food culture," Prof Lloyd says.

"We acknowledge her continuing contribution to South Australia – her enormous energy, positivity and 'can do' nature - which has helped the boost the State brand, created invaluable business and philanthropic networks and strengthened our sense of community."

As part of the 2010 Australia Day Awards, Beer was named Senior Australian of the Year and in 2011 she became South Australian of the Year.

Beer was appointed a Member of the Order of Australia (AM) for her service to tourism and hospitality on Australia Day 2012 and most recently found herself starring on a postage stamp as one of the winners of the Australia Post Australian Legends Award.

In 2014 Beer established the Maggie Beer Foundation, to highlight the need to provide the pleasure of a good food life for everyone, regardless of age or health restrictions.

## Marie Coleman

**Recognising her significant impact on Australia, by advocating and providing a positive outlook for women during a period of massive social change.**

Prof Lloyd says Coleman has been a pioneering advocate for women, who became the first woman in Australia to head a government agency.

"She became the first woman in Australia to head a government agency and that appointment followed an illustrious career in which she advocated and advanced the cause for women across a range of professional roles and personal commitments," Prof Lloyd says.



Coleman, a retired Commonwealth public servant who headed the Australian Social Welfare Commission during the Whitlam era of government, and who was the founding Secretary of the National Foundation for Australian Women was appointed an Officer of the Order of Australia in 2011.

"For over 60 years her name has been synonymous with the women's movement in Australia, as well as being linked to causes including indigenous rights, paid parental leave, the gender pay gap and childcare funding," Prof Lloyd said.

Born and raised in rural New South Wales during the Great Depression, Coleman studied for a Bachelor of Arts and a Diploma of Social Studies at the University of Sydney in the 1950s, before embarking on a career as journalist, social worker, teacher and scriptwriter.

She was recruited to public service by Prime Minister Gough Whitlam in 1973 at a time of great change for women and Australian society.

Across roles including head of the Australian Social Welfare Commission and founding Secretary of the National Foundation for Australian Women, Coleman has been significant in her contributions; from spearheading the campaign that led to the Productivity Commission Inquiry into a national paid maternity, paternity and parental leave scheme, to playing a leadership role for national women's organisations in examining the impacts of the



former WorkChoices and Welfare to Work policies on women.

## Evonne Goolagong Cawley

**Recognising her enormous contribution to Australian tennis on the international stage and her promotion of better education and health outcomes for Aboriginal and Torres Strait Islander children.**

The first Aboriginal Australian to succeed in tennis at an international level, Evonne Goolagong Cawley was a true champion and has become an incredible role model – a person of integrity and poise, committed to excellence and dedicated to sharing her inspirational ethos.

Prof Lloyd says she is the perfect Australian role model, whose life has been marked by determination, commitment, excellence and generosity.



“From her position of success, she has used her immense talent and high profile to promote the sport of tennis, and through tennis, to support education, health and wellbeing initiatives for Australia Aboriginal and Torres Strait Islander people,” Prof Lloyd says.

Goolagong Cawley was ranked world number one from 1971 -1976, won 92 pro tournaments, was a finalist at 18 Grand Slam events, won the French and Italian Opens, won the Australian Open four times and, in 1980 was the first mother to win Wimbledon in 66 years.

She was a board member of the Australian Sports Commission, was part of the successful Sydney 2000 Olympic bid and served on the National Indigenous Advisory Committee to SOCOG at the games.

A Federal Government consultant on Indigenous sport until 2001, she also formed the Evonne Goolagong Sports Trust to review Aboriginal sports and raise money for new facilities and equipment.

From 2007 to 2011 she was a board member of the Indigenous Land Council and in 2012 she established the Evonne Goolagong Foundation dedicated to improving the lives of Indigenous children.

“Dream, believe, learn, achieve are the words Evonne has lived by and they are the motto of her foundation, which has already done so much for so many,” Prof Lloyd says.

“Her Goolagong National Development Camp has awarded more than 50 school scholarships, supported and encouraged students to attend and graduate from university, become tennis players coaches and sports administrators.”

## Barry Pearce

**Recognising his invaluable contribution to Australian art and his *alma mater*, UniSA.**

Prof Lloyd says Pearce – who was welcomed as a University Fellow – has been one of the most enthusiastic and knowledgeable ambassadors for Australian art at home and abroad.

“Barry’s passion for Australian art is palpable,” Prof Lloyd says. “We are extremely proud to count him as one of our alumni and to honour the extraordinary contribution he has made to our knowledge and appreciation of Australian art.”

An internationally renowned expert in Australian art, Pearce graduated with a Diploma of Art (Teaching) from UniSA antecedent Western Teacher’s College and went on over the next 50 years to build an internationally respected career in art curation, research and education.

Author of more than 35 books and exhibition catalogues and 50 journal articles and curator of over 40 exhibitions, he started out at the South Australian Art Gallery as an education officer before quickly advancing to a curatorial role.

His gallery career has taken him to London’s British Museum and then back to work in important roles at the state art galleries in SA, WA and NSW.

His specialist knowledge of the works of Australian artist Jeffrey Smart and his contemporaries made him the best candidate to curate the major retrospective – *Master of Stillness: Jeffrey Smart Paintings 1940- 011* – opened at UniSA’s Samstag Museum of Art in 2012. He also authored a book about the artist and his work under the same title.

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[top^](#)

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University of  
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## Funding key to success for women in science

[Back to story index](#)

by Katrina McLachlan



COMMUNITY

UniSA mid-career researcher Dr Sophie Wiszniak.

How is it possible in 2016 for Australian girls to have far fewer options than Australian boys in the area of Science, Technology, Maths and Engineering?

This is the question UniSA's Research and Innovation Vice Chancellor Professor Tanya Monro; Sydney University mathematics Professor Nalini Joshi; and University of New South Wales marine ecology and ecotoxicology Professor Emma Johnston tried to answer recently at a National Press Club special event *Women of Science*.

Outlining her views on how to promote greater participation by women at the top levels of science, Prof Monro expressed that the future standard of living of Australians depends on how effectively we can bring innovation into our businesses.

"Statistics show that Australia lags when it comes to innovation but with the Prime Minister's National Innovation and Science Agenda (NISA), announced late last year we now have the aspiration to encourage our best and brightest minds to work together to find solutions to real world problems and create the jobs and growth we need for the future," Prof Monro says.

"The single biggest and most powerful thing that we can do in response to this challenge is to transform the relationship between women and STEM."

A new report by the Office of the Chief Scientist, Dr Alan Finkel, released the day after the National Press Club



Speaking at a recent National Press Club event were (from left) Professor Nalini Joshi, Professor Emma Johnston and Professor Tanya Monro. Photo taken by Lyn Mills and supplied by the National Press Club of Australia.

event, provides the first detailed analysis of Australia's Science, Technology, Engineering and Mathematics (STEM) trained workforce.

The report shows that less than one-third of STEM university graduates are female, with physics and astronomy, and engineering having even lower proportions of female graduates.

Biological sciences and environmental studies graduates are evenly split between the genders but in the vocational education and training sector, only nine per cent of those with STEM qualifications are women.

According to the Chief Scientist even more worrying than the gender imbalance, is the pay-gap between men and women in all STEM fields that cannot be fully explained by women having children or by the increased proportion of women working part-time.

Prof Monro is adamant Australians must pursue change.

"The benefits of that change will clearly go beyond gender, beyond sexual identity, race and ethnicity," Prof Monro says.

"That change will make our society become more creative, abundant, and innovative.

"There's no doubt that improved female engagement in STEM will drive all areas of science and innovation, and achieve aspirations articulated across the whole NISA agenda."

According to the Australian Academy of Science, women comprise more than half of science PhD graduates and early career researchers, but make up just 17 per cent of senior academics in Australian universities and research institutes.

Encouraging more women into science is important but UniSA mid-career researcher Dr Sophie Wiszniak says supporting early and mid-career STEM researchers often comes down to dollars and cents.

Dr Wiszniak, who recently secured the 2016 Mary Overton Early Career Fellowship, knows from personal experience how sourcing funding can be a major barrier to career advancement for talented female researchers.

"Once you have completed your PhD your job for the next five years is pretty much just publishing papers as often as you can so that you can build up your CV and apply for funding grants," Dr Wiszniak says.

"The struggle is to ensure that your research output is significant in volume but also of very high international standard and that is a hard balance to achieve."

Fellowships are rare opportunities and Dr Wiszniak's will fund important research into a type of embryonic stem cell that can be responsible for congenital heart defects, something she believes is not being considered anywhere else.

The Mary Overton Early Career Fellowship was established to encourage a person of outstanding ability to make biomedical research a career and will further Dr Wiszniak's work as a post-doctoral researcher in the Neurovascular Research Laboratory at the Centre for Cancer Biology (CCB) - an alliance between UniSA and SA Pathology.

Winning one of the increasingly competitive early career fellowships is proof of Dr Wiszniak's talent but as she will attest, there are many other talented female researchers who struggle to fund their research.

"I managed to juggle those priorities with lots of hard work, clear direction about where I want to take my research and great support from my Laboratory Head Quenten Schwarz," Dr Wiszniak says.

"Without grants and fellowships you can't think more than 12 months ahead because you just never know where the money to support your research is going to come from."

CCB's Neurovascular Research Laboratory Head, Dr Quenten Schwarz, says this Fellowship is great recognition for Dr Wiszniak and provides an excellent opportunity for her and the lab to deliver some unique research.

"This Fellowship is a lovely reward for all of Sophie's hard work over the past five years with the CCB and it gives her and the lab a little more flexibility and stability," Dr Schwarz says.

"Scientific research is a highly competitive field so having three years of funding means a researcher like Sophie can explore new things, take on bigger picture projects and then move these projects to the next level and maybe explore therapeutic outcomes and relevance to diseases that we haven't been able to in the past.



