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March 2017

> from the University of South Australia



COMMUNITY

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COMMUNITY

UniSA support keeps research on track for new mums [more](#)



INSIDE UNISA

UniSA top in SA for pharmacy, architecture, tourism, art and design [more](#)



EDUCATION

The next generation of Aboriginal educators [more](#)



INSIDE UNISA

From the Vice Chancellor [more](#)



INSIDE UNISA

The latest achievements and announcements [more](#)



SCIENCE AND TECHNOLOGY

Genetics researcher gives gift of life [more](#)



HEALTH

Testing the limits of human endurance [more](#)



HEALTH

Ride brings latest pain research to the regions [more](#)



COMMUNITY

UniSA researchers look to strengthen SA's tourism sector [more](#)



INSIDE UNISA

UniSA students and staff help save more than 4000 lives [more](#)



COMMUNITY

Riding the waves of success at UniSA's beach safety session [more](#)



COMMUNITY

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The latest books from UniSA researchers [more](#)



INSIDE UNISA

Highlights from the Media Centre [more](#)



IN PICTURES

WOMADelaide, O-Week and community gardens [more](#)

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[top^](#)

UniSA support keeps research on track for new mums

[Back to story index](#)

by Michèle Nardelli



COMMUNITY

A new fund will provide UniSA researchers who are also new mothers with the opportunity to access additional support to maintain the momentum of their research.

UniSA Deputy Vice Chancellor: Research and Innovation, Professor Tanya Monro, is making a personal donation to establish the scheme, *Research Momentum During Maternity Leave*, which will make \$80,000 available over the next two years.

The fund is designed to cover a range of ad hoc expenses that will make it easier for women to manage their research commitments and the demands of a new baby.

Prof Monro, one of the world's leading experts in photonics, had three children of her own during some of the most intensive periods of her research career.

"I understand only too well the absolute tension between wanting to keep the research on track and wanting to ensure you are giving your child everything they need in terms of care and nurturing," Prof Monro says.

"And sometimes it is the smallest supports that can make all the difference – support from a research assistant to keep vital experiments moving, a plane fare, someone to answer the phones and take care of an email backlog, a few hours of some accounting services.

"What I hope this fund will do is smooth out some of the little hurdles that slow women down at a time when they have a lot to contend with."

Prof Monro says the fund is designed to be flexible and will be granted to women in response to cases being put forward for support.



“I want the money to be used in ways that release the pressure on women researchers and helps them to keep momentum during their leave or shortly after their return to work without feeling they’ve had to sacrifice time with their baby,” Prof Monro says.

“Women at UniSA are involved in some really vital research – research that will make a difference to human health, the environment, to education and industry. It is important that we support them to make the developments and breakthroughs that are important for us all.”

UniSA is a member of the [Science in Australia Gender Equity \(SAGE\)](#) pilot program, which rates the gender equity policies and practices of participating organisations with gold, silver or bronze awards.

Modelled on the successful Athena SWAN Charter in the UK, SAGE is now a national program promoting gender equity in science and research organisations, particularly for woman in Science, Technology, Engineering and Maths.

UniSA researchers who are interested in accessing the *Research Momentum During Maternity Leave* scheme should keep an eye out for further announcements about how to apply. Enquiries can be directed to [Professor Pat Buckley](#), Dean of Graduate Studies.

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[top^](#)



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[Back to story index](#)

by Michèle Nardelli



INSIDE UNISA

UniSA was ranked number one in South Australia by QS for its Architecture and Built Environment subject areas.

The University of South Australia has improved its subject rankings across key industry-focused fields important to the South Australian economy in the 2017 QS subject rankings.

UniSA is number one in SA and in the top 10 nationally for Hospitality and Leisure Management, Pharmacy and Pharmacology, Art and Design, and Architecture and Built Environment. The University featured in 20 of the 46 subject rankings.

UniSA is also in the top 10 in Australia for Materials Science and improved its rankings in Nursing by two points putting it in the top 50 Nursing programs globally.

UniSA Vice Chancellor Professor David Lloyd says the general move up the rankings, particularly in areas where there is strong industry demand for top quality graduates, is satisfying.

“A key element of the design of our programs is to ensure not only that the academic learning is of the highest possible standard, but that there is continual input from industry and the professions so our students can see how they will apply their education when they graduate,” Prof Lloyd says.

“I am pleased to see that our quality education in some vital areas for South Australia is recognised.

“With major events such as the Tour Down Under, our fabulous Adelaide Festival of Arts and the Fringe, the Clipsal 500, OZAsia, WOMADelaide, and Tasting Australia all staged here and vital to the SA economy, it is important that we send out graduates with the best understanding of tourism and leisure event management to work in these demanding industries.

“I am also proud of our results in other key areas for the community, including health, where UniSA graduates go

to play a vital role as nurses and pharmacists, but also as the researchers who develop new medicines, treatments and best practice to improve the lives of people young and old.”

The QS World University Rankings by Subject are compiled each year to help prospective students identify the leading universities in a particular subject. For more detail see the [QS website](#).

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[top](#)

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Latest content revision: Thursday, 23 March 2017



University of
South Australia

The next generation of Aboriginal educators

[Back to story index](#)

by Rosanna Galvin



EDUCATION

Aboriginal teenager Tarni Rigney is following in the footsteps of her pioneering family members, becoming the third generation in the Rigney family to study education at UniSA.

> [UniSA backs national strategy to lift Indigenous participation in Higher Education](#)

Aboriginal teenager Tarni Rigney has become the third generation in her family to study education at UniSA after starting a Bachelor of Early Childhood Education degree last month.

Tarni is one of 11 Aboriginal students commencing an Education degree at the University this year.

Tarni comes from a family of distinguished Aboriginal educators. Her grandmother, Dr Alice Rigney, is an Honorary Doctor at UniSA and was Australia's first female Aboriginal school principal while her father, Professor Lester-Irabinna Rigney, is an award-winning Indigenous educator based at UniSA's School of Education.

Tarni says she hopes to change the lives of Aboriginal and Torres Strait Islander children through education.

"I want to use my career to give Aboriginal and Torres Strait Islander children a platform to succeed," Tarni says.

