



University of  
South Australia

# 2023 Annual Review





Hon Susan Close MP  
Deputy Premier  
Minister for Industry, Innovation and Science  
Level 13, 200 Victoria Square  
Adelaide SA 5000  
30 June 2024

Dear Minister,

In accordance with the requirements of regulations under Part 4, Section 18 – Annual Report of the *University of South Australia Act 1990*, it gives me great pleasure to submit for your information and presentation to Parliament the University of South Australia 2023 Annual Review and Financial Statements, for the year ending 31 December 2023.

The University Council approved the Annual Review and the Financial Statements at its meeting on 2 May 2024.

Yours sincerely,



Ms Pauline Carr  
Chancellor

### Your feedback

We welcome any comments or suggestions on the content or layout of this report. Please contact the Senior Writer on:

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### Further information

This report, as well as past annual reports, are available on our website [unisa.edu.au/publications](http://unisa.edu.au/publications)

For hard copies of this report write to:  
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University of South Australia  
GPO Box 2471, Adelaide South Australia 5001



### Acknowledgement of Country

UniSA respects the Kaurna, Boandik and Barngarla peoples' spiritual relationship with their country.

Artist: Ngupulya Pumani

Find out more about the University's commitment to reconciliation at [unisa.edu.au/RAP](http://unisa.edu.au/RAP)







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# Chancellor's report



In 2023, UniSA achieved a great deal to be proud of and, obviously, it is hard to look beyond the incredible work many people across our institution put in to explore the merits of creating a new university for the future in South Australia.

After an intensive assessment process, in June, our University Council unanimously endorsed the creation of a new Adelaide University, and I thank them all for their leadership, advice and outstanding governance throughout that process. The Council of the University of Adelaide similarly endorsed the creation of a new university, and I also thank them for their professional and expert handling of the process.

In November, the legislation for the new institution passed parliament, with the new *Adelaide University Act 2023* based very closely on UniSA's Act. As UniSA has done for 33 years, the new institution will be committed to delivering excellence in teaching and research, while also promoting and supporting diversity, equity and access across all its activities.

Establishing the Adelaide University Act was a very significant achievement, and marks the beginning of a busy, but extremely exciting period of development over the next two years. I am honoured to have been appointed Chancellor of the Transition Council for the new university, and look forward to working with colleagues new and old to realise this once-in-a-generation opportunity.

However, as Chancellor of UniSA, the thing I was most proud of in 2023 is that we not only laid the groundwork for the transformation of our state's higher education sector, but we also enjoyed an incredibly successful year for UniSA alongside that project.

Among the many milestones of 2023, we opened the doors of our new Enterprise Hub building, which

was bestowed the Kaurna name, *Yangadlitya Kumangka*, meaning "for the future, together". That name perfectly sums up UniSA's approach to research and learning, and it is fitting that a key event hosted at the Hub in 2023 was the launch of our new *Stretch Reconciliation Action Plan 2023–2025* (RAP). Our latest RAP includes a commitment to establish a new Aboriginal Knowledges Centre at UniSA, a project that is one of many to look forward to in 2024.

In 2023, UniSA also saw very strong outcomes in key rankings, including climbing in both the QS and THE global rankings, and debuting at number 11 nationally in the inaugural Australian Financial Review Australian University Rankings.

These results reflect the commitment, passion, and professionalism of UniSA's staff. While it is often easy to pull out highlights in any given year, long-term results such as these stem from the quality of day-to-day activities, and once again, UniSA's wonderful team has delivered as a community – innovating together, supporting each other through the difficult moments, sharing and celebrating each other's successes.

As we look to 2024, there is much to be excited about. We have embarked on an amazing journey, and I have great confidence that the diverse team working on the project, including our new colleagues at the University of Adelaide, will deliver something extraordinary for the people of South Australia – and an exemplar for higher education in this nation.

A handwritten signature in blue ink, which appears to read 'Pauline Carr'. The signature is stylized and fluid.

Ms Pauline Carr  
**Chancellor**



# Vice Chancellor's report



This year, 2023, was a remarkable year for UniSA, as we simultaneously continued the day-to-day running of one of the world's top young universities and explored the creation of a new university for South Australia, in partnership with the University of Adelaide and the State Government.

Following the signing of a *Statement of Cooperation* in December 2022, assessing the feasibility of creating a *university for the future* was a major focus throughout 2023. Fourteen independent workstreams were set up to determine whether UniSA and UoA could achieve more for the community by working together than they could by continuing to work separately.

By March, UniSA and UoA had released a joint vision statement, and by June we presented a business case to the respective councils of the two universities. Both councils approved the creation of a new university in South Australia, and after an extensive investigation in September, the parliament of South Australia passed the *Adelaide University Act* in November, paving the way for an exciting new chapter for higher education in this state.

Now we have the opportunity to create something unprecedented and world-leading. A for-purpose Australian university for the future. An institution that provides access to education for non-traditional entrants and under-represented participants; weaves First Nations Knowledges into its curriculum and research; shapes innovation in partnership with end-users; and delivers flexible, high-quality education that provides an unrivalled student experience.

Those ambitions match closely with the direction laid out in the Federal Government's Universities Accord, and that gives me great confidence in the goals and aims of the new Adelaide University. More than that, however, those ambitions are a continuation of what UniSA has always done – a reaffirmation of the commitment we made to our community over three decades ago.

Since forming in 1991, UniSA has become one of the best young universities in the world, which is proof of the value of those commitments. Reflecting that, in 2023, we became Australia's number-one university for graduate employability, building on 16 years-running as South Australia's number-one university for graduate careers. We also moved into the top 100 universities globally for industry engagement, and once again ranked among the world's top 25 universities for social equity.

Anchoring those national and international accolades, in 2023, UniSA continued to forge important new partnerships with our local community. In Adelaide, those projects include a new \$40 million health hub in the city's northern suburbs and a state-of-the-art sports science precinct in Mile End, while in Mount Gambier, we are leading the establishment of a new forestry research centre.

We also continued to deliver innovative new offerings in our curriculum in 2023, including a world-first Global Executive MBA tailored to the space and defence industries, 13 new digital-only courses through UniSA Online, and commencement of face-to-face delivery for our Bachelor of Midwifery at Whyalla to support the community's growing need for local midwives.

As we begin, in earnest, the task of building a new university in 2024, those commitments to community, innovation and engagement that have always been central to UniSA will become integral parts of our new institution. In 2023 we once again saw UniSA prove that excellence, equity and enterprise can co-exist. We look forward to carrying that into an exciting new future for South Australia.

A handwritten signature in blue ink, reading 'David Lloyd'.

Professor David Lloyd  
**Vice Chancellor and President**



# 2023 at a glance



34,878

## STUDENTS

**7244** low SES domestic

**5975** aged 21 and under  
(commencing undergraduate)

**3654** mature-aged learners  
(commencing undergraduate)



7

## ACADEMIC UNITS

UniSA Allied Health & Human Performance

UniSA Business

UniSA Clinical & Health Sciences

UniSA Creative

UniSA Education Futures

UniSA Justice & Society

UniSA STEM



6

## CAMPUSES

City East

City West

Magill

Mawson Lakes

Mount Gambier

Whyalla



6483

## INTERNATIONAL STUDENTS



6374

## INTERNATIONAL STUDENTS ONSHORE



81

## STUDENT EXCHANGE PARTNER INSTITUTIONS



2942\*

## STAFF POPULATION

\*Actual headcount



247,886

## UNIVERSITY ALUMNI



7161

## PARCHMENTS AWARDED



# Key statistics

	2016	2017	2018	2019	2020	2021	2022	2023
<b>NUMBER OF STUDENTS</b>								
<b>Total</b>	<b>31,930</b>	<b>31,966</b>	<b>33,813</b>	<b>35,330</b>	<b>37,941</b>	<b>37,873</b>	<b>36,375</b>	<b>34,878</b>
Commencing	12,129	12,484	14,073	14,370	15,590	14,407	13,875	13,349
<b>STUDENT LOAD (EFTSL)*</b>								
<b>Total</b>	<b>22,268</b>	<b>22,142</b>	<b>22,976</b>	<b>24,406</b>	<b>25,768</b>	<b>24,850</b>	<b>23,211</b>	<b>22,511</b>
Undergraduate	18,616	18,557	19,157	20,158	21,340	21,229	19,678	18,307
Postgraduate	3,652	3,585	3,819	4,248	4,428	3,620	3,533	4,204
<b>STUDENT LOAD BY FUNDING SOURCE (EFTSL)</b>								
Commonwealth Grant Scheme	17,017	17,119	17,607	18,333	19,502	19,933	18,184	16,851
Commonwealth Research Training Scheme	492	500	464	475	482	466	456	438
Domestic fee paying	468	437	422	394	451	410	442	477
International onshore	3,963	3,933	4,312	5,021	5,134	3,880	4,034	4,678
Transnational	321	148	164	177	194	157	95	64
<b>AWARD COMPLETIONS</b>								
<b>Total</b>	<b>7,339</b>	<b>7,378</b>	<b>7,180</b>	<b>6,986</b>	<b>7,336</b>	<b>7,537</b>	<b>7,351</b>	<b>7,161</b>
Undergraduate	4,990	5,208	4,973	4,754	5,008	5,149	5,386	4,984
Postgraduate	2,349	2,170	2,207	2,232	2,328	2,388	1,973	2,177
<b>STAFF (FTE)</b>								
<b>Total</b>	<b>2,492</b>	<b>2,595</b>	<b>2,642</b>	<b>2,675</b>	<b>2,740</b>	<b>2,598</b>	<b>2,650</b>	<b>2,723</b>
Academic	1,061	1,122	1,131	1,143	1,161	1,174	1,186	1,203
Professional	1,431	1,473	1,511	1,532	1,579	1,424	1,464	1,520
<b>FINANCIALS</b>								
Consolidated operating result (\$M)	40.5	13.2	19.5	21.3	21.3	53.3	-7.7	-17.1
Safety margin	6.6%	2.2%	3.0%	3.1%	3.1%	7.8%	-1.2%	-2.4%
Net assets (\$M)	1,174.0	1,188.8	1,209.2	1,250.2	1,282.9	1,382.7	1,477.2	1,461.8
Total assets (\$M)	1,770.0	1,786.7	1,796.4	1,906.0	1,924.5	1,971.0	2,016.7	2,054.3
Total revenue (\$M)	609.3	610.8	658.5	685.7	696.4	678.8	667.5	715.5

## Notes:

\*Student load by funding source.

Load is expressed as Equivalent Full Time Student Load (EFTSL).

Staff figures are full-time equivalent positions of full-time and part-time continuing and fixed term staff as at 31 March 2023.

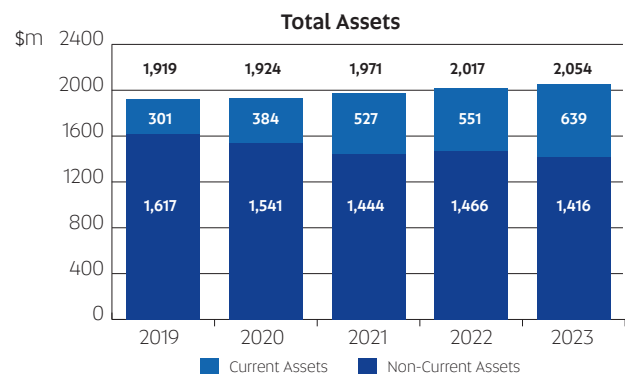
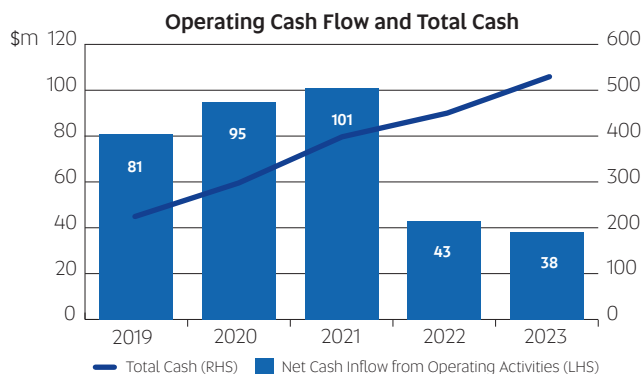
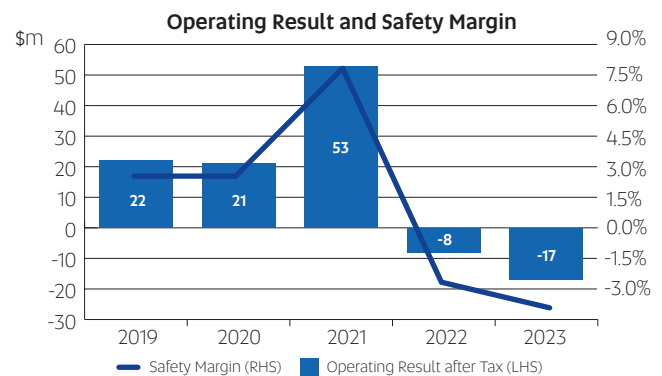
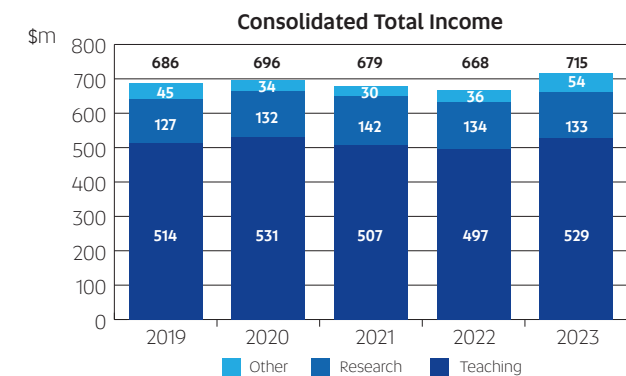
2023 student data as at 3 April 2024.



