

news

April 2018

> from the University of South Australia



COMMUNITY

Pridham Hall opens its heart and its doors to graduates

Thousands of graduates are making history by being among the first to cross the stage at UniSA's new cultural and sporting facility, Pridham Hall – which opened its doors to the public for the first time this month. [more](#)



SCIENCE AND TECHNOLOGY

Mind-opening museum opens in May [more](#)



COMMUNITY

The UniSA students bringing home Games gold [more](#)



HEALTH

How does your fitness compare with an elite athlete? [more](#)



INSIDE UNISA

From the Vice Chancellor [more](#)



INSIDE UNISA

The latest achievements and announcements [more](#)



HEALTH

The vaccine innovation that will protect against multiple diseases [more](#)



SCIENCE AND TECHNOLOGY

Bid to develop world leading sustainable mining and minerals sectors [more](#)



HUMANITIES

The bilingual high school coming to campus [more](#)



SCIENCE AND TECHNOLOGY

Wearable technology helping the footballers of the future [more](#)



HEALTH

Staff and students help military veterans prepare for Sydney games [more](#)



INSIDE UNISA

Insights from leading child protection expert [more](#)



COMMUNITY

New musical composition marks milestone for every graduate [more](#)



COMMUNITY

Prominent Australians honoured at UniSA graduations [more](#)



NEW BOOKS

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



INSIDE UNISA

Highlights from the Media Centre [more](#)



IN PICTURES

Head of the River Regatta and UniSA graduations [more](#)

UNISA NEWS REACHING **120,000** members of the UniSA community

[top^](#)

Mind-opening museum opens in May

[Back to story index](#)

by Georgia Minarelli



SCIENCE AND TECHNOLOGY

Robot NAO in MOD.'s Universal Gallery.

UniSA's futuristic museum of discovery [MOD.](#), will open its doors in May to challenge everything you know about the "museum" experience.

Its first exhibition, MOD.IFY, will throw open one of the big questions – what does it mean to be human?

From how we understand intelligence, or experience pain, to where we fit in the universe, MOD. promises to excite conversation, challenge ideas, have you Googling for more information, and maybe even spark a few seriously challenging debates.

UniSA Vice Chancellor [Professor David Lloyd](#) says he believes MOD. will become a real magnet for young people interested in challenging the way we look at the world and the interplay between science and art.

"We want to spark creative, unconventional and original thinking," Prof Lloyd says.

"Some of our exhibitions will make people really stop, pause and experience 'the discomfort of thinking' as JFK [John F. Kennedy] called it.

"But it is when you are really stretched to question what you know, that creativity grows."

With six purpose-built gallery spaces and two studios over two floors, plus a café and shop, MOD. is located in the heart of the West End at [UniSA's Cancer Research Institute](#) on North Terrace (next to Morphett Street bridge).

Director of the new space, [Dr Kristin Alford](#), says she hopes MOD. will challenge, amuse and at times even shock visitors.

“We want people to question what they thought was certain and understand things in new ways,” Dr Alford says.

“We’re especially keen to bring young adults to MOD. because the more they are able to engage with ideas, think deeply about life’s potential and navigate our complex and uncertain world, the better they will thrive.

“MOD. doesn’t have a ‘collection’ like other museums – it collects ideas and knowledge instead of objects and items. It is a unique place in the cultural and technological fabric of Australia.”

From 11 May, MOD. will open from 12pm to 6pm Tuesdays to Thursdays; from 12pm to 8pm Fridays and from 10am to 4pm on weekends. Admission is free.

Follow MOD. on [Facebook](#).

2018 Exhibitions

MOD.IFY – It’s not what you know (May 2018)

MOD.IFY will take you on an immersive and unexpected journey where you can explore artificial worlds and augmented realities, challenge your perception of pain and injury, be part of stories about space and place and consider what makes us human versus animal or machine. Provocative, inspiring and sometimes uncomfortable, MOD.IFY will showcase research and creative collaborations, interactive exhibits and dynamic programming that invites the curious to explore new ideas at the intersection of art, science and innovation.

WAGING PEACE (November 2018)

WAGING PEACE will invite visitors to consider whether it is possible to proactively and aggressively pursue peace. The exhibition will examine how peace could be imagined through a different frame, whether violence can ever be just and how we apply innovation for peace. It will also ask students and artists if it’s possible to design a peace machine as means to inspire change for the future.

Tweet

Share

4

RELATED STORIES



Bid to develop world leading sustainable mining and minerals sectors [more](#)



Wearable technology helping the footballers of the future [more](#)

[top^](#)

The UniSA students bringing home Games gold

[Back to story index](#)

by Adam Joyce



COMMUNITY

UniSA Human Movement student Matthew Glaetzer with his 1000m time trial gold at the Commonwealth Games. *Photo courtesy Cycling Australia.*

> [Is there a limit to the records athletes can break?](#)

Two UniSA students are bringing home a swag of medals between them – including three golds – after a hugely successful Commonwealth Games campaign.

Pole vaulter Kurtis Marschall and track cyclist Matthew Glaetzer, who are both studying [Human Movement](#), proved they are at the top of their respective fields.

Kurtis won the men's pole vault, clearing 5.70m on the third attempt, clinching the win over Canadian Shawn Barber, who had earlier missed his third and final attempt.

Kurtis said it was essential to keep a “cool head” during the competition.

“It was awesome – I can't believe it,” the 20-year-old told Channel Seven. “I was going out there in the top few and I didn't know if I was up to the challenge.”



Watch Kurtis Marschall's gold medal winning vault in slow motion on [Twitter](#).

He said he'd had tough experiences in the past being beaten by people on much lower rankings.

“I knew coming into this that I had that pressure on my back but I'd learnt from that experience and remembered that no matter who is in the competition and what height it is, that they have got a chance. Even if

they have one more jump left. I proved that to myself that even if I have one jump that I can soar over that bar.”

On the cycling track, fellow student Matthew won the 1000m time trial, clocking the fastest time ever ridden at sea level (59.340s), and a Commonwealth Games record.

The 25-year-old also won gold in the [keirin](#) – a form of motor-paced cycle racing in which track cyclists sprint for victory following a speed-controlled start behind a motorised pacer – successfully defending his Commonwealth title.

“It is massive because I was reigning champion,” he told Channel Seven. “There’s a lot of pressure and you can feel that expectation – it’s about trying to be an ice man, be clinical and when it happens it just comes in rush, and the Aussie crowd just goes nuts.



Photo by Dan Mullan/Getty Images

“We as athletes aren’t doing it for ourselves, we’re doing it for the nation. We don’t get it [a home crowd] too often, so it’s absolutely sensational when that flag is raised and the whole nation is behind you.”

Matthew, who was UniSA Sports’ [Male Athlete of the Year](#) for 2017, also took bronze in the team sprint on the opening day.

In unfortunate news, Australian platform diver Taneka Kovchenko, who’s studying [Occupational Therapy](#) at UniSA, was forced into retirement on the eve of the Commonwealth Games after receiving a horror diagnosis.

In a statement on [Instagram](#), Taneka said she had been suffering chronic headaches and neck pains. Scans revealed her C-1 and C-2 vertebrae have compressed her spinal cord. Her doctor and neurologist warned she could become a quadriplegic if a dive went wrong.

“I thought of every scenario to try and continue diving till at least the end of this season however the risks highly outweighed the options of continuing to dive and sadly had to make the heart-breaking decision to stop diving,” she wrote on Instagram.

“I have had an amazing 14 years diving, chasing my dream of representing Australia. I am grateful for every experience and opportunity I have been given.

“I am leaving the sport as an athlete proud of my accomplishments and with so many life skills. I have learnt so much from this sport including courage, determination, inner strength, persistence, confidence, self-belief, to aspire, support and empathise with teammates even if it’s a primarily individual sport. This may be the end of my diving career but I’m not going to be a stranger to the sport, I’m still in love with it.”

In other news, UniSA physiotherapy graduate Jessica Trengrove [won bronze](#) in the women’s marathon. The 30-year-old defied brutal heat to finish third with a time of two hours, 34 minutes and nine seconds. Namibia won gold and Australian teammate Lisa Weightman won silver.

Is there a limit to the records athletes can break?

By [Professor Jon Buckley](#), UniSA School of Health Sciences

The Commonwealth Games has seen many new records set [in the pool](#), on the [cycling track](#) and [elsewhere](#). Most experts [agree](#) that there is a limit to human performance, so there is a point beyond which records will no longer be broken. But nobody can be sure when that will be.

The continual breaking of world records is the result of complex interactions between many different factors. These include an increase in athletes with the right genetics or talents for a particular sport, advances in equipment design, and improved training and recovery practices, including nutrition.

There are no studies to show us which factors have provided the greatest contributions to breaking records. Nor is it possible to determine which factors might now be reaching the point of declining returns. But at present, new innovations are occurring in all of these areas.

Many of these records were small improvements but are still the fastest ever. The Australian men’s 4000m team pursuit cycling team clocked a time of 3 minutes and 49.804 seconds, [beating the previous record by just 0.2%](#).

Similarly, in the pool the Australian women’s 4x100m freestyle relay team broke their own world record of 3 minutes and 30.65 seconds [by 0.28%](#).

In recent decades the [rewards for being an athlete have increased](#), through increases in prize money, sponsorship deals or incentive payments by governing bodies of individual sports. This has led to an increase in the number of individuals with [advantageous genetic attributes for a particular sport](#).

Some of these athletes self-select for a particular sport. Others are identified through talent-spotting programs such as those [implemented by Britain during the lead-up to the 2016 Olympic Games](#).

Increased participation results in an increase in genetically gifted individuals competing and reaching the highest levels. This is [particularly evident in women’s sport](#). The increase in female participation has seen world records [dropping more rapidly for women than men](#) in a number of sports.

Technological advances in equipment design and the materials have also assisted athletes to break records. In some cases this has led to sports’ governing bodies intervening, such as the [banning of full body “fast suits”](#) in swimming events by the Federation Internationale de Nation (FINA).

Read the full story in [The Conversation](#).

[Tweet](#) [Share](#)

RELATED STORIES



HEALTH

How does your fitness compare with an elite athlete? [more](#)



HEALTH

Staff and students help military veterans prepare for Sydney games [more](#)

[top^](#)

How does your fitness compare with an elite athlete?

[Back to story index](#)

by Candy Gibson



HEALTH

A scene from the 2014 Commonwealth Games in Glasgow. Photo by Graham Campbell via Wikimedia.

Think you can give Commonwealth Games athletes a run for their money?

You just might, thanks to a world-first online, interactive exercise toolkit developed by UniSA.

The [Exercise Science toolkit](#) allows users to test their fitness levels and match their body shape to 100 different sports depending on their profile.

Lead researcher Kevin Norton, Professor of Exercise Science in UniSA's [School of Health Sciences](#), says almost 30,000 profiles have been analysed since the toolkit's release earlier this year.

"The software program is being used by high school students through to professional sports people, who can test their anaerobic power, strength and aerobic fitness, blood biomarkers, and compare themselves with world-class athletes across about 100 different sports," Prof Norton says.

"If they don't know their own fitness levels then users can create a virtual athlete and investigate what sports they might be involved in. A 'Sport Match' module is also available to predict the best sport match based on fitness and body shape."