"There is just no doubting the career value of a fellowship for the individual, but what people underestimate is how much difference that funding can make to a research team's goal of helping to develop life changing cures and treatments."

Dr Wiszniak's hope is that her research will ultimately give people more information about what contributes to congenital heart defects, and what chance affected individuals may have of passing on these defects to their children.

"Genetic heart defects are relatively common and to have any hope of understanding how they occur in humans we need to understand how the heart develops normally," she says.

"I'll be working on a specific set of cells – neural crest cells – they are embryonic and form in the neural tube.

"At the moment, globally we are the only ones looking at how neural crest cells affect heart development.

"In the past this area has had some attention, but right now we feel that we are in a niche area where we have the expertise and the tools to discover more about this important health issue.

"I was also recently awarded one of the Channel 7 Children's Research Foundation Grants so these pieces of funding mean I can support my own research and move towards transitioning from being a post-doctoral researcher who works with other people to directing my own research and having my own research team."

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[top^](#)

## Gardens growing communities on campus

[Back to story index](#)

by Mary-Jane McArdle



COMMUNITY

Working on the community garden at City West (from back left to right) - Monamee Ishika (Master of Management student), Olexij Straschko (Student Engagement Officer, UniSA Business School), Dhananjay Patel (Bachelor of Business (Logistics and Supply Chain Management) student). (front – left to right) Pei Jie Tan (Masters by Research student), Amanda Zhang (Tutor, UniSA Business School), Lucy Hopton (Bachelor of Visual Arts student), and Rawan Wehbe (Bachelor of Architectural Studies student).

Community gardens are a growing trend the world over as little plots pop up in the smallest available spaces in cities; providing fresh produce alongside a sense of community and ownership for those involved.

At UniSA's Mawson Lakes and City West campuses, communities are coming together as the University's own garden projects take shape. What began as an idea in the first [unijam](#) back in 2013 is now rolling out with staff and students getting involved.

### Mawson Lakes garden takes shape

A 500 square metre area has been set aside at Mawson Lakes and last month staff and students got their hands dirty with the first planting of 11 evergreen fruit trees including avocado, lime and orange, along with less common fruits such as guava, tamarillo and white sapote.

Now in the true spirit of community gardening, members of the University community are being invited to take ownership and drive the project moving forward.

David Varga from the campus Facilities Management Unit says his staff have provided the basics including setting up the area with provisions for irrigation, several garden beds and a garden shed, but ultimately it is a blank canvas and how it takes shape will be driven by the community.

"Since *unijam* it's been an interesting journey of discovery figuring out the best framework," Varga said.



“People from across the campus have already shown their interest to get involved – we want an area that people can actually get physically involved in, to get out and dig and plant and manage the space themselves.

“We are taking a phased approach; initially involving the local campus community and if it’s successful, then we can start to invite other user groups in Mawson Lakes who could become involved.”

Program Director from the [School of Natural and Built Environments](#) Dr James Ward says the first tree planting on March 9 has provided a community orchard that will grow to be a permanent backbone of the garden space.

“We’ve put all the evergreens along the southern side so that we get good northerly sun during winter and that’s an example of the permaculture thinking behind the layout and design of the space,” Dr Ward said.

“Then the garden bed area which has room to expand will be driven by the community – we are kick-starting the area with four self-watering wicking beds, but ultimately the form of that space will be up to the community to decide.

“We also have a team of students working on interpretation signage this semester as part of the interpretation course in the Bachelor of Environmental Science degree.

“One of the most common groups using the area of lawn in the space are school children who visit the Planetarium who typically go out to have their lunch, so this is where interpretative signage will provide interaction for any visitors to the campus – there are lots of opportunities for descriptive signage that makes the garden an interesting place to learn.

“My hope is that we have some signage that at least describes the types of trees planted and where: i.e. we have tall, evergreen trees at the southern end where they will get plenty of sun year-round without shading out the shorter deciduous trees, and at the northern end we have the vegetable gardens in full sun year-round.

“There could also be signage around the irrigation system, which is run on multiple stations to account for different watering regimes for evergreen and deciduous trees, while the vegetable gardens will be water-efficient wicking beds.”

Anyone interested in getting involved can complete the sign-up sheet outside the NBE office (P1-22, Mawson Lakes) and a ‘Google Group’ has formed with the people who have signed up so far to communicate with each other. Students and staff from across the disciplines are welcome.

“My intention is to see these people establish the governance structure of the group including organising a schedule of meetings, getting the group to figure out who is leading the project, and arranging the initial next phases including commissioning raised garden beds and planting deciduous trees,” Dr Ward said.

The group will work in consultation with FMU to ensure that the development matches the aesthetics of the campus but ultimately it will be the community that manage the garden.

## Students share in the experience

[Bachelor of Environmental Science](#) student Amber Michael (pictured right) got involved in the Mawson Lakes garden because she loves gardening, and the project provides a great way to connect with others and have a positive effect on people and in the community.

“It will be a great way to show people they can produce their own food at home that tastes great and is free,” Amber says.

“It’s great for the environment by reducing food miles and packaging, and it makes you feel good too.

“I like that this has been so well thought out and a lot of the things that people find difficult to source or overcome when setting up a community garden have been taken care of; there is a good water source with irrigation systems in place, a future plan set out for garden beds and deciduous trees, and the initial setup and material costs have been covered by the University.”

Post-graduate journalism student Rachael Hakim has written about the project as part of her role writing for the



Grounds Supervisor Nigel Brewer and Program Director Dr James Ward work on the irrigation system at Mawson Lakes.



Community Service Learning Project blog, [Where Uni Meets Community](#).

“When I visited the planting day I found the gardens were nothing like I expected - there were exotic fruit trees being planted, not spinach, broccoli, kale and the usual veg - although that will come later.

“I’m keen to follow the garden’s progress and I’m excited to see the response from staff, students and the community. There is so much more to learn than just planting some vegetables.”

Anyone interested in getting involved can sign up via the School of Natural & Built Environments office in person at P1-22, Mawson Lakes, by phone on (08) 8302 3000 or by email at [NBE-enquiries@unisa.edu.au](mailto:NBE-enquiries@unisa.edu.au)

## City West hosts weekly gardening events

At City West, an empty concrete space on the rooftop of the Kaurna building is attracting up to 150 staff and students each week to the ‘Community Gardens’ events from 12-1pm featuring catering from local businesses; promoting healthy and sustainable eating.

Tristana Sidoryn from the UniSA Business School said the events are a joint initiative between the UniSA Business School and the School of Art, Architecture and Design.

“The events have been attended each week by 120 to 150 staff and students,” Sidoryn said.

“Along with lunch, we hold structured planting activities involving students and staff, such as setting up wicking beds.

“We are involved in the broader UniSA community gardens project, and essentially have set up this part and then we will be involved in the greening George Street project, and other community gardens at City West campus.

“The events in the rooftop community gardens will be held for a year, and then we will look at extending it to other parts of the University.”

Bachelor of Marketing and Communication student Wael Mili says the weekly events provide the ideal place to take a break.

“The idea of a garden on the roof is unique by itself, you get to plant and enjoy an afternoon with friends and lovely UniSA staff,” Wael says. “I encourage everyone to come along.”

Masters by Research student Peilin Phua says the community gardens event is her favourite midweek event on campus.

“What a great way to catch up with friends and university staff over some hearty food and drinks,” Peilin said.

“It’s a great place to share knowledge about gardening and plants, I didn’t know there were so many different species of basil herb or different applications.”

Anyone in the University community is welcome and can visit [Facebook](#) for more information about what’s happening each week.



Community gardens at City West. Photographer: Peter Andrinopoulos.

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**University of  
South Australia**

## From the Chancellery

[Back to story index](#)



INSIDE UNISA

First-hand experience is the only way to really fathom anything.

So it was I found myself behind the wheel of a Toyota ute, bouncing along a bush road in the red dust cloud thrown up from a distant lead car which, combined with my own, was carrying eight UniSA staff members into the APY lands.

The University has had a presence in the APY Lands since before it was a university.

In 1984 we began delivery of the Anangu Tertiary Education Program (AnTep) in Ernabella. The program was established to provide formal teaching qualifications for Ananganu, enabling them to educate others in their communities.

The program has enjoyed many successes across a long and proud tradition, but accreditation externalities have precipitated a need for change, and our visit was to plan for the future.

We were venturing into a community grieving the tragic loss of nurse Gayle Woodford and emotions were high. Coming as I do from quite literally the far side of the planet, I wasn't quite sure what to expect.

What I didn't expect was to see just how impactful the University of South Australia has been in the lands. The number of alumni we encountered was, quite frankly, astonishing.

Across the days, we would find graduates - Anangu and non-Anangu - in the community who told us their stories of how the University and AnTep had shaped them, empowered them or inspired them.

We also met current students from UniSA College, whose passion for learning and belief in the transformational power of education for their community was palpable and inspiring.

A barbecue we had on our second night could just have well been badged as an alumni event.

As the snags sizzled ,the heavens turned on a magnificent display overhead and Waltzing Matilda was sung in Pitjantjatjara, I was thinking to myself – you can read reports, listen to updates, infer some level of understanding from what you hear around the traps, but you never really grasp the essence of a thing until you experience it yourself. Learning by doing.

I learned a lot on the APY Lands. The University of South Australia is a good teacher.