# Financial overview

	CONSOLIDATED		UNIVERSITY	
	2023	2022	2023	2022
	\$M	\$M	\$M	\$M
<b>SUMMARY STATEMENT OF COMPREHENSIVE INCOME</b>				
<b>Operating Income</b>	<b>715.5</b>	<b>667.5</b>	<b>713.8</b>	<b>667.4</b>
Employee Related Expenses	461.6	429.3	460.3	428.2
Non-salary Expenses	271.0	245.9	270.4	246.6
<b>Operating Expenses (incl. Income Tax)</b>	<b>732.6</b>	<b>675.2</b>	<b>730.7</b>	<b>674.8</b>
<b>Operating Result after Income Tax</b>	<b>(17.1)</b>	<b>(7.7)</b>	<b>(16.9)</b>	<b>(7.4)</b>
Safety Margin <sup>1</sup>	(2.4%)	(1.2%)	(2.4%)	(1.1%)
<b>SUMMARY STATEMENT OF FINANCIAL POSITION</b>				
Current Assets	638.7	550.7	637.4	548.9
Non-current Assets	1,415.6	1,466.0	1,416.7	1,467.7
<b>Total Assets</b>	<b>2,054.3</b>	<b>2,016.7</b>	<b>2,054.1</b>	<b>2,016.6</b>
Current Liabilities	268.5	245.8	268.3	245.7
Non-current Liabilities	324.0	293.7	324.0	293.7
<b>Total Liabilities</b>	<b>592.5</b>	<b>539.5</b>	<b>592.3</b>	<b>539.4</b>
<b>Net Assets</b>	<b>1,461.8</b>	<b>1,477.2</b>	<b>1,461.8</b>	<b>1,477.2</b>
<b>SUMMARY STATEMENT OF CASH FLOWS</b>				
Net Cash Flows from Operating Activities	38.3	43.2	38.7	44.7
Net Cash Flows from Investing Activities	39.2	16.1	39.3	16.3

<sup>1</sup> Safety Margin: Operating Result after Income Tax ÷ Operating Income



# Financial summary

In 2023 UniSA reported an operating deficit of \$17.1 million equating to -2.4% of Operating Income (2022: -1.2%). While the University experienced a return of international students, total enrolments remained below pre-pandemic levels. The strength of the Australian economy and historically low unemployment rate contributed to a decline in domestic load.

In 2023 following a detailed feasibility assessment, the Councils of both the University of South Australia and The University of Adelaide resolved to enter into a Heads of Agreement with the South Australian Government to support the creation of a new university, *Adelaide University*.

Consolidated Operating Income increased by \$48.0 million to \$715.5 million (2022: \$667.5 million). Teaching Income increased by \$31.9 million or 6% mostly due to a return of international students (2023: 4,653 EFTSL; 2022: 3,988 EFTSL). This was partly offset by a reduction in Commonwealth Supported Places (CSP). Domestic enrolments at both undergraduate and postgraduate level have declined in 2023, due in part to Australia's strong economic conditions.

The post-pandemic return of international students continued into 2023 and the University's Fee-Paying Overseas Students (FPOS) Revenue increased by 25% to \$140.7 million in 2023 (2022: \$112.6 million).

Research Income decreased by \$1.5 million or 1.1% due to timing delays in project activity with the activity now expected to occur in 2024.

Operating expenditure increased 8.5% in 2023 reflecting an increase in staff costs, post-pandemic return to activity in the University and includes feasibility, due diligence, transition and integration costs of \$12.5 million related to the creation of *Adelaide University*.

The consolidated financial position remains strong, with Net Assets decreasing by \$15.4 million or 1.0% to \$1.5 billion mainly due to the Operating Result for 2023. Total Cash increased \$74.4 million to \$526.6 million at 31 December 2023 (2022: \$452.2 million) which included proceeds from the sale of the Magill Campus in December 2023 (\$71.0 million, inclusive of GST).





## 2023 in short

### Australia's number one university for graduate employability

In 2023, employers ranked UniSA graduates number one in Australia for employability, up from number two in 2022, and building on 16 years running as South Australia's number one university for graduate careers.

The 2022 QILT Employer Satisfaction Survey (ESS) measures employers' views on the attributes of recent graduates from Australian higher education institutions. UniSA scored the highest rating when asked about the employability of graduates, with a 91% satisfaction rate in the 2022 Employer Satisfaction Survey, released in April 2023.

The year also saw UniSA increase 37 places in the QS World University Rankings with improved scores in both Academic and Employer Reputation indicators, and increase 29 places in the Times Higher Education's World University Rankings, including moving into the world's top 100 universities for the Industry metric.

### New Stretch Reconciliation Action Plan

The creation of an Aboriginal Knowledges Centre is at the heart of UniSA's third Reconciliation Action Plan (RAP), which was launched in September 2023. The RAP, a second 'Stretch' RAP for UniSA, includes a deeper focus on two-way engagement with Aboriginal communities and actions to foster Aboriginal participation in education.

The Aboriginal Knowledges Centre masterplan is expected to be complete by early 2024, with construction of the outdoor courtyard, including a yarning circle, anticipated in late 2024 with planning for the internal works to continue through 2025 to 2026 (subject to approval).

Yarning circles will also be established at UniSA's Whyalla and Mawson Lakes campuses in 2024, which follow the launch of the University's first yarning circle (Nyina Ba Kalawa) at Mount Gambier in 2023.

### International university consortium to support AUKUS

In 2023, the University of South Australia joined the University of Adelaide and five leading universities in the United Kingdom and United States to support the AUKUS alliance.

World-class defence experts from seven universities in the US, UK and Australia have formed the Digital Disruption in Defence Research Consortium, which will analyse and assess cutting-edge data in partnership with government and industry, and coordinate research to better understand the implications of digital disruption for defence.

In a related initiative, UniSA partnered with the University of Exeter (UK) and Carnegie Mellon University (USA) to launch the Global Executive MBA in Defence and Space in 2023, the first program of its kind in Australia tailored to the two sectors.

The MBA addresses critical skills gaps in cyber security, space systems, geopolitics and defence procurement and builds innovative leadership capabilities required across the sectors.



## WHAT THE RATINGS AGENCIES SAY ABOUT UnISA



### ONE OF THE WORLD'S TOP YOUNG UNIVERSITIES

Ranked #52, 2023 THE Young University Rankings.



### #11 IN AUSTRALIA

Australian Financial Review  
Best Universities Ranking 2023.



### OVERALL FIVE STAR PLUS RATING FOR EXCELLENCE

2023 QS Stars Ratings.



### #1 IN AUSTRALIA FOR GRADUATE EMPLOYABILITY

QILT Employer Satisfaction Survey, 2020–22  
– Employability Skills Indicator. Public universities.



### #1 IN SA FOR GRADUATE CAREERS 16 YEARS RUNNING

Graduate Destinations Survey 2007–2015 and  
Graduate Outcomes Survey 2016–2022  
(Domestic Undergraduate Full-time Employment  
Indicator for SA public universities).



### TOP 5 IN AUSTRALIA FOR QUALITY EDUCATION

Ranked #3, 2023 THE University Impact Rankings.



### #1 IN SA FOR EQUALITY

2024 QS Sustainability Rankings.



### #1 IN SA FOR SOCIAL IMPACT ON HEALTH AND WELLBEING

2024 QS Sustainability Rankings.



### #1 YOUNG UNIVERSITY IN AUSTRALIA FOR INDUSTRY COLLABORATIONS

2023 THE Young University Rankings  
– Industry Income Indicator.



### TOP 5 YOUNG UNIVERSITY IN AUSTRALIA FOR RESEARCH QUALITY

Ranked #4, 2023 THE Young University Rankings.





## Adelaide University: A new university for the future

In July 2023, following careful consideration of a feasibility assessment based on 14 interdependent workstreams, the Councils of the University of South Australia and the University of Adelaide resolved to enter into a Heads of Agreement to support the State Government in the creation of a new university in South Australia.

Throughout September and October, a Parliamentary Joint Committee further explored the merits of a new university and released a report in support, with key recommendations. Draft legislation was introduced to State Parliament, and November saw the passage of legislation to establish a new

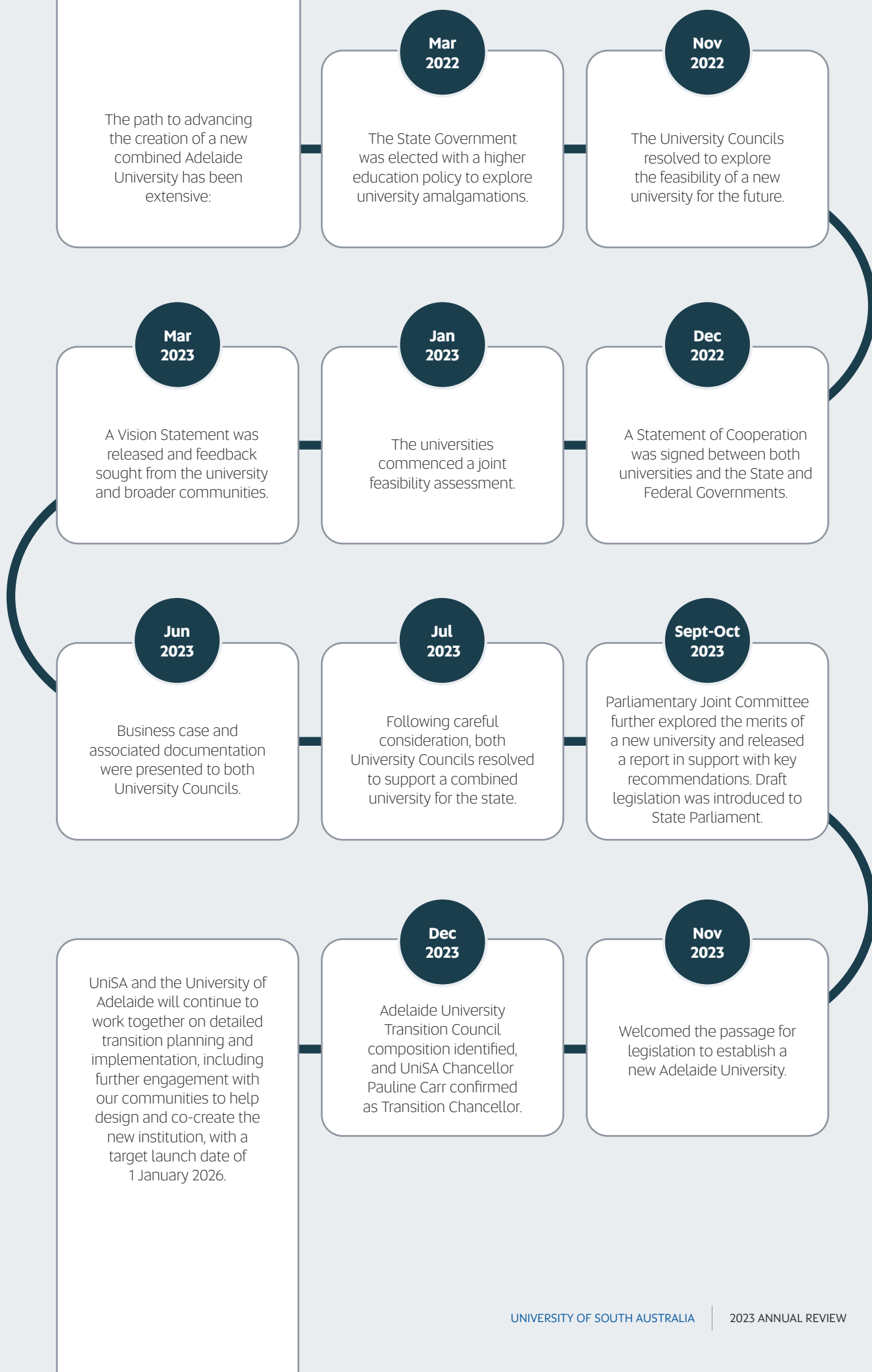
Adelaide University. In December, the composition of the Transition Council was determined, before it was officially established under the *Adelaide University Act 2023* on 8 March.

To be known as Adelaide University, the new institution will drive the innovation and scale needed to make transformational investments for South Australia and beyond. Supported by the State Government, the University of South Australia and the University of Adelaide are working together to build a future-focused university that combines the strengths of both institutions to deliver nation-leading curriculum and student experience, greater access to

education, and world-class research excellence.

While responding to State Government policy, a new Adelaide University presents an opportunity to advance the ambitions of both existing universities for tertiary education and innovation further and faster than what can be achieved today.

Together, UniSA and the University of Adelaide will shape a contemporary university that is connected to priority industries and produces graduates who are highly sought after around the world. This will be a new university of global standing, sustainably ranked in the top 1% worldwide.





# Programs



## The first step towards a successful career

As the University for South Australians, and Australia's University of Enterprise, we developed a strategic plan that brings together the best of our education and research to shape business and community prosperity in South Australia and beyond.

Across our seven Academic Units – UniSA Allied Health & Human Performance; UniSA Business; UniSA Clinical & Health Sciences; UniSA Creative; UniSA Education Futures; UniSA Justice & Society; and UniSA STEM – our programs are informed by research and our industry partners to ensure that our graduates are prepared for careers of the future.









## TOP 5 IN AUSTRALIA FOR GRADUATE CAREERS IN HEALTH

*Ranked #3, ComparED (QILT)  
Graduate Outcomes Survey  
2020-22, Rehabilitation – Overall  
Employment Indicator (Domestic  
Undergraduate). Public universities.*

### New prostate cancer biomarkers provide hope to millions of men

UniSA researchers have identified three new biomarkers for prostate cancer to help identify and differentiate potentially aggressive cases of the disease, which kills 300,000 men each year.

An international team of scientists led by UniSA Professor of Molecular Medicine Doug Brooks (pictured) made the breakthrough, which will assist clinicians in determining which patients require immediate, radical treatment compared to those who need close monitoring.

The UniSA-based team collaborated with the Australian company Envision

Sciences on the technology to improve patient management and treatment outcomes.

“It is anticipated this will lead to long-term improvements in the way prostate cancer is diagnosed and graded,” Prof Brooks says. “The biomarkers are remarkably sensitive and specific in accurately visualising the progress of the cancer and confirming its grade. This discovery has led to the commercial development of a test designed to determine how advanced and aggressive the cancer is and whether immediate treatment is needed.”

## AI helps ID cancer risk factors

A novel study from UniSA has identified a range of metabolic biomarkers that could help predict the risk of cancer. Deploying machine learning to examine data from 459,169 participants in the UK Biobank, the study identified 84 features that could signal increased cancer risk.

Several markers also signalled chronic kidney or liver disease, highlighting the significance of exploring the underlying pathogenic mechanisms of these diseases for their potential connections with cancer.

The study was conducted by UniSA researchers Dr Iqbal Madakkattel, Dr Amanda Lumsden, Dr Anwar Mulugeta, and Professor Elina Hyppönen, with University of Adelaide's Professor Ian Olver.



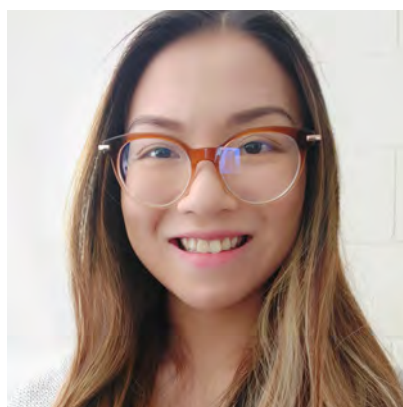
Research by UniSA nursing lecturer has linked COVID-19 to hearing loss.