Prof Norton says the program is unique in the world and the impressive uptake – 30,000 profiles analysed in a matter of weeks – is testament to its popularity.

"PE teachers in schools across Australia are already using the beep test,



Watch the [Nine News Adelaide](#) story on the new toolkit.



checking their own scores with the fitness levels of elite-level AFL players, netballers and other professional sports people.”

The toolkit, which is free and includes 40 tools across six modules, took Prof Norton two years to build with the help of his wife, [Dr Lynda Norton](#), from Flinders University and UniSA PhD students.

To test your fitness levels and find the perfect sport for your body shape, go to exercisesciencetoolkit.com.

Tweet

Share

2

RELATED STORIES



The UniSA students bringing home Games gold [more](#)



The vaccine innovation that will protect against multiple diseases [more](#)

[top^](#)



news

April 2018

> from the University of South Australia

From the Chancellery

[Back to story index](#)


INSIDE UNISA

As of this week, 4000 new graduates have received their parchments and have stepped off campus to continue their new lives.

But this time the leaving was different. This time our graduations were held at [Pridham Hall](#), the new cultural heart of the University. This time graduands, suitably capped and gowned, mingled on campus then walked across their own stage to receive their parchments in front of their own family and friends, their own University colleagues.

The building hasn't even officially opened yet and it is already a hive of happy activity. Actually graduations are a mix of solemn and happy activity and we have reflected that in the music that opens and closes the ceremony.

To give Pridham Hall its proper place on Kurna land, the University commissioned a new piece of music to accompany the academic procession that opens proceedings.

It's a haunting, lyrical piece called *Ancient Land Processional* and was written especially for us by Aboriginal soprano, composer and educator, Yorta Yorta woman [Deborah Cheetham AO](#). It was written to celebrate the importance and excitement of a graduation's rite of passage for students and to remind us that knowledge has been passed for more than 2000 generations on the lands that the University now occupies; the lands of the Kurna people in Adelaide, the Boandik people in Mount Gambier and the Barngarla people in Whyalla.

The music speaks of place, of a connection to the land and of passing on culture through song. The voices you'll hear are the Ngarrindjeri Women's Choir and the Marryatville Concert Choir accompanied by the Adelaide Symphony Orchestra. And let me tell you as a member of the academic procession, walking into that space, accompanied by that music, brings you into real goose bumps territory (listen to a sample of the music [here](#)).

[Pridham Hall](#) itself is a great space for graduations. It is the cultural heart of University; a sporting venue, a place where we can gather together to compete, to win, to lose, to celebrate and to socialise and those of you who have had a sneak peek at it while helping with graduations will know how well it works as a focal point for the

University. As it was helped greatly by a gift, a very large gift from an alumnus, Andrew Pridham, it's only fitting that it is the place that alumni can return to remind themselves how important they always will be to this University.

I promised you a mix of solemn and happy at the beginning of this column. Solemn as we bring graduands into the room and present their parchments and remind them of the worlds of opportunity awaiting them.

Happy because we turn them around and send them out to Pharrell Williams singing [Happy](#).

The challenge is to stop yourself bopping along to it as we walk out ...

Not a bad problem to have though.

Professor David Lloyd
Vice Chancellor and President

Tweet

Share

1

RELATED STORIES



COMMUNITY

Pridham Hall opens its heart and its doors to graduates
[more](#)



COMMUNITY

New musical composition marks milestone for every graduate [more](#)

[top^](#)

news

April 2018

> from the University of South Australia

Achievements and Announcements

[Back to story index](#)

ACHIEVEMENTS

[Global #1 ranking for UniSA's brand management research](#)
[Staff recognised for work on major projects](#)
[Prestigious award for CCB professor's genome research](#)
[Top tier recognition for UniSA's MBA](#)
[Staff and students recognised as young achievers](#)
[2017 Ralston Medal for Excellence in Physical Chemistry winners](#)
[Recognition for volunteer work to improve health of mums-to-be](#)
[Aged care team wins Governor's Multicultural Award](#)
[UniSA students awarded scholarships for innovative research](#)

APPOINTMENTS

[UniSA director appointed to higher education standards advisory body](#)

ANNOUNCEMENTS

[UniSA to lead project providing Australians with safer medicines](#)
[Aboriginal dance group wins UniSA Fringe festival award](#)
[Recognising William Westbury](#)
[UniSA to lead research and education into social enterprise](#)

ACHIEVEMENTS

Global #1 ranking for UniSA's brand management research

A global study of the impact of business research has ranked UniSA number one in the world for brand management, with the findings published in the [Australian Financial Review BOSS Magazine](#) this week.

Determined by the [League of Scholars](#), the analysis reviewed the academic impact, output and influence of more than 100,000 business researchers worldwide, finding UniSA to be the top for its brand management research.

The study reinforces what many of the world's marketers already know. Brands like PepsiCo, ESPN, Kellogg's, Westpac, Mars, and Carlsberg sponsor the research at UniSA's [Ehrenberg-Bass Institute for Marketing Science](#).

Professor Byron Sharp, Director of the Ehrenberg-Bass Institute, says the number one ranking shows that the world can look to Australia for world-class research.

"UniSA students are fortunate. They learn that marketing is a creative discipline, but that this creativity works best when you also have sound knowledge about how buyers actually buy and how to manage brands for the future," Prof Sharp says.

"Science has transformed every discipline it has touched. It's hardly surprising that it's doing the same in marketing."

The global rankings are available [online](#).

Staff recognised for work on major projects

The teams behind a diverse range of university projects have been recognised for their outstanding contribution to the University through the [Vice Chancellor's Awards for Professional Staff Excellence](#).

School of Pharmacy and Medical Sciences Technical Services Manager **Richard Bennett** was recognised for his pivotal role in the design and implementation of a significant part of the infrastructure for the [UniSA Cancer](#)

[Research Institute](#). He established a new undergraduate chemistry laboratory in the Hetzel Building, and played a key role in planning and implementing the move out of the Reid Building. His award was in the Innovation in Infrastructure category.

The [Recruitment Central Team](#) was recognised for providing outstanding service both inside and outside the University by streamlining the recruitment process. Team members include **Michelle de Pasquale, Katrina Giles pie, Chloe Juniper, Miranda McDonald, Jade Windsor, Sarah Hart, Julie Bennett, Linda Burlison, Georgie Hart, Vanessa Detmar, Belinda Angus, Carey Singlewood, Amruta Das, Sarah Doyle and Lisa Whiley-Smith**. Their award was in the Service Excellence Culture category.



The [UniSA Online](#) Project Team was recognised for establishing a complete new business specifically for online learning, dedicated to delivering high quality programs and support services in a fully online mode. Team members include **Clare Caruana, Sophie Then, Kirsten James, Sarah Cutbush, Richard Lamb, Tony Dalwood and Girish Chauhan**. Their award was in the Innovation in Infrastructure category.



The UniSA Cancer Research Institute Construction Team was recognised for the delivery of the largest capital project in UniSA's history – the [UniSA Cancer Research Institute](#). Team members include **Christina Coleiro, Craig Hackney, Perry Solomon, Aida Stabile, Wayne Shore, Stephen Keech, Yen May Tang, Brett Heritage, David Sanderson, Marek Pokorny, Paul Doherty, Morris Ewings, Jos Petek, Thong Chau, Rob Lustri, Dominic Marafioti and Pauline Middleton**. Their award was also in the Innovation in Infrastructure category.



Recipients will each receive professional development funds to be used for conferences and work-related short courses.

Prestigious award for CCB professor's genome research

Adjunct Professor Greg Goodall from the [Centre for Cancer Biology](#) (CCB) has been recognised for making a major contribution to genome research in Australia.

Prof Goodall was awarded the prestigious Julian Wells Medal at the [2018 Lorne Genome Conference](#). The annual award is given to a scientist who has made an outstanding contribution to the understanding of the organisation and expression of the genome, has made a major contribution to the development of this field of research in Australia.

[SA Pathology](#) executive director Dr Glenn Edwards from says Prof Goodall has many accomplishments.

Prof Goodall is a Section Leader in the Centre for Cancer Biology and co-director of the CCB Australian Cancer Research Foundation (ACRF) Cancer Genomics Facility at SA Pathology, an NHMRC Principal Research Fellow and an Adjunct Professor of UniSA.

"His recent work has focused on microRNAs and circular RNAs involved in cell invasion and cancer metastasis," Dr Edwards says.

Prof Goodall says he is proud of his team and their work at the CCB.

"This medal is the result of the great work done by my team and collaborators at the CCB. They have helped open up new areas of understanding of gene regulation involved in cancer metastasis," Prof Goodall says.



Professor Greg Goodall holding the Julian Wells Medal.

Top tier recognition for UniSA's MBA

UniSA's [Master of Business Administration](#) (MBA) has achieved top-tier rankings in three categories of the newly released [CEO Magazine's 2018 Global MBA Rankings](#).

The accolades recognise UniSA's MBA as a Tier 1 MBA worldwide – the highest ranking given by the magazine. It also acknowledges UniSA's MBA as being the highest ranked online MBA in Australia, and ninth in the world in the online MBA category.

Released in March, *CEO Magazine's* ranking system is geared and weighted to fact-based criteria, delivering

performance-based benchmarks for more than 270 programs across North America, Europe, Australia, New Zealand and the BRICS (Brazil, Russia, India, China and South Africa).

UniSA Executive Director for MBA and Executive Education, [Peter Stevens](#), says the ranking is wonderful recognition for UniSA's world-class program.

"Our MBA is consistently ranked among the world's best and this accolade is further testament to the outstanding quality of our program," he says.

Stevens says the team is particularly proud of the MBA's online results.

"Our MBA has been available online for many years, however this is the first time we have entered an online ranking category," Stevens says.

"This top ten global result demonstrates our success in not only the online category but also the flexibility of our program to study face-to-face, online and in a flexible blended mode.

"Plus, to be recognised in Australia as the number one MBA in the online category is a terrific achievement."

The accomplishment follows on from a Top 10 ranking in the [Australian Financial Review Boss Survey](#) and a five-star rating from the [Graduate Management Association of Australia](#) (GMAA) for ten consecutive years.

A full list of the 2018 CEO Magazine rankings is available on the CEO Magazine [website](#).

Staff and students recognised as young achievers

A number of UniSA students have been recognised in this year's [Channel 9 Young Achiever Awards](#) which acknowledge, encourage and promote the positive achievements of young people (up to age 29) throughout South Australia.

In the 12 categories, 40 finalists have been chosen including 11 UniSA students.



- **Multicultural Youth South Australian Spirit of Resilience Award**
Shamsiya Mohammadi (student)
- **Rural Doctors Workforce Agency Rural Health Award**
Diana Calic (student)
Stephen Fantinel (student)
- **First National Real Estate Innovation Award**
Tahnee Denning (student)
Pascal Ward (student)
- **The Coffee Club Arts and Fashion Award**
Mia van den Bos (student)
- **The STEM Award**
Franke Agenbag (student)
- **Websters Lawyers Service to the Community Award**
Damien Walker (student)
- **Worldwide Printing Solutions Sports Award**
Sasha Glasgow (student)
Kurtis Marschall (student)
- **WFI Insurance Small Business Achiever Award**
Phoebe Hunter (student).