"My desire to study education was inspired by a trip to India last year to volunteer in schools and facilities with poor and disabled children. India is where I experienced the gift of community service, the power of schooling and the liberation education gives vulnerable communities.

"This experience was so profound it left me with an overwhelming sense of commitment to teaching as a career."

Tarni chose to study at UniSA to honour what has become a family tradition.

"My grandmother and father have contributed a lasting legacy in the education of Aboriginal and Torres Strait Islander children," she says.

"Their ground-breaking work was further inspiration for me to study education – and together with my aunty, they

have all completed education degrees at UniSA.”

Ambition to improve schooling outcomes for Aboriginal children

While her family history will stand Tarni in good stead, her focus is very much on the future.

“I want to change the poor schooling outcomes and current numeracy and literacy levels of Aboriginal children,” she says.

“Aboriginal students face a number of challenges. I want to be part of the support system that helps them through those highs and lows and instils in them a strong drive to achieve their goals, even when others doubt their abilities, as that is the formula for success.”

A report released in February by the More Aboriginal and Torres Strait Islander Teachers Initiative (MATSI) – a national five-year program headquartered at UniSA that concluded in 2016 – reaffirms that education students like Tarni will play a critical role in closing the gap between Indigenous and non-Indigenous Australians.

The report, which recommends increasing the Aboriginal and Torres Strait Islander education workforce from 1.2 per cent to closer to five per cent to reflect the percentage of Aboriginal students in Australian schools, states that Aboriginal and Torres Strait Islander students ‘cannot be what they cannot see’.

UniSA backs national strategy to lift Indigenous participation in Higher Education

UniSA has thrown its support behind a new national strategy that aims to boost the university enrolment and completion rates of Aboriginal and Torres Strait Islander students.

Universities across Australia will work together to increase the number of Aboriginal and Torres Strait Islander students enrolled by 50 per cent above the growth rate of non-Indigenous students.

Launched in Canberra earlier this month, the *Universities Australia’s Indigenous Strategy 2017-2020* also sets a target of equal success and completion rates for Indigenous students to non-Indigenous students in the same fields of study over the next decade.

Vice Chancellor Professor David Lloyd says the strategy complements existing plans and actions at UniSA designed to improve Indigenous participation and build respect for the enormous breadth of knowledge carried by people from one of the world’s oldest living cultures.

“This strategy will complement the achievements we have made through our Reconciliation Action Plan and through our strategic plan, *Crossing the Horizon*,” he says.

“Our focus is to build a culture of achievement and success for Aboriginal students which is underpinned through culturally appropriate supports such as Wirringka student services, our partnership in initiatives such as the Australian Indigenous Mentoring Experience, through the creation of the role of Pro Vice Chancellor for Aboriginal Leadership and Strategy and through new traditions that honour Australia’s first people.”

While the University has achieved steady growth in Indigenous enrolments in recent years, Prof Lloyd says it is committed to doing more with the goal of becoming the university of choice for Aboriginal and Torres Strait Islander people.

Nationally there is still a gap to close. Indigenous people comprise 2.7 per cent of Australia’s working age population but only 1.6 per cent of university domestic student enrolments nationally – up from 1.2 per cent a decade ago.

The strategy was developed in close consultation with the National Aboriginal and Torres Strait Islander Higher Education Consortium. For more information, see the related [media release](#).



The Universities Australia Indigenous Strategy 2017-2020 brochure.

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March 2017

> from the University of South Australia

From the Chancellery

[Back to story index](#)


INSIDE UNISA

I don't know about you but I feel the New Year, with all its possibilities, doesn't really start until we get new students on campus. That is when we become much more who we ought to be – teachers, researchers and those who support us, focused on preparing a new group of professionals to take their place in the new global economy.

While they are still new enough to be seen huddling around the campus maps looking for the buildings they're meant to be in, I can't help thinking that, lost as they might look right now, they did make a great choice when they chose the university that will launch them into their new careers.

Just recently we proved it one more time by being named as the number one university in South Australia – and among the top 10 in the nation – for studies in pharmacy, tourism, architecture and built environments, materials science, and art and design education. Future nurses of the world are enrolled in one of the world's top 50 programs.

Now, in case you haven't been listening, these are all vital areas for South Australia's economy, and future employers know that UniSA not only offers the best in the business when it comes to academic learning, but that that learning is relevant to the way those businesses and professions are conducted on a daily basis. They know our students are ready to hit the ground running once they graduate.

Not for nothing does the *Good Universities Guide* rank us as number one in the State for getting a full-time job.

We're building a culture of achievements and success at UniSA and that is especially aimed at lifting university enrolment and completion rates of Aboriginal and Torres Strait Islander students.

There's a new national strategy for universities across Australia, the first strategy of its kind, bringing together the nation's universities to achieve ambitious targets in Aboriginal student enrolments and success. It also commits universities to develop and implement meaningful strategies for Indigenous research, partnerships, community engagement and employment. You know that UniSA has a long history of support for Aboriginal and Torres Strait

Islander students. In 1973 our predecessor institution, the South Australian Institute of Technology, was home to the Aboriginal Task Force, the first Indigenous tertiary educational institution in Australia and the model for all of Indigenous education centres at other universities. Since then we have enshrined access to education for Indigenous students into our DNA, from our Reconciliation Action Plan to our support of the Australian Indigenous Mentoring Experience (AIME) and the creation of the role of Pro Vice Chancellor for Aboriginal Leadership and Strategy which Professor Irene Watson is leading with distinction.

So when you come across students still trying to find their way on campus, help them out. They are likely to be new students fresh from school, navigating the possibilities of further education. They may perhaps be people for whom study has never seriously been an option. They certainly are the future architects, art and design educators, materials scientists, pharmacists and nurses you'll need to rely upon one day. Give them a welcoming smile and make them feel at home.

Professor David Lloyd
Vice Chancellor and President

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[top^](#)



Achievements and Announcements

[Back to story index](#)

ANNOUNCEMENTS

[Health Innovation Building reaches new heights](#)

AWARDS

[Senior lecturer awarded Churchill Fellowship](#)

[Honorary Doctorate for former UniSA Vice Chancellor](#)

[UniSA talent recognised in arts awards](#)

APPOINTMENTS

[Leaders Institute of SA appoints new chair, board members](#)

[UniSA professor to provide advice on UK social care guidelines](#)

ANNOUNCEMENTS

Health Innovation Building reaches new heights

Construction of UniSA's Health Innovation Building on North Terrace has reached its highest point, with a "topping out" ceremony held to mark the milestone.