## Warning on hearing loss for COVID-19 patients

A UniSA nursing lecturer has used her own COVID-19 experience to inform research into a little-known side effect of the virus – sudden deafness. Kim Gibson documented her experience with sudden sensorineural hearing loss (SSNHL) five weeks after testing positive to COVID-19, and her findings and recommendations were published in British Medical Journal Case Reports.

Sensorineural hearing loss, is a little known and poorly understood side effect of COVID-19 that is not listed as a common symptom on most websites, or by GPs.

"We believe that clinicians should include sudden hearing loss as a potential side effect of COVID-19 when talking to patients," Gibson says. "High-dose corticosteroids are a recommended first line of treatment for SSNHL and it is important that GPs promptly refer patients to specialists as soon as symptoms develop."



Research by UniSA PhD student Kitty Pham indicates new long-term side effects of some cholesterol medication.

## Cholesterol study reveals effects on lung function and brain size

One of the world's largest studies on the impact of cholesterol-lowering medication has highlighted an issue with a new class of drugs that could impair lung function in some patients.

The UniSA study was the first in the world to compare cholesterol-lowering medications (LDL-C drugs) to a range of clinical and heart and brain MRI biomarkers. Genetic data from 340,000 UK Biobank participants was analysed to explore the risks and benefits of LDL-C drugs.

It suggested lipid lowering medications that clear cholesterol from the cells – known as PCSK9 inhibitors – could impair lung function and further studies are needed on their long-term side effects, researchers say.

UniSA PhD student Kitty Pham, lead author of the paper, says the findings highlight the importance of delving deeper to understand potential long-term effects of different medications.

"Our study reveals associations with lung function and brain size, which may influence how these drugs are

prescribed or repurposed in the future," Pham says. "These findings help us to understand how people may react to different drugs and assess the viability of new drug pathways."

## Sea cucumbers may deter diabetes

Exploring the medicinal properties of sea cucumbers (*Holothuria scabra*), UniSA researchers found that processed dried sea cucumber with salt extracts can inhibit a compound that is associated with increased risk of diabetes, thereby reducing the likelihood of the disease.

To date, there is no commercially available therapeutic agent to inhibit the formation of this compound, called Advanced Glycation End product (AGE). Lead researcher, UniSA's Dr Permal Deo, says understanding how the bioactive compounds in sea cucumbers can inhibit AGEs could protect against these diseases.

"We found that processed dried sea cucumber with salt extracts and collagen can significantly inhibit AGEs by lowering a range of sugar-related metabolites in the body and reducing the risk of diabetes."

## Tiny nanocarriers could prove the magic bullet for acne sufferers

UniSA researchers may have found an effective treatment for acne, delivered via tiny nanoparticles. In the study, a new antibacterial compound known as Narasin was encased in tiny, soft nanoparticles 1000 times smaller than a single strand of human hair and applied in a gel form to targeted acne sites.

The drug – more commonly used in the livestock industry – proved successful against drug-resistant acne bacteria. When delivered via nanocarriers, it achieved a 100-fold increase in absorption compared to being taken with water.

Lead author, UniSA PhD student Fatima Abid, says "this is the first time that nano-micelle formulations of Narasin have been developed and trialled".





## WORLD TOP 100 FOR EXERCISE AND SPORT SCIENCE

2023 QS Subject Rankings,  
Sport-Related Subjects.

### Exercise more effective than medicines in managing mental health

UniSA research indicates physical activity is 1.5 times more effective for managing depression than counselling or the leading medications.

Published in the *British Journal of Sports Medicine*, the review is the most comprehensive to date, and shows physical activity is extremely beneficial for improving symptoms of depression, anxiety, and distress.

Interventions that were 12 weeks or shorter were the most effective at reducing mental health symptoms, highlighting the speed at which physical activity can make a change. The largest benefits were seen among people with depression, pregnant and postpartum women, healthy

individuals, and people diagnosed with HIV or kidney disease.

Lead UniSA researcher, Dr Ben Singh (pictured), says physical activity must be prioritised to better manage the growing cases of mental health conditions.

"Physical activity is known to help improve mental health. Yet despite the evidence, it has not been widely adopted as a first-choice treatment," Dr Singh says. "Our review shows that physical activity interventions can significantly reduce symptoms of depression and anxiety in all clinical populations, with some groups showing even greater signs of improvement."





A team led by UniSA Aboriginal allied health and nutrition expert, Michael Watkins, will establish a bush foods garden in collaboration with members of the Aboriginal community in Whyalla.

## Aboriginal bush foods garden: Growing culture

A bush foods garden cultivated in the heart of Barngala Country is hoping to grow cultural connectedness among young Aboriginal people in a move to positively affect their health and life trajectories.

In collaboration with members of the Aboriginal community in Whyalla, UniSA researchers have been invited to co-design, deliver, and evaluate the education and connection program, which has been awarded a \$500,000 Indigenous Health Research Grant.

Chief Investigator and UniSA Aboriginal allied health and nutrition expert, Michael Watkins, says cultural connectedness is a protective factor for Aboriginal children and young teenagers.

"The bush foods garden uses food-based activities to encourage cultural exchanges, nurture traditional knowledge of bush foods, cooking and medicines, and revitalise Aboriginal culture and cultural practices," Watkins says.

"By supporting Aboriginal young people to learn more about traditional practices, we hope to extend their life trajectory by building cultural identity, wellbeing and resilience, and strengthen their sense of empowerment, connectedness, and engagement with learning."

## Exercise intervention to ease rheumatoid arthritis pain

In a new trial, UniSA researchers are working with Arthritis SA to explore the potential of Blood Flow Restriction (BFR) training to improve the strength and mobility of people with rheumatoid arthritis.

BFR training is an exercise technique where people wear pressurised bands – much like blood pressure cuffs – to slow blood flow to muscles while they train. UniSA's Dr Hunter Bennett says the research hopes to identify interventions that could improve the quality of life for people with rheumatoid arthritis.

"BRF is used across many sporting and rehabilitation settings in Australia and is considered a safe and effective method for improving strength and function across many clinical populations, including people with osteoarthritis," Dr Bennett says.



Research led by Dr Karen Murphy indicates a Mediterranean diet with added dairy has the potential to improve gut health.

## Mediterranean diet to improve gut health

A collaboration between SAHMRI, UniSA and Flinders University researchers has shown the classic Mediterranean diet with added dairy has the potential to change the composition of gut bacteria for the better, triggering a variety of health benefits.

Funded by Dairy Australia and published in *Nutrients*, the study assessed how the classic Mediterranean diet, supplemented with milk, cheese and yogurt, can affect gut microbiome.

Adult trial participants at risk of heart disease who followed the diet for an eight-week period showed a sizeable increase in beneficial microbes associated with positive effects on overall gut health, alongside a simultaneous decrease in bad bacteria linked to heart disease risk.

Lead researcher, UniSA's Dr Karen Murphy, says "gut microbiota plays an important role in multiple aspects of health."

## UniSA health students ahead when it comes to autism

UniSA's allied health students will be the first in Australia to learn how to implement the National Guideline for the Assessment and Diagnosis of Autism Spectrum Disorders, as the University became the first hosting partner of Autism CRC's tailored undergraduate eLearning lecture and activity.

Developed by Autism CRC, the specialised training package will ensure that undergraduate students studying speech pathology, psychology, and occupational therapy, clearly understand the key elements of the assessment and diagnosis of the autism pathway, as outlined in the National Guideline.

UniSA's Kady Moraby says the teaching package will ensure UniSA graduates immediately have the skills they need when they enter the workforce.

"Delivering quality allied health education is not only about imparting knowledge, but also about shaping compassionate and skilled healthcare professionals," Moraby says.

## Aussie golfers must cover up to protect from skin cancer

New research from UniSA shows golfers have a higher risk of skin cancer compared to the general population.

Conducted with global partners including the University of Oxford and University College London, the study shows that one in four golfers had received a skin cancer diagnosis, indicating 2.4 times greater risk of the disease.

The study is the first to explore the prevalence of skin cancers among an Australian golfing population, and lead researcher, Dr Brad Stenner, says the findings highlight the importance of being sun smart on the green.

"So, while sun smart campaigns do exist and are promoted in Australia (especially in summer), it seems they may be missing the mark when it comes to golfers."



## UniSA BUSINESS IS IN THE TOP 1% WORLDWIDE AND AWARDED FIVE STARS

*UniSA Business is one of just 12 institutions in Australia and approximately 200 globally (from over 25,000 universities) to be EQUIS accredited. EFMD, March 2022. 2023 QS Stars Business School Ratings.*

### UniSA Business Dean of Programs (Postgraduate) and MBA Director appointed

Professor Lan Snell was appointed as the UniSA Business Dean of Programs (Postgraduate) and MBA Director in 2023. Prof Snell has more than 20 years' leadership experience across academia and industry and is widely regarded as a leader in creating innovative and internationally successful learning models.

Prof Snell has held several senior roles including the Head of School and Dean at the University of Southern Queensland (UniSQ) School of Business, Academic Program Director for Macquarie Business School and MBA Director at the University of Technology Sydney (UTS). She has a consistent track record of success in enhancing reputation and renown across these institutions.

At UniSQ, Prof Snell delivered significant curriculum reform with the revitalisation of flagship undergraduate and postgraduate programs to address professional accreditations requirements, industry demand for enterprise skills, and labour market needs.

Prof Snell led the development of a ground-breaking model for Macquarie Business School, delivering unprecedented growth and rankings. Under Prof Snell's leadership, the Global MBA attracted more than 400 students from 38 countries and ranked number one in Australia and number six globally for online MBAs (*CEO Magazine*); and number two in Australia and top 20 in the world in the QS World University Rankings 2021 for online MBAs.





The first cohort of students to study UniSA's Global Executive MBA in Defence and Space.

### Trailblazing MBA program to bolster skills and knowledge for AUKUS

UniSA partnered with the University of Exeter (UK) and Carnegie Mellon University (USA) to launch the Global Executive MBA in Defence and Space in 2023, the first program of its kind in Australia tailored to the two sectors.

Students include executives and senior managers from defence contractors and subject matter experts, senior members of the Australian Defence Force and allied countries, and civil servants. The MBA addresses critical skills gaps in cyber security, space systems, geopolitics and defence procurement and builds innovative and leadership capabilities required across the sectors.

Dean of Programs (Postgraduate), UniSA Business, Professor Lan Snell, says UniSA entered into an Education Partnership Agreement with the two international universities reflecting the AUKUS arrangement.

"The AUKUS announcement presents significant opportunities for those directly in the sector and those servicing the sector," Prof Snell says. "The complexities associated with the multi-decade projects require a range of skills and capabilities, ranging from technical skills through to project management and leadership capabilities."

"The tri-lateral arrangement means working with different cultures, agencies, organisations, and teams. This requires technical understanding as well as future-focused capabilities such as communication, teamwork and problem solving."

### UniSA Business school jumps 25 places to be ranked sixth in Australia

UniSA has catapulted to equal sixth in the country in the Australian Financial Review's (AFR) Best Business School's ranking for 2023, up from 31 in 2022. The outlet noted that UniSA was propelled by a 33-place hike in the quality category, a rise of 10 places for career outcomes and holding 13th place for reputation.

Professor Lin Crase, who was acting Executive Dean at the time of the announcement, told the AFR that UniSA Business was focused on emerging areas such as defence and space, and that students were being prepared to become strategists and disruptors of the future.

"UniSA Business has a focus on the career readiness of our graduates. That's why we have been ranked number one in South Australia for graduate careers 16 years running."

### Tech platform to improve diversity, equity and inclusion measurement

UniSA's Centre for Workplace Excellence (CWeX) has partnered with Australian fintech, Financy, to develop Impacter – a new tech solution that helps organisations manage and prioritise performance on diversity, equity and inclusion (DEI).

Financy's partnership with UniSA's CWeX has been critical to the development of robust questions and scoring algorithms for Impacter, used to inform national and global insights on best practice towards achieving an equality-effective company.

UniSA Research Professor in Human Resource Management, Professor Carol Kulik, says "CWeX research has identified management practices associated with greater gender equality, but change takes time."

"The Impacter tool reflects Financy and CWeX's shared commitment to gender equality – finally, organisations will be able to benchmark their progress toward gender equality and create a practical plan to accelerate change," Prof Kulik says.



UniSA research project Connect2Abilities is exploring ways to better support dancers with disability in Australia and Korea.

### Performers with and without disability take centre stage in Korea

Korean and South Australian performers with and without disability gathered in Seoul for an international celebration of the transformative power of the arts as part of a research project led by UniSA arts management experts.

Dance theatre work Counterpoise featured nine artists from Adelaide-based Restless Dance Theatre and the Korean contemporary 29Dong Dance Theatre, sponsored by the Ministry of Culture, Sports and Tourism of Korea and the Korean Foundation for International Cultural Exchange.

Counterpoise is also being made into a dance documentary series, *Dancing Against the Odds*, as part of UniSA project Connect2Abilities, produced by arts management experts Professor Ruth Rentschler and Dr Boram Lee.

"We developed this project as a way to connect people across international borders to help ensure those artists who are working to foster an inclusive society through diversity in the arts didn't feel lost or alone," says Dr Boram Lee.

Danae Lowe and Jackie Fox both studied with Rising Sun Pictures as part of their UniSA degree, and went on to work there.



## WORLD TOP 20 VISUAL EFFECTS SCHOOL

Ranked #17 in  
The Rookies Awards 2023.

### Rising Sun Pictures training partnership expands

In 2023 UniSA and Rising Sun Pictures (RSP), announced the expansion of their highly regarded partnered visual effects qualifications.

UniSA will offer a new, standalone Bachelor of Visual Effects degree at UniSA's campus and onsite at RSP's Adelaide facility from 2024. New Graduate Certificate programs in 3D Animation and Creature Effects will also be taught at RSP's Adelaide studio, delivering a broad range of core skills required by industry.

RSP president Jennie Zeiher says the expansion of the visual effects offerings responds to overwhelming interest from future students, matched with unprecedented industry demand.

"This is one of the only university-delivered programs where students

train onsite at a world-class studio and not only gain practical skills but also receive the mentoring and career advice they need to begin and sustain rewarding, lifelong careers," Zeiher says.

UniSA Senior Lecturer Dr Josh McCarthy says the teaching team worked with local and national industry to identify growth areas and skill shortages.