**Professor David Lloyd**  
**Vice Chancellor and President**  
**Chair of the Australian Technology Network of Universities**

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[top^](#)

## Achievements and Announcements

[Back to story index](#)

[Top minds feature in UniSA's Planet Talks at WOMAD](#)  
[Nurse researcher awarded Ian Davey Prize](#)  
[Incredible experience at world uni cycling champs](#)  
[Visiting Fellowship at Oxford University for Dr Sara McLean](#)  
[International recognition for simulated learning at UniSA](#)  
[Young South Australian achievers recognised](#)  
[Journalism student urges multiculturalism changes](#)  
[Vice Chancellor's awards for Professional Staff Excellence](#)  
[New innovation strategy supports bright new ventures](#)  
[Images of research: photography competition now open](#)  
[Talking Papers](#)

### Top minds feature in UniSA's Planet Talks at WOMAD

WOMADelaide 2016 saw some of the best minds in the world come together for UniSA's *Planet Talks* in a series of conversations discussing sustainable solutions for the environment and our future.

Festival-goers could also take part in two interactive workshops hosted by UniSA's own PhD student Georgia Pollard and Professor of Environmental Mathematics John Boland.

After a rousing keynote speech from famed scientist, broadcaster and environmental advocate Dr David Suzuki, a panel of speakers examined how vital our human connection with nature is under the topic of 'what's love got to do with it'. Panel members included best-selling food sustainability author and journalist, Indira Naidoo; National Director of the Seed Indigenous Youth Climate Network, Amelia Telford; and scientist and ABC host, Robyn Williams.



On day two, Internode founder, Simon Hackett; environmental campaigner, Dan Spencer; and Felicia Whiting who leads the business division of Infratech Industries, participated in 'off the grid changes', where they all echoed the importance of a connection with our environmental evolution.

"Talking about the transition to renewable energy is not just a technical conversation; it's also a values-based conversation. I think it really goes down to how we value people," Spencer said.

Whiting stated it also means you can easily start thinking about the often-overwhelming topic of energy efficiency with your own personal choices.

"Your mode of transport, how you get to work, what are you buying in the shops? Those kinds of choices are all sustainable choices," Whiting said.

On the final day, geologist and Harvard professor, Naomi Oreskes; science broadcaster and author, Dr Karl; and UniSA's Deputy Vice Chancellor and Vice President of Research and Innovation, Professor Tanya Monro, discussed whether we should trust scientists.

Oreskes and Prof Monro both agreed education was the key to building this trust in scientists as it also encourages people to ask questions.

"The most important thing we can do in science education is to educate people about that process," Oreskes said.

"I also think the more we train people in how science works, the more they will start to ask all of the questions

that help you understand the robustness of what's been concluded," Prof Monroe said.

*If you missed any of UniSA's Planet Talks at WOMADelaide this year, the videos are available at [unisa.edu.au/planettalks](http://unisa.edu.au/planettalks).*

*See more photos from WOMADelaide on our [In Pictures](#) page.*

## **Nurse researcher awarded Ian Davey Prize**

An annual award for UniSA's most outstanding research thesis has been awarded to a student whose research has led to changes to international guidelines about infusion therapy for the benefit of patients across the world.

Dr Rebecca Sharp from the School of Nursing and Midwifery was awarded the \$5000 Ian Davey Research Thesis Prize for her PhD research about vascular access devices - that is tubes inserted into the veins of patients to give treatment such as stem cells and chemotherapy.

Dr Sharp explains that while these devices allow many patients to complete their required treatment, they may increase the risk of adverse events such as blood clots; causing discomfort, interrupting treatment and may be associated with increased morbidity and mortality.

"There has been no evidence to guide clinicians regarding safe vein sizes to use to minimise blood flow interruption and hence the risk of blood clots," Dr Sharp says.

"During my PhD I was working with nurses at the Royal Adelaide Hospital to measure vein diameter and followed patients to see if they developed blood clots.

"We found that clinicians shouldn't take up more than 45 per cent of the vein with the device.

"My results have now been published by the Infusion Nurses Society in the international guidelines for infusion therapy.

"These practice standards are followed by clinicians throughout the world – it is such an honour for my work to be included in the standards alongside very experienced researchers; and it is satisfying to provide this evidence and potentially reduce adverse events for patients requiring infusion therapy.

"I am also very honoured for my research to be acknowledged with the Ian Davey award. The project was a team effort, including my supervisors and clinicians from the Royal Adelaide Hospital."

The Ian Davey Research Thesis Prize fund supports a prize to acknowledge the most outstanding research thesis by a UniSA research degree student leading to a PhD. The award aims to encourage the recipient to travel overseas and undertake research.

Dr Sharp plans to travel to a conference overseas to present her work. For more information about her work, see our [media release](#).

## **Incredible experience at world uni cycling champs**

UniSA was represented at the World University Cycling Championships in the Philippines last month by student Maddie Steele racing for Team Australia.

It was the first time Australia has been represented at the World Championships and Maddie who is a Master of Architecture student said the experience was incredible.

"It wasn't just the racing at an international level that was amazing but also the social aspect of it," Maddie said.

She competed in two events, finishing 16th in the criterium and 14th in the road race and said she was a little disappointed in the results for reasons out of her control.

"Unfortunately, they changed the course of the criterium, which would have been my favoured event, to make it on the side of a cliff. So I was doing a hill climb instead of a sprint which is my preferred style of racing," she said.

"The course was ridiculously steep with really tough loops. It was the most mentally challenging race because it was the most climbing I've ever done, and at the end of it I was exhausted."

Nonetheless, Maddie said that racing was amazing, due to the location, the quality of the athletes she competed against, and the quirks that came with racing in the Philippines.



Maddie Steele. Image courtesy Oldembarces.

"I experienced some things while racing that probably wouldn't happen in Australia, such as a motorcycle taxi following me for five kilometres through the mountains and keeping me company, having to weave through standstill traffic because they couldn't keep the roads closed and going through the final town when people were lining the streets," she said.

"Kids were coming out of schools and throwing water on us as we were riding passed, it was just an amazing atmosphere."

Maddie's Australian teammates were two male competitors from Melbourne University and as they didn't have a team manager, the three of them supported each other during the event.

"It was important that our team made the event a success so people back home would see that sending a team over is worthwhile," Maddie said.

"The three of us are the pioneers for Australians in this event; we wanted to set a standard so there is more hope of a stronger Aussie contingent at the next event which is in Portugal in two years time."

"It's important that Australians participate in events like this, as it's a major development step and it gives the athletes the opportunity to be seen by others on a world stage.

"I think we were seen as a positive team, not only through the results, with one of our team members winning a gold and bronze medal at the event, but also in the way we conducted ourselves and interacted with the rest of the competitors."

About 120 competitors took part and Maddie said many of them were an amazing support.

"I made great friends with a number of people, especially within the South African team. It was a great opportunity for me to establish connections with other racers and become part of the broader cycling community.

"Now, I will be able to go over and race in South Africa and likewise I can help organise overseas competitors to race in Adelaide."

"The networking was just an added bonus to an all-round incredible experience."

### **Visiting Fellowship at Oxford University for Dr Sara McLean**

Dr Sara McLean is undertaking a Fellowship at Oxford University this month, an opportunity to develop partnerships and further her research into the mental health and behavioural needs of children placed in care.

Dr McLean is a registered Psychologist and Research Fellow at UniSA's Australian Centre for Child Protection.

She will be based at the REES Centre for Research on Fostering at Oxford University; where she will deliver a series of workshops and lectures.

During her Fellowship, Dr McLean will contribute her expertise to a range of collaborative projects on the mental health and educational needs of children who are placed in foster care, led by Oxford University in partnership with several universities across the United Kingdom.

"As part of my Fellowship, I will also visit leading innovative foster care support programs, including the Mockingbird Carer Hub service and the Multi-dimensional Treatment Foster Care program," Dr McLean said.

"One important outcome will be to form partnerships with leading researchers and services that provide support to children affected by Fetal Alcohol Spectrum Disorder."

Approximately 20 – 30 per cent of children in out-of-home care are believed to be affected by this disorder and Dr McLean's Fellowship will enable her to partner with international practice, policy and research leaders in the field.

"Fetal Alcohol Spectrum Disorder results in a range of life-long learning, behavioural and social difficulties and affected children are over-represented in foster care and youth offending populations," said Dr McLean.

"My Fellowship will further develop research partnerships between Oxford's REES Centre for Research in Fostering, and the Australian Centre for Child Protection in the support needs of children in foster care and especially those children living with Fetal Alcohol Spectrum Disorder."



## International recognition for simulated learning at UniSA

UniSA senior lecturer Maurizio Costabile has received an international award recognising his progressive use of simulated learning techniques.

Dr Costabile is one of only nine recipients of the 2016 Online Learning Consortium Effective Practice Awards, selected through a peer review process and to be presented at a conference in New Orleans this month.

He says this is a nice recognition of several years of work developing simulations to assist in student learning through practicals in UniSA's School of Pharmacy and Medical Sciences.

"I have always embraced new teaching approaches, but in the last three years I have developed a series of simulations to assist students in the teaching and learning of Biochemistry practicals," says Dr Costabile.

"As a result of the benefits to student performance, I was successful in gaining funds through the digital teaching equipment fund initiative in 2015."

This funding allowed Dr Costabile to develop further simulations in his two main areas of teaching – Biochemistry and Immunology.

"I just love being able to help students learn in areas they have no knowledge or only limited knowledge about," he says.

"I really enjoy seeing that 'aha' moment when a concept becomes understood and the entire area that is being discussed comes into sharp focus for the student."

"I also enjoy trialling new learning approaches as it helps to keep the teaching approach fresh and new."



## Young South Australian achievers recognised

Two UniSA graduates were among category winners in the 2016 Channel 9 Young Achiever Awards last month.

Acknowledging and encouraging positive achievements of all young people up to and including 29 years of age, the 2016 Channel 9 Young Achiever Awards were announced at a gala event on March 12.

UniSA graduate and staff member Kimberley Hunter was recognised with the Office for Youth Aboriginal Achievement Award for using her skills as an Occupational Therapist to help bring about change to social determinants impacting on the health of Aboriginal people.

Fellow graduate Aref Ahmadi who has helped many young refugees meaningfully engage with their community and build social connections through sport was recognised as this year's winner of the Multicultural Youth South Australia (MYSA) Spirit of Resilience Award.