A number of other UniSA staff and students were also named as semi-finalists.

The awards will be presented at a gala presentation on Friday 11 May.

2017 Ralston Medal for Excellence in Physical Chemistry winners

Three UniSA researchers are part of a team who have been awarded a medal recognising an outstanding journal article about using flotation to recover valuable mineral particles.

The winning paper, *Critical contact angle for coarse sphalerite flotation in a fluidised-bed separator vs. a*

mechanically agitated cell, highlighted the challenges of recovering valuable mineral, coarse-sized particles by flotation.

Professor Bill Skinner, Associate Professor Max Zanin and Dr Bellson Awatey, from UniSA, as well as Dr Jaisen N. Kohmuench and Homie Thanasekaran from the Eriez Flotation Division, were awarded the 2017 Ralston Medal for Excellence in Physical Chemistry by the [Future Industries Institute](#).

The Ralston Medal is named in honour of one of Australia's most prominent physical chemists, Emeritus Laureate Professor John Ralston, the founder and director for 18 years of the Ian Wark Research Institute at UniSA – the precursor of the Future Industries Institute.

The prestigious medal is awarded biannually to the most outstanding journal article by staff, students or alumni of the Future Industries Institute published in the past five years exemplifying excellence and innovative research benefitting the minerals and pharmaceutical industries.

The paper was published in [Mineral Engineering](#).

Recognition for volunteer work to improve health of mums-to-be

Thousands of expectant mothers across rural and remote Australia are unable to access potentially life-saving antenatal ultrasounds because of a lack of trained health practitioners.

UniSA Online's Associate Dean, [Associate Professor Dr Nayana Parange](#) is working towards addressing this gap to improve the health and wellbeing of mothers and their babies.

Dr Parange has received a 2017 Governor's Multicultural Award for volunteer work in developing ultrasound services, as well as upskilling health professionals in rural, remote and Indigenous communities. This has involved providing quality point-of-care obstetric and gynaecological ultrasound training to reduce perinatal mortality and morbidity.

Dr Parange won the volunteer category of the Governor's Multicultural Awards. The annual awards celebrate South Australians who promote multiculturalism and increase understanding of the benefits of cultural diversity in the community.

She says there are too many rural and remote communities in Australia, as well as overseas, without access to qualified professionals available to conduct antenatal ultrasounds.

"This is an essential process that helps to identify a myriad of life threatening conditions in the mother and their baby during the pregnancy," Dr Parange says.

"By making ultrasounds more accessible, we can help to reduce morbidity and mortality rates in mothers and babies in the long run. Through our work, women in these areas can access a range of services, in a culturally acceptable manner, without uprooting them from their community."

Dr Parange leads the 100 per cent online health degrees for [UniSA Online](#), but she says she's gained a lot from her volunteering work.

"Volunteering gives me a sense of purpose and deep satisfaction. It keeps me grounded, and connected to the communities. Through my work, I've connected with like-minded people and professionals across various sectors in the industry who are passionate and enthusiastic about sharing their time, skills and efforts, and work tirelessly to achieve a sustainable impact on community."

Aged care team wins Governor's Multicultural Award

Three UniSA researchers have won a 2017 Governor's Multicultural Award for an interactive aged care learning resource that equips staff for communicating and working in linguistic, cultural and faith-based diversity.

Associate Professor Angela Scarino, Dr Jonathan Crichton and Dr Fiona O'Neill from the [Research Centre for Languages and Cultures](#) were recognised at a ceremony at Government House.

Their resource aims to enable staff working in aged care to improve the communication of care and safety in diverse aged care settings. It was developed following in-depth interviews with nurses and care workers.



Associate Professor Dr Nayana Parange (Middle).



Dr Jonathan Crichton receiving the award. Also pictured are Helen Smith (Southern Cross Care),

“Aged care staff and clients bring together diverse languages, cultures and faiths to communicating care and safety,” Dr O’Neill says. “When those receiving care have complex health profiles such as dementia, communication becomes even more complex.”

Dr O’Neill says the resource draws on the existing expertise of nurses and care workers, and encourages reflection and exchange of their diverse perspectives and experiences. The innovative, intercultural approach taken in the resource supports the transformation of understandings and practices.

The resource was developed in collaboration with industry partners, [Helping Hand Aged Care](#) and [Southern Cross Care](#), and Dr O’Neill says, was made possible with an Innovation Practice Grant from [SafeWork SA](#).

“The Innovative Practice Grant enabled us to build on a previous study with Helping Hand in which we explored the implications of escalating linguistic, cultural and faith-based diversity in aged care.

“Thanks to the grant we were able to expand our industry engagement and create a resource with immediate relevance in the aged care sector with the potential for further impact in other industries beyond aged care.” “We are delighted that the award allows us to share an approach that goes beyond understanding diversity simply as something that ‘others’ have – we all contribute to diversity.”

UniSA students awarded scholarships for innovative research

Six UniSA students were among the high-achieving South Australians to receive a prestigious [Playford Memorial Trust Scholarship](#), awarded at a ceremony this month.

The scholarships, worth almost \$500,000 in total, focus on students working in areas of strategic importance to the future of South Australia and were awarded in a ceremony at UniSA’s Allan Scott Auditorium.

Four UniSA students received Playford Trust Honours Scholarships:

- Tanya Charlson, Bachelor of Sustainable Environments (Honours), is focused on the conservation of genetic diversity and will collaborate with the South Australia Seed Conservation Centre to complete her Honours project.
- Sarah Graham, Bachelor of Biomedical Research (Honours), aims to develop a series of biocompatible thermo-responsive polymers based on polysaccharides that can be used for a variety of biomedical applications.
- Kara Paxton, Bachelor of Biomedical Research (Honours), is working on the development of a formulation to improve the absorption of the antipsychotic Risperidone.
- Andrew Vorrasi, Bachelor of Engineering (Honours) (Mechatronic), is working on robotics and automation with Adelaide-based tech start-up My Sky Technologies on his final-year project.



(L-R) Playford Trust Board member, Bunt Parsons, UniSA Honours Scholarship recipients, Andrew Vorrasi, Kara Paxton, Sarah Graham and Tanya Charlson, and Professor Allan Evans. Photo by Julius Zieleniecki.

The UniSA recipient of the **Chartwells / St Ann’s College / Playford Trust Residential Scholarship** was:

- Brianna Schaefer, Bachelor of Environmental Science, worked over the summer as a grain harvester operator for collaborative farm Bulla Burra and has taken on a leadership position at St Ann’s College.

The UniSA recipient of the **Thyne Reid Foundation/Playford Trust PhD Scholarship** was:

- Alexander De Vries Van Leeuwen from the School of Natural and Built Environments, who’s PhD project is focused on understanding the distribution and partitioning of elements during high-temperature metamorphic processes.

2015 UniSA PhD Scholarship winner, Hannah Thomas, was a guest speaker at the ceremony. She outlined her research seeking to reduce the number of diabetic wounds that lead to amputation.

APPOINTMENTS

UniSA director appointed to higher education standards advisory body

The Director of UniSA’s Office of the Vice Chancellor and Strategic Programs, [Adrienne Nieuwenhuis](#), has been appointed to the legislative body responsible for

providing advice to government on how to maintain the quality and standards of Australia's higher education system.

Adrienne Nieuwenhuis is one of five new members appointed to [The Higher Education Standards Panel](#) (HESP). She was previously a member of the inaugural Higher Education Standards Panel (2012-2014).

Education Minister Simon Birmingham says he is looking forward to working with the panel to strengthen Australia's higher education system.

"The panel members' experience and expertise will continue to help develop and guide Australian higher education policies and practices," Birmingham says.

As part of an initial work plan, the Federal Government has asked the panel to:

- Oversee a review of the higher education Provider Category Standards
- Work with the Tertiary Education Quality and Standards Agency (TEQSA) to further improve its regulatory approach
- Assess the effectiveness of the Higher Education Standards Framework for the regulation of overseas campuses of Australian institutions
- Consider whether credit transfer policies and standards in higher education are adequately meeting the needs of students and institutions
- Provide input to the Review of the Australian Qualifications Framework
- Monitor and receive reports from the QILT Working Group and the Higher Education Data Committee's efforts to reduce duplication in higher education reporting requirements; and
- Identify other deregulatory opportunities in higher education.



ANNOUNCEMENTS

UniSA to lead project providing Australians with safer medicines

UniSA will play a key role in a new \$200 million cooperative research centre to improve the health of Australians using digital technology.

[Professor Libby Roughead](#) from UniSA's School of Pharmacy and Medical Sciences is leading one of the themes – targeted at curbing medication errors and adverse drug reactions, which costs the health system \$1.2 billion a year.

The Federal Government is investing \$55 million in the Digital Health Cooperative Research Centre (CRC), in addition to significant cash and in-kind funding from partners.

Sixteen Australian universities are involved in the seven-year project, along with 40 commercial and government organisations in the health, care and disability sectors and a range of technology start-up companies.

Professor Roughead, an expert in unsafe medication practices, says there are an estimated 230,000 medication-related hospital admissions a year which are preventable.

"Adverse drug reactions result in 400,000 GP visits a year and are responsible for 30 per cent of emergency hospital admissions in the elderly," Prof Roughead says.

"As many as two million people a year have problems with their medicines," she says. "And if you walked into a hospital in Australia today, there is a 10 per cent probability that you would experience an error in the way your medicines were given."

Professor Roughead will collaborate with a range of experts spanning the health, internet technology, software and mathematical fields across Australia, including colleagues within UniSA's [Institute for Choice](#) and the [Advanced Computing Research Centre](#).

Consortium chair Professor Christine Bennett says digital health solutions have the potential to improve people's health and wellbeing, reduce waste in the health system and build businesses and jobs in the rapidly growing digital health sector.

The World Health Organisation (WHO) has also listed patient safety as one of its key global challenges, in the wake of figures showing that medication errors cost the global healthcare system US\$42 billion each year.

The Digital Health CRC will have at least \$111 million in cash funding and \$118 million in-kind funding to invest over its seven-year life and is expected to create at least 1000 new jobs.

Read more about the new CRC on its [website](#).

Aboriginal dance group wins UniSA Fringe festival award

With a commitment to providing a platform for new and upcoming talent to share and grow their skills, UniSA joined the [Adelaide Fringe Festival](#) in 2018 as a partner.

As part of its support for the festival and helping to showcase its diverse arts and cultural events with the wider community, UniSA sponsored the Award for Excellence in Aboriginal Creative Arts.

The following shows received the weekly awards over a three-week period before the overall winner was decided:

- Week 1: [Driftwood](#) used traditional and contemporary circus techniques to bring together a spectacular display of choreography, acrobatics, trapeze and aerial stunts
- Week 2: The traditional Aboriginal Culture Festival, [Dupang Festival](#) was held at the Coorong waterfront
- Week 3: [Djuki Mala](#), a high energy show that fused traditional Yolngu, pop culture and dance storytelling.

The overall 2018 UniSA Award for Excellence in Aboriginal Creative Arts went to Djuki Mala.



The overall 2018 UniSA Award for Excellence in Aboriginal Creative Arts went to Djuki Mala.