The 14-storey, \$247m health and research facility will support a collaborative and holistic approach to health research. The [Health Innovation Building](#) will be home to top flight cancer research, opportunities for innovation and collaboration with industry, pharmacy research and will house the Museum of Discovery.

The "topping out" ceremony held late last month celebrated construction reaching its highest point of 98m. Topping out is a builders' tradition held when the last beam is placed atop a structure during its construction.

UniSA celebrated the occasion with a tree on top – meant to bring vigour and good luck to the building and all who work in it.



Celebrating the "topping out" of the new Health Innovation Building, opening next year, which will be an integral part of the South Australian Health and Biomedical Precinct on North Terrace.

AWARDS

Senior lecturer awarded Churchill Fellowship

UniSA senior lecturer Dr Kylie Johnston has been awarded a 2016 Churchill Fellowship to learn new methods to manage chronic breathlessness using non-drug interventions.

The Fellowship will provide Dr Johnston with the opportunity to travel to centres of excellence in the United Kingdom (UK) and Canada that provide specialised breathlessness intervention services.

Dr Johnston will also visit projects that use innovative approaches to understand and change the experience of people with chronic breathlessness in the UK and United States of America.

The models of care and approaches used by the centres Dr Johnston will visit have been shown to relieve breathlessness-related suffering and improve quality of life, but these approaches are not currently part of health



services in South Australia. There is minimal involvement of physiotherapists in this field in Australia.

Applications for 2017 Churchill Fellowships are currently open and close on 28 April. More details about the Fellowship are available on the [Winston Churchill Memorial Trust website](#).

Honorary Doctorate for former UniSA Vice Chancellor

Former UniSA Vice Chancellor and UniSA Emeritus Professor, Denise Bradley, has been awarded an Honorary Doctorate from the University of Sydney for her distinguished service to higher education.

Starting her career as a secondary school teacher, Prof Bradley went on to lead UniSA from 1997 to 2007, playing an integral role in the shaping and success of the University.

In 2008 Prof Bradley chaired the influential National Review of Higher Education, known as the Bradley Report, which led to reform across the Australian tertiary sector, and influenced practice in secondary education.

Professor Diane Mayer, Head of School and Dean of the Sydney School of Education and Social Work at the University of Sydney said: "Professor Bradley has made a huge contribution to higher education policy and practice across Australia and internationally and has been particularly influential in advancing equity for women and girls."

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

UniSA talent recognised in arts awards

Four UniSA graduates have been recognised at the 2017 Helpmann Academy Graduate Exhibition awards.

The Helpmann Academy was established to maximise opportunities for professional development to help arts students make the transition from study to professional practice. UniSA is a partner institution.

A number of South Australian emerging visual artists shared \$45,000 in awards at the 2017 Helpmann Academy Graduate Exhibition Opening Night, held last month. For the first time in 2017, the exhibition was expanded to include Masters and PhD candidates.

Award recipients include three UniSA graduates and a PhD candidate.

Tom Moore, glass artist and UniSA PhD candidate, received **The Hill Smith Gallery / University of South Australia Postgraduate Award** (\$10,000 cash). The award is new in 2017 and recognises the achievements of a Masters or PhD candidate.

Karlien Van Rooyen, UniSA graduate, received **The Minter Ellison Award** (\$5,000 cash). This award is new in 2017 and recognises an emerging female artist with outstanding creative potential.

Marissa Ziesing, UniSA graduate, received **The Rob Lyons Award** (\$3000 cash). New in 2017, the award recognises artistic excellence and talent.

Ursula Halpin, UniSA graduate, received **The Peter Walker / Helpmann Encouragement Award** (\$1,000 cash). The award goes to an artist who deserves particular encouragement to continue their practice.



UniSA graduate selected for Rome residency

Kate Power, an emerging sculpture and installation artist and UniSA School of Art, Architecture and Design graduate was selected for the 2017 Helpmann Academy British School at Rome Residency.

The British School at Rome (BSR) Residency is an opportunity for an emerging South Australian visual artist to undertake a three-month residency at the BSR, Britain's leading humanities institute and one of the most prestigious foreign academies in the Italian capital.

Kate will be allocated studio space at the BSR, including residential accommodation. Taking place over April-June 2017, Kate will have access to the school's world-renowned research facilities, a thriving artistic community, and all the culture and history Rome has to offer.



Pam McKee, UniSA graduate Kate Power and David McKee. Photo by Russell Millard.

Read more on the [Helpmann Academy website](#).

APPOINTMENTS

Leaders Institute of SA appoints new chair, board members

The Leaders Institute of South Australia has appointed a new chair and two new board members.

The [Institute](#), which is based UniSA's City West campus as part of a recent affiliation with the University's Business School, has appointed Alexandra Cannon as the new chair of its board.

Cannon is the Managing Director of Bizbuild, specialising in leadership development, coaching and mentoring, and has built an extensive corporate career in organisational development in the sales, manufacturing, financial services and arts sectors.

"I'm honoured to take up this important role as Chair of the Leaders Institute, particularly at such an exciting time with a new CEO, Marianne Stacy and relocation to the UniSA Business School at City West," she says.

"Leadership development in South Australia is vital to navigate the future and changing economy of our State. I look forward to working with the board members and management as we continue to evolve our high level and innovative Governor's Leadership Foundation, Integral Leader and Northern Leaders Edge, Edge and other programs and, work together to develop future leadership skills for both current and future leaders of South Australia."

Her appointment follows the retirement of the previous chair Colin Dunsford AM after seven years.

The Leaders Institute has also appointed two new board members; Gino DeGennaro and Myron Mann.

DeGennaro is Deputy Chief Executive Officer and Chief Operating Officer at Principals Australia Institute Ltd, joining the company in 2014. Mann is the Managing Director of Rossiter's Pty Ltd (Rossi Boots).

UniSA professor to provide advice on UK social care guidelines

Professor Julie Ratcliffe from UniSA's Institute for Choice has been appointed to a key role on the United Kingdom's national body for providing guidance and advice to improve health and social care.