"3D animation and creature effects were two disciplines of need," Dr McCarthy says. "The new standalone degree in visual effects is similarly designed to accommodate student demands and industry requirements. We want to produce graduates with multidisciplinary skills and the flexibility to move between specialisations within the visual effects industry."





Research by UniSA's Professor Susan Luckman indicates a decline in craft skills in Australia may impact the future of our manufacturing industry.

### Craft skills crucial for Australia's manufacturing future

New research from UniSA indicates Australia's ability to sustain its local manufacturing industry is under threat by a generational loss of crafts and hands-on making expertise. Director of UniSA's Creative People, Products and Places Research Centre, Professor Susan Luckman, says craft skills in Australia have been declining since 2006.

"The biggest threat to Australia's making economy is its ageing workforce. Australia benefited hugely from trade-skills migration in the decades following World War II and up until the 1980s we had a strong domestic manufacturing sector," she says. "Subsequent offshoring of manufacturing has meant that craft skills have not been sustained and replenished in the Australian workforce."

The domestic manufacturing industry is worth \$19.2 billion, and Prof Luckman says a combination of digital tools and traditional skills is needed to sustain it.

"Scalable production enabled by digital tools operating alongside skilled craftspeople offers exciting potential for a renaissance of Australian making, especially through small and medium-sized enterprises who constitute most of Australia's contemporary manufacturing ecosystem."



Research led by UniSA's Associate Professor Dr Lyrian Daniel suggests poor rental housing standards are leading to poor health and wellbeing outcomes.

### Rental housing harms resident wellbeing

A large proportion of Australian rental properties are in such poor condition that they are putting residents' health and wellbeing at risk, according to new research from UniSA.

The research reviewed rental housing standards, housing and health policy in Australia, New Zealand and the UK, finding that while international regulations exist, there is no comparable Australian instrument to ensure the quality and condition of 'second-hand' homes.

Associate Professor Dr Lyrian Daniel says that while new and renovated houses in Australia must have a seven-star energy efficiency rating, existing housing stock remains among the least energy efficient in Australia.

"People who are renting a home have a right to expect that their housing is fit for living," she says. "But when we are continually seeing reports of mould, disrepair, and other awful conditions, we know that something is wrong. Internationally, other countries are a step ahead of us in putting better protections in place."

### Digital care work impacts mums

New UniSA research indicates parents are spending considerable energy mitigating the risks associated with their kids using mobile phones and the internet, with mothers most impacted.

UniSA researcher Dr Fae Heaselgrave calls this additional burden "digital care work", which involves mothers monitoring their children's digital activity, familiarising themselves with social media platforms and coming up with strategies to manage their kids' media use.

"Digital care work — which is an extension of the wider unpaid care role mothers provide in the home — is more often the domain of women, as mothers tend to be the primary caregiver," Dr Heaselgrave says. "This means the increased use of digital devices is having a bigger impact on mums in terms of demanding more time, energy and mental and cognitive work, which can also affect their career choices and paid work patterns."

### Supporting farmers' mental health

In 2023, UniSA led the launch of a grassroots suicide prevention tool to support Australian farmers. In Australia, suicide rates among farmers are nearly 59 per cent higher than non-farmers, and project lead, UniSA's Professor Lia Bryant, says the federally funded project, Taking Stock, puts the needs of rural communities at its heart.

"Rural people have tremendous knowledge about the challenges and opportunities that they face in rural areas, so working with farmers and support groups was absolutely essential to create strategies that have meaning and are more likely to be used," Prof Bryant says.

"In this project, we interviewed more than 50 farmers and three local suicide prevention groups to better understand the complexities of farmer distress and the local supports those farmers felt they needed."





## TOP 10 IN AUSTRALIA FOR EDUCATION

Ranked equal #8,  
2023 QS Subject Rankings  
– Education and Training.

### Using AI to personalise education

The Centre for Change and Complexity in Learning (C3L) at UniSA is Australia's leading education technology research centre, and in 2023 C3L researchers delivered a world-first program through the creation of 'learner profiles', a technology being trialled in several Australian schools.

The learner profiles provide real-time analysis of a student's learning, study behaviours, and social and emotional wellbeing. Lead researchers, Dr Vitomir Kovanović (pictured) and Dr Rebecca Marrone, say the technology has the potential to significantly improve the quality of teaching and learning.

"These profiles, all accessible via an online dashboard, will show how a student is learning at any point in time, which will help teachers quickly identify which children need additional support," Dr Kovanović says.

Dr Marrone says this means "teachers can respond to each child's needs in a timely and appropriate manner."

UniSA researchers have also developed an education software tool to improve the academic experiences of students, called 'OnTask', in a project funded by the Federal Government.

Project lead Professor Abelardo Pardo, says the next step is to amplify OnTask with Artificial Intelligence (AI).

"Currently, our software gathers and assesses data about students' activities, which allows educators to design personalised feedback," Prof Pardo says. "Our work at UniSA with AI can improve this software, as AI can simultaneously observe students' academic activities, collate massive amounts of data, and provide suggestions for better learning experiences."

## Australian teachers at breaking point

Australian teachers are breaking under a system that is failing to address excess workload, complexities in students, and job satisfaction, according to UniSA research. The study found South Australian teachers spend up to 60% of their time outside of face-to-face teaching, much of which is beyond their paid working hours.

The report indicates 79% of South Australian teachers feel overworked, 71% work with staffing shortages, and 67% struggle with their social and emotional wellbeing. Prepared for the Australian Education Union, the report found significant gaps between what teachers and students need, and what the system demands.

Report co-author, UniSA's Associate Professor Joel Windle, says "compliance, red tape and admin overload" are forcing teachers to spend more hours completing bureaucratic obligations than face-to-face teaching.

"The data shows that teachers spend up to 60% of their time outside of face-to-face teaching, much of which is beyond their paid working hours," Assoc Prof Windle says. "They're weighed down by the demands of 'success metrics' and feel that test-based accountability systems are not fit-for-purpose and take excessive time to accommodate in an already full curriculum."

## Weaving First Nations knowledges into school curriculum

A new partnership with the Australian Dance Theatre (ADT) is helping pre-service teachers at UniSA include First Nations dance into their teaching. UniSA Arts education expert Kerrin Rowlands says the program is equipping pre-service teachers with the confidence, knowledge and practices to transform teaching and integrate First Nations dance appropriately and effectively into school curricula.

"Dance is a central element in the diversity and continuity of local and global cultures, particularly the cultures of First Nations Australians," Rowlands says. "While dance is a learning area in primary school arts curricula, it is

dominated by western approaches, with First Nations Australian dance absent, or disregarded.

"To transform our approaches, teaching practices must be overhauled through a lens of culturally responsive learning design and curriculum delivery. Our program can help by increasing pre-service teachers' confidence and knowledge to appropriately work with First Nations dance in the Australian Curriculum in a school environment."



Crows AFLW player Chelsea Randall on her teaching placement. Randall completed her teaching degree at UniSA in 2023.

## Crows Captain joins UniSA education graduates

She's won three premierships and been named in the All-Australian team four times, but finishing her teaching degree is up there with Chelsea Randall's greatest achievements yet. It's been 12 years in the making, so it's little wonder Randall felt emotional about finishing her university degree in 2023.

The Crows AFLW Captain has been studying part-time at UniSA and, between her work and football commitments, gaining her degree has taken longer than she would have liked. But for Randall the significant journey makes the qualifications even more special.

"It's been challenging the last 12 years but now to be able to say I've got a degree behind me and a plan for post footy, it makes me emotional to think about," Randall says.

"There were times when I questioned why I was doing it, it's certainly been a juggle trying to work full time and captain an elite footy team as well as study, but the flexible arrangements and support I've had from family, friends, colleagues, and the uni has made it all possible."



A new study by UniSA indicates women pursuing careers in STEM still face barriers to entry.

## Women still alienated from STEM careers

A new study by UniSA indicates women pursuing careers in STEM are still fighting an uphill battle in Australian workplaces, despite a spike in girls studying STEM subjects in schools and universities. The report includes feedback and recommendations from 75 professionals and students working or interested in the sector.

The South Australian Academy for Gender Equity in STEM (SAAGES) report details a lengthy list of obstacles that women and non-binary people face in the STEM workforce, including an unsupportive or hostile work culture, entrenched, pervasive attitudes and unconscious bias perpetuating gender stereotypes in many workplaces.

Lead report author Dr Deborah Devis says the feedback demonstrates that Australia has a long way to go to achieve gender equity in the STEM workforce.

"These obstacles raised by women working in the sector should be a red flag as they continue to exacerbate critical STEM industry workforce shortages across the country," Dr Devis says.





## TOP 5 IN AUSTRALIA FOR QUALITY EDUCATION IN SOCIAL SCIENCES AND HUMANITIES

*Ranked equal #4, ComparED (OILT) Student Experience Survey 2021-22 – Humanities, Culture and Social Sciences – Overall Quality of Educational Experience Indicator (Undergraduate). Public universities.*

## Transforming SA's child protection system

The Australian Centre for Child Protection (ACCP) at UniSA will play a key role in developing and driving a long-term vision to transform South Australia's child protection system.

ACCP Director, Professor Leah Bromfield (pictured), has been appointed to lead the South Australian Child Protection Expert Group, which has been established by the South Australian Government to fulfil the first recommendation of Kate Alexander's independent review of the State's child protection system.

ACCP Deputy Director Associate Professor Melissa O'Donnell has been appointed as an expert member, while UniSA adjuncts Professor Fiona Ward and Professor Sharon Dawe are also members of the group.

"Our child protection system was not designed to respond to the scale of demand that it's currently facing, as one in three South Australian children are now reported before they turn 18," Prof Bromfield says.

"Rather than asking how we can reform our current systems, the group has been granted the opportunity to start with a blank page and to ask, 'What system would we design for protecting children?'"

"In asking the question differently, South Australia has an opportunity to once more be a leader in child protection and determine what's working well and what we should let go of into the future."

## Aboriginal-led team to improve maternal and child health

An Aboriginal and Torres Strait Islander-led team of medical and social health researchers has been tasked with investigating how to improve First Nations health and wellbeing during pregnancy, birth and the early years to help give more kids the best start to life.

The research team, led by UniSA clinical psychologist Associate Professor Yvonne Clark, a Kokatha/Wirangu woman, was awarded \$5 million in Australian Government funding from the National Health and Medical Research Council (NHMRC).

Assoc Prof Clark, who in addition to her role as a research professor at UniSA is also a Research Fellow at the South Australian Health and Medical Research Institute (SAHMRI), is one of seven Aboriginal and Torres Strait Islander chief investigators involved in the project.

Some of the language groups represented in the medical research project include Kuku Yalangji (Torres Strait), Trawlwoolway (Tasmania), Waljena and Nyinina (Western Australia); and Maintangk and Wotjobaluk (South East of South Australia).

The research aims to empower Aboriginal and Torres Strait Islander women and their families in South Australia and Western Australia. The project will seek to identify strength-based, action-oriented approaches and interventions that value Aboriginal and Torres Strait Islander peoples' concepts of health and wellbeing, cultural practices, knowledge and learning.

## Higher education pathways for refugees

UniSA is partnering with 11 other universities around the nation to help build pathways to higher education for refugees from around the world. The Australian Refugee Welcome University Sponsorship Consortium is working to co-design a blueprint for a proposed new, ground-breaking, education-led pathway for refugee resettlement in Australia.

UniSA Executive Dean: Justice and Society Professor Paula Geldens, says the initiative is a first in Australia.

"UniSA has always had a strong social mission and a deep commitment to our communities," Prof Geldens says. "Refugees come from backgrounds of trauma and poverty, and education holds the key to helping them build new lives and realise their potential. Many have had their educational journeys disrupted by conflict, others have not had the opportunity to pursue higher education, and for some, their qualifications are not fully recognised in Australia.

"Refugees and migrants have contributed enormously to Australian society, and this initiative will support the future impact of new refugees while helping them adjust to their new world."



*A groundbreaking digital storytelling initiative called the "Mia Project" was launched at UniSA in 2023, using virtual learning case studies for Bachelor of Social Work students.*

## Students embrace avatars in virtual learning

A groundbreaking digital storytelling initiative called the "Mia Project" was launched at UniSA in 2023, using virtual learning case studies for Bachelor of Social Work students to help prepare them for practical, real-life scenarios.

Project lead Dr Fatin Shabbar says that over the course of their degree, students track the journey of an avatar called Mia, from infancy to adolescence, witnessing her growth and development via 3D animations in a virtual workplace setting.

"Students now entering university have grown up in a digital world and identify more with this style of interactive learning, and virtual and augmented reality, than using traditional textbooks," Dr Shabbar says.

"Universities worldwide are struggling to engage students with online teaching and part of the reason is that students just don't relate to traditional methods of learning that have been effective in the past.

"Social work involves soft emotional skills and understanding human behaviour. Written case studies don't replicate well in real life, where social workers must make judgements and create connections with children."



*Dr Rachael Potter is leading research into working conditions for pregnant women and parents.*

## Pregnant women face workplace discrimination

A new UniSA study shows that 20 years after it was outlawed in Australia, workplace discrimination is still rife for pregnant women, especially those returning to work after maternity leave.

More than 60% of new mothers returning to work say their opinions are often ignored, they feel excluded, and are given unmanageable workloads. A quarter of women surveyed said their workplace did not provide appropriate breastfeeding facilities and almost one in five were refused requests to work flexible hours or from home.

The study, led by UniSA researcher Dr Rachael Potter, is the first national review of pregnant and working parents since 2014, and shows that scant progress has been made in the intervening years.

"The results we have collected so far are concerning," Dr Potter says. "Our study not only highlights existing discrimination faced by pregnant women and new parents returning to work, but also offers valuable insights into the areas that require improvement."





## TOP 5 IN AUSTRALIA FOR STUDENT SATISFACTION IN MATHS AND SCIENCE

*Ranked equal #3, ComparED (QILT)  
Course Experience Questionnaire  
2021-22 – Overall Satisfaction  
Indicator (Domestic Undergraduate).  
Public universities.*

### World-first drug to treat Epidermolysis Bullosa

Affecting more than 500,000 people worldwide – and around 1200 people in Australia – Epidermolysis Bullosa (EB) is a rare genetic disease that causes the skin to blister and peel at the slightest touch, leaving open wounds that may never heal and skin infections that can lead to sepsis and death.

While there is no known cure, UniSA scientists are developing a monoclonal antibody therapy that can heal both internal and external wounds simultaneously – a groundbreaking therapy that has never been attempted anywhere else in the world.