UniSA's Kimberley Hunter was a category winner at the Channel 9 Young Achiever Awards.

A number of UniSA alumni were also nominated for awards.

While studying, Kimberley visited central Australia to promote health careers, volunteered for the Australian Indigenous Mentoring Experience (AIME) mentoring Aboriginal High School students, and is currently an Aboriginal and Torres Strait Islander Allied Health Officer with the UniSA Department of Rural Health in Whyalla.

"During my time as a student at UniSA, I volunteered for a variety of community organisations and events; in particular events related to Indigenous Health and mentoring young people," Kimberley says.

"I am honoured to have won this award, especially since the three other finalists are such inspiring individuals.

"It makes me feel very proud of my culture and the work that other young Aboriginal people like us are out there doing.

"I am passionate about Indigenous health and mentoring youth and I will continue to put my hand up for opportunities to work with individuals and communities because it is what I love.

Kimberley is a strong advocate for mentorship and helping others grow, having experienced the positive influence of mentors in her own life.

Having recently gained employment in UniSA's Department of Rural Health in Whyalla as an Aboriginal and

Torres Strait Islander Allied Health Officer Kimberley is hoping to learn from the communities she is working with and make some further positive contributions.

“As well as travelling the world, my dream is to work towards closing the gap in Indigenous disadvantage by using my skills as an Occupational Therapist to help bring about change for Indigenous peoples,” Kimberley says.

His own experience as an Afghan refugee inspired UniSA graduate Aref Ahmadi to get involved with Adelaide’s refugee and migrant communities including supporting new arrivals through the Multicultural Tennis program at the Grange Tennis Club.

“Despite the relief that came with my family moving to Australia, the first few years were really tough as I tried to adjust to the new culture, customs and learning the language,” Aref says.

“Multicultural Youth SA helped me with the resources and opportunities I needed to fully participate in social, cultural, economic and political life so I have taken as many opportunities as I can to help others in the same way.

“I used to just watch other people play tennis at Grange until one day, despite not having any shoes or a racquet, I was asked if I would like to have a hit.

“I just wanted to learn how to play tennis but I have received so many more opportunities including attending their Junior Development Course and now I run the program.”

Despite having graduated in 2013 and now working as a full-time accountant, Aref still spends many hours a week mentoring ‘at risk’ young people, on and off the tennis court.

“As treasurer and a coach at the Grange Lawn Tennis Club I needed to raise money and physical support to host our annual multicultural tennis tournament,” Aref says.

“By encouraging refugee kids to get involved with tennis we are breaking down barriers to settlement like racism and social isolation.

“If I have helped even just a few young people have an easier time settling into life in Australia then it will have been well worth my time and effort.”

### Journalism student urges multiculturalism changes

UniSA second year journalism and international relations student, Sowaibah Hanifie, was recently selected to be a panel member for a launch of a multiculturalism discussion paper by the Scanlon Foundation.

Sowaibah, says she learnt a lot from her experience as a panel member at the launch.

“The issue that really struck me from the launch was the discrepancy between the amount of people, at 85 per cent, who see multiculturalism as a positive yet still have dominant ideas of assimilation or fear towards diversity,” Sowaibah says.

“My hope for the future is to see a change in attitude towards diversity, with people willing to admit they may not know enough about a culture rather than assuming the worst.”

Sowaibah, who also represented South Australia at the United Nations Youth Summit forum last year in New York, is passionate about the media being a vehicle for change and once she has finished her journalism studies, she hopes to work as a journalist who can provide an alternative voice; raising issues, opinions and stories that do not usually receive mainstream airtime.

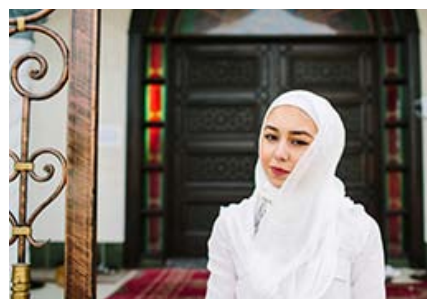
“As a journalist, I wish from my role to be a public servant, to be an educator, informer and watch-dog,” Sowaibah said.

“I want to put passion into my work and ultimately see the difference I can make in society through my career.”

She says for the future she hopes to see politicians leading the way to becoming an egalitarian society, moving beyond discrimination and scapegoating for votes and recognition; and to have a lot more diversity in our governments with greater representation of Indigenous Australians and migrant Australians.



UniSA graduate Aref Ahmadi receiving his Channel 9 Young Achiever Award.





“I want to be treated as a regular young woman. I want people to be able to see me for the person I am, not through the lens of news stories and misconceptions. Ultimately I want my religion to be free from the assumptions and judgements of people who know little about it.”

For more information on the Multiculturalism Discussion paper, visit the Scanlon Foundation [website](#).

## Vice Chancellor's awards for Professional Staff Excellence

The Vice Chancellor's awards for Professional Staff Excellence for 2015 were recently presented at a ceremony at City West campus.

These awards offer University-wide recognition of outstanding contributions by professional staff and are based on categories of excellence which reflect the University's Crossing the Horizon strategic action plan.

Upon presenting the awards Vice Chancellor Professor David Lloyd congratulated the recipients for the huge effort they have made on behalf of the University of South Australia.



Innovation in Infrastructure award winners – the Learning Analytics Project Team pictured with Vice Chancellor David Lloyd.

### Individual recipients

**Global Impact - Elke Seretis** (Ehrenberg Bass Institute); for raising the profile of UniSA internationally through the establishment and development of the Ehrenberg Bass Institute International Advisory Boards.

**Inspirational Leadership - Paula Fitzsimons** (ITEE); for her leadership role in the transition of the University's aviation programs.

**Industry and Community Engagement - Jodie Quilliam** (School of Health Sciences); for developing sustainable and mutually beneficial partnerships with industry to support the delivery of student placements.

**Service Excellence Culture - Sarah-Jane Branford** (EASS); for improving student outcomes through the development of innovative placement programs for early year psychology students.

### Team recipients

**Innovation in Infrastructure - Learning Analytics Project Team** (ISTS & TIU); for the development of the data rich, user-friendly Learning Analytics dashboards for academic staff.

Team members: Richard Lamb, Jarrod Sharp, Bradley Mack, Rachel Bee, Louise Spencer, Wayne Pedder, Brian Quick, Patrick Raets, Cassandra Colvin.

**Industry and Community Engagement - UniSA Career Services Volunteering Team** (SEU); for the design and implementation of the Community Connect volunteering program for students.

Team members: Froukje Jongsma and Frida Svensson.

**Industry and Community Engagement - UniSA Department of Rural Health** (Whyalla); for the establishment of successful community development projects under the summer community scholarships program.

Team members: Mellissa Kruger, Jess Law, Michelle Bochnicek, Rebecca Shammas, Lee Martinez.

**Service Excellence Culture - ERA Team** ( BIP); for the comprehensive management and delivery of the University's ERA submission.

Team members: Michael Crisp, Rebecca Law (ATN), Matthew Fenech.

## New innovation strategy supports bright new ventures

UniSA launched a new strategic plan for research and innovation last month in conjunction with a revamp of its commercialisation service, UniSA Ventures as a clear sign the University is poised to play its part in forging a new future for industry.

Vice Chancellor Professor David Lloyd says the joint launch emphasises the University's determination to play a major role in what the Federal Government has defined as one of 'the most exciting times in human history'.

“Given the expertise we have in the research community in South Australia, there is no reason at all why this State can't play a leading role in the



UniSA Ventures Chief Executive Stephen Rodda; Deputy Vice Chancellor, Research and

national research and innovation agenda,” Prof Lloyd said.

Innovation Professor Tanya Monro; and Vice  
Chancellor Professor David Lloyd.

“We stand ready to partner with industry, business and government to tackle the grand challenges we face at the local level and as a society.

“This strategy provides a clear focus on those challenges, but more than simply defining what we’ll be researching, it also defines how we will carry out the business of research. A feature is our deep engagement with industry so that the research we do has clear applications and purpose.

“And the strategy also underpins a research culture that fosters the development of new and talented researchers in an environment that is both ambitious and enterprising but also enlightened by a drive to contribute to a better world.”

The launch on March 22 at City West campus was attended by 140 people including researchers and partners from government, business and industry.

UniSA Deputy Vice Chancellor, Research and Innovation Professor Tanya Monro says the new 2016 – 2020 research strategy: *Inspired, partnered excellence* reflects UniSA’s position as the ‘go-to’ university for industry collaboration.

“The strategy outlines key areas of strength – including cancer prevention and future industries – but also key principles for the approach the university takes to research,” Prof Monro said.

“We’re good at connecting different disciplines, so when businesses or industries come to us with a challenge or problem, they don’t get a compartmentalised response. We follow the path to the solution and bring in our research experts from different fields to work together with industry to solve real world problems.

“The evidence is clear – the foundation for impact comes from excellence in research. There is no doubt with UniSA’s recent outstanding results in the national research assessment exercise (ERA 2015) we have a broad base of research fields in which we are performing at well above world standard.

“We are also moving to fast-track the development of high potential innovations through the refinement of our commercialisation arm, UniSA Ventures. This will help create jobs both in start-ups and by enabling innovation in existing companies.”

Chief Executive Officer for UniSA Ventures Dr Stephen Rodda says there have been clear signals from both the State and Federal Governments that universities need to lead in the innovation space.

“At UniSA we are fortunate to have had strong connections with industry woven through our history as an institution – we’ve always been interested in supporting innovation and improved outcomes in everything from sustainable primary production, right through to best practice in education and new treatments for cancer,” Dr Rodda says.

“The launch of our commercial operations under the new banner of UniSA Ventures represents some significant changes in how we operate including introducing much greater flexibility around Intellectual Property.