Prof Ratcliffe, a professor in Health Economics, has accepted the invitation to join an expert advisory group for the National Institute for Health and Care Excellence (NICE).

She is an Invited International Health Economist Member of the Expert Advisory Group for Development of Social Care Economic Evaluation Methods for NICE Social Care Guidelines.

The guidelines make evidence-based recommendations on the effectiveness and cost-effectiveness of social care interventions and services. Read more about them on the [NICE website](#).



The Leaders Institute of South Australia's new chair Alexandra Cannon.



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Genetics researcher gives gift of life

[Back to story index](#)

by Rosanna Galvin



SCIENCE AND TECHNOLOGY

A UniSA PhD student is giving parents who have experienced stillbirth and neonatal death the chance to have healthy babies thanks to her innovative research using DNA sequencing.

Based at the [Centre for Cancer Biology \(CCB\)](#), Alicia Byrne works in collaboration with clinicians at the Women's and Children's Hospital and scientists at the CCB Genomics Facility to identify the genetic cause behind congenital abnormalities and fatalities in utero. She says her research involves looking at DNA sequences to uncover the 'faulty' gene so future embryos can be screened for it.

"I'm using a genomic approach, examining the entire DNA sequence of patients affected by severe, rare inherited disorders to determine the genetic change causing their disease," Alicia says.

"My focus is on patients with disorders that are so severe they are fatal in utero or shortly after birth. For the majority of these families, current autopsy investigations are unable to identify the cause.

"The outcomes of my work are twofold. For the scientific community, identifying the genes implicated in these disorders can help to reveal the normal function of those genes and their role in embryonic development.

"The work also has immediate and life-changing outcomes for the families involved. By establishing the molecular cause underlying these disorders it allows hopeful parents-to-be to receive accurate recurrence risk counselling, as well as facilitating family planning and assisted reproductive options."



The reward of helping patients

Alicia, who was recently awarded the [Maurice de Rohan scholarship](#), says helping real patients and families is what drives her.

"I'm working with families who have experienced multiple stillbirths, and by examining their DNA sequences I have been able to find out why," she says.

"This then allows couples to undergo a process called pre-implantation genetic diagnosis, which is like IVF, but embryos are screened before implantation and only those that don't carry the disease causing gene mutation are selected.

"One of the most rewarding moments so far was to find out I had played a part in helping one couple have a healthy baby boy. That felt absolutely incredible."

The scholarship will allow Alicia to travel to the United States this year to undertake research at the Center for Mendelian Genomics (CMG) at the Broad Institute of Harvard University and Massachusetts Institute of Technology.

"Being able to spend an extended period of time working at the CMG, with access to their world-class facilities and the expertise of scientists and clinicians from the Broad and its affiliates around the world, is an unparalleled opportunity that will not only benefit my PhD, but also my professional and personal development," she says.

"In the long-term, I hope my work will put me in the position to straddle both research and diagnostics. I want to be involved in creating a more fluid interface between the two worlds so that we can ultimately provide better outcomes for patients."

The Maurice de Rohan International Scholarship gives UniSA PhD students the opportunity to gain an international perspective and improve their thesis through research, data collection or work with institutional or industry partners in the United Kingdom or the United States.

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2

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[Back to story index](#)

by Michèle Nardelli



COMMUNITY

It's hoped that a new approach to feral cat control will help native animals such as quokkas.

UniSA is opening up new opportunities for people to invest directly in innovative research projects through the use of online crowdfunding.

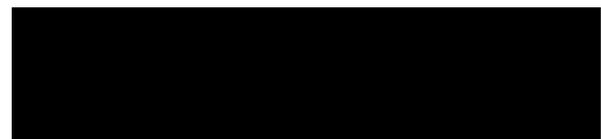
People interested in supporting UniSA research will be able to invest in specific projects and follow through to see the results as the research develops.

For the crowdfunding campaigns that reach their targets, UniSA has committed to boosting the funds raised by an extra 20 per cent.

The first three projects open for public support are:

- [helping NGO caseworkers and community leaders save the lives of vulnerable asylum seekers](#) by creating a suicide prevention education program. Suicide is the leading cause of premature death for people seeking asylum in Australia;
- a novel approach [for controlling feral cats through the use of natural seed-based implants](#) to support the survival of native Australian animals;
- using [interactive video technology to help stroke survivors regain movement](#) and independence. The funding would allow the expansion of a trial, which has already shown very positive results.

UniSA Deputy Vice Chancellor: Research and Innovation, Professor Tanya Monro says the crowdfunding projects add a new and empowering dimension to the way people view research.



“This move puts the community at the heart of our research in a new way and opens up the communication channels between researchers and the community more than ever before,” Prof Monro says.

“Each of the projects has a clear target for funding and has some seed-funding already established.

“They are all projects with a clear focus and practical objectives that will make a difference to people’s lives and the environment.

“The crowdfunding opportunity offers participants an insight into the researchers’ world – the planning, the checks and balances involved in developing new ideas and programs for action, the research process and the presentation and implementation of research outcomes.

“I’m confident we will have strong interest in the crowdfunding opportunities we’re offering and that opening up the chance for people to invest directly in research that matters to them, is now a viable form of additional funding for research.”

The University is a deductible gift recipient. All donations over \$2 are tax deductible depending on personal circumstances.

More information about each project and how to invest in UniSA research is available on the [Crowdfunding@UniSA webpage](#).

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PhD students help elite athletes perfect prime performance

[Back to story index](#)

by Katrina McLachlan



HEALTH

Michael Hartland and Max Nelson supervise one of the Chinese cycling team member's testing.

Ten members of the Chinese cycling team were put through their paces by UniSA Exercise Science PhD students at the City East High Performance Clinic last month.

Male and female cyclists were challenged using the South Australian Sports Institute (SASI) two-part testing protocol, which measures power output and blood lactate at various exercise intensities, including during a maximal four-minute time trial.

Alliance for Research in Exercise, Nutrition and Activity (ARENA) PhD candidate and Lecturer in Exercise Science, Max Nelson, exercise scientist and PhD candidate, Michael Hartland and Human Movement PhD candidate, Jason Bartram, conducted the testing with the help of UniSA undergraduate students on placement.

"The testing was a huge success, and should have huge benefits to the coaches and athletes within the Chinese cycling team," Nelson says.