Deputy Director of UniSA's Future Industries Institute Professor Allison Cowin (pictured) says the treatment could be "life changing" for patients, leading to fewer infections, less pain, improved nutrition, and a far better quality of life.

"The aim is to inject patients with this drug, specifically targeting a protein which is present at high levels in the wounds of patients with EB, impairing healing," Prof Cowin says. "The drug should neutralise this protein, allowing the wounds to heal better."



A new \$10 million manufacturing hub, the Precision Engineering Centre, was launched at UniSA's Mawson Lakes campus in 2023.

### New Precision Engineering Centre

A new \$10 million manufacturing hub, the Precision Engineering Centre, was launched at UniSA's Mawson Lakes campus in 2023, showcasing new advanced optics capabilities that will transform a range of industries.

The centre – housing lab-on-a-chip technology, micro and nano-machining equipment, advanced sensing and state-of-the-art precision optics capabilities and expertise – is the only one of its kind in the southern hemisphere, placing Australia at the forefront of advanced manufacturing.

The result of a decade-long collaboration between the UniSA-led SA Node of the Australian National Fabrication Facility (ANFF-SA) and the Research Engineering team at the Defence Science and Technology Group (DSTG), the centre is literally at the cutting edge of defence manufacturing.

UniSA Deputy Vice Chancellor: Research and Enterprise, Professor Marnie Hughes-Warrington AO, says UniSA is proud to help advance Australia's defence manufacturing sovereignty through DSTG's Capital Refresh Program, which is providing researchers with ultra high-end fabrication and test equipment.

"The dynamic 10-year partnership between ANFF-SA and DSTG's Research Engineering team has consistently demonstrated innovative solutions to mitigate risks associated with new

technology," Prof Hughes-Warrington says. "The collaboration extends well beyond any physical infrastructure. It encompasses top-tier technical expertise and the cultivation of emerging talent, with a mutual desire to be trailblazers."



Professor Haolan Xu is leading research into the development of self-sustaining sea farms that use ocean water to grow crops without maintenance.

### Self-sustaining sea farms

In what is believed to be a world first, UniSA researchers have designed a self-sustaining floating solar sea farm that evaporates seawater and recycles it into freshwater, growing crops without any human involvement.

Professor Haolan Xu and Dr Gary Owens from UniSA's Future Industries Institute have developed the vertical floating sea farm which is made up of two chambers: an upper layer similar to a glasshouse, and a lower water harvest chamber.

"Clean water is supplied by an array of solar evaporators that soak up the seawater, trap the salts in the evaporator body and, under the sun's rays, release clean water vapour into the air which is then condensed on water belts and transferred to the upper plant growth chamber," Dr Owens says.

In a field test, the researchers grew three common vegetable crops – broccoli, lettuce, and pak choi – on seawater surfaces without maintenance or additional clean water irrigation.

### Significant increase in the power of fibre lasers

Researchers from UniSA, the University of Adelaide and Yale University have found a new way to significantly increase the power of fibre lasers while maintaining their beam quality.

UniSA's Dr Linh Nguyen says the new approach will make fibre lasers more useful for remote sensing applications and gravitational wave detection, as well as the defence industry.

"High-power fibre lasers are vital in manufacturing and defence, and becoming more so with the proliferation of cheap, unmanned aerial vehicles (drones) in modern battlefields," Dr Nguyen says.

"A swarm of cheap drones can quickly drain missile resources, leaving military assets and vehicles with depleted firing power for more combat-critical missions. High-power fibre lasers, with their extremely low-cost-per-shot and speed of light action are the only feasible defence solution in the long run."

### Tongue provides a window to your health

New research provides strong evidence of the increasing accuracy of tongue analysis to detect disease. Led by UniSA Adjunct Associate Professor Ali Al-Naji, engineers from UniSA and Middle Technical University have used a USB camera and computer to capture tongue images from 50 patients with diabetes, renal failure and anaemia, comparing colours with a database of 9000 tongue images.

The project used image processing techniques to correctly diagnose the diseases in 94 per cent of cases, compared to laboratory results.

"Computerised tongue analysis is highly accurate and could help diagnose diseases remotely in a safe, effective, easy, painless, and cost-effective way," Assoc Prof Al-Naji says. "This is especially relevant in the wake of a global pandemic like COVID, where access to health centres can be compromised."



## UniSA Online launches 13 new programs

In 2023, UniSA Online designed, developed and launched 13 new 100% online programs in collaboration with UniSA's Academic Units. These programs were carefully chosen based on their alignment with workforce demand and clear graduate outcomes.

UniSA Online expanded its scope to include micro-credentials, undergraduate certificates, and postgraduate offerings in response to industry demand and government initiatives. Notably, four of these programs were co-developed with Accenture through the Innovation Academy, which was established in 2022 to address known and emerging skills gaps in business education.

UniSA's online offerings now span across all academic units, with programs that offer a range of study options, from 10 weeks to three years full-time study.

Associate Professor Barbara Parker, Executive Director of UniSA Online, says the successful development process of the new programs is the result of stable, program-specific teams, and contributions from various University professional units, including the Teaching Innovation Unit, Student and Academic Services, Information Strategy and Technology Services, and Communications and Marketing Unit.

## Microcredentials Pilot in Higher Education

UniSA Online joined the Australian Government's Microcredentials Pilot in Higher Education in 2023, with the launch of a 100% online Professional Certificate in IT and Cloud Fundamentals, with study commencing in September 2023.

This program aims to equip students with a thorough grasp of IT and cloud technologies, ensuring their readiness for success in the ever-evolving digital landscape. Students will upgrade their IT and cloud capabilities over 10 weeks with the certificate delivering introductory skills in IT fundamentals, programming concepts and cloud

computing, along with understanding how they can be used to support an organisation's IT infrastructure.

In addition to uplifting skills, this Professional Certificate is a pathway to further study in ICT support, design and management, with successful completion earning credit towards a full degree. Those who successfully complete this course will also be awarded a digital badge from the official tertiary credentials platform, My eQuals, and students can share the badges across their digital profiles and social networks such as LinkedIn.

## UniSA Online supports women to upskill engineering or IT skills

UniSA Online became a provider for the Women in STEM Cadetship and Advanced Apprenticeship Program in 2023, supported by the Federal Government. Grants of up to \$5000 are available to employers to support women in their organisations to upskill with engineering or information technology associate degrees.

Through this initiative, employees can upskill by studying an Associate Degree in Information Technology or an Associate Degree in Engineering, both 100% online, alongside their paid employment. Study is part-time for most of the program.

Up to \$5000 per employee, per year, is available for eligible employers to support employees' participation in the program. These funds must be used to

support employees in their studies, with a list of approved activities including providing flexible work arrangements or covering tuition fees or other study-related expenses.

By supporting part-time higher education STEM pathways for employed women, the program increases Australia's STEM-skilled workforce and helps industry partners to upskill their employees with job-relevant and future-ready skills.

## UniSA joins Telstra FutureReady program

In 2023, UniSA announced a partnership with Telstra that will help employees at the organisation to upskill in response to evolving workplace demands. The Telstra FutureReady program provides training and development in core business capabilities, and Telstra employees who complete FutureReady learning modules can gain credit towards UniSA bachelor, graduate certificate, and masters' degrees across key disciplines.

UniSA offers FutureReady participants credit towards degrees in business, information technology, leadership, finance, engineering, marketing and communications, and data analytics. Many of the degrees are delivered 100% online through UniSA Online, ensuring flexible learning options are available to suit the needs of people blending work and study.





Barngarla Elder Lovie Richards and her son Zac graduated together from UniSA's Aboriginal Pathway Program in 2023



Visual artist Thomas Folber became UniSA's first Foundation Studies graduate to have successfully worked their way up to a PhD

## UniSA College program redevelopment

UniSA College provides pathways to university for people who, for a range of reasons, lack sufficient secondary school attainments for regular admission, providing them with the foundational skills they need to succeed in tertiary study.

In 2023, UniSA College undertook a review of its pathway options in response to changing needs and circumstances in the sector. The review led to a redevelopment of the College's core programs – Foundation Studies, Diplomas and Undergraduate Certificates – which take effect from 2024.

The changes include a reduction in the duration of Foundation Studies from 12 months to six months, and an increase in the number of specialisations available in Certificates and Diplomas. The new programs introduce a scaffolded approach, where students can study foundational courses before moving into a specific discipline area to prepare them for their bachelor degree.

UniSA College Dean of Programs, Professor Sharron King, says the new structure better equips students with the tools required for the College program and ongoing undergraduate success.

"The scaffolded program structure, and intermediate step, adds another 'check in' point for UniSA College students, which we know is of benefit," Prof King says. "Sequential progression and shifts in workload better prepare students for bachelor-level study, with continuous College support throughout the process."

## Mother and son celebrate graduation from Aboriginal Pathway Program

Barngarla Elder Lavinia 'Lovie' Richards and her son, Zac Nelson-Richards, have spent the past few years studying UniSA's Aboriginal Pathway Program (APP), which prepares Aboriginal and Torres Strait Islander students for university study.

In May 2023, Lovie and Zac graduated from the APP alongside their peers at UniSA's Whyalla graduation ceremony.

The APP program helps Aboriginal and Torres Strait Islander students embrace university study. It is designed for people who don't meet standard university entry requirements, such as students without an ATAR.

Students who successfully complete the APP can transfer into any degree at UniSA either in-person or online. Lovie was made aware of the APP when her cousin explained the program to her. Frustrated with continual knockbacks

from potential employers, she decided to explore study options at university to boost her education and employment opportunities.

"I was quite amazed at what UniSA had to offer through the APP and the possibility of further study," Lovie says.

## From Foundation Studies to PhD and beyond

In 2023, visual artist Thomas Folber became UniSA's first Foundation Studies graduate to have successfully worked their way up to a PhD, following a 13-year journey of visual arts study.

Thomas began his journey at UniSA in 2010 when he enrolled in the Foundation Studies program through what is now known as UniSA College. He had been forced to drop out of high school because of illness, leaving him without an ATAR to seek entry to university.

The UniSA Foundation Studies program is designed for people who don't meet entry requirements for their desired degree, including school leavers without an ATAR.

"Having an alternate pathway into tertiary study such as this was so valuable," Thomas says. "I have to say that the UniSA staff, and my family and friends, were incredibly generous with their encouragement and support."



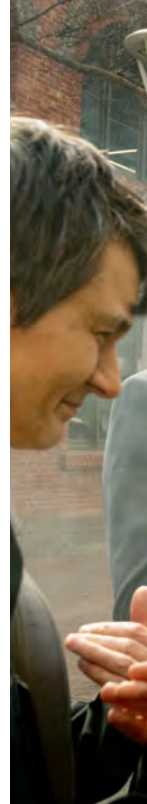
# Projects and partnerships











The launch of UniSA's third Reconciliation Action Plan was held in the Enterprise Hub building, which was bestowed the Kaurna name Yangadlitja Kumangka in 2023. Yangadlitja Kumangka means 'for the future, together.'

## Aboriginal Knowledges Centre planned under new UniSA RAP

Creation of an Aboriginal Knowledges Centre is at the heart of UniSA's third *Reconciliation Action Plan* (RAP), which was launched in September 2023. The RAP, a second 'Stretch' RAP for UniSA, includes a deeper focus on two-way engagement with Aboriginal communities and actions to foster Aboriginal participation in education.

UniSA Vice Chancellor Professor David Lloyd says the new RAP will broaden the University's relationships with Aboriginal stakeholders and reach deeper into the South Australian community.

"The new RAP will see our vision for an Aboriginal Knowledges Centre come to life through new commitments to Aboriginal Peoples and education, and the development of a new space in our existing Lewis O'Brien building, Yarlupurka, at City West. The building will undergo an extensive adaptation to ensure a purpose-designed, shared space to grow our appreciation of Aboriginal knowledges and cultures and foster two-way engagement."

The Aboriginal Knowledges Centre masterplan is expected to be completed by early 2024, with construction of the outdoor courtyard, including a yarning circle, anticipated in late 2024 and planning for the internal works to continue through 2025 to 2026 (subject to approval).

Yarning circles will also be established at UniSA's Whyalla and Mawson Lakes campuses in 2024, which follow the launch of the University's first yarning circle (Nyina Ba Kalawa) at Mount Gambier in 2023 (see page 72).

UniSA's third RAP was led by Professor Irene Watson, Pro Vice Chancellor: Aboriginal Leadership and Strategy, in collaboration with Purkarninthe in Residence member Uncle David Rathman AM PSM, and UniSA Students and Research Registrar and Council member Vanessa Matthews.

Uncle David says physical spaces are integral to building a community where Aboriginal and non-Aboriginal peoples feel welcome to come together in the spirit of reciprocity.

"The installation of sculptures and yarning circles is important, as together, they represent culturally symbolic and significant commitments by the University," Uncle David says. "The sculptures and circles help to create culturally respectful and inclusive spaces that align with Aboriginal Peoples' beliefs and structures, and can become retreats or points of unification for Aboriginal and non-Aboriginal peoples."

Shortly after the release of the *Stretch RAP 2023-2025*, Prof Watson (pictured above left with Professor David Lloyd and Uncle Lewis O'Brien) announced she would be stepping down as

PVC: Aboriginal and Leadership and Strategy to return to her substantive position as a researcher. The University extends thanks to Prof Watson for her distinguished leadership and vision through her eight years as PVC.

## Purkarninthe in Residence

Established in 2021 as a deliverable of UniSA's *Stretch RAP 2018-2021*, the Purkarninthe in Residence Project brings together Aboriginal Elders with kinship ties across South Australia to provide advice to the University in a wide range of areas.

The Purkarninthe in Residence convened nine times in 2023. They were key stakeholders in the *Stretch RAP 2023-2025*, including the creation, public consultation process, input in the design plan, and then approval for final endorsement. Elder Uncle David Rathman, as joint RAP Co-Chair, presented the *Stretch RAP 2023-2025* to the Enterprise Leadership and Council for final endorsement. Uncle David and other Purkarninthe Elders attended the launch of the *Stretch RAP*.

Purkarninthe in Residence were also key stakeholders in the planning of the Aboriginal Knowledges Centre. Members were involved in the initial scoping that informed the brief for phase one, the delivery of an outdoor space, including a yarning circle. Elders consulted three times with



the architects who were awarded the tender to complete phase one, to provide input into the design and contribute to the vision and concept that will inform the creation of the site's master plan, which is due to be finalised in early 2024.