Recognising William Westbury

On the 82nd anniversary of his death, Aboriginal war veteran William Westbury's memorial was re-dedicated to reflect the full measure of his service in both World War One (WWI) and the Boer War.

With a commitment to the re-creation and commemoration of Aboriginal history in South Australia, the dedication was sponsored by UniSA.

A Boandik man, Westbury is South Australia's only Aboriginal veteran to serve in both the Boer War and WWI.

Despite no military training or experience before joining the army to serve his country, he survived the horrors of the Boer War and 14 years later was one of the first soldiers to land at Gallipoli and one of the last to leave in December 1915.

He went on to serve in France and returned to Australia at 40-years-old. Suffering from rheumatism, he discharged in August 1917. He was awarded the 1914/15 Star, the British Service Medal, and the Victory Medal for his service.

Westbury returned to family and friends in Mt Gambier and later moved to Pinnaroo where the dryer conditions were better for his health.

He found work there and was a well-respected and well-liked member of the community. He died at age 58 in 1936.

His memorial at Pinnaroo now reflects the true and entire service of William Westbury.

"Serving Country" William Charles Westbury (1879-1936), a booklet prepared by author Peter Bakker for the rededication (Feb 2018, 12pp) is available for purchase by emailing: phbakker@bigpond.net.au.

UniSA to lead research and education into social enterprise

UniSA has signed an agreement to establish a Yunus Social Business Centre at UniSA, affiliated with the global organisation [Yunus Social Business](#).



William Westbury (far right).

Named for its co-founder and Nobel Peace Prize winner, [Professor Muhammad Yunus](#), Yunus Social Business was established in 2011 following the success of Prof Yunus's [Grameen bank](#) in creating a micro-finance model to support the development of small businesses, a model now successfully applied in some of the poorest communities around the world.

Prof Yunus was in South Australia in March to formally sign the agreement with UniSA and to promote the work of Yunus Social Business.

Unlike a charity, social businesses generate profit and aim to be financially self-sustaining.

Social businesses either create income for the poor or provide them with essential products and services like healthcare, clean water or clean energy to support their creation. One hundred per cent of the company profits are reinvested in continuing the company's social mission.

UniSA Acting Vice Chancellor (at the time of the announcement), [Prof Allan Evans](#) says the Yunus Social Business Centre at UniSA will provide a unique opportunity for students to learn how business principles can be applied to support the most marginalised groups move out of poverty.

"This relationship will open opportunities for new research across disciplines, harnessing our strengths in business, education and the social sciences to develop research relevant to poor or marginalised Australian communities and to marginalised people in the Asia-Pacific region," Prof Evans says.

"It will also open up the whole area of social enterprise, microfinance and social business for our students and lead to placement opportunities where they can see this vital work in action.

"We are delighted to have made this important connection with Prof Yunus, one of the most innovative minds working to alleviate poverty in the world today, and to the team behind Yunus Social Business and Grameen bank and its work."



Professor Muhammad Yunus and UniSA Pro Vice Chancellor (Business and Law) Professor Marie Wilson.

[Tweet](#)

[Share](#)

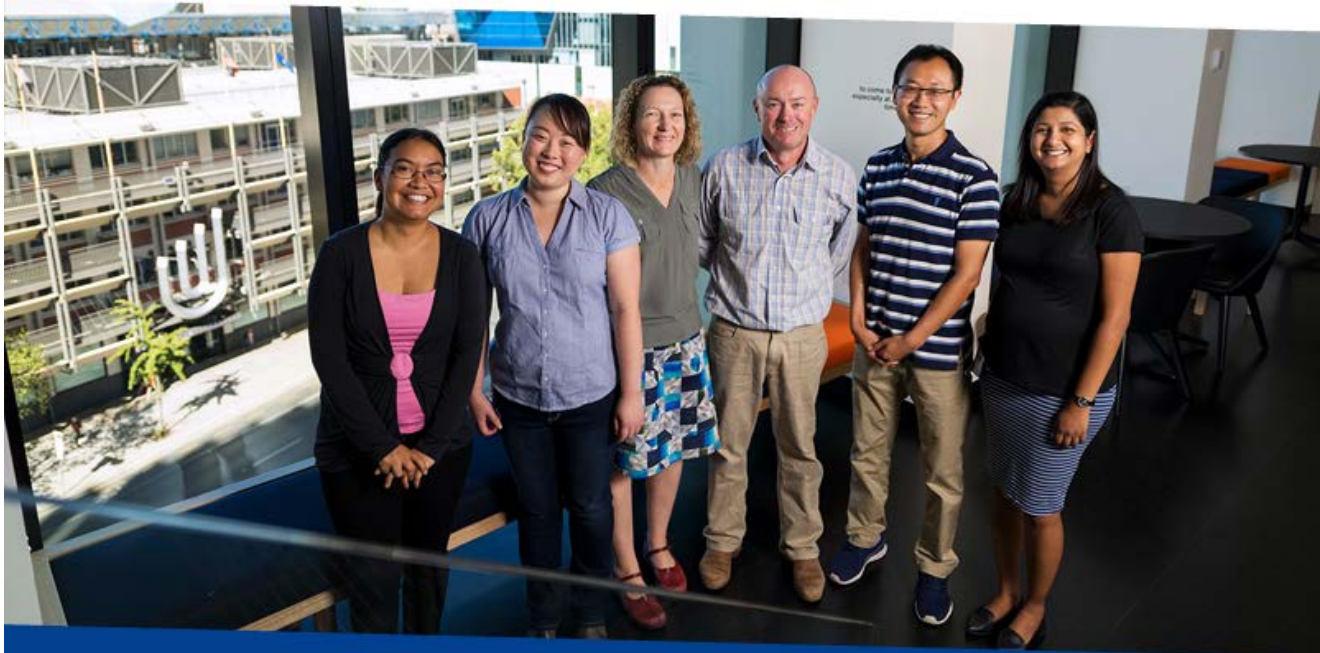
[top^](#)



The vaccine innovation that will protect against multiple diseases

[Back to story index](#)

by Michèle Nardelli



HEALTH

Professor John Hayball and his team of UniSA researchers.

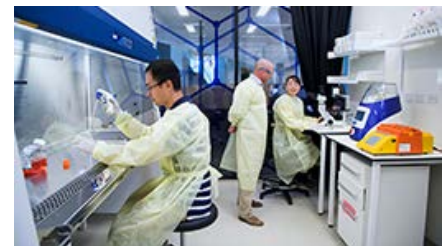
Researchers have developed new technology able to deliver vaccines for many diseases and conditions, more cheaply and efficiently.

The Sementis Copenhagen Vector (SCV) vaccine has been tested in preclinical proof of concept studies and been shown to provide protection against a number of serious infectious diseases spread by mosquitoes.

Created by a team of UniSA researchers in collaboration with [Sementis Limited](#) and QIMR's [Berghofer Medical Research Institute](#), the vaccine protects against [Chikungunya](#) infection and its virus-induced complications and [Zika virus](#) – importantly preventing transmission of the virus to the foetus in pregnancy and also persistent infection of the testis.

Researchers took the world's first and most successful vaccine against smallpox; genetically altered it to improve its safety and efficacy – and created a new vaccine platform able to deliver multiple antigens to guard against serious infectious diseases, including the zika and chikungunya viruses.

Leader of the UniSA research team, [Professor John Hayball](#) says the outcome is the result of a highly effective collaboration with Sementis and QIMR over several years.



Researchers working on the vaccine.

UniSA swats Zika virus

BRAD CROUCH

RESEARCHERS from UniSA have produced a breakthrough vaccine to protect against the dangerous Zika virus that can lead to foetal deformities. The vaccine could also stop

the infection of other mosquito-transmitted viruses – and would deliver "health benefits to millions of people".

The debilitating Ross River virus is just one diseases the vaccine can target.

REPORT PAGE 7

Page 1 of *The Advertiser*, 28 March 2018

“We have now proved this is a very effective delivery vehicle for a vaccine protecting against multiple infectious diseases,” Prof Hayball says.

“Working together, we will continue to explore the potential of this platform to deliver multiple disease vaccines.

“This work puts us well on the way to delivering health benefits to millions of people around the world by providing more effective and accessible vaccines.

“The potential applications of this Australian research for a range of diseases and other conditions is enormous.”

The results of the research have been published in the prestigious journal, [Nature Communications](#).

In the next phase of this work, Sementis has been invited to use the preclinical services of the renowned US Government National Institute of Health’s Institute of Allergy and Infectious Diseases (NIAID) laboratories to evaluate the SCV vaccines in a non-human primate vaccination study.

The study will be funded by NIAID and bring the vaccine one step closer.

The SCV vaccine was produced using Chinese Hamster Ovary (CHO) cells, as are all Sementis’ SCV-based vaccines, which are routinely used for large scale manufacturing of biopharmaceuticals.

Sementis’ Chairman, [Maurice O’Shannassy](#), says the production of a viral vectored vaccine in a CHO cell substrate is a game-changer in terms of the improved economics of vaccine production and providing vaccines on a global scale.

“Previous vaccinia-based vaccine vector systems have used chicken embryo fibroblasts for manufacture, which is associated with a number of manufacturing and safety issues,” he says.

“Being able to manufacture a vectored vaccine using CHO cells is a world first and offers a number of advantages in the event of an outbreak, including rapid manufacture scale-up and cold chain (refrigeration) independent distribution capacity.”

Zika virus is a new and emerging virus that is transmitted by mosquitos where infection often causes no or mild symptoms similar to a very mild form of dengue fever. But in some adults, Zika virus can lead to *Guillain Barre syndrome*, a condition in which the immune system attacks the nerves.

Perhaps the most devastating manifestation of Zika virus infection is the array of congenital abnormalities in the foetuses and infants of women infected while pregnant.

Zika virus infection can persist in the male reproductive tract, where infected males can transmit the virus to sexual partners during this period of persistent infection, which dramatically increases the risk that an infected male inadvertently transmits the virus to a pregnant partner. Currently there are no antiviral drugs or vaccines for Zika virus.

Chikungunya is a viral infection caused by the chikungunya virus, also transmitted by mosquito, the very same mosquitos that transmit Zika virus.

In some cases, Chikungunya is asymptomatic – persons do not exhibit symptoms, but those with symptoms usually suffer from sudden fever and severe muscle and joint pain and in a few cases chronic joint pain may last for several weeks or months and may be accompanied by eye, gastrointestinal, neurological, and heart complications. Chikungunya is rarely fatal and treatment includes supportive care of symptoms as there are no antiviral treatment or a vaccine available.

[Tweet](#)

[Share](#)

1

RELATED STORIES





HEALTH

How does your fitness compare with an elite athlete? [more](#)



HEALTH

Staff and students help military veterans prepare for Sydney games [more](#)

[top^](#)



Pridham Hall opens its heart and its doors to graduates

[Back to story index](#)

by Michèle Nardelli



COMMUNITY

Pridham Hall, located on Hindley Street within UniSA's City West campus, hosting graduations during April.

Thousands of graduates are making history by being among the first to cross the stage at UniSA's new cultural and sporting facility, Pridham Hall – which opened its doors to the public for the first time this month.