"The information provided will help their coaches to determine the ideal zones needed to optimise both training load and to monitor their recovery during training.

"In particular, the testing featured two members of the Chinese Olympic female team pursuit squad who came sixth at the 2016 Olympics, who produced very impressive results on the four-minute time trial."

The testing program gave a handful of students in their third year of the Human Movement program and the Bachelor of Health Science honours program a chance to see what testing with elite, highly functioning athletes is like.

"Particular detail was given to instructing our students on the correct way to set up for testing of this type, and

how to report the information to coaches and athletes,” Nelson says.

“It also provided an excellent example of the opportunities available during post-graduate study at the University/School of Health Sciences.

“UniSA is the best equipped in terms of facilities and equipment to conduct these tests and we also have leading academics and staff in this field.”

Student Henry Blake says he found the experience hugely beneficial.

“This is exactly what I want to do as a career – test athletes and prescribe a training regime to increase their performance,” Henry says.

“It’s been such a benefit seeing this in action as I got a taste of what it’s like to work with athletes – it was a great experience.”

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Ride brings latest pain research to the regions

[Back to story index](#)

by Michèle Nardelli



HEALTH

UniSA graduate and physiotherapist David Moen has signed up for the Pain Revolution ride.

A group of world-leading pain researchers will cycle more than 870 km between Melbourne and Adelaide next month to bring their findings to regional and rural communities.

Led by UniSA Professor of Clinical Neuroscience, Lorimer Moseley, who has been at the forefront of research on pain and the brain for two decades, the ride will help to focus on what Prof Moseley believes is a much needed revolution in how society talks about and treats pain.

Treatment for persisting pain is Australia's biggest healthcare cost, yet the best evidence-based treatments reach only a fraction of the one in four Australians affected by the condition.

Kicking off early in April the cycling researchers will be stopping at key rural centres along the way to conduct community outreach events and talk with the local health professionals.

"It is time to put all the amazing pain discoveries of the last 20 years into practice," Prof Moseley says.

"The best way to do this is to get everyone speaking the same language about pain.

"Persisting pain is an epidemic in developed countries and we know that treating persisting pain with medication alone is an incomplete solution, which has led to further problems of addiction.

"Pain involves a person's whole life, and their understanding of pain is a critical first step to recovery."



Country towns to play key role

Prof Moseley believes that traditionally strong communities in the country and regions can play an important role helping people recover from pain conditions.

“We can make a huge impact in rural communities because they are exactly that – communities,” he says.

“The communities in the bush are used to pulling together to help themselves; and if we can get them all on the same page about pain, and how to help each other, our bold aims can be achieved.”



Interactive health learning centre on wheels

The “Pain Revolution” cyclists will be accompanied by the “Brain Bus”, an interactive health learning centre on wheels.

People can experience the science of the brain through illusions, experiments and virtual reality applications.

“Science shouldn’t only live in the lab,” Prof Moseley says.

“We want everyone to understand the amazing science of pain because we know that when they do, their sense of possible shifts – hope returns and, critically, a pathway to recovery emerges.”

Money raised and connections made during the Pain Revolution ride will be used to create a network of local pain educators in rural Australia.

Donations will be used to educate health professionals and community members on an ongoing basis, fund further research to support the program and ensure it is evidence-based and effective, and create a model for community-based pain interventions that can be used by people worldwide.

For more information or to make a donation, visit the [Pain Revolution website](#)

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UniSA researchers look to strengthen SA's tourism sector

[Back to story index](#)


COMMUNITY

The Tourism Research Network at the University of South Australia (SATRN) was launched at the start of March at the Kerry Packer Civic Gallery.

Academics from across the University of South Australia have formed a new network with organisations and specialists working in tourism with the aim of boosting the sector.

UniSA is bringing together more than 40 scholars from a diverse range of fields, alongside a mix of people and organisations from the private and public tourism sectors in South Australia, to form the South Australia Tourism Research Network (SATRN).

Network co-convenor, Associate Professor Brad West, says the participants share a desire to use different disciplines to boost tourism's role in the social and economic life of the State.

"Tourism is a major export earner for Australia but the economic relevance of tourism is not limited to the sector. It encompasses broader perceptions of the state, flowing into everything from migration to the export of South Australia's wine," Assoc Prof West says.

"Tourism is also one of the principal ways we celebrate South Australian heritage and tell stories about our past and who we are as South Australians today.

"While there is a myriad of tourism research groupings throughout Australia, none can offer the range of expertise in SATRN, which is able to move beyond identifying the impacts of tourism and actually enhance the experience of tourists.

"This will strengthen the sector by providing expertise in areas such as virtual reality, the sharing economy and the promotion of travel writing."

The network not only joins up researchers in established fields such as tourism, leisure management and cultural industries, but covers areas such as environmental science, health, Indigenous studies, information technology, media, sociology and languages.

SATRN aims to become a platform empowering UniSA researchers to foster multi-disciplinary research in tourism, as well as to better promote their work and capabilities in South Australia and with industry partners.

The diversity of the network not only reflects the nature of tourism today but the type of engaged research being undertaken at UniSA through partnerships.

One example of the innovative research by members of the new network is Dr Tina Du's research about how the theory of collaborative information seeking relates to Chinese tourists.

Dr Du, a Senior Lecturer of Information Studies and Mathematical Sciences, is involved in an Australian Research Council funded study examining how Chinese tourists make sense of, use, and share information for their leisure travel to Australia. The scope of the research covers their initial planning right through to the actual visit and will provide insights that can guide tourism promotion.

Assoc Prof West says the global tourism market is growing but highly competitive.

"Tourism has been identified as one of the growth sectors that will drive new jobs and economic prosperity over the next decade," he says.

"It's important for South Australia to remember that such an expansion is not automatic but is reliant upon our abilities to sell South Australia to the world.

"As a consequence we might also come to a stronger appreciation of own backyard."

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3

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UniSA students and staff help save more than 4000 lives

[Back to story index](#)

by Adam Joyce



INSIDE UNISA

UniSA Manager Student Life Scott Jones, UniSA graduate Ayesha Fernando (who received an Ambassador Award for her role in coordinating blood donations), Blood Service mascot Billy the Blood Drop, student Hung Yue Ng and donor services SA/NT manager Lawry Sancilio, at the Red25 awards ceremony.