Purkarninthe in Residence submitted written feedback directly to UniSA's Vice Chancellor for consideration on the creation of the new Adelaide University. The feedback focused on the foundational commitments to Aboriginal Peoples and education and provided a set of key considerations that should be included, comprising of Legislation, dual naming, Aboriginal teaching, access and retention of Aboriginal students, the need for further analysis as it relates to Aboriginal Peoples and suggested further involvement of the Purkarninthe Elders in any future process.

Purkarninthe in Residence undertook a review of the draft legislation of the new Adelaide University, to determine if the draft Bill was consistent with the University of South Australia (UniSA) Act 1990, and specifically, UniSA's provisions for and commitments to Aboriginal Peoples and Aboriginal education. They also identified any other sections of specific interest or relevance to Aboriginal Peoples and submitted several suggested refinements to the legislation feedback process.

Throughout the year, Purkarninthe in Residence considered the future of Aboriginal governance and engagement at the University, and their interest to further explore and scope a position and proposed way forward. Auntie Lynette, Uncle Kym, and Uncle Lewis joined a yarning circle with representatives from Aboriginal Leadership and Strategy, Aboriginal academics and the Teaching Innovation Unit on 4 October to continue discussions about the future vision, and connection to community, for Aboriginal research and Aboriginal curriculum, at UniSA and the new Adelaide University. Uncle Frank and Auntie Lynette attended the Aboriginal Research Strategy Seed Fund Informational Session hosted by the Enterprise Hub on 28 September, which was an opportunity to promote Aboriginal research, community partnerships, and the seed fund.

Auntie Lynette Crocker and Uncle Kym Kropinyeri led an National Reconciliation Week (NRW) Working Group-initiated event in July, part of UniSA's observance of NAIDOC Week 2023. The event involved Elders, UniSA staff, student leaders, and representatives from the Blackwood Reconciliation Action Group yarning about the history of the site, truth-telling, and the seven principles of Reconciliation as outlined by Auntie Lynette Crocker: Recognition,

Respect, Rights, Reform, Reciprocity, Responsibility, and Repatriations. Purkarninthe in Residence received and provided input into presentations about the national competency standards for architecture professionals, provided by UniSA Creative, and the University's efforts to embed Aboriginal curriculum into UniSA programs, by the Teaching Innovation Unit.

Elders participated in yarning circles held throughout October, as part of the Elders on Campus program, an Indigenous Student Success Program (ISSP) sponsored initiative that aims to facilitate Elder-student engagement and foster student wellbeing. Content generated in the circles, and subsequent filming sessions with Elders, will be used on the new Elder-student online platform that will be launched in 2024.

Throughout the year, Kaurna Purkarninthe in Residence Elders provided a Welcome to Country for a wide range of University events and meetings, including graduations, corporate induction, Academic Board meetings, Hawke lectures, and Aboriginal student orientation events. Purkarninthe Elders were also involved in UniSA activities, such as committee attendance, NRW, NAIDOC week, sponsored or hosted events, recruitment panels, guest lectures, and research workshops.



### International university consortium to support AUKUS

UniSA and University of Adelaide have joined five leading universities in the United Kingdom and United States to support the AUKUS alliance.

World-class defence experts from seven universities in the US, UK and Australia have formed the Digital Disruption in Defence Research Consortium, which will analyse and assess cutting-edge data in partnership with government and industry.

It will also coordinate research to better understand the implications of digital disruption for defence, and to help shape policies and strategies that benefit its member nations.

UniSA Director Defence & Space, Matt Opie, says AUKUS will transform the Australian defence sector.

“South Australia is home to the nation’s premier naval ship and submarine activities, and as such, will play a key role in supporting the AUKUS strategic alliance,” Opie says. “It’s fitting that UniSA is part of this global defence consortium, sharing our research and helping to shape defence policy.”

The consortium will share its findings with ally nations and collaborate on future research with interested academic bodies in all relevant areas, including cyber operations, supply chain, and other data developments crucial to the future of military success.

### Degree apprenticeships fast-tracked for SA defence jobs

UniSA has partnered with the South Australian Government, the defence industry and the Australian Industry Group (Ai Group) to fast-track a university degree apprenticeship pilot program for the growing defence sector, ahead of the construction of nuclear-powered AUKUS submarines commencing in South Australia.

The State Government has committed \$450,000 over three years to support the establishment of a software engineering degree apprenticeship that will enable students to earn while they learn and prepare for defence careers.

UniSA will design, develop and co-deliver the course with host employers, design and implement host employer supervisor training plans, and provide ongoing support for host employers and apprentices throughout the program.

UniSA Vice Chancellor Professor David Lloyd says the University has always worked closely with industry and government to respond to changing workplace needs.

“With South Australia poised to deliver the single biggest defence project in our country’s history – the construction of nuclear-powered submarines – it is critical that UniSA plays a major role in producing highly-skilled graduates that meet defence requirements,” Prof Lloyd says.



UniSA Director Defence & Space, Matt Opie, at the launch of UniSA's new Global Executive MBA in Defence and Space, which is part of AUKUS aligned activity launched in 2023.



A new UniSA Health Clinic forms a key part of a new \$40 million aged care, health and education hub in Adelaide's northern suburbs.

### **\$40m health hub opens in Adelaide's northern suburbs**

A new UniSA Health Clinic forms a key part of a \$40 million aged care, health and education hub in Adelaide's northern suburbs. The hub, which was opened in September 2023 by South Australian not-for-profit aged care provider ACH Group, aims to improve health outcomes for the local community.

In addition to UniSA and ACH Group, the initiative also involves the Northern Adelaide Local Health Network (NALHN) and the City of Playford.

The co-located UniSA Health Clinic – an integrated GP, nursing and allied health clinic – will provide services to residents and the surrounding local community with a combination of professional and lower-cost student-assisted services.

UniSA Pro Vice Chancellor for Teaching and Learning, Professor Esther May, says the partnership is part of the University's commitment to supporting educational opportunities, health services and the health workforce in the northern suburbs.

"As a registered NDIS provider, the clinic will provide additional adult and paediatric NDIS services in the northern suburbs," Prof May says. "Nursing and allied health students will undertake placements in the residential care home and the clinic, providing them with vital practical learning experiences during their degree and preparing them for the health workforce."

ACH Group's 96-place residential care home has adopted an innovative small household-built form comprising eight purpose-built single-storey houses in a village setting. The houses feature 12 self-contained resident rooms with ensuites; a large open plan living, kitchen and dining area; and features commonly found in traditional houses so residents can participate in the daily house activities if they wish.







UniSA and the South Australian Institute of Sport are creating a world-class high-performance sport, research and education precinct in Mile End.

## UniSA and SASI to deliver sports science precinct

UniSA and the South Australian Institute of Sport (SASI) are teaming up to deliver a world-class high-performance sport, research and education precinct in Mile End.

The state-of-the-art facility will bring together key sporting and education infrastructure to support athletes to perform at their best, provide university students with immersive industry-led experiences, and deliver research-based solutions for South Australian sport.

The new facility will be co-located at Mile End with the new National Centre for Sports Aerodynamics, the South Australian Institute of Sport, SA Athletics Stadium and Netball SA Stadium.

With UniSA ranked in the world top 100 for exercise and sport science, the hub will ensure that UniSA sports science students have authentic learning experiences, scope to engage with leading industry staff and elite athletes, and a career-ready education.

UniSA Vice Chancellor Professor David Lloyd says the new facility will provide vibrant, integrated learning opportunities for students.

“The new hub presents an outstanding opportunity to develop stronger research, teaching and commercialisation collaborations with SASI and other sports industry partners that are located at the site,” Prof Lloyd says. “Coaches and allied health personnel will work together to deliver cutting-edge research to better prepare athletes for competition. The UniSA Sports Science Hub will have the latest industry facilities and expertise to ensure world-class learning, practice and research, which will benefit South Australia’s sports industry now and in the future.”

### UniSA, SmartSat CRC and partners to develop AI-enabled spacecraft

UniSA, funded by Australia's leading space research centre, the SmartSat Cooperative Research Centre (CRC), announced plans in July 2023 to develop new autonomous spacecraft using Artificial Intelligence (AI).

The three-year UniSA-led project will involve eight SmartSat university and industry partners, including Airbus, Asension, Deakin University, Defence Science and Technology Group, Leonardo Australia, Saab Australia and Swinburne University of Technology.

The research project aims to create a set of autonomous algorithms that will enable small and distributed spacecraft to make decisions independently, optimise the use of available resources and capabilities, adapt to changing conditions and handle critical situations, without intervention from Earth.

SmartSat CRC Chair of Artificial Intelligence, UniSA STEM Professor Ryszard Kowalczyk, who is leading the project, says spacecraft autonomy will be a key feature of the next generation space systems.

"Spacecraft that can operate independently of ground contact will be able to respond to unexpected events in real-time without needing to wait for commands from Earth," Professor Kowalczyk says. "This autonomy will improve Australia's remote sensing capabilities and other vital services undertaken in space, allowing us to push the boundaries even further in orbit. It will help increase the responsiveness and continuity of space-based observations, minimise communication and data access delays, and reduce the costs for both space and ground operations."

### Key collaboration in space research project iLAUNCH

UniSA researchers will play a key role in a new collaboration to boost Australia's position in the global space economy, drive innovation and develop a new generation of space leaders.

This is the mission for the Innovative Launch, Automation, Novel Materials, Communications and Hypersonics (iLAUNCH) Trailblazer. It's a partnership involving UniSA, the University of Southern Queensland (UniSQ), Australian National University (ANU) and industry.

iLAUNCH will harness Australia's natural and competitive strengths to diversify and transform Australia's economy, workforce and industry, while creating more sustainable, high-value jobs for all Australians.

The \$180 million program will invest in space industry research, commercialisation and manufacturing over four years. UniSA Future Industries Institute Professor Colin Hall says the University is proud to be part of the iLAUNCH consortium.

"This unique initiative represents a real opportunity for Australia to expand and develop our space engineering ecosystem," Prof Hall says. "Through collaboration and innovation, we will demonstrate how space capable technologies can inspire the next generation of space engineers and realise a commercial outcome in this sector."



Associate Professor Colin Hall, Dr Marta Llusca Jane, Dr Jebum Choi and Dr Kamil Zuber will lead UniSA's involvement in iLAUNCH.



## Venture Catalyst Space supports local space companies

South Australia's space sector continued to grow in 2023, with new space companies from around the world joining the coveted commercial space program, Venture Catalyst Space. The program is a pre-eminent accelerator delivered by UniSA's Innovation & Collaboration Centre (ICC) and funded by the State Government's Space Innovation Fund.

Venture Catalyst Space has supported 29 startups that have collectively raised \$14 million in additional investment and grants, while creating more than 100 space jobs.

Since its inception in 2018, Venture Catalyst Space has attracted talent from overseas as well as companies from interstate. ICC Director Jasmine Vreugdenburg says that 2023's cohort also represented some of the strongest South Australian companies that the program has seen to date.

"The local talent joining our program is a true testimony to the successful development of South Australia's commercial space ecosystem," Vreugdenburg says. "We know our NewSpace sector is growing by more than 64 per cent per year, and we are well on track to grow our industry by more than \$8 billion by 2023.

"Adelaide, as Australia's space capital, is leading this charge, and our four new local startups will bring significant breadth and diversity to our domestic space sector.

"Our new local recruits are developing incredible capabilities, from educational satellites, sustainable satellites, Big Data processing, and Artificial Intelligence technology."



UniSA's new Enterprise Hub is home to the space sector incubator program, Venture Catalyst Space, which is funded by the State Government's Space Innovation Fund.

## Allied health placements expand to meet demand

UniSA has signed a tri-university Memorandum of Intent (MOI) to boost allied health placements in South Australian schools, providing much-needed support for school students, and experienced, job-ready graduates for the future.

Signed by Education Minister Blair Boyer with the State's three universities – UniSA, the University of Adelaide and Flinders University – the partnership will deliver an improved allied health placement program in public schools in South Australia. The initiative will help meet growing industry demands by simplifying pathways for university students to arrange work placements in government schools.

UniSA Vice Chancellor Professor David Lloyd says UniSA is pleased to be partnering with the State Government and public schools to produce allied health professionals of the future.

"This partnership provides an opportunity for UniSA to expand our clinical work placement program into schools, so that we can provide much-needed supports to school students, and continue to deliver experienced, job-ready graduates," Prof Lloyd says.

## Scholarships to attract the best and brightest to teaching

UniSA, along with the University of Adelaide and Flinders University, is partnering with the South Australian Government to deliver \$2 million in teaching scholarships to boost the quality and diversity of the teaching profession in the state.

The scholarships will focus on increasing the number of women teaching STEM, the number of male

primary school teachers, and help boost other underrepresented groups into the teaching profession. The scholarships are part of an election commitment aimed at supporting some of the best and brightest students to enrol in teaching degrees.

UniSA Vice Chancellor Professor David Lloyd says that quality teachers are the driving force behind a quality education.

"UniSA has always been at the heart of teacher education in South Australia," Prof Lloyd says. "These scholarships will ensure that UniSA continues to attract exceptional students from a diverse range of backgrounds and experiences, who will meet the needs of the modern classroom."

## New partnership tackles workplace bullying

World-first research is at the heart of a new workplace bullying prevention program, launched in 2023 by UniSA and Australian software business, Teamgage. The new program, Healthy Workplaces by Design, identifies and mitigates the root causes of bullying, extending beyond more obvious interpersonal triggers into psychosocial hazards, such as workplace environments, workload demands, and working practices.

As a risk audit and prevention program it will help businesses meet new work health and safety (WHS) obligations to proactively risk manage psychosocial hazards, especially workplace bullying. About 1.1 million Australian workers experience serious workplace bullying, with 39 per cent of mental disorder claims caused by workplace bullying, harassment, or violence.

UniSA researcher Professor Michelle Tuckey says the UniSA and Teamgage partnership will deliver a risk

management process that uses work redesign to prevent workplace bullying and other psychosocial hazards.

"Workplace bullying already costs up to \$36 billion in lost productivity each year," Prof Tuckey says. With Safe Work Australia recording a 75 per cent increase in the frequency of bullying claims over the past ten years, it's a problem that is not slowing down.

"The UniSA and Teamgage partnership will enable businesses to undertake a tailored risk audit of their workplace and generate specific recommendations, actions, and evaluations to remedy any concerns.

Trialled across 85 sites, Healthy Workplaces by Design has delivered a 34 per cent reduction in exposure to bullying behaviour, 46 per cent reduction in workplace bullying complaints, and a 73 per cent reduction in sexual harassment complaints.



UniSA researcher Professor Michelle Tuckey is collaborating with software developer Teamgage to create a digital platform to reduce workplace bullying.