Built to be the heart of UniSA's City West campus, Pridham Hall has been hosting about 4000 graduates and their families across 12 ceremonies between Monday 9 April Wednesday 18 April. A special piece of music composed by Aboriginal Australian soprano Deborah Cheetham, debuted at the first ceremony and will be used at all future UniSA graduations (see separate [UniSA News story](#)).



Official construction of the \$50 million Pridham Hall, designed as a student-focused sports and functions venue, began in October 2015 with the turning of the first sod.

Generous donations from more than 500 alumni and friends of the University have contributed to the project, including a remarkable \$5 million benefaction from the family of alumnus, investment banker and Chairman of the Sydney Swans, Andrew Pridham.

Award-winning South Australian firm [JPE Design Studio](#), renowned Norwegian architecture firm [Snøhetta](#), and South Australia's own [JamFactory](#) are behind the design of the building, which features an array of sporting facilities from basketball courts and a rock climbing wall, to an underground swimming pool, exercise and dance studio, a gymnasium, and flexible seminar and function rooms.

The gym facilities and pool will be open to the public from Monday 14 May.

UniSA Vice Chancellor Professor David Lloyd says it is fantastic to see an ambition realised.

"The idea for Pridham Hall first surfaced from [unijam](#) 2013, a unique consultation undertaken with all of our staff, students and wider circle of institutional partners and friends," Prof Lloyd says.

"Our students really wanted sporting facilities on campus, but they also wanted to have a significant venue where they could graduate and create enduring memories of their time at UniSA.



"Pridham Hall delivers both and we are really excited to open the doors and start that memory- making for our students.

"We are extremely grateful for all the support we have had on this project, from the architects, designers, builders and project managers and from all of the people who have generously supported its construction."

Pridham Hall has a graduations seating capacity of just over 1800 people. Ceremonies are smaller than in previous years, acknowledging feedback from students for an on-campus venue where they can graduate with their classmates.

During construction from October 2015 until January this year the project generated employment for more than 30,000 people including 47 trade packages.

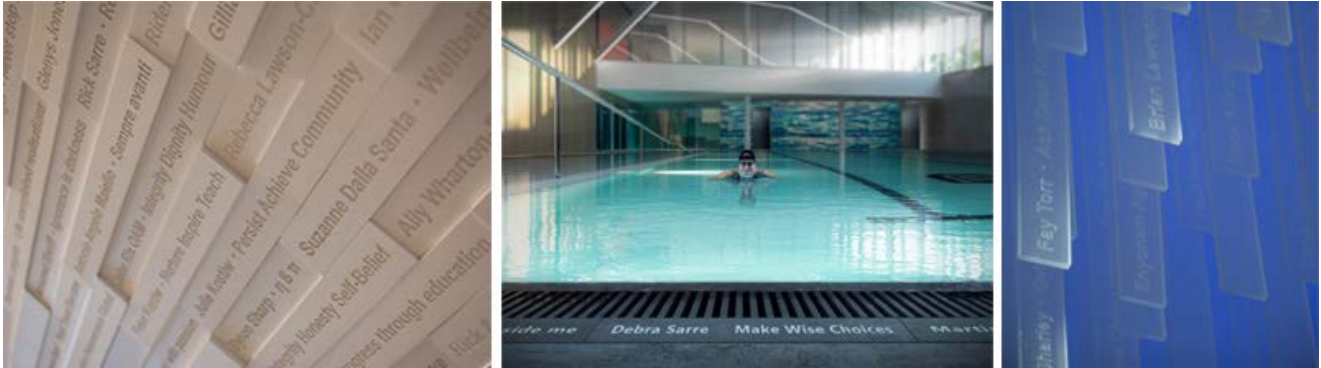
The new underground heated pool is 25m long with five lanes and has been designed to provide wheelchair access. The 1589.2m2 hall features two basketball courts and a rock climbing wall.



A [campaign](#) giving donors the opportunity to inscribe three inspirational words in the architecture of the building continues today.

These words are visible on the foyer's interior walls, inscribed in the pool and on the leaves of a central foyer

chandelier.



Graduations will be held in Whyalla on Friday 4 May and Mount Gambier on Friday 11 May.

See some of the images from graduations see [In Pictures](#).

Tweet

Share

1

RELATED STORIES



New musical composition marks milestone for every graduate [more](#)



Prominent Australians honoured at UniSA graduations [more](#)

[top^](#)

Bid to develop world leading sustainable mining and minerals sectors

[Back to story index](#)

by Michèle Nardelli



SCIENCE AND TECHNOLOGY

UniSA has a leading role in a new MinEx Cooperative Research Centre dedicated to developing a more sustainable and productive minerals industry for Australia.

Supported by \$50 million from the Federal Government and more than \$150 million in cash and in-kind support from industry, the new CRC will deliver more effective, safe and environmentally friendly drilling technologies linked to in-field sensing and real-time data analytics.

A significant component of MinEx CRC will be deployment of the new technologies in an Australia-wide drilling program which will collect mineral exploration data on never before sampled rocks that are hidden but prospective for minerals.

UniSA Deputy Vice Chancellor [Professor Tanya Monro](#) says the MinEx CRC is an excellent example of how universities can play a core role in delivering vital outcomes for the nation that are clearly focused resolving industry challenges.

“At UniSA this has always been our focus, so it is fantastic to once again be playing a leadership role in the minerals and mining sector to help build a sustainable, innovative and environmentally conscious future for this vital sector in the Australian economy,” Prof Monro says.

“This is exactly the sort of partnership we, as Australia’s University of Enterprise, want to be a part of – one that has real deliverables and one that will support industry innovation and build the right skills for the country for us to maintain our leadership role globally in this sector.”

UniSA will host the South Australian node of the MinEx CRC at its Mawson Lakes campus.

The structure of the new CRC links industry end users through innovative service and supply chain companies to

research organisations. This provides a direct pathway to impact for fundamental research.

Chief Scientific Officer for the MinEx CRC and John Ralston Chair in Minerals and Resources Engineering at UniSA's Future Industries Institute, [Professor David Giles](#) says the goal is to drive a revolution in minerals exploration.

"In the Australian context, the cost of exploration for new deposits has risen over the past 30 years and our success rate has declined," Prof Giles says.

"We need to improve our performance if mineral resources are to continue their significant contribution to the Australian economy. Mineral resources contributed about 50 per cent of Australia's exports and about 10 per cent of our GDP in 2015-16.

"Our efforts at the CRC will focus on developing safer, more productive, and more environmentally friendly drilling methods and technologies, to discover new minerals deposits and support the long-term future of the industry."

For more details, see the [media release](#) announcing the CRC.

[Tweet](#) [Share](#)

RELATED STORIES



Mind-opening museum opens in May [more](#)



Wearable technology helping the footballers of the future [more](#)

[top^](#)

The bilingual high school coming to campus

[Back to story index](#)

by Michèle Nardelli



HUMANITIES

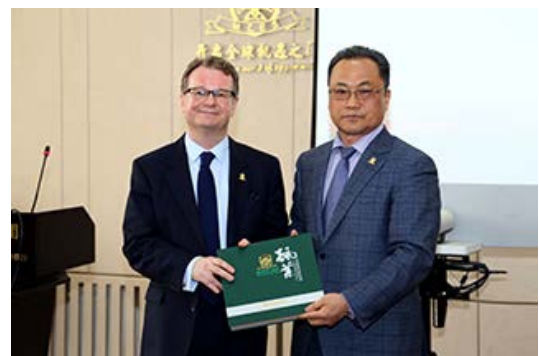
The Maple Leaf School at UniSA will offer a bilingual English-Mandarin curriculum for senior high school students in grades 10-12.

An English-Mandarin bilingual high school will open at UniSA's Mawson Lakes campus next year.

The development follows the signing late last month of an agreement between UniSA and Chinese company [Maple Leaf Education Asia Pacific Limited](#) (Maple Leaf).

Former Westminster College Principal [Steve Bousfield](#) will be principal at the new school.

The Founder, Chairman and Chief Executive Officer of Maple Leaf, [Dr Sherman Jen](#) says he is delighted to be working with UniSA to bring a complete bilingual education environment to students in South Australia.



UniSA Deputy Vice Chancellor: External Relations and Strategic Projects Nigel Relph with Founder, Chairman and Chief Executive Officer of Maple Leaf Dr Sherman Jen at the signing of the agreement.

“We are looking forward to opening the first Maple Leaf high school in Australia at the University of South Australia,” Dr Jen says.

“UniSA offers not only an excellent location for the school at Mawson Lakes but also an association with one of the world's top 50 universities under 50 years old.

“We admire UniSA's high educational standards, its international outlook and enterprising spirit.”

UniSA Deputy Vice Chancellor: External Relations and Strategic Projects, [Nigel Relph](#) says he is delighted to be

hosting the Maple Leaf high school at UniSA.

“Maple Leaf has a fantastic reputation for excellence and this new bilingual school will ensure more students have an opportunity to truly immerse themselves in the language and culture of another country,” Relph says.

“It will also provide an extraordinary opportunity for students of Education at UniSA to have first-hand experience of a bilingual school in action, to analyse the Maple Leaf curriculum and understand more about the benefits of bilingual education.

“We anticipate Maple Leaf’s network of 80 schools will provide broad opportunities for classroom observation, research, practicum experience, and in future international work opportunities for our Bachelor of Education graduates.

“We also look forward to the increased profile that Maple Leaf can provide for UniSA in China, raising awareness of our enterprising young university in the world’s largest country for international students.”

Maple Leaf schools in China will graduate more than 2500 students in June 2018 and an increasing number of those students go on to choose Australian universities for their higher education.

The Maple Leaf School at the University of South Australia (MLS-UniSA), will be the first high school in Adelaide established by a Chinese education group. The School will offer a bilingual English-Mandarin curriculum for senior high school students in grades 10-12 and is expected to open in February 2019 with about 60 to 75 students.

China Maple Leaf Educational Systems Limited opened its first school in 1995 and has grown to become the largest operator of international schools in China, with more than 32,000 students enrolled in 20 cities in China.

Maple Leaf Educational Systems and all its high schools are also accredited by AdvancEd, the largest school accreditation agency in the United States of America and in the world.

[Tweet](#) [Share](#) [1](#)

RELATED STORIES



INSIDE UNISA

The latest achievements and announcements [more](#)



SCIENCE AND TECHNOLOGY

Wearable technology helping the footballers of the future [more](#)

[top^](#)



Wearable technology helping the footballers of the future

[Back to story index](#)

by Anne Zervaas



SCIENCE AND TECHNOLOGY

UniSA Connect Officer: Schools Katie Gloede (right) fits the GPS units onto secondary school students who are part of the Adelaide Crows' Next Generation Academy.

Talented young footballers are getting hands-on experience with wearable technology used by AFL clubs to analyse gameplay and player performance.

It's part of a new partnership between [Adelaide Football Club](#) and UniSA providing educational opportunities and fostering interest in the range of sports science careers available.

Delivered by [UniSA Connect](#) (which offers free programs to inspire secondary school students to study or pursue careers in science, technology, engineering and mathematics) with the Adelaide Football Club's [Next Generation Academy](#) (NGA), Year 11 and 12 students learn about how GPS units work, their capabilities and their implications to elite sport. Similar opportunities are available for secondary students to book at unisa.edu.au/UniSA-Connect

Before training sessions and practice matches, young players are fitted with the [VX Sport](#) GPS units and heart rate monitors. After each session they analyse their personal data, evaluate their performance and set targets for improvement, using a specific player profile created for them. Sensors used as part of the tracking include an accelerometer, magnetometer and gyroscope.