“We know that in the past industries have sometimes been discouraged from collaborating with universities, particularly around sticking points such as who owns the IP for new products or systems, so we have recalibrated how we do things.

“We have developed [new principles and removed the barriers around IP](#) and that is already paying dividends.

“In the past 12 months we’ve supported the evolution of three new companies and the entrepreneurial endeavours of both staff and students with high potential ideas.

“With an enterprising approach to research and industry engagement and the removal of barriers to commercialisation, we believe we are in the best position to fire up industry in SA and beyond.”

Read more about the [2016 – 2020 research strategy: Inspired, partnered excellence](#).

Find out more about [UniSA Ventures Pty Ltd](#).

### **Images of research: photography competition now open**

UniSA is seeking images that tell a story about its research and the people who make it happen in a photography competition open until May 30.

Upon launching the competition, the Deputy Vice Chancellor: Research and Innovation Professor Tanya Monro said the University was seeking

quality photographs that cause people to stop, pause, and ask questions.

“The image does not need to explain the research being conducted, but rather entice and captivate one’s attention to raise awareness about our research,” Prof Monro said.

“The 2016 competition follows the success of the inaugural competition in 2015, which produced some truly captivating imagery.

“This year it will again provide an opportunity for UniSA staff and students to showcase compelling research images.”

Eligible entries will be in contention for the following prizes – 1st prize: \$5000; 2nd prize: \$2000; and People’s Choice Prize: \$2000.

The 2016 *Images of Research: Engaged Research, Enterprising Researchers Photography Competition* closes Monday 30 May 2016, 5.00pm ACDT.

Further information about the competition as well as details about the prizes can be viewed on the [competition website](#).

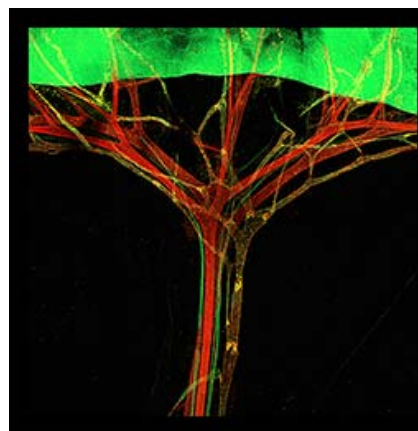
## Talking Papers

UniSA’s high impact research is highlighted in a new video series called Talking Papers.

The first release of this series features Professor Nico Voelcker on ‘nano algae turn cancer killers’, Dr Siobhan Banks on ‘better sleep for shift workers’, and Professor Adrian Esterman on ‘atrial fibrillation patients kept out of hospital’.

The Talking Papers series recognises selected academics with papers that have been published in high impact journals or that are classified as ‘hot papers’ receiving a high number of citations.

The first release of this new series can be viewed [here](#).



‘Vascular Tree’ – 1st prize winner in the 2015 UniSA Images of research competition from Dr Genevieve Secker, Centre for Cancer Biology.



[top^](#)

## Remembering child protection leader, Freda Briggs

[Back to story index](#)



Emeritus Professor Freda Briggs, AO. Photo courtesy of The Advertiser.

It is with great sadness that UniSA acknowledged the death of one of its most influential educators this month, Emeritus Professor Freda Briggs, AO.

UniSA Vice Chancellor Professor David Lloyd says Freda Briggs' career as a researcher and educator and a champion and protector of all children, but especially vulnerable children, has been an inspiration.

"For countless students Freda has been a role model in the field of child development," Prof Lloyd says.

"Her passion and determination for her work was always unbridled."

In recent weeks Prof Briggs (at the age of 85) had given papers and lectures to a consortium of International Schools on Child Protection and Child Development in Zurich Switzerland and most recently in Indonesia. She was the author of more than 20 books on child development and safe parenting and was considered a pre-eminent expert in this field.

UniSA has established the Emeritus Professor Freda Briggs AO Memorial Fund to honour Prof Briggs as one of its most influential educators. The [fund](#) will help to continue her legacy by supporting scholarships and grants for higher degree research in child protection in the areas of law, education and social work.

Starting out as one of the first female police officers in London, Prof Briggs was confronted with vulnerable children as part of her day-to-day work.

She later undertook teacher training at Warwick University and embarked on an academic career.

As a lecturer, she trained educators to identify children who were victims of abuse or neglect.

She immigrated to Melbourne in 1975 to take up a pioneering position as Director of Early Childhood Studies at the State College of Victoria.

Prof Briggs later moved to Adelaide and rose to the position of Professor of Childhood Development at the

University of South Australia.

She became Dean of the Institute of Early Childhood and Family Studies in Adelaide in 1980 and established a world first multi-professional course in child protection, assisting universities in the US, Hamburg and Brazil to create similar courses.

Across her career Prof Briggs has worked as a consultant/advisor, teacher/educator and policy development expert in areas as wide-ranging as providing advice on how foster parents can best support children who have been victims of abuse, right through to advising international governments on the best systems to support early childhood teaching and learning.

She was an expert witness in child abuse trials, advised the Scouts, the Christian Brothers, the Australian Defence Force (cadets) and the Anglican and Catholic Churches on the development of child protection protocols and guidelines, contributed to Senate enquiries and addressed the Australian Parliament.

In 1998, Prof Briggs was the inaugural recipient of the Australian Humanitarian Award. In 2000, she was the first woman and only the second person to be appointed Senior Australian of the Year for her pioneering work for child protection education and the protection of children.

She received the national Centenary Award for outstanding services to the nation and in 2005, she became an Officer of the Order of Australia.

In 2004, in recognition of Prof Briggs' multi-disciplinary research and expertise, Australian Prime Minister John Howard awarded a \$10 million endowment for the provision of a National Child Protection Research Centre at UniSA.

Prof Lloyd says in many ways she was an international treasure.

"Whether it be in advocating for children and the protection of children or championing the rights of older Australians to continue to work, achieve and be properly valued – Freda was there.

"She was the champion everyone wants on their side - dedicated, intelligent and brave – a force to be reckoned with.

"We have been very lucky to have her at UniSA and in our community. She will be missed."

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[top^](#)



## Three reasons why sleep is important for your health [Back to story index](#)

by UniSA's Siobhan Banks, Senior Research Fellow at the Centre for Sleep Research and PhD student Crystal Grant.



### RESEARCH SPOTLIGHT

Many of us don't get enough sleep on a regular basis. It might be due to a sleep disorder, busy social life, new baby, long working hours, shift work or just staying up too late binge-watching Netflix. But not getting enough quality sleep can have significant implications for health.

Large survey studies that ask about sleep habits and health show sleeping less than six or seven hours on average per night increases the risk for obesity, type 2 diabetes and heart disease.

A growing body of research is beginning to show how habitual inadequate sleep might alter our physiology and lead to the development of chronic disease.

The three main areas of response to sleep deprivation that have been examined are metabolic (processing and using energy from food), immune (protection against disease) and heart function.

To examine how these systems react to sleep deprivation in healthy people, volunteers are recruited to studies that require them to live in a laboratory environment from several days to weeks. Their sleep time is manipulated and access to food and drink, light, temperature, physical activity and social interaction are all controlled.

In these studies, participants may go without sleep for one or several nights (total sleep deprivation) or reduce sleep time for several weeks (partial sleep deprivation) to examine the impacts of changes to sleep duration on metabolic, immune and heart function.

### Metabolic and endocrine responses

A good deal of research suggests sleep loss impairs glucose metabolism, the process in which sugars from food intake is processed and stored or used to produce energy. Laboratory studies have consistently found short-term sleep loss decreases glucose tolerance and insulin sensitivity in healthy, young, lean adults.

If long-term, these changes to glucose metabolism could increase the risk of obesity and type 2 diabetes. Combine this with the tendency when sleep-deprived to eat comforting foods, which are higher in fat and sugar, and it's no wonder people who are sleep-deprived find it harder to lose weight than those who are well rested.

What's more, both total and partial sleep deprivation have also been found to modify the normal daily rhythms of appetite-regulating hormones. Leptin, a hormone that suppresses appetite, and ghrelin, a stomach-derived peptide that stimulates appetite, both change in response to sleep deprivation. When you do not get enough sleep, changes in these appetite-regulating hormones and an increase in food consumption could lead to weight gain and obesity.

These laboratory results have also been found in a large population-based longitudinal study of sleep patterns known as the Wisconsin Sleep Cohort. In this study, participants reported their sleep habits through questionnaires and sleep diaries and provided a blood sample on one morning, prior to eating, to evaluate leptin and ghrelin levels.

In this study, the people sleeping less than eight hours a night (74.4% of the sample) had an increased body mass index (BMI). Habitual short sleep was also associated with low leptin and high ghrelin. Since reduced leptin and elevated ghrelin are likely to increase appetite, this may explain the increased BMI observed and how insufficient sleep could contribute to developing obesity.

### **Immune responses**

Healthy sleep helps to maintain appropriate immune function. Sleep loss may lead to alterations in immune function, resulting in inflammatory disease, an increased risk of cancer and infectious disease.

One night of total sleep deprivation has been found to cause a reduction of natural immune responses. Total sleep deprivation has also been shown to elevate certain inflammatory markers that may lead to insulin resistance, heart disease and osteoporosis.

In one interesting laboratory study, partial sleep deprivation (six nights of only four hours' sleep per night) at the time of a vaccination was found to reduce the number of antibodies by more than 50 per cent 10 days after sleep-deprived participants received a flu shot. This shows that adequate sleep is needed for optimal response to infectious disease.

### **Heart health**

The prevalence of high blood pressure has increased in the last few decades. Over this period, habitual sleep duration has decreased. Recent studies have shown there is a relationship between sleep deprivation and high blood pressure and heart disease.