The University of South Australia has been named the second highest community blood donation group in Australia at the Australian Red Cross Blood Service's annual Red25 awards presentation.

UniSA staff and students made 1360 donations last year as part of the Red25 annual challenge held by the Blood Service – saving the lives of 4080 people needing blood products, including much-needed plasma.

The University also recorded the highest blood donation tally in South Australia under the community category – earning it a regional award.

UniSA Business Management graduate Ayesha Fernando received an Ambassador Award for her role coordinating blood donations whilst a student in 2016. She became involved after volunteering with the University of South Australia Students' Association.

“One day I got an emergency request to fill in for the UniSA blood drive team as an event volunteer,” Fernando says.

“It was an amazing opportunity to volunteer with the blood drive team. We collected 80 sign ups on that day and it was a lot of fun.”

From there, she successfully applied for the voluntary role of project manager on the student-led blood drive team.

“The most valuable reward was the opportunity I got to work with Red Cross Blood Service staff and the

wonderful project team who take part in this project by heart. It also helped me develop professional skills," she says.

Early last year, the University set a target of [1200 donations for 2016](#), which it comfortably exceeded.

Chancellery and Council Services Director Dr Penny Moore says the achievement is a result of the efforts and generosity demonstrated by staff, students, alumni and community supporters from across South Australia – and even a few from interstate.

Staff and students working together to benefit community

"The work we undertake with the Australian Red Cross Blood Service is a great cause," Dr Moore says.

"There is little to no financial cost to the University, however it yields an invaluable contribution to the community, and adds further to our corporate responsibility activities.

"It's an excellent example of staff and students working together to achieve positive outcomes for the community."

Chancellery and the Student Engagement Unit worked together to improve the 2015 results – almost tripling the University's membership of the Australian Red Cross Blood Service donation program, Red25, from 294 members in 2015 to 850 members in 2016.

Blood Service regional and community relations manager SA/NT Danielle Griffith says UniSA students, staff and alumni have been amazing supporters of blood donation.

Red25 is the donation program of the Australian Red Cross Blood Service which aims to rally corporate, government and community organisations and groups together to achieve 25 per cent of the annual blood donations needed by Australians.

The Blood Service is always in need of new blood donors, particularly to help combat seasonal donor shortages around long weekends.

To join the UniSA Red25 group telephone 1300 886 524 or visit www.donateblood.com.au/red25. To make an appointment call 13 14 95 or visit www.donateblood.com.au.

UniSA staff can donate blood during work hours under the '[Special Leave Procedure](#)' with their manager's approval.

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[top^](#)

Riding the waves of success at UniSA's beach safety session

[Back to story index](#)

by Annabel Mansfield



COMMUNITY

Some of UniSA's new international students at Grange beach.

International students have been learning how to stay safe in the surf as part of a beach safety program run jointly by UniSA and Grange Surf Life Saving Club.

Students from 21 countries, spanning five continents, took part in the recent beach safety session as part of an initiative to ensure students are better educated about water safety on Australian beaches this summer. They also got the chance to have fun in the sun with new classmates from around the world.

Event manager and UniSA Work Health & Safety consultant, Jim Townsend, said the beach session provided important safety education for many students who have never been regular beach-goers.

"The accessibility of Adelaide's beaches make them a desirable and popular leisure spot for international students, and while our coastline is generally benign, it can occasionally be dangerous," Townsend says.

"That's why surf education is so important, especially for those who are unfamiliar with that environment.

"This event ensures our international students have the best start to their university experience; they have the chance to meet lots of new friends and learn how to be safe at the seaside."

For new international student Abe Tobin Mathew from Bahrain (pictured back row, second from right), it was the first time he'd visited an Australian beach. He says the event offered the opportunity for him to learn beach safety while making new friends from around the world.

"The beach was beautiful and the activities were really fun and informative," he says.

"We learnt how to keep ourselves safe while surfing or swimming. We also found out about the various animals, birds and fish that inhabit the beach."

Shannon Dennison (pictured, front right), a new international student from Canada, says the beach session was great fun.

"I loved playing a game first then learning how to save each other in the water," she says. "The day provided an opportunity for us to meet new people and it was nice to gather for a barbecue before the end as well."

The 2015-2016 Australian Royal Life Saving Report found drowning rates have increased by more than five per cent in the past year, with an average of one person every week drowning at an Australian beach and 10 people a day needing to be rescued.

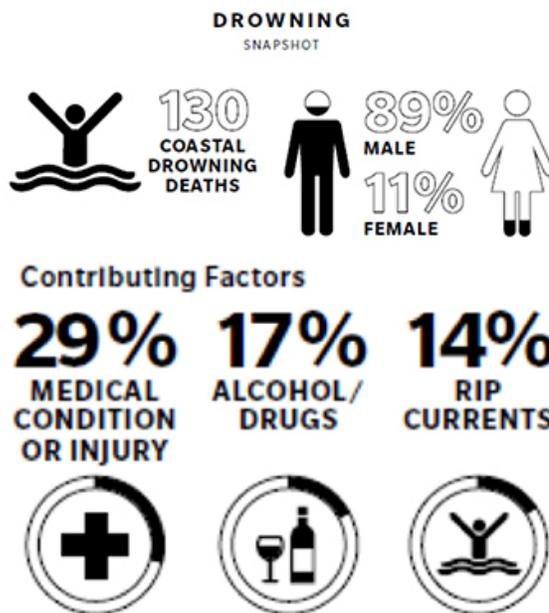
Grange Surf Life Saving club captain Vanessa Hodson says water safety is paramount, not just over the summer months.

"Summer is definitely when we are most active, but it's really important for everyone to be water-safe whenever they are at the beach," Hodson says.

"This surf and beach safety education session exposed international students to a range of scenarios that they may encounter in the water, from basic water safety to a full surf rescue.

"Everyone learnt how to stay safe, how to signal for help, and what to do in an emergency.

"We ask all people, not just international students, to exercise extreme caution when they are in the water, no matter what they are doing, and to swim between the flags."



Source: Surf Life Saving Australia.