The UniSA Connect team provides the players with data including time



Next Generation Academy footballer Daniel Sladojevic says the GPS data has helped him improve his performance.

spent in speed zones; high intensity distance; metres per minute; and heart rate zone recordings. Coupled with location reports and individual track reports, the breakdown of each session allows them to complete a detailed analysis of their own performance.

The data can be used for player benchmarking and to provide insight into each player's development, helping to prioritise individual performance goals.

Crows Next Generation Academy Manager Jarrod Meers says the GPS and heart rate monitoring have been incredibly valuable for young players.

"For many it's the first time they have worn and used such devices, let alone learnt about the key parameters that AFL clubs track during training and games," Meers says.

"As our Academy boys navigate through the talent pathway programs and hopefully make it on to our AFL list, we can be confident when they put on a Crows guernsey that they already understand and are able to analyse and evaluate their own physical performance."

Next Generation Academy footballer Daniel Sladojevic says the data has helped him on the field.

"The GPS data has helped me improve my performance by identifying my areas of strength, my endurance/long distance running, and areas of improvement, mainly my sprint efforts," Daniel says.

"This insight allowed me to train smarter. I have also used the data to track how my fitness has progressed throughout the preseason, which showed that I had in fact improved my fitness."

Another University collaboration involves fitting players with microphones to explore on-field language. Hearing first-hand how players communicate with each other on the ground allows the club and players to analyse their language practices, which can have a direct impact on performance.

For the Adelaide Football Club's NGA, the language data is used in education sessions that focus on the use of positive language and why it is important to talk on the field to teammates. Strong and effective on-field communication can improve performance and teamwork. Understanding the nature of language used is also important in managing the psychology of the players. For example, what do they say after a goal has been scored by the opposition? Can language be used to maintain morale in this case?

UniSA is also conducting research at the professional AFL level, tracking the language of AFL players to help coaches improve player productivity. For example, comparing the language practices of new players against more experienced players can provide insight into areas of improvement for new players to meet high performance goals. The research is also looking at the role of a team glossary – the terms a team use for on-field instructions that has the potential to be an insider language, one that the opposition may not know.

Access to GPS and on-field language data not only helps improve the performance of young players who are part of the Next Generation Academy, but shows that careers in the AFL go well beyond playing on-field. Sports science, including use of data, may be a worthy career to pursue after high school.

RELATED STORIES



HEALTH

How does your fitness compare with an elite athlete? [more](#)



SCIENCE AND TECHNOLOGY

Mind-opening museum opens in May [more](#)

[Disclaimer](#) | [Copyright](#) | [Privacy](#) | [Web accessibility](#) | [CRICOS Provider no 00121B](#) | [Contact UniSA](#)

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

Latest content revision: Monday, 16 April 2018



**University of
South Australia**

Staff and students help military veterans prepare for Sydney games

[Back to story index](#)

by Georgia Minarelli and Jacinta Mazzarolo



HEALTH

The [Invictus Team Australia](#) cycling training squad on top of Mount Lofty

> [Art therapy could be the answer to more effective PTSD treatment](#)

With Anzac Day fast approaching, thoughts often turn to commemorating servicemen and women who gave their lives for Australia. But there are many more who returned alive but still bear scars – both mental and physical – from their experiences.

To give these men and women something to strive towards and compete in, the [Invictus Games](#) were created, Invictus being the Latin word for ‘unconquered’ or ‘undefeated’. This year they will be held in Sydney, 20-27 October.

The Games harness the power of sport to inspire recovery, support rehabilitation and generate a wider understanding and respect for those who serve their country.

In mid-2017 UniSA and [The Repat Foundation – The Road Home](#) launched the [Invictus Pathway Program](#) to harness the power of sport and support the physical, psychological and social wellbeing of our returned service men and women.

The Invictus Pathways Program has been providing allied health training services to competitors and continues to draw on the expertise of health professionals and UniSA students to support participants, including conducting health and exercise testing and support at a recent cycling



The Governor, Hieu Van Le AC, meets members of the Australian Invictus Games Cycling Squad during a morning tea hosted by UniSA.

camp.

A further part of UniSA’s role in the collaboration is sponsorship and support for the Australian Invictus Games Cycling Squad. As well as sponsoring the squad’s cycling kit, UniSA staff and students provided health and exercise related testing and support at a recent cycling camp.

UniSA has provided a state-of-the-art tandem bike for Army veteran Michael Lyddiard to further his Invictus journey. Lyddiard is former sergeant and bomb disposal expert who lost his lower right arm, half of his left hand, and his right eye while clearing an improvised explosive device in Afghanistan in November 2007.

“I want to be an example to my sons, that no matter what happens in life, no matter what challenges come your way, you can’t give up,” Lyddiard says. “You have to keep moving forward.”

Many of the athletes are busy training for the 2018 Invictus Games by utilising UniSA’s state-of-the-art High Performance and Exercise Physiology Clinic at the City East campus.

[Invictus Pathway Program](#) participant Emily Young was featured in an [SBS documentary](#) on an endurance 24 hour cycle relay race called Revolve 24. Young says she relishes the opportunity to train in the University’s clinic with expertise on hand from staff and students, contributing to the support and camaraderie of the team.

“We’re very lucky and very privileged here in South Australia to be involved with UniSA and the Invictus Pathways Program,” Young told the documentary makers.

“The way they’ve welcomed us into their gym and facilities, have trained us, opened up to us and helped us physically and mentally as well.

“It’s brought us together as a team, the Invictus team, and the veterans, and the university as well, I think it will be modelled all around the world as it improves and evolves.”

Similarly, Brendan Larkin, another athlete participant, says he’s thankful for the [Invictus Pathway Program](#) as it provides the framework and motivation for the veterans to succeed.

“This program is great because it’s a structured program. A lot of us military types are used to having that structure,” he says in the documentary.

“Some struggle with the transition to the civilian world not having that structure in place. This provides that.”

More than 500 competitors from 18 nations will compete in 11 sports in Sydney from 20-27 October 2018. The events will be staged across greater Sydney, including at Sydney Olympic Park and on and around Sydney Harbour, with the opening ceremony to be held at the Sydney Opera House.

Art therapy could be the answer to more effective PTSD treatment

Is producing art an effective treatment for post-traumatic stress?

A UniSA researcher is examining the evidence to establish exactly what difference

art therapy makes to veterans and emergency services personal suffering from post-traumatic stress.

Academic researcher [Holly Bowen](#) has been awarded a three-year PhD Scholarship by [The Repat Foundation – The Road Home](#) to demonstrate the effectiveness of art therapy in treating post-traumatic stress. She has also received a Commonwealth scholarship worth \$17,500 and a UniSA Postgraduate Award to support her research.

Holly Bowen and her [International Centre for Allied Health Evidence](#) supervisor, Dr Kobie Boshoff, aim to prove art therapy as a legitimate treatment option.

“The hope is it can be considered a serious therapy for clinicians to prescribe, helping to reduce the stigma of seeking this treatment,” Holly told The Road Home, which is part of the Hospital Research Foundation.

Holly will conduct an audit of service providers around Australia to assess the availability of art therapy as a treatment. She plans to combine cutting-edge brain imaging techniques with in-depth interviews with existing art therapy patients. Holly will also recruit up to 30 veterans and service personnel affected by post-traumatic disorder to explore the effectiveness of art therapy.

Bowen says she hopes to see the treatment taken as serious as psychotherapy without the stigma and is excited for the potential impact this study could have on the care of people suffering with post traumatic stress.

Read more about Holly’s research in The Road Home’s newsletter, [The Despatch](#).



[Tweet](#) [Share](#)

RELATED STORIES



How does your fitness compare with an elite athlete? [more](#)



The vaccine innovation that will protect against multiple diseases [more](#)

[top^](#)



Insights from leading child protection expert

[Back to story index](#)

by David Myton, *Campus Morning Mail*



INSIDE UNISA

Any child in any economic status can experience abuse and neglect.

David Myton talks to one of Australia's foremost child protection researchers and co-director of the Australian Centre for Child Protection, at UniSA, [Professor Leah Bromfield](#).

Intrinsic to much academic research is a spirit of discovery, adventure, and hope. Yes, it can be demanding hard work, but that's ameliorated by all the thrilling boundary-pushing possibilities that lie just around the knowledge corner.

Leah Bromfield's research isn't quite like that. To be sure, her work most certainly is not devoid of discovery and boundary-breaking accomplishment.

It is just that she and her colleagues research a very difficult, complex and harrowing place: child abuse and neglect.

But Bromfield and her team shine a light on this space, bringing hope to an area of enormous need and helping to establish positive systemic change that will bring increased safety, security and care for current and future generations.

Professor [Leah Bromfield](#), one of Australia's foremost child protection researchers and an internationally recognised expert in the field, is Co-Director of the [Australian Centre for Child Protection](#) at the [University of South Australia](#).

Bromfield and her team work nationally and internationally with governments and non-government agencies to establish and implement child welfare reforms in policy and practice.

She also headed up the massive research effort of the [Royal Commission into Institutional Responses to Child](#)



Professor Leah Bromfield. Photo by Michael Mullan

[Sexual Abuse](#), which issued its final report in December last year.

That role came with a huge responsibility, what she calls “the burden of getting it right for survivors”.

“That responsibility was an honour and a privilege – and the hardest thing I have ever had to carry.”

To give an idea of the context in which she operates, the [statistics show](#) that during 2015-16, there were 225,487 Australian children suspected of being harmed or at risk of harm from abuse and/or neglect.

“I want to see the incidence of child abuse and neglect decrease,” says Bromfield.

“And I genuinely believe that what can make that happen is good science. That’s the key way our centre is helping to make a real contribution to transforming the lives of abused children.”

Bromfield is exposed through her research to brutality, neglect, and its impacts. And she never gets used to it.

“I can still be devastated by what happens to children,” she says.

“There are some areas in particular I find very difficult. Where we uncover safety issues for children, but we haven’t yet found a solution or I’ve been unsuccessful in influencing change.

“The knowledge of children suffering predictable harm haunts me.”

Shaping new directions in child protection policy

Research is at the core of Bromfield’s and the Centre’s work. And it is research with real world impact – helping to shape new directions in child protection policy such as the [National Framework for Protecting Australia’s Children](#), informing national, state and territory inquiries, and assisting individuals and organisations responsible for formulating child safety strategies.

Bromfield herself has secured an international reputation for expertise in devising child protection systems, and in understanding the multiple complexities surrounding child abuse, chronic maltreatment and neglect.

These problems show no sign of going away. Many of Australia’s child protection services are in crisis, she says, and struggle to cope with the relentless demand resulting from physical, sexual, and emotional abuse, neglect, and the exposure of children to domestic violence.

It is beyond the capacity of such agencies to solve these problems, she says, and what is needed is a fundamental rethink of society’s approach to protecting children.