The Nurses' Health Study, one of the largest and longest-running studies assessing influences on women's health, found the risk of developing heart disease was increased in women who slept less than five hours (short sleepers) and more than nine hours (long sleepers).

Some potential reasons for the relationship between decreased sleep duration and heart disease may be sympathetic overactivity (bodily systems involved in the stress response commonly known as the fight-or-flight response), increases in blood pressure, or decreased glucose tolerance.

Another potential mechanism that might link sleep loss and heart disease is through the activation of C-reactive protein, a protein raised in response to inflammation. C-reactive protein is a marker shown to be predictive of poor heart health. It is elevated in healthy adults following both total sleep deprivation and a week of partial sleep deprivation.

### **The news isn't all bad though**

There is some evidence that by improving sleep we can reduce the impact of sleep loss and reverse its negative effects. Habitually extending sleep, taking naps and using weekends and days off to "catch up" on sleep may lessen the long-term adverse health impacts of sleep loss.

This article was originally published in [The Conversation](#).

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**University of  
South Australia**

## A touch of glass

[Back to story index](#)

by David Mellonie



ART AND DESIGN

UniSA PhD student and contemporary artist Tom Moore.

Contemporary artist, specialist glass blower and UniSA PhD student Tom Moore is a man whose fascination with glass has led him to work in a 'very expensive and esoteric profession'.

A Production Manager for 15 years at Adelaide's renowned JamFactory, Tom's quirky sense of humour and obsession with the ancient, intricate and once closely guarded secrets of Venetian glass blowing have propelled him down an idiosyncratic career path.

Now liberated from producing more conventional objects in glass, Tom has devoted himself to creating an eclectic range of carefully crafted glass sculptures of whimsical human, animal and plant hybrids.

Fish with wheels, plants with hands and cars with eyes: it's Mambo meets the Mad Hatter – and glassworks like you've probably never seen before.

A spectacular collection of Tom's recent works titled *The Bureau of Comical Ecologies* is currently appearing as part of *Magic Object* - the 2016 Adelaide Biennial of Australian Art.

Held every two years since 1990, the Adelaide Biennial remains the country's longest-standing survey of contemporary Australian Art, and this year is held across a number of venues including the Anne & Gordon

Samstag Museum of Art at UniSA, the Art Gallery of South Australia, JamFactory, Carrick Hill and the Santos Museum of Economic Botany in the Adelaide Botanic Gardens.

Tom's work is on display on the front forecourt and in Gallery 9 at the Art Gallery of and at the Santos Museum of Economic Botany during Magic Object.

One of the main works is titled *Magnified Planktonic Self*: a transparent vessel shaped like the body of a fish, inside which a bright green 'Jack and the Beanstalk' creeper with eyes on every leaf sprouts energetically out of a burning car.

According to Tom, *Magnified Planktonic Self* is a comment on the way that humans are changing their environment.

"I'm trying to both entertain and present a message in my glassworks," Tom explains.

"I like working with humour in my artworks because it enables me and others to engage more easily with what otherwise might be difficult or confronting themes."

Tom's concern about environmental change is inherent in many of his current works, and reflects his role as a parent, artist and consumer in a fast-paced, technological society.

"I'm aware that like everybody else, I'm a part of the problem as well as part of a possible solution," he says.

"I'm trying to invite people who view the work to think about our place in the environment and what the future might hold for us."

Tom says that the burning car is a symbol of one of the machines that are such an everyday part of our lives and have had such a huge impact on our environment.

"The flames are a spectacular visual device and also a metaphor for the speed and level of destruction that humans are causing to our planet," he explains.

"But the big creeper growing out of the burning car is also a message of possible hope – that nature seems to be able to regenerate despite all that we do to it."

In addition to the glass original, Tom's *Magnified Planktonic Self* has been transformed into a large inflatable designed for the Art Gallery's main entrance on North Terrace. He also designed a limited edition of miniature 'snowdome' versions of the work.

Tom's striking range of glassworks is on display in *Magic Object* until May 15 as part of the *2016 Adelaide Biennial* – an Art Gallery of South Australia exhibition presented in partnership with the [Samstag Museum of Art](#), and in association with the Adelaide Festival of Arts.

At UniSA, the Samstag Museum of Art has extended opening hours for the [Magic Object](#) exhibition from 10am – 5pm, Monday to Saturday until May 14.

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## Setting girls up for success in physical activity

[Back to story index](#)

by Katrina McLachlan



HEALTH

A new UniSA research study is seeking to better understand why there is such a gender divide between boys and girls when it comes to movement skills.

Increasingly research shows that girls lag behind boys in their movement skills, balance and physical activity and that the gender gap only widens as girls get older.

Dr Margarita Tsiros, researcher and physiotherapist from UniSA's Alliance for Research in Exercise, Nutrition and Activity, says that girls may lack some of the basic movement skills and balance needed to be able to participate fully in physical activity.

"There is such a big push at the moment for children to be as physically active as possible, particularly because we know it is so important for maintaining a healthy lifestyle into adulthood," Dr Tsiros says.

"The problem is that many girls may have limitations in their physical skills – especially when it comes to ball skills, making it more challenging for them to engage in sports for instance."

Dr Tsiros says reduced balance is another factor that could contribute to any difficulties girls may be having.

"Having good balance and stability is an essential part of being able to perform more complex skills like rolling or kicking a ball, catching, throwing, running and jumping," she says.

"Interestingly, our prior research shows that girls may be particularly at risk of poor balance and that a range of factors might be important, including body size and activity levels.

"Girls tended to be less active than boys, and they found it more challenging standing on one leg on a balance beam.

“These are interesting findings that we want to explore further, so we can better-design therapy programs to improve balance and movement skills in girls – that way, we can set girls up for success in sport and physical activity and ultimately, better health in the long-term.”

Dr Tsiros is seeking girls of all shapes, sizes and activity levels aged eight to ten years of age to take part in her study.

Eligible girls and their parent would need to attend the University of South Australia for a two-hour visit and will wear a movement sensor for a week. Participants will receive \$100 for their time.

For more information about the study, parents can phone (08) 8302 1365 or email [sansom.researchvolunteers@unisa.edu.au](mailto:sansom.researchvolunteers@unisa.edu.au)

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## Smarter use of water to stimulate new industries and jobs

[Back to story index](#)

by Hannah Saldaris



SCIENCE AND TECHNOLOGY

UniSA research student Eugene Moore is investigating the use of fish farm wastewater to grow vegetables.

With the world's water shortage crisis on-track to worsen over the next decade, smarter ways of using water are becoming increasingly important.

According to the United Nations, one fifth of the world's population live in water scarce areas and by 2025, this is expected to rise to 1.8 billion people, equating to two-thirds of the human race.

South Australia will not escape this fresh water crisis, already listed as an area where water is a scarce resource.

Innovative research is needed to examine new ways to use the fresh water we currently have and UniSA Natural and Built Environments research student Eugene Moore is doing just that.

Eugene is working with local business and industry to investigate the potential of reusing wastewater from fish farms to grow vegetables in soil and hydroponically.

Supported by funding from UniSA and the SA Government's Catalyst Research Grant scheme, with in-kind support from Salisbury Council, Eugene's research looks to develop an alternative to aquaponics that is successful on a large scale.

"Aquaponics, the integration of hydroponics and aquaculture, is a highly efficient food production system," Eugene said.

"These systems are most commonly used at a small scale in backyard or hobby contexts. I'm interested in manipulating the system so that it can be more successful on a large scale.

"Australia and the world are facing a water shortage crisis. We need to be smarter about the way we use water.

“Reusing wastewater to grow crops saves water but also makes use of the many nutrients available to plants and ultimately reduces reliance on fertilisers.”

Eugene says it is currently common practice for fish farmers to discharge their wastewater into the environment or leave it to evaporate, using dams.

“On large scale intensive fish farms, thousands of litres of nutrient-rich water are being discharged each day, having a potential negative effect on the receiving environment,” Eugene said.

“If wastewater is easily reusable, then it becomes valuable and farmers will be less likely to dispose of the product.”

Eugene’s project has been of keen interest to the Salisbury Council which may look to extend his wastewater research project to other companies in the northern area.

“Salisbury Council has been really supportive of my research, providing the water, electricity and land for my research site at Bolivar,” Eugene said.

“I have been able to run a series of successful experiments using the wastewater from the fish farm to irrigate vegetables in the greenhouse.

“The South Australian Government has high hopes that northern Adelaide will become the food bowl of the State. Salisbury Council is interested in not only keeping the site I’ve created but applying the research into other forms of wastewater, not just what is used for fish farms.”

Manager of Salisbury Council’s water business Bruce Naumann aims to diversify the current business and expand the beneficial reuse of treated wastewater.

“Salisbury Council’s strategy is to support existing business and attract new business in order to increase job opportunities for our residents,” Naumann said.

“Eugene’s project has identified the potential for wastewater reuse for agriculture or horticulture to make real inroads in reducing costs to industry.

“Using Eugene’s cost-saving water reuse method, we hope new job opportunities and industries will take root in the north.”

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## New report shows teens want sex education that's about more than the sex

[Back to story index](#)

by Michèle Nardelli



HUMANITIES

Young people have spoken. In an era where information about sex and sexuality is pervasive on the internet, they say sexuality education classes at school need to be about much more than just sex.

A UniSA report released in March summarising the views of more than 2000 students, aged between 13 and 16 years from 31 high schools in South Australia and Victoria, found that while students counted on sex education classes in schools as an important source of information, they wanted more from the classes than just a biology lesson.

The report, *'It's not all about sex: Young people's views about sexuality and relationship education'*, showed that for both boys and girls, school sexuality and relationship classes were their number one source of information and also one of the most trusted sources.

Lead researcher for the study, UniSA's Emeritus Professor Bruce Johnson says that 77 per cent of girls and 74 per cent of boys cited school sex education programs as their number one source of information about sexuality and relationships, with friends coming in as their second most likely source.