# Our people











Bradley Distinguished Professor Timothy Olds (centre, with UniSA Chancellor Pauline Carr, left, and Provost and Chief Academic Officer, Professor Joanne Cys) was one of three UniSA researchers to feature on the Clarivate Highly Cited Researchers list in 2023. Prof Olds was also awarded the title of Emeritus Professor in 2023.

## Clarivate Highly Cited Researchers

Three UniSA researchers featured on the Clarivate Highly Cited Researchers list in 2023, ranking them among the world's top scientists and social scientists, based on citations and rigorous qualitative analyses.

2023 is the first time that three UniSA researchers have been included, with Professor Haywantee Ramkissoon, Bradley Distinguished Professor Timothy Olds and Dr Binoy Sarkar selected for the reach and impact of their multidisciplinary research.

Their achievements coincide with a year of rankings success for UniSA, which moved up in both the QS World Rankings 2024 and Times Higher Education (THE) World University Rankings 2024, and debuted at number 11 nationally in the Australian Financial Review's inaugural Best Universities Ranking.

UniSA Deputy Vice Chancellor: Research and Enterprise and Standing Acting Vice Chancellor Professor Marnie Hughes-Warrington AO says UniSA rose 37 places in the QS 2024 rankings

with improved scores in both Academic and Employer Reputation indicators, and moved up 29 places in the THE rankings.

"In a year when many Australian universities experienced drops, this is an impressive result," Prof Hughes-Warrington says. "With three of our researchers now featuring on Clarivate's highly cited list among the world's top 1% of scientists, it is proving to be an exciting year for acknowledging the quality of UniSA's research. I congratulate Haywantee, Tim and Binoy for their achievements, and for the impact they are making in areas that are so critical to our global society."

## Number one in Australia for graduate employability

In 2023, employers ranked UniSA graduates number one in Australia for employability, up from number two in 2022, further demonstrating how the University is helping students launch unstoppable careers.

The QILT Employer Satisfaction Survey (ESS) measures employers' views on the attributes of recent graduates from

Australian higher education institutions. UniSA scored the highest rating when asked about the employability of graduates, with a 91% satisfaction rate in the 2022 ESS, released in April 2023.

UniSA Vice Chancellor Professor David Lloyd described the results as a fantastic achievement, which provides students with reassurance they are gaining practical skills and will graduate career ready.

"In the survey, employability skills are defined as the ability to perform and innovate in the workplace," he says. "We know that our focus on innovation and enterprise is helping our students become future leaders, change-makers and ready to ask big questions in the world."

The 2022 ESS represents the largest survey of its kind, reporting the views of 3452 employers.



*Dr Mamello Thinyane was appointed the inaugural Optus Chair of Cyber Security and Data Science at UniSA.*



*Former Managing Director of Housing Choices Australia, Professor Michael Lennon was appointed UniSA's first Chair in Regional Housing and Planning in 2023.*

## Inaugural Chair of Cyber Security and Data Science

South Australia's digital security received a major boost in 2023 with a United Nations computer science researcher appointed the inaugural Optus Chair of Cyber Security and Data Science at UniSA.

Dr Mamello Thinyane brings 15 years of international experience in managing digital development projects in Africa, Asia and Australia.

The highly respected researcher joins UniSA and Optus from the United Nations University Institute in Macao, where he has led research into citizen cyber resilience and data and sustainable development for the past six years.

Dr Thinyane's appointment is a co-funded role, and he will lead a team within the Cyber Security Research and Collaboration Hub at Lot Fourteen, focused on innovative research and teaching.

"Australia and the global community will not be resilient to the evolving cyber threats until we strengthen the

'weakest' links in the cyber security ecosystem," Dr Thinyane says. "This partnership between Optus and UniSA provides an opportunity to train the next generation of cyber security professionals, undertake powerful applied research, and to find solutions to some of the most pressing societal cybersecurity challenges."

## Inaugural Chair in Regional Housing and Planning

Amid Australia's housing crisis that is contributing to significant levels of housing stress particularly among low-income earners, UniSA appointed its first Chair in Regional Housing and Planning in 2023.

Former Managing Director of Housing Choices Australia, Professor Michael Lennon has been a leading figure in housing and planning and joins UniSA with 30 years of experience in senior roles in executive management, governance and policy development.

Prof Lennon, who is also the Deputy Chair of the Federal Government's Interim National Housing Supply and Affordability Council, has provided

high-level counsel to governments across all tiers, regularly leading or providing input to a wide range of inquiries and advisory bodies.

His expertise comes at a time when millions of families are experiencing mortgage stress, spiralling household expenses and a diminishing supply of vacant rental properties.

"Australia has a long-term structural challenge with housing costs and affordability. During and post pandemic this has worsened," Prof Lennon says. "Home ownership rates have been falling for more than a decade, fastest among young to middle-aged cohorts. Social housing has been static or in decline. Almost a third of Australians now call the private rental market home, with rental costs escalating way beyond inflation."





Professor Anthony Elliott (left) and Professor Sharad Kumar were named Bradley Distinguished Professors.

UniSA appointed internationally recognised researcher Professor David Waugh as its inaugural Pro Vice Chancellor for Health and Medical Research and Engagement.

## Prominent researchers named Bradley Distinguished Professors

Two UniSA academics were made Bradley Distinguished Professors in 2023. Professor Anthony Elliott and Professor Sharad Kumar were awarded the title, which is named in honour of former Vice Chancellor Emeritus Professor Denise Bradley.

The appointment acknowledges the outstanding achievements of preeminent academic staff in research and creative activity, education, leadership and engagement. In announcing the Distinguished Professors, Vice Chancellor Professor David Lloyd extended his congratulations to the recipients.

"Our newest Bradley Distinguished Professors have been recognised in this way for their exceptional contribution to UniSA and the wider community," Prof Lloyd says. "I congratulate them on their significant achievement and wish them continued success for the future."

Professor Sharad Kumar is Chair of Cancer Biology and Research Professor

of Cell Biology at UniSA's Centre for Cancer Biology, which is housed in the Bradley Building. Professor Anthony Elliott is UniSA's Dean: External Engagement and Executive Director: Jean Monnet Centre of Excellence and Network.

## New UniSA PVC to accelerate health and medical successes

UniSA appointed internationally recognised researcher Professor David Waugh as its inaugural Pro Vice Chancellor for Health and Medical Research and Engagement in 2023. UniSA is a leader in research partnerships for better health outcomes for individuals and communities. The appointment builds upon those successes and signals the further commitment of the University to accelerating positive community health outcomes.

Prof Waugh comes to UniSA from the Queensland University of Technology, where he has been Head of School, Biomedical Sciences, and Professor of Molecular Oncology and Therapeutics

since 2018. Before that, he was the director of the Centre for Cancer Research and Cell Biology at Queen's University Belfast, where he remains an honorary professor.

Deputy Vice Chancellor: Research and Enterprise Professor Marnie Hughes-Warrington AO says Prof Waugh will also be a researcher in the University's key health and medical alliance, the Centre for Cancer Biology.

"Prof Waugh brings the strategic and collaborative skills to help us further accelerate successes in the South Australian health and medical research ecosystem," Prof Hughes-Warrington says. "We look forward to working with Prof Waugh and our community and industry partners to drive health innovation, improve patient care and expand the knowledge-based economy in SA and beyond."

## Visiting Research Fellows

In 2023, UniSA's Visiting Research Fellows program welcomed 29 fellows from countries including Scotland, USA, Canada, UK, Ireland, Belgium, Austria and Australia. The program welcomed researchers across all seven of UniSA's Academic Units.

Following a successful engagement with the program, one Visiting Research Fellow, Dr Debra Dank, was appointed as a UniSA Enterprise Fellow.

Dr Dank is a Gudanji/Wakaja woman from the Barkly Tablelands in the Northern Territory and an expert in Aboriginal storytelling. She says traditional storytelling must be preserved to ensure the meanings of Aboriginal history and perspectives aren't lost.

During her fellowship at UniSA, Dr Dank presented an event based on her book, *We Come With This Place*, at the Bob Hawke Prime Ministerial Centre. The event explored how traditional stories begun "long before paper and words learned to yarn together".

Dr Dank's memoir of family, community and Country highlights how the English language fails to fully capture the essence of the more than 250 First Nation languages that were once spoken in pre-colonial Australia.

"Every opportunity to maintain stories and Aboriginal narratives must be taken because they form a critically important history of this place," Dr Dank says.

"Our languages have grown, lived, existed, and evolved here for thousands of years. English has arrived in the very recent past. So, Aboriginal people are now required to engage with a standard Australian English which exists in a whole range of different forms.

"We must be cognisant of the breadth of standard Australian English and the complexity around its capacity to articulate Aboriginal lived experience, knowledge and ways."

The full list of Visiting Research Fellows for 2023 is:

- Professor James Batchelor, CMAX Visiting Research Fellowship
- Gerald (Gerry) Turpin, Pembroke School Visiting Research Fellowship
- Dr Véronique Richard, South Australian Sports Institute Visiting Research Fellowship
- Professor Robert W. Lindeman, Nova Systems Visiting Research Fellowship
- Susan Cox-Smith, SA Water Visiting Research Fellowship
- Scott Smith, SA Water Visiting Research Fellowship
- Professor Christine Edwards-Groves, Irwin Ermidis Visiting Research Fellowship
- Professor Lara Boyd, The Hospital Research Foundation Visiting Research Fellowship
- Dr Kirk Erickson, The Hospital Research Foundation Visiting Research Fellowship
- Professor Roianne West, Lions Medical Research Foundation Visiting Research Fellowship
- Dr Jan Hare, SAPPa and SASPA Visiting Research Fellowship
- Dr Julie Gough, Pembroke School Visiting Research Fellowship
- Dr Tony McElligott, Julie Brownell Visiting Research Fellowship
- Dr Debra Dank, Pirku murititya UniSA Visiting Research Fellowship
- Professor Hanspeter Schaub, SmartSat CRC Visiting Research Fellowship
- Dr Denise Chapman, Mem Fox Visiting Fellowships in Children's Literature, supported by ALEA Visiting Research Fellowship
- Professor Rupert Wimmer, Green Triangle Forest Industries Hub Visiting Research Fellowship
- Professor Chris Pepper, Julie Brownell Visiting Research Fellowship
- Associate Professor Judy Duchscher, Australian Nursing & Midwifery Federation SA & SA Health – Nursing & Midwifery Office Visiting Research Fellowship
- Professor Amber Mosewich, South Australian Sport Institute Visiting Research Fellowship
- Professor Ravi Thiara, Fay Fuller Foundation Visiting Research Fellowship
- Professor Salih Tamer Cavusgil, Seeley International Visiting Research Fellowship
- Brye Marshall, Pembroke School Visiting Research Fellowship
- Laureate Professor Jenny Gore, Irwin Ermidis Visiting Research Fellowship
- Professor Enola Proctor, The Hospital Research Foundation Visiting Research Fellowship
- Professor Sebastien Chastin, The Hospital Research Foundation Visiting Research Fellowship
- Professor Christophe Stove, The Hospital Research Foundation Visiting Research Fellowship
- Professor My Mahoney, Lions Medical Research Foundation Visiting Research Fellowship
- Professor Barbara Fawcett, Fay Fuller Foundation Visiting Research Fellowship



## Australian Council of Graduate Research Excellence Awards

UniSA was nationally recognised for its innovation in HDR training in research and transferrable skills at the 2023 Australian Council of Graduate Research (ACGR) Excellence Awards. Led by Charlotte Ferrier, the team representing UniSAEDGE (Enhancement of Doctoral Graduate Employability) won the ACGR Award for Excellence in Graduate Research Programs and Support 2023.

Dean of Graduate Studies Professor Sandra Orgeig congratulated all those involved in EDGE's success, but particularly Charlotte Ferrier, Claire Jackson, Professor Pat Buckley, Professor Susan Hillier and the broader Graduate Research Development team in the UniSA Research Office.

"UniSA's excellence in research degree supervision and leadership has been previously acknowledged in the annual awards, but this is the first time the role of skills development has been recognised for its contribution to a high-quality environment for HDR students and staff," she says.



*Indigenous education leader and humanist, Professor Lester-Irabinna Rigney AM, has been inducted as an inaugural Fellow of the Australian Academy of Humanities.*

## Highest humanities honour for education leader

Indigenous education leader and humanist, Professor Lester-Irabinna Rigney AM, was inducted as an inaugural Fellow of the Australian Academy of Humanities in the newly established Indigenous Studies section in 2023. The Fellowship is the highest honour within the humanities,



*Dr Daniel Harvie and Dr Xanthe Strudwick were South Australian 2023 Young Tall Poppy finalists, with Dr Harvie named SA Tall Poppy of the Year for his research using virtual reality to treat chronic pain.*

recognising remarkable achievement in and contribution to the humanities in Australia.

Prof Rigney is one of Australia's most esteemed professors of education research. A descendant of the Narungga, Kaurna and Ngarrindjeri Peoples of South Australia, he is an international expert on Australian Culturally Responsive Schooling and advocate for children's educational equality and reform.

## Academy of the Social Sciences Fellowship

Director of UniSA's Psychosocial Safety Climate Global Observatory, Centre for Workplace Excellence, Professor Maureen Dollard, has been appointed a Fellow of the Academy of the Social Sciences in recognition of her extensive contributions towards workplace psychological health.

The Academy is the peak body of social sciences in Australia and honours the country's most distinguished researchers.

Professor Dollard is an internationally renowned expert on workplace mental health and is the founder of the Australian Workplace Barometer, a national survey of Australian workplace

conditions. In addition, she is the creator of the StressCafé and the Psychosocial Safety Climate theory, which has revolutionised how work stress is viewed.

## Tall Poppies of Science Awards

UniSA clinical pain scientist Dr Daniel Harvie was named the South Australian 2023 Young Tall Poppy of the Year for his research mixing brain science and virtual reality to solve the health issue of persistent pain. Dr Harvie is working with colleagues using virtual reality (VR) to explore how superhero-like avatars can help people manage chronic and persistent pain.

The Young Tall Poppy Science Awards, an initiative of the Australian Institute of Policy and Science, aim to recognise excellence in research as well as enthusiasm for communicating science beyond the walls of the laboratory.

UniSA regenerative medicine researcher Dr Xanthe Strudwick was also recognised as an SA Young Tall Poppy finalist. Dr Strudwick is working with a team of researchers at UniSA's Future Industries Institute to investigate why some wounds don't heal and why others that do heal form deep scars.