Bromfield and her team are working on this – developing relevant and practical knowledge sources and devising new methodologies for engaging vulnerable and marginalised children, and their families, in child protection research.

The priority, says Bromfield, is to bring about a real and positive difference in the lives of vulnerable children.

In recognition of her work, Bromfield [received the](#) 2017 Telstra Business Women’s Public Sector and Academia Award.

“I was proud and honoured,” she says. “But you can’t win such an award as an individual, it’s the work of a team.”

The early years – school and university

Bromfield attended school in Ballarat, Victoria, and by Year 10 had designs on becoming a clinical psychologist.

“It was just the profession that made sense to me – you were helping people and I felt that’s what I wanted to do,” she says.

This desire to help wasn’t just something theoretical – from a young age she threw herself into volunteering and community work, which later included a stint as counselor for Lifeline and at a rape crisis centre.

She went on to study at Deakin University, graduating with a Bachelors of Applied Science with Honours and a double major in psychology and sociology.

Her next step was to embark on a PhD, during which time she became involved in a research project that included a focus on sick and dying children and the impact on their families.

“I realised I was interested in children and their outcomes, and in their responses where there was trauma,” she



Professor Leah Bromfield received the Telstra Business Women’s Award in the public sector and academia category.
Photo courtesy Telstra.

says.

A PhD scholarship to undertake research in the field of child protection was a serendipitous opportunity – “it combined my interest in trauma, children and their families, and I just fell in love with it”.

As her studies proceeded she found herself “shocked by how much was not known”.

“Child protection is an emerging field in terms of the science around it. There is more that we don’t know than what we do know.”

The PhD in the post box ... and a touch of serendipity

On completing her doctorate – on the chronic maltreatment of children and repeat involvement in child protection – Bromfield, like almost every other graduate in the world, had to think about what to do next.

Bright-eyed and optimistic, she decided to post the tome to Victoria’s department of human services.

“It was all leather-bound and big and I put it in an express post satchel. I pulled down the handle of the letterbox and pushed it in – the letterbox was empty and it made this big boom as it hit the bottom.

“I did have a moment then when I thought maybe this wasn’t a good idea, but it was in the post and I couldn’t do anything about it.”

Serendipity, however, was on her side. The person who opened her parcel just happened to be immersed in a child protection policy debate then taking place in the Victorian government.

Remarkably, Bromfield’s thesis was directly relevant to the issue and so ended up being used to inform work on drafting new child protection legislation and practice guidelines.

Her career was about to take off. “It was just pure luck that the person at the other end was the right person at the right time, and the window was open for it to have an impact,” she says.

“It’s ironic because in seeking to increase evidence-based practice I have devoted so much of my career to the science of research translation.

“But sometimes you can do it textbook perfect and just not get the impact – maybe there’s been a change of minister or government, and even though you did everything right, you fail to achieve change.

“Then there are those serendipitous moments where you do exactly the wrong thing – like dropping your full thesis in the post – and luck is on your side.”

She adds: “I would say to my PhD students – don’t even dream that that’s going to happen.”

Leading the Royal Commission’s research program

After five gruelling years of evidence and inquiry, [The Royal Commission into Institutional Responses to Child Sexual Abuse](#) delivered its final report in December last year.

During its term it held 57 [formal public hearings and heard evidence](#) about child sexual abuse within institutions from 1,200 witnesses over 400 days of hearings.

Bromfield, with a reputation for methodological rigour and a solid record of working closely with governments, was invited to be the Commission’s Professorial Fellow and to lead its extensive research program – amounting to more than 100 separate projects.

Much of the media coverage of the inquiry centred on the role of the Catholic Church, but evidence was also heard from individuals and organisations spanning orphanages, schools for children with disabilities, out-of-home care settings, and public and private schools.

“Essentially there was not an organisational type that had worked with children that didn’t come up within our work,” she says.

“We had to take a broad and multi-disciplinary perspective to frame our research agenda to inform the Commission’s understanding and its recommendations.”

It was a massive job, and speed was of the essence. “With a Royal Commission, one of the things that can’t be changed is the timeline – it can’t not be on time.”

She rapidly set up a research team, including qualitative and quantitative researchers, and also contract managers.

"We had to work out how we could commission the best people and get them to sign contracts quickly.

"I had to get someone on board who understood Commonwealth Government procurement guidelines ... You are dealing with public money and it has to be expended properly.

"Your ethics on every decision had to be beyond reproach because, if they weren't, it would call the Commission into disrepute – and that could undo everything it was trying to do for survivors.

"We had a six-monthly review cycle for the research program. It wasn't just a test of my content or methodological expertise, it was also a test of my leadership skills."

Impact of the Royal Commission research

Bromfield says the Royal Commission's research focus created a new way of undertaking such inquiries.

"In the past, inquiries predominantly focused on bringing in lawyers to try to get a legal understanding of the problem, and lawyers are brilliant at that.

"But inquiries have then tended to make recommendations for change on the basis of logical deduction – if this failed in the past then the logical deduction is that we add this to it, or we do the opposite, then that will be the solution.

"So you tend to get not transformation but reform, where you add more monitoring or surveillance or training.

"An evidence-based approach brings a different way of developing policy, one that is transformative."

The research program was cited in every volume of the Royal Commission report, "so it clearly had a significant impact on its understanding and the recommendations it made".

The research, says Bromfield, was of a world-class standard and contributed to the international evidence base.

She argued that it should be published with creative commons, and that the researchers be given IP licences so their work could be in the public domain.

The Commissioners, she says, were "really forward thinking" and agreed with her that the research should be published as a "practical legacy."

"I now see in some of those areas that the next research studies are coming out ... I think the ripple impact of the research agenda will continue."

Any child in any economic status can experience abuse and neglect, says Bromfield.

What tends to be more predictive, she says, is not generally lack of money alone, but rather "those things that coincide with poverty":

"Parents who were abused and neglected themselves, who have their own trauma histories and therefore weren't able to engage in education, are unemployed, and are experiencing substance addiction, mental illness or are escaping domestic violence – these parents are also likely to be experiencing poverty, and it can be a tragic inter-generational cycle."

She says there is a greater awareness in society today regarding extreme abuse and neglect of children, but less so when it comes to issues that are "more on the margins".

"When we get to those greyer areas, such as the sexual exploitation of adolescents, there is still a way to go for our community in understanding what is abuse and neglect and its impact on children."

The Centre is "incredibly aware" of the potential impact on staff of their daily work.

"If it's research that involves high emotional labour, we won't let people work on it full time," she says.

"It doesn't matter what the contract says, or the imperatives about how fast it must be done – we may need additional staff or to renegotiate the contract if our team's wellbeing is a concern.

"We will not immerse people in something that is vicariously traumatising at a rate that is just not processable by the human brain."

Steps are taken to ensure staff members understand the reasons for their work.

"Having a strong sense of purpose is very protective to reduce the impact of vicarious trauma," she says. "But I never say it's not a distressing field to work in. It is – these are children, it should be distressing.

"It is psychologically unhelpful for people in this field to think we have to tough it out. We are trying to encourage

help seeking by families, so we need to model and practice what we preach.”

Story republished with permission courtesy [Campus Morning Mail](#).

RELATED STORIES



INSIDE UNISA

The latest achievements and announcements [more](#)



INSIDE UNISA

From the Vice Chancellor [more](#)

[top^](#)



New musical composition marks milestone for every graduate

[Back to story index](#)

by Michèle Nardelli



COMMUNITY

Deborah Cheetham AO receives her Honorary Doctorate during the graduation ceremony where the music she composed had its debut.

A powerful new musical composition will mark the start of new chapters in the lives of UniSA graduates.

Aboriginal Australian soprano, actor and composer Deborah Cheetham AO was commissioned to write the new music, *Ancient Lands* processional. The music will be played at the start of every UniSA graduation ceremony as part of the academic procession (listen to a sample of the music [here](#)).

"The path that musicians and other artists take in their career is similar to the academic path in terms of the discipline and the amount of research that one does ... but you don't always have the space in your life to sit down and write that doctoral thesis," Cheetham told [The Advertiser](#).

Cheetham, a Yorta Yorta woman, told The Advertiser she's proud of her new composition.

"The University (of South Australia) has campuses on three different countries — Kurna land here in Adelaide, Whyalla which is Barngarla country and also Mount Gambier, which is the land of the Boandik people," she said.

"Right from the very beginning, I wanted to include the language of those three countries ... which reflects the environment."

This month Cheetham received an Honorary Doctorate at the graduation ceremony where her music debuted.

UniSA Vice Chancellor Professor David Lloyd says the stirring piece reflects the University's ongoing

Composer marches to beat of her own drum

PATRICK McDONALD

ABORIGINAL soprano Deborah Cheetham is not usually one to blow her own trumpet but she has composed a fanfare which will debut today when she receives an Honorary Doctorate.

and designer Guy Maron will be made a UniSA Fellow.

About 4000 UniSA graduates will cross the stage at Pridham Hall on Hindley St over the next 10 days - to the tune of Ms Cheetham's music.

The Advertiser, 9 April 2018.

commitment to Aboriginal recognition and its founding remit to advance Aboriginal equity.

“We are delighted to be able to incorporate this wonderful composition, from a truly remarkable and talented Aboriginal woman, in our graduation ceremonies and to recognise Deborah’s enormous contribution to Australian culture,” Prof Lloyd says.

“Deborah has been a pioneer in the Australian arts landscape, has mentored many aspiring artists, and opened up significant pathways for young Aboriginal people and children to build careers in the arts and experience the joy and empowerment of performing.”

Not only an accomplished opera singer, she has also developed and staged landmark musical works including Pecan Summer, the first opera written by an Aboriginal Australian for an Aboriginal cast.

In 2000 Cheetham was commissioned to write and perform an original composition, Dali Mana Gamarada, which she performed as the welcome to country at the Sydney Olympics.

In 2007 she was awarded a prestigious two-year fellowship from the Aboriginal and Torres Strait Islander Board of the Australia Council for the Arts, giving her the time and opportunity to complete Pecan Summer. The opera has had three seasons in Melbourne, Perth and Adelaide.

Cheetham was appointed as an officer of the Order of Australia in 2014 for her distinguished service to the performing arts.

Honorary awards

Cheetham received one of five honorary awards presented at UniSA’s graduation ceremonies in April.

Read about the other recipients in separate [UniSA News story](#).

Tweet

Share

1



RELATED STORIES



COMMUNITY

Pridham Hall opens its heart and its doors to graduates

[more](#)



COMMUNITY

Prominent Australians honoured at UniSA graduations

[more](#)

[top](#)



Prominent Australians honoured at UniSA graduations

[Back to story index](#)

by Michèle Nardelli



COMMUNITY

The academic procession about to walk into the Pridham Hall as part of graduation ceremonies in April.

Five honorary awards have been presented at UniSA's graduation ceremonies in April, recognising exceptional achievement and acknowledging significant contributions to scholarship, professional practice and service to the University and its community.

Aboriginal Australian soprano, actor and composer Deborah Cheetham (see separate [UniSA News story](#)), who wrote the new processional music for UniSA graduation ceremonies, received an Honorary Doctorate.