"I think this is evidence of some really good work taking place in SA to support teachers both in the development of materials and in providing professional education for teachers," Prof Johnson says.

"The study was also designed to see how we might improve what we are doing and it has delivered some interesting results.

"Students were interested in more than the biology of sex or the usual run down on safe sex practices; they wanted to know about love, starting a relationship, gender diversity, breaking up, violence in relationships,

sexual pleasure and a range of other topics.

“Research done previously shows that because adults usually decided what was taught in sexuality and relationships education classes and were also the people evaluating how these programs were received, we are at risk of actually not addressing some of the issues of most concern to students.

“There will always be some sensitivity around how these subjects are taught, but having input from high school students is vital if we are to be able to reach them with the information that matters the most to them as they grow up.”

While school sex education programs were the number one source of general information for both genders, for girls, mothers were their most trusted source of information about sexuality and relationships at 67 per cent with school programs a close second at 64 per cent; while 68 per cent of boys put school programs at the top as their most trusted source of information.

When asked what they wanted to learn more about, the gender divide became more stereotyped.

Girls wanted to learn more about gender diversity (52 per cent), violence in relationships (54 per cent) staying safe online and ending a relationship, while boys wanted more information on how to have sex (38 per cent), sexual pleasure (38 per cent), different sexual acts, masturbation and pornography.

However, both boys and girls said they wanted to know more about love and starting a relationship.

More girls than boys said they felt embarrassed learning about sexuality and relationships in mixed gender classes.

In Victoria, 51 per cent of the Victorian students surveyed reported that they felt embarrassed, uncomfortable or annoyed during sexuality and relationship classes, whereas in SA only 40 per cent reported the same.

In South Australia, 81 per cent of SA students said they had been taught about respect in relationships but only 75% of Victorian students reported the same.

The research has been undertaken as part of the Engaging Young People in Sexuality Education Research Project funded by the Australian Research Council and supported by the departments of education in South Australia and Victoria.

Its aim is to contribute to the future development of relevant and authentic sexuality education resources for the National Curriculum in Health and Physical Education.

The research is being conducted by a cross-institutional team involving experienced researchers and professionals from the field of education in sexuality, health and relationships including Emeritus Professor Bruce Johnson, Dr Peter Arnold, Dr Clare Bartholomaeus (UniSA), Associate Professor Lyn Harrison, Dr Debbie Ollis, Dr Leanne Coll (Deakin University), Dr Helen Calabretto, Jane Flentje (SHine SA), and Professor Colleen McLaughlin (University of Sussex).

More information about the research is available [here](#).

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## Morrison magic to jazz up SA's appeal abroad

[Back to story index](#)

by Will Venn



HUMANITIES

William Morrison at Mixmasters recording studio.

An innocuous looking building, blending into the residential surrounds of Hawthorndene, in the Adelaide Hills appears the unlikely venue for a piece of music to be created which could potentially reach an audience of millions in China.

But in the basement of this building is Mixmasters recording studio, a soundproofed shrine to creativity, packed with vintage instruments, amps, and a control room with a console that wouldn't look out of place on a spaceship.

In one corner of this studio is James Morrison, jazz legend and founder of the UniSA-partnered James Morrison Academy of Music in Mount Gambier, tinkering away on a keyboard, while several students from the academy tune instruments in preparation to record a special composition.

The composition is a five minute long piece of music, written by James' son, William, celebrating South Australia's relationship with Shandong province in China, that will be used in conjunction with video footage of the State as part of a showcase promotional campaign.

William, a second year student at the James Morrison Academy, who is studying for a Bachelor in Music majoring in Jazz Studies, was selected by a panel to have his composition used in the campaign, and he reveals an interesting source of inspiration behind the track.

"The brief was to write a tune for an advert to be shown in Shandong province in China, which would fit the theme of a tourism video for South Australia," William says.

"I was in America at the time, but I just started writing it, looking for nice harmonies and I started to listen to the Doobie Brothers, getting some of that funky harmony.

"It was a good and happy vibe for a tourism video, so I went down that path, and after a selection process I was asked to do an arrangement of the tune, adding some horns and a full rhythm section. In terms of genre I'd describe the track as smooth jazz."

William spent the day recording the track along with three other students of the James Morrison Music Academy – Lachlan Hamilton, Harry Morrison and Patrick-Earl Danao.

"It was great to hear the music that was created in my mind come to life in the studio and also great to hear how the other musicians interpreted my tune," William says.

James Morrison said the recording session was an exciting project for the musicians involved.

"This was about recording a piece of music that's been written to go with footage presenting South Australia to a Chinese audience, that gave a feeling of connection, a feeling of friendship and welcome, to accompany some wonderful images of South Australia," James says.

"It's meant to be accessible for an audience but quite different, quite distinctive. One of the criteria was, if you heard this music and saw this footage of SA, then later on if you just caught this music you would think, that's South Australia.

"In this case the music will be done first, then the footage cut to it.

"Right now we are at that great moment before you start recording when there are bits of paper with music on them and a few sounds happening but it hasn't all been brought together yet."

Reflecting more widely on the success of the academy, which has just celebrated its first anniversary, and is helping put Mt Gambier on the map as the jazz capital of Australia, James is full of praise.

"We've had a fantastic first year, the students are just so enthusiastic and so into the music. The passion and the results we are getting are quite astonishing," James says.

"It's exceeded my expectation and our association with the University of South Australia is just working beautifully."

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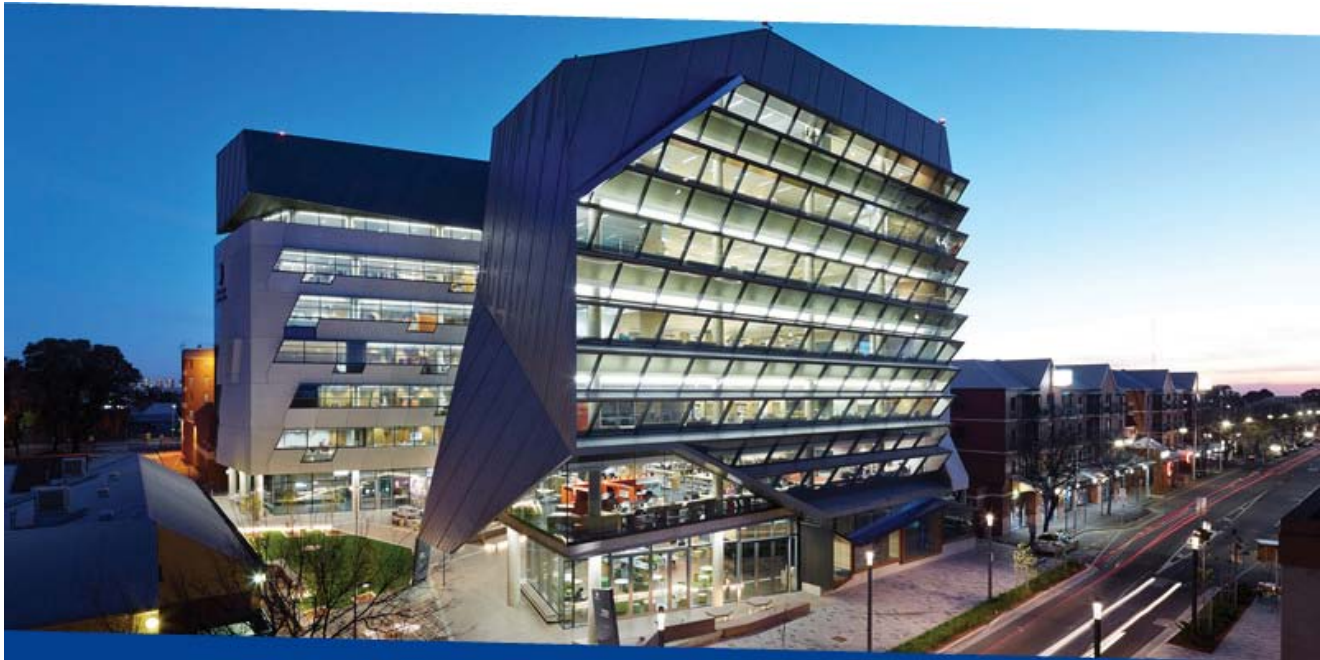
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[top^](#)

## SA's top university in nursing and arts

[Back to story index](#)

by Mary-Jane McArdle



INSIDE UNISA

UniSA has been ranked number one in South Australia and in the top 50 in the world for nursing in the latest QS subject rankings.

Nursing is a new subject ranking this year and considering the many thousands of nursing schools around the world this is a great achievement for the University.

UniSA has featured in 13 of the 42 Quacquarelli Symonds (QS) subject rankings, also ranking number one in the State for Art and Design, and Architecture and Built Environment.

Head of School of Nursing and Midwifery, Professor Carol Grech says this announcement is great validation for the University's teaching and research, and acknowledges the significant work that has been undertaken to enhance the profile and reputation of the School and University globally.

"Many of our graduates hold senior positions across the globe and are changing the face of nursing and midwifery services worldwide," Prof Grech says.

"Our work to produce the best nursing and midwifery graduates and drive industry relevant research to improve health outcomes is always at the forefront of our planning.

"To have achieved this international ranking, coupled with an Excellence in Research for Australia (ERA) score of five (well above world standard) in 2015, confirms the wonderful work of our highly skilled staff is benchmarked internationally and nationally.

"Being in the top 50 nursing schools worldwide will also bring even greater awareness of the impact our research has on the health outcomes of the community."

Head of School of Art, Architecture and Design Professor Mads Gaardboe said ranking in the world's top 100 for Art and Design, and Architecture and Built Environment was a significant achievement.

"It is a pleasing affirmation that the School's successful balancing of creative practice and theory is acknowledged internationally," Prof Gaardboe said.