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Vale Sydney Ball (1933 – 2017)

[Back to story index](#)



COMMUNITY

Sydney Ball in front of Pale Stream (1976) at the launch of The Sydney Ball Gift, at UniSA's Mawson Lakes campus, February 2015.
Photo by Alex Kwong.

The University of South Australia has paid tribute to Adelaide's own master of abstraction, artist Sydney Ball.

An alumnus of the University, Ball is regarded as one of the true trailblazers of abstract painting in Australia – known for his bold use of colour, form and compositional structure.

Ball held a prestigious national and international reputation – exhibiting in New York in the late 1950s at the height of the abstract painting movement and remaining true to the form throughout his illustrious 50-year career.

In 2013, UniSA accepted a major gift from the acclaimed Australian artist, comprising more than 30 important works.

UniSA Vice Chancellor Professor David Lloyd says the University has lost a great friend and patron.

"We are saddened at the passing of one of Australia's great masters, Syd Ball," Prof Lloyd says. "He will be sorely missed and always remembered.

"Thanks to Sydney's generosity and foresight, the University is blessed to have a formidable collection of remarkable works by an esteemed artist.

"The University sends its sincere condolences to Sydney's family and friends."

In 2013, Ball was awarded an Honorary Doctorate by UniSA for services to abstract painting.



The Samstag Museum of Art, alongside the wider UniSA community extends its sincere gratitude to Ball for his generous gift to the University in 2013, allowing future generations to experience and encounter his wonderful and timeless masterworks.

UniSA Vice Chancellor Professor David Lloyd with the late Sydney Ball in his studio last year.

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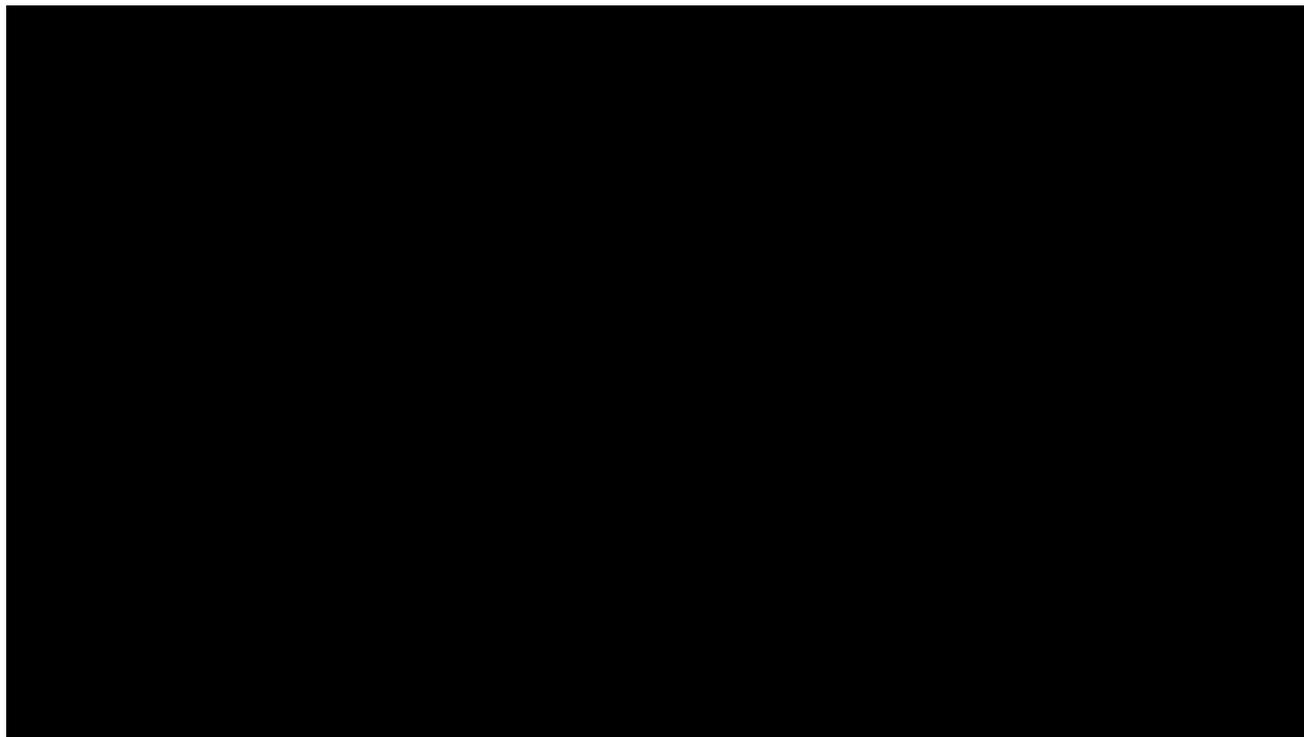


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[top^](#)

Three days' work in under three minutes

[Back to story index](#)



A time-lapse of Kenyan street artist Swift9 creating a mural of Nelson Mandela using chalk and spray paint.

Filmed over three days at UniSA's Kerry Packer Civic Gallery on the City West campus, Swift9 gained extensive experience experimenting on the streets of Nairobi, successfully training more than 300 young people how to use art as a tool for advocacy.

The mural is on display until 29 March as part of the free exhibition, [SANAA: A Better World Through Creativity](#), which is part of the Adelaide Fringe.

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**University of
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New Books

[Back to story index](#)

Reputation Risk and Globalisation

In the 1980s and early 1990s, the term 'globalisation' entered our vernacular as a means to explain the current political, economic, cultural and technical changes that were taking place around the world. For multinationals, globalisation signalled profound changes to the way they had conducted business, heralding a new era of corporate social responsibility.

Reputation Risk and Globalisation, written by UniSA Senior Lecturer, Dr Terry O'Callaghan, offers a narrative of change in corporate behaviour over the last 20 years. Opening with a devastating example of BHP's crisis and mismanagement of its Ok Tedi Mine in Papua New Guinea, the book discusses the rise of corporate socially responsibility, and how multinationals are attempting to rebrand and reinvent themselves as socially responsible entities.

"This shift is largely in response to anti-corporate activist pressures," Dr O'Callaghan says.

"It's the concern that multinationals have for their corporate reputations that is effectively the catalyst for change; in essence, it's disciplining their behaviour."