The other recipients were:

[Guy Maron AM](#)

[Bill Muirhead AM](#)

[Associate Professor Monica Oliphant AO](#)

[Emeritus Professor Rhonda Sharp](#)

Guy Maron AM

Celebrated Australian architect and designer of the original UniSA City West campus, Guy Maron AM, has been made a Fellow of the University of South Australia.

The award acknowledges his significant career contribution to Australian architecture, his innovation and his major role in the foundation of UniSA's City West campus.

UniSA Vice Chancellor Professor David Lloyd says Maron's design for City West, selected in a national competition, was quite revolutionary for its time.

"What is impressive about his work, is his capacity to capture the spirit of the place and space he is working in and deliver buildings that function as they should, whether that be the inspiring Botanic Gardens Bicentennial Conservatory or the egalitarian, energy-efficient teaching spaces that made up the original footprint of City West," Prof Lloyd says.

"Guy's work is ambitious and enterprising, reflecting his character as an architect and, as a leading educator of Australian architects, it is fitting that this University welcomes him as a Fellow."

Maron studied architecture at the University of New South Wales. He was mentored by leading Australian modernist Harry Seidler before moving to North America where he lived and studied for four years.

Moving to Adelaide in 1972, he became a principal in the firm Cheesman, Doley, Neighbour and Raffin.

Maron's career took off in the late 1980s and he completed his most famous building, the Bicentennial Conservatory, in the Adelaide Botanic Gardens in 1989. The building went on to win 10 national as well as international design awards, including the BHP Architecture of the Decade Award.

He also designed the Mount Lofty Lookout in the Adelaide Hills.

Maron is a Life Fellow of the Royal Australian Institute of Architects and a foundation Member of the Australian Academy of Design. In 2000 he was presented with the Order of Australia for his contribution to contemporary architecture.

Bill Muirhead AM

He's been called the 'best-connected expat in London' but during graduations, Agent General for South Australia, Bill Muirhead AM, is being feted on his home soil instead.

The Adelaide-born advertising executive and champion of all things South Australian has been awarded an Honorary Doctorate for his services to the State.

His decade-long commitment to promoting South Australia – drawing on his unique advertising talents and huge network of contacts – has paid handsomely for the State since his appointment as Agent General in 2007.

A founding director of renowned British advertising agency M&C Saatchi, Muirhead has lived in the UK longer than his birth country but his South Australian roots run deep – both sides of his family settled in SA in the 1800s.

He moved to London with his family as a teenager, returning to Australia after finishing school and starting work in advertising before heading back to the UK capital where his career flourished.

A partnership with Maurice and Charles Saatchi proved life-changing, notably when the agency won the Conservative Party account in 1978 and led to Margaret Thatcher's landslide victory a year later.

Muirhead's talent for political advertising also helped the Conservatives win government in 1992 and again in 2015.

In 2011, Muirhead set up the South Australia Club in London as a networking forum to help promote the State's exporters and encourage foreign investment. The club has since expanded to 200 members with new chapters launched in Shanghai and Hong Kong in 2015 and an Adelaide chapter added in 2016.



UniSA Vice Chancellor Professor David Lloyd says Muirhead has made “an enormous contribution” to South Australia in the past decade.

“His valuable connections and promotion of the State as a destination of choice for foreign investment, migration, study and tourism shouldn’t be underestimated. He’s an unparalleled champion for all things South Australian,” Prof Lloyd says.

Associate Professor Monica Oliphant AO

Energy research scientist, Adjunct Associate Professor Monica Oliphant AO, was awarded an Honorary Doctorate from UniSA recognising her career contribution to environmental sustainability and to research and education in renewable energy and energy efficiency.

An adjunct at UniSA, Assoc Prof Oliphant runs her own consultancy, Monica Oliphant Research Scientist specialising in residential [energy efficiency](#) and [renewable energy](#).

She graduated with a master's degree in physics from the [University of London](#) and worked for almost 20 years as an energy research scientist for the [Electricity Trust of South Australia](#) (ETSA).

UniSA Vice Chancellor Professor David Lloyd says Assoc Prof Oliphant’s contribution has been impressive both locally and globally.

“In the 1980s Monica spearheaded research at ETSA into wind power, laying the groundwork for successful wind energy innovation and investment,” Prof Lloyd says.

“In her capacity as President of the International Solar Energy Society from 2008 to 2009 and as a board member today, she continues to spread the news around the world about the highly successful practical and experimental research projects in South Australia that are keenly focused on renewables and sustainable living.”

In Australia Assoc Prof Oliphant has been active on major federal and state government committees including Australia’s Mandatory Renewable Energy Target Review which heralded the first rebates to householders installing solar panels.

She received an AO in the 2015 Queen’s Birthday Honours List and was named Senior South Australian of the Year in 2016, in recognition of her research and education activities in renewable energy.



Emeritus Professor Rhonda Sharp

UniSA has conferred the honorary title of Emeritus Professor on economics researcher Professor Rhonda Sharp in recognition of her distinguished service to the University. Through her various roles at UniSA, including Research Chair and Professor of Economics at UniSA’s Hawke Research Institute, Prof Sharp made a significant contribution to the University’s research quantum and reputation during her career.

She has played an important role in building the reputation of the University through the international impact of her research, and the many invitations she received as a result to consult with and present to international governments and bodies such as the United Nations.

Her co-authored book *Shortchanged: Women and Economic Policies* was one of the earliest contributions to the field of women and Australian economic policies and received several highly favourable reviews for challenging gender blind economic theory and policy. Prof Sharp was a founding member and, in 2000 was elected president of, the [International Association for Feminist Economics](#) – an organisation of approximately 600 members drawn from more than 40 countries. Her research in the fields of gender and government policies and budgets and globalisation and restructuring of work and households has generated an international reputation for leadership within the emerging discipline of feminist economics. In 2007 she was invited as a member of the UN Expert Group and co-author of its report *Financing Gender Equality and Women’s Empowerment*.



RELATED STORIES



COMMUNITY

Pridham Hall opens its heart and its doors to graduates

[more](#)



COMMUNITY

New musical composition marks milestone for every graduate

[more](#)

[top^](#)



New Books

[Back to story index](#)

Clinical Nursing Skills: An Australian Perspective

Written by leading academics, *Clinical nursing skills: an Australian perspective*, is a practical and authoritative resource designed to educate the next generation of nurses and equip them with best-practice skills as they enter the workforce.

Each chapter is written by leading academics and based on the registered nurse standards for practice, with the goal of delivering essential theory as well as relevant practical examples.

UniSA author and contributor, [Professor Nicholas Procter](#), says the book gives students a strong, industry-focused foundation across clinical nursing settings.

"It's so important for students to be able to link knowledge and practice. In *Clinical nursing skills: an Australian perspective*, we've strived to include a broad range of practical examples so as to enhance student learning," Prof Procter says.

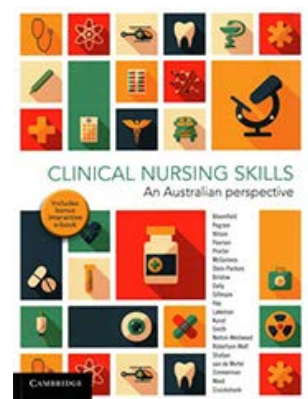
"We've also highlighted key learning objectives, reflective questions, clinical tips, full-colour images, in-situ troubleshooting case studies, skills in practice case studies, keys terms and definitions, and research topics for further study.

"It covers everything from assumed foundational skills such as interpersonal communication, patient assessment and hygiene, to more complex tasks around mental health assessment, paediatric and neonatal skills, and caring for the older person.

"This is an extremely thorough and immersive education resource, and one that we feel will absolutely benefit those studying nursing."

The book also comes with free access to the *VitalSource etext*, an enhanced e-version of the book, which houses homework assignments, tutorial assistance, guided solutions and additional content, which can be easily downloaded to a computer or mobile device.

Clinical Nursing Skills: An Australian Perspective is published by Cambridge University Press and is available [online](#).



RELATED STORIES



From the Vice Chancellor [more](#)



The latest achievements and announcements [more](#)



Highlights from the Media Centre

[Back to story index](#)

The development of a less invasive needle device to test for skin diseases; the results of a nationwide sexual harassment survey; and the launch of a Mozzie Monitor project. Here are some of the top stories from the UniSA [Media Centre](#) for April:

[Australian business must call 'me too' when it comes to sexual harassment training](#)

According to new research, sexual harassment training in Australia is not being resourced well enough to deliver positive change.

As one of the first large-scale, cross-national surveys of sexual harassment training, the study examined the prevalence of sexual harassment training in Australia and the United States.

It assessed the responses of 1004 organisations in Australia and 321 organisations in the United States and found that only 58 per cent of Australian organisations were delivering sexual harassment training, compared with 91 per cent of their American counterparts.



[Citizen Science: trapping mozzies at home to detect disease](#)

UniSA is launching a [Mozzie Monitor project](#), asking people to take on the role of citizen scientists by capturing mosquitoes in a plastic trap each week so experts can identify the breeds and potential diseases they carry.

UniSA Associate Professor in Biology, [Craig Williams](#), says the project is a great opportunity for people – young and old – to help keep South Australia free from viruses such as Dengue, Barmah Forest, Ross River and Zika.

Mozzie Monitors who [donate](#) \$50 towards the project will be equipped with a simple, plastic trap that can be set up in any backyard, school or outdoor area to capture mosquitoes. Each week they will be asked to tip the collected mosquitoes onto a piece of paper, photograph them and email UniSA's experts the image for identification.



[WA Health](#) is contributing significant funding to the project.

[New needle device to revolutionise biopsies and reduce scarring](#)

A new needle device will revolutionise how doctors test patients for rashes and diseases.

The microbiopsy device is a small needle that can take 100 to 200 cells to test for skin cancer and other diseases avoiding the need to take a 2cm to 3cm piece of tissue which sometimes results in scarring.

Research Professor at UniSA's Future Industries Institute, Professor Tarl Prow, led the team that developed the innovative device.



RELATED STORIES



From the Vice Chancellor [more](#)



The latest achievements and announcements [more](#)

[top^](#)

news

April 2018

> from the University of South Australia

IN PICTURES

[Back to story index](#)

[April graduations](#)

Head of the River Regatta

The 2018 Schools' Head of the River Regatta, sponsored by UniSA, was held in March at the Alex Ramsay Regatta Course in West Lakes.

Fifteen South Australian Secondary Schools competed at the regatta.

Walford Anglican School for Girls won the 1st VIII girls and St Peter's College won the 1st VIII boys races – earning each of them the title of Head of the River Champions for 2018.

UniSA recognises the success and importance of the Head of the River Regatta to school communities and the opportunity it provides to students.







April graduations

About 4000 graduates crossed the stage in April as part of the first graduations ceremonies to be held at [Pridham Hall](#). Graduands were robed in the nearby [Kaurna Building](#), with celebrations spilling onto Hindley Street, which is closed to through traffic during this time.







[Tweet](#) [Share](#)

[Disclaimer](#) | [Copyright](#) | [Privacy](#) | [Web accessibility](#) | [CRICOS Provider no 00121B](#) | [Contact UniSA](#)
[Site help](#) | [Open Day](#) | [UniSA Events Calendar](#) | [Read this page](#)
Latest content revision: Tuesday, 17 April 2018



**University of
South Australia**