"And this is enhanced by our unique working environment, with close physical proximity of our different architecture, design and visual arts disciplines.

"As one of the only Schools in Australia to combine art, architecture and design disciplines, we are able to introduce students to working across creative disciplines, which resembles the situation they will find themselves in when joining professional practices.

"This undoubtedly influences the success our graduates have had when seeking jobs in a competitive marketplace.

"When we take into account the number of institutions on the world stage, to be ranked in the top 100 worldwide serves as a great endorsement for our approach and of course for our staff."

Education at UniSA also featured in the top 100 again this year; which has been a consistent result in these subject rankings over the past few years.

The University placed in the world's top 150 for Accounting and Finance and in the top 200 for Computer Science and Information Systems, Psychology, Business and Management.

Engineering – Electrical and Electronics, and Environmental Science at UniSA feature in the top 250 in the world.

This success in the subject rankings follows on from the University rising 16 places to 25th in the QS World University Rankings for world universities under 50 years old.

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## Have your say on the University's future; unijam May 19-20 [Back to story index](#)

by Michèle Nardelli



INSIDE UNISA

It is coming soon...your chance to join unijam. You need no musical instruments to join the jam, no strawberry conserve, no pyjamas and definitely no Rasta dos.

Instead, on May 19 and 20 we're after your ideas, your considered opinions and your aspirations for the University into the future – in short we want some engaged participation.

UniSA broke new ground in 2013 when it was the first university in the world to work with IBM to deliver unijam – an online conversation set around themes, conducted with students, staff and friends of the university across the world and all compressed in a 36-hour time frame.

It was exciting, creative, and full of big ideas. There was a strong sense that there were deep, shared values in the university and its wider community and a belief in the quality and importance of UniSA.

Out of the first Unijam came some brilliant ideas... "let's build a great hall – one that will be fit for graduations and other significant events, but that can also be a hub for students sports and activities in the city" ...and now the Great Hall is under construction.

The jammers wanted campus clothing we could be proud of, a bus to connect Magill and Mawson Lakes campuses, community gardens, a refreshed look at how we structure teaching, they wanted to work to become the university of choice for Aboriginal students, and so much more.

Some things could be "made so" very quickly and others became the goals of our strategic plan *Crossing the Horizon*.

The goal for Unijam 2016 is not to revolutionise that plan, instead it is a conversation looking at what we can do to stay on track, to decide if some of the plans need tweaking and then to set some aspirations for the future.

We'll look at how we teach, how we promote science and creativity, how we can partner with industry and how we build a strong and vibrant university community.

As with our first unijam, the online conversation is the work of the University for all staff during unijam working hours and we will also be encouraging our students, alumni and a range of University partners and VIPs to join our conversation.

Registrations open on Tuesday, April 26 so sign up, sign on and make your contribution – it is an experience you won't forget.

Find out more and watch our unijam video on the [unijam website](#).

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University of  
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## New Books

[Back to story index](#)

### *Handbook of Academic Integrity*

A new book collating diverse views from around the world provides a comprehensive overview of the subject of academic integrity.

It's a topic that may seem relatively easy to address – students copying sources without attribution – and since the 1990s has become a central preoccupation for stakeholders in education.

However Editor-in-Chief Associate Professor Tracey Bretag says it turned out to be a very complex, interdisciplinary field of research requiring contributions from linguists, psychologists, social scientists, anthropologists, teaching and learning specialists, mathematicians, accountants, medical doctors, lawyers and philosophers, to name just a few.

Recent media scandals about contract cheating, essay mills and fake parchments have brought the subject of academic integrity into sharp focus, but until now there has been no single authoritative reference work which brings together the vast, growing, interdisciplinary and at times contradictory body of literature.

"*The Handbook of Academic Integrity* has collated diverse views from around the world and provides a comprehensive overview, beginning with different definitions of academic integrity through to how to create the ethical academy," Assoc Professor Bretag says.

"The Handbook also engages with some of the vigorous debates in the field such as the context and causes of academic integrity breaches and how best to respond to those breaches.

"New technologies that have made it easier than ever for students to 'cut and paste', coupled with global media scandals of high profile researchers behaving badly, have resulted in the perception that plagiarism is 'on the rise.'"

"This, in combination with the massification and commercialisation of higher education, has resulted in a burgeoning interest in the importance of academic integrity, how to safeguard it and how to address breaches appropriately."

Launched at UniSA's City West Campus, the handbook is for established researchers/practitioners/educators and those new to the field, providing a comprehensive resource as well as a launching pad for new explorations and discussions.

Assoc Professor Bretag says the book took two years to complete, has 90 authors (including 18 from Australia) and 120 peer reviewers.




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### ***Subversive Action: Extralegal Practices for Social Justice*, by Dr Nilan Yu**

A book project led by Dr Nilan Yu and co-edited with Deena Mandell, *Subversive Action* presents cases of extralegal action in pursuit of human rights and social justice, and explores the place of such action within the boundaries of social work.

Dr Nilan Yu is Program Director for the Master of Social Work in the School of Psychology, Social Work and Social Policy at the University of South Australia.

His research interests include critical practice, work in organisations, disability, labour migration, and human rights. One of his most recent works is a critical interrogation of Australian immigration policy.

Dr Yu points out that while definitions of social work often espouse such principles as social change, social justice, empowerment, and the liberation of people, mainstream conceptions of social work largely confine legitimate action in professional practice within particular political and legal frameworks.

“No room is given to actions beyond what is allowed by law referred to in the book as extralegal actions,” Dr Yu says.

“Contributions from social work academics and activists from around the world detail the different contexts where such actions have been undertaken and the different forms in which these may take.”

This book raises a number of questions including: How does one do social work in legal and societal contexts that challenge these principles with institutional and state-mandated exclusion and discrimination? Should social workers simply act within the bounds of the law in line with their professional sanction and mandate? Do their actions qualify as social work if they act beyond the limits of the law?

“In raising those questions, this volume provides a basis for reflection about the claims we make in social work embodied in discourses on social justice and human rights,” Dr Yu said.




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### ***First Person Shooter*, by Cameron Raynes**

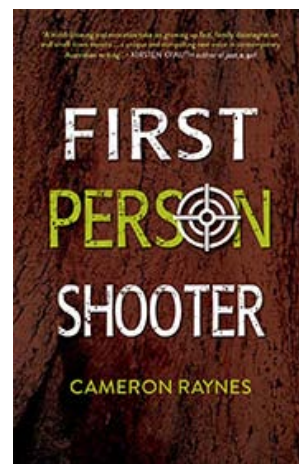
*First Person Shooter* is the first novel by Cameron Raynes, a Lecturer in the School of Communication, International Studies and Languages at UniSA.

#### **About the book**

Jayden lives with his father on the edge of a small country town. He stutters and is addicted to video games. His best friend Shannon knows how to handle a rifle. When her mum is released from prison, the town waits to see whether her sociopathic stepson, Pete, will exact revenge for the manslaughter of his father. Caught with ammunition at school and suspended, Jayden’s world disintegrates. As a drug war erupts, Pete gears up for his violent assault. Will it be left to Jayden to stop him?

#### **About the author**

Cameron Raynes has worked as a welfare officer, barman, anthropologist, historian, editor, archivist, writer and lecturer. He has a doctorate on the moral subtext of Aboriginal oral history and his expose of William Penhall, the head of the Aborigines Department in South Australia, was published in 2009 as *The Last Protector*. Cameron’s short stories have been published in *Wet Ink*, *The Griffith Review* and *Sleepers Almanac*. In 2008, he won the Josephine Ulrick Literary Prize and his collection of stories *The Colour of Kerosene*, was published in 2012. A stutterer from the time he could talk, this is the story he was born to tell.




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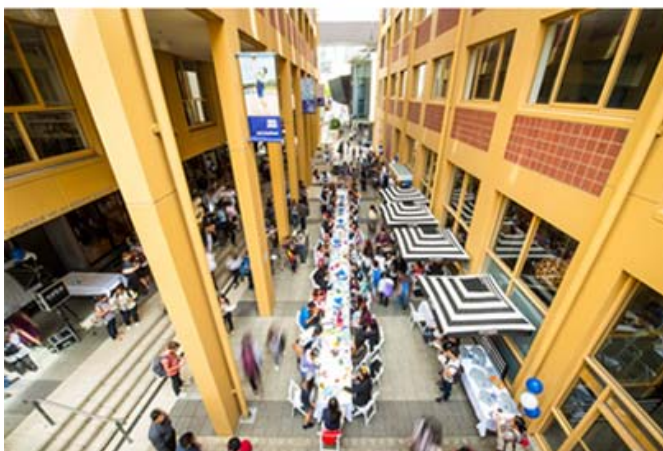
## In Pictures

[Back to story index](#)

### 25th birthday parties on campus

As part of its year-long celebrations, UniSA hosted 25th birthday parties on each campus last month. Like any good birthday party, staff and students took some time out to enjoy free party food, popcorn, birthday cake and DIY cupcake decorating along with party games and music.

#### City West campus



City East campus



Magill campus



Mawson Lakes campus





Mount Gambier campus



Whyalla campus



### Highlights from Head of the River

Nearly 1000 students from 15 South Australian secondary schools took part in the Head of the River last month – the pinnacle event on the South Australian schools rowing calendar. Hosted this year by Adelaide High School the event included 24 races on the Alex Ramsay Regatta Course at West Lakes. UniSA has been Head of the River's major sponsor since 2011 and Chief Academic Officer Professor Allan Evans presented many of the winning crews with trophies and medals.



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## WOMADelaide 2016

The University's activities included a photo competition, the Planet Talks series and a relaxing Tea Bar area, complete with furniture and a solar phone charging station designed and built by UniSA industrial design and engineering students. See the full report of the Planet Talks series [here](#).



[top^](#)