This innovative exploration of the idea of a self-regulating corporation in an era of globalisation first examines the link between corporate reputation, corporate behaviour and self-regulation, and then goes on to compare and contrast various studies of multinational corporations that have sought to self-regulate.

"Corporate self-regulation is a discipline. With multinationals now judged on their capacity to moderate their behaviour in light of community expectations, it's now become a critical precursor for ethical business conduct," Dr O'Callaghan says.

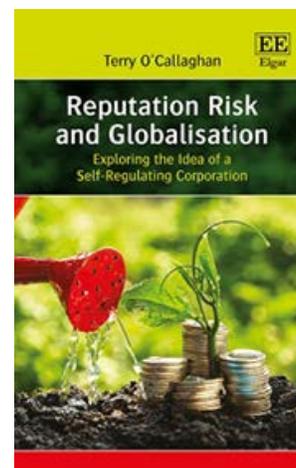
Reputation Risk and Globalisation provides a multifaceted critique of anti-corporate activists, acknowledging both the dangers that multinationals pose to communities, and that anti-corporate activists are the first group to understand the potential risk of targeted campaigns to corporate reputations. Using three case studies of companies that have attempted to self-regulate — Royal Dutch Shell, the Toyota Motor Corporation and Interface Inc. — Dr O'Callaghan offers insight and guidance on corporate social responsibility.

Undergraduate and postgraduate students of international business, management and business ethics will be interested in the essential topics covered in this book. Academics and practitioners alike will appreciate its lessons about reputational capital and holding multinational corporations accountable. The book is available [here](#).

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**University of
South Australia**

Highlights from the Media Centre

[Back to story index](#)

From Year 12 students stumped by study options to research that shows patients with diabetes are being re-admitted to hospital when it could be prevented, here are some of the top stories from our [Media Centre](#):

[Survey shows we need to find more ways to support Year 12s](#)

Almost 51 per cent of Year 12 students find it difficult to decide what to study at university, a research project involving UniSA has found.

A collaborative study by all three South Australian public universities, led by researchers at UniSA's School of Natural and Built Environments, has found that almost 51 per cent of Year 12 students find it difficult to decide what to study at university.

The research project – What Should I Study? Improving Tertiary Pathways by Improving Support for Prospective Students – focuses on understanding more thoroughly, how students make their study choices and how universities and high schools can better support them through the process.

Key researcher on the project, Andrea Parks, says that while the research is ongoing, the results from a survey of Year 12 students in 67 South Australian high schools in September last year, show that most students are exploring their options before they set on a study path.



[Local language key to boosting education outcomes](#)

As UNESCO celebrated International Mother-Language Day in February, a University of South Australia researcher has called for increased multilingualism in the Australian education system.

Associate Professor of Applied Linguistics, Kathleen Heugh says that while Australia is a linguistically diverse nation, with more than 250 languages spoken, students don't have multilingualism reinforced throughout their school years and many Indigenous students don't have the opportunity to learn in their mother tongue.

"Australia has some important lessons to learn from UNESCO's history of more than 65 years of multi-country studies on the education of vulnerable and marginalised children of the world," she says.

"Sustainable development for marginalised communities is dependent upon education in a language that students know and understand – the 'mother tongue' or the local language – and meaningful access to at least one language of wider communication, such as English."



[UniSA research driving better care for diabetes patients](#)

Research from the University of South Australia published in the Medical Journal of Australia has found hospital readmissions of older patients with diabetes, and therefore the burden of hospital inpatient care costs, could be reduced by improving the transition from hospital to primary care.

Lead researcher Senior Research Fellow in the School of Pharmacy and Medical Sciences, Dr Gillian Caughey, and her team found that more than 40 per cent of re-admissions in the study were potentially preventable by providing appropriate primary care.



“Almost one-quarter of older patients hospitalised for diabetes were re-hospitalised within 30 days with almost 80 per cent re-admitted within 14 days of discharge,” Dr Caughey says.

“Patients with comorbid heart failure, multiple recent hospitalisations, and multiple prescribers involved in their care were at greatest risk of re-admission.

“The aim of our study was to identify which patients are at risk of 30-day re-admission, and factors that contribute to re-hospitalisation of older Australians with diabetes and what we found was that hospitalisations for diabetes account for almost one-quarter of all potentially preventable re-admissions in our study.

“The results highlight the need for improved timeliness of primary care after discharge, as almost half of the people re-admitted within 14 days of discharge had not seen their GP during this time.”

Read more media releases from UniSA at unisa.edu.au/Media-Centre.

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[top^](#)

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IN PICTURES

[Back to story index](#)[WOMADelaide](#)[O-Week City East](#)[O-Week City West](#)[O-Week Magill](#)[O-Week Mawson Lakes](#)[City West Community Gardens](#)

WOMADelaide

Almost 90,000 local, interstate and international guests experienced the sights, sounds and wonders of WOMADelaide's 25th Anniversary. Boasting a lineup of more than 400 artists from 30 different countries, WOMADelaide 2017 was an international degustation of music, arts and dance from every corner of the globe.

The University of South Australia was proud sponsor of WOMADelaide's Planet Talks Program, which this year included six panel discussions across three days.



O-Week

With O-Week held on each of UniSA's campuses in February, here are pictures from some of the activities and

entertainment on offer. They included the chance to adopt a plant, giant Connect 4 and a range of live music.

City East





City West



Magill





Mawson Lakes



City West Community Garden

Every Tuesday, the rooftops of UniSA's City West campus spring to life as students, staff, alumni and guests converge at the rooftop community gardens. The community gardens provide a tranquil place for people to meet, experience gardening, share a free Fairtrade coffee, tea, or hot chocolate, or simply to take a mindful moment to breathe and enjoy the fresh air.

With raised beds of basil, cherry tomatoes, spring onions and fresh herbs, the community gardens promote healthy and sustainable eating. They offer a local harvest swap for excess fruit and vegetables and a place to connect and engage with the broader University community.

The community gardens are a campus greening initiative, established and maintained by the UniSA Business School's Student Life team since 2016. All students, staff, alumni and guests welcome. To find out more, visit the [website](#), check out the event on [Facebook](#) or read a participating student's [blog entry](#).

When: Tuesdays 10:30am - 11:30am (except during study breaks)

Where: Rooftop, between Kaurna and Hawke Buildings Level 5, City West campus



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