### Women in Innovation Awards

The Women in Innovation Awards recognise South Australian women contributing to the state's innovation economy. At the 2023 Women in Innovation Awards, UniSA won six of the 12 categories. The UniSA winners were:

**Dr Mel McDowall** won the Technology category for her work as the director of an innovative network that uses artificial intelligence to support Australia's defence capabilities.

**Associate Professor Caroline Tiddy** won the Maths and Data category for her work leading research that is making it more environmentally friendly to find mineral deposits.

**Dr Farzana Kastury** won the Rural, Regional & Remote category for her work developing an innovative way to reduce childhood lead exposure.

**Franke Agenbag** won the Innovation in Government category for her work with Defence, Science & Technology Group developing an optic sensor system to monitor a satellite while it is in orbit.

**Professor Michelle Tuckey** won the Open category for her work developing a digital platform that is reducing workplace bullying at major Australian organisations by as much as 46%.

**Ishika Mahajan** won the Young Innovator category for research that is seeking innovative therapeutic solutions for one of the most lethal brain cancers, glioblastoma.

### SA Science Excellence and Innovation Awards

Dr Hayley Leake won the PhD Research Excellence Award at the 2023 SA Science Excellence and Innovation Awards, which recognise the outstanding work of South Australia's science, technology, engineering, mathematics and medicine (STEMM) leaders.

Dr Leake's PhD focused on optimising the treatment of chronic pain among teenagers by integrating pain science education. A scientist and physiotherapist, Dr Leake is dedicated to improving the management of chronic pain in adolescence. With up to a third of teenagers experiencing chronic pain that extends into adulthood, this is an issue that has significant health and economic costs.

### Australian Good Design Award

UniSA PhD student Aprille Chua Jia Qi won the 2023 Australian Good Design Award in the design research category.

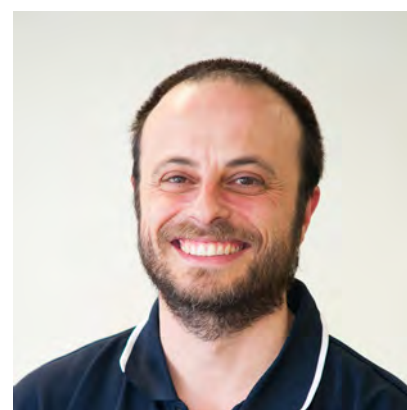
In its 65th year, the Australian Good Design Awards showcase cutting-edge design projects from around the world. Aprille took the top gong for her PhD design project using augmented graphics for healthcare workspaces.

The project involved embedding engaging and informative messages for healthcare staff into hospitals and clinics using a combination of augmented reality (AR) technology and environmental graphics to support workplace wellbeing.

### SDR Scientific Education Award

UniSA Associate Professor of Biochemistry and Immunology Education Maurizio Costabile was the winner of the Australian Society for Biochemistry and Molecular Biology's 2023 SDR Scientific Education Award, which recognises outstanding achievement in education in biochemistry or molecular biology.

Assoc Prof Costabile's teaching and innovations have won multiple local, national and international awards, including a 2022 UniSA Citation for Outstanding Contributions to Student Learning and the 2021 Cheers-Buchan Education Award from the Australian and New Zealand Society for Immunology.



*Associate Professor Maurizio Costabile was the winner of the Australian Society for Biochemistry and Molecular Biology's 2023 SDR Scientific Education Award.*



## UniSA Bachelor of Digital Business recognised by AACSB International

UniSA's partnership with global professional services company Accenture to create an online Bachelor of Digital Business, providing high-level business and digital skills, was recognised in 2023 as one of AACSB International's "Innovations That Inspire".

The annual initiative spotlights global institutions that demonstrate leadership in redefining business education, creating value for students, businesses and society. UniSA Provost and Chief Academic Officer Professor Joanne Cys says the University is "proud to have been recognised for our creative approach to providing an unparalleled learning experience with maximum impact".

## UniSA Research Fellow named SA NAIDOC Person of the Year 2023

UniSA Research Fellow and award-winning author Dr Jared Thomas was named one of the South Australian NAIDOC Persons of the Year 2023. Presented by SA Premier Peter Malinauskas, the 2023 Premier's NAIDOC Awards celebrate the achievements of Aboriginal South Australians who have made extraordinary differences to people's lives.

Dr Thomas, a Nukunu man from the Southern Flinders Ranges, has produced international award-winning young adult fiction titles including *Calypso Summer*, *Songs that Sound like Blood* and the *Game Day* series co-authored with NBA and Olympian basketballer Patty Mills.



Dr Zachary Anesbury was also recognised by ANZMAC, named as their Emerging Marketing Researcher of the Year.

## Ehrenberg Bass recognised with numerous awards

As the world's largest centre for marketing research, UniSA's Ehrenberg Bass had a number of researchers recognised for their work in 2023.

Dr John Williams, Dr Nicole Hartnett and Associate Professor Giang Trinh's paper 'Finding Creative Drivers of Advertising Effectiveness with Modern Data Analysis' won the Market Research Society Award for the best paper published by the *International Journal of Market Research*.

Professor Rachel Kennedy was recognised as one of Adland's 10 best of the best scientists, while Professor John Dawes' paper, 'Net Promoter and Revenue Growth: An Examination Across Three Industries' was awarded an ANZMAC Australasian Marketing Journal Industry Relevance Award. Dr Zachary Anesbury was also recognised by ANZMAC, named as their Emerging Marketing Researcher of the Year.

Dr Lara Stocchi, Dr Naser Pourazad, Professor Nina Michaelidou, Dr Arry Tanusondjaja and Dr Paul Harrigan's paper, 'Marketing research on Mobile apps: past, present and future' was a *Journal of the Academy of Marketing Science* finalist for the Steth Foundation Best Paper Award.

## Green Triangle Timber Industry Awards

The head of forest research at UniSA, Dr Jim O'Hehir, was named a "Timber Legend" at the Green Triangle Timber Industry Awards, which recognise standout contributors in one of Australia's major forestry regions, the Green Triangle spanning the border between Victoria and South Australia.

Dr O'Hehir, who is General Manager: Forest Research at UniSA's Forest Research Hub in Mount Gambier, was presented the Timber Legend Award for his exceptional dedication to the sector.

## Chief Defence Scientist commends UniSA aerospace engineer

Australia's Chief Defence Scientist has presented a Defence Commendation to Professor Javaan Chahl, DSTG Joint Chair of Sensor Systems at UniSA. The commendation from Professor Tanya Monro AC acknowledges Professor Chahl's "valued, enduring partnership" with DSTG, particularly his work relating to unmanned aerial systems.

"In this domain, his deep understanding across a wide range of sensor, effector and aircraft technologies and his understanding of the art of the possible has grounded DSTG analysis in reality and has supported feasible options," Prof Monro says.

## Nursing and midwifery research recognised

Clinical Professor of Midwifery at UniSA Jenny Fereday was recognised for her significant contribution to nursing and midwifery research at the 2023 SA Nursing and Midwifery Excellence Awards.

Professor Fereday won the Excellence in Research and Knowledge Translation Award for her contribution to research. Prof Fereday has undertaken collaborative research with nurses, midwives and medical officers to improve the uptake of immunisations, build self-compassion for nurses and midwives, and shaped models of care and clinical services in midwifery, paediatrics, and community nursing.



UniSA Alumni Awards: (clockwise from top left): Professor Marnie Hughes-Warrington with Henrietta Marrie AM; Marrie, Arman Abrahamzadeh OAM and Elaine Bensted; Abrahamzadeh.

## David Roget Award for Excellence

UniSA's Dr Jack Desbiolles was awarded the prestigious 2023 David Roget Award for Excellence. Nominated by colleagues and peers in the farming community, the award acknowledges Dr Desbiolles' broad and ongoing contribution to improving environmental, economic and social sustainability of dryland farming production systems both across the Mallee and further afield.

It recognises Dr Desbiolles' long-standing sustainable soil amelioration practices, including no-till soil practices, a deep-slotting point with back-swept shallow wings, bent leg openers, the high work rate plough, and more recently, the use of strip amelioration to reduce erosion risk and seed priming for improved dry seeding outcomes.

## Alumni Awards

UniSA's Alumni Award winners are announced each year at a gala dinner, which took place at the University's Pridham Hall on 28 October.

In 2023, awards were presented to:

**Henrietta Marrie AM**, a Yidinji and Gunggandji Elder, who was the first Aboriginal Australian to be appointed to a United Nations (UN) agency, where she advocated for more than a billion First Nations people around the world, and made recommendations that were cemented into UN guidelines. Her other achievements include overseeing the distribution of \$35 million to sustain Aboriginal biocultural diversity across northern Australia, while working in the not-for-profit sector.

**Arman Abrahamzadeh OAM**, who was recognised for outstanding achievements as an advocate for

gender equality and domestic violence prevention, and community leadership including his role as a Councillor at the City of Adelaide.

**Robert Hill-Smith**, who was recognised for his contributions over many years to the wine industry, including his current position as chair of Hill-Smith Family Estates, and past and present roles on the boards of many community and wine industry organisations.

**Elaine Bensted**, who is the chief executive of Zoos South Australia. She was recognised for her extensive achievements in senior leadership, including previous roles in banking and as chief executive of TAFE SA, and board membership of The Australian Rhino Project and Regional Development Australia - Murraylands and Riverland.



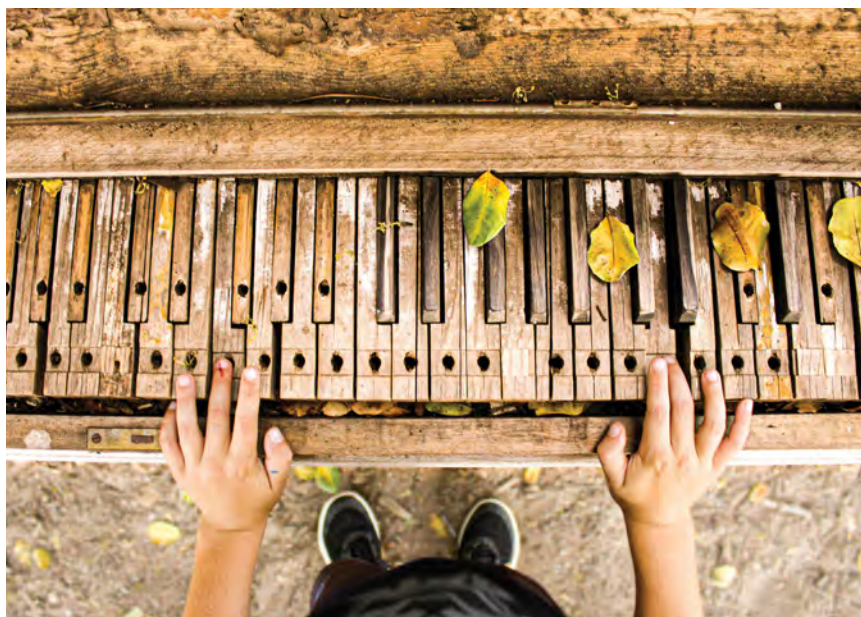
## Images of Research & Teaching

The University of South Australia's Images of Research & Teaching Competition celebrates the breadth and diversity of our innovation, and the people who make it happen. The winners for 2023 were:

Research category: *Beyond the Horizon of a Nano-World* by Dr Paul Joyce, Research Fellow, UniSA Clinical & Health Sciences

Teaching category: *Imagination: the loudest instrument in the room* by Ashley Thiele, Bachelor of Primary Education (Honours), UniSA Education Futures

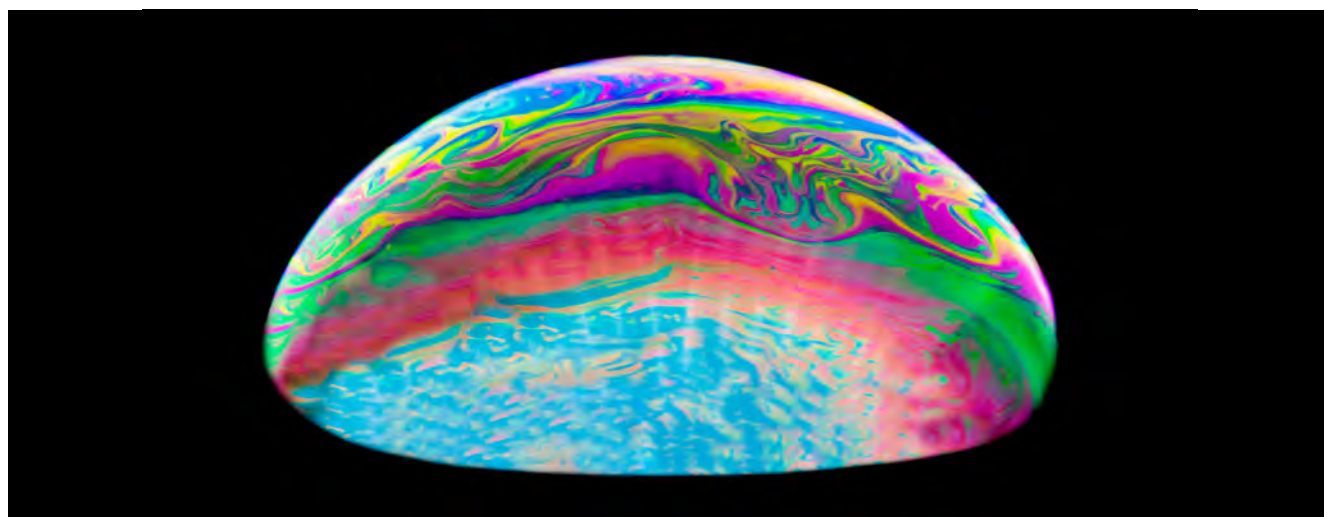
People's Choice: *Next Gen Bean Counters* by Dr Mei Lim, Senior Lecturer, UniSA Business



*Imagination: the loudest instrument in the room* by Ashley Thiele, Bachelor of Primary Education (Honours), UniSA Education Futures.



*Next Gen Bean Counters* by Dr Mei Lim, Senior Lecturer, UniSA Business.



*Beyond the Horizon of a Nano-World* by Dr Paul Joyce, Research Fellow, UniSA Clinical & Health Sciences.

## The Unstoppable Awards

Launching in 2023, a new University-wide Unstoppable Awards scheme recognises and celebrates the remarkable accomplishments of our staff. This new scheme encompasses the existing Research and Enterprise Awards and the newly established Teaching and Learning Awards and Enterprising Staff Awards.

### Unstoppable Teaching and Learning Awards

- Unstoppable Early-Career Teaching Award: Ms Kassie Whitworth
- Unstoppable Mid-Career Teaching Award: Dr Susannah Emery
- Unstoppable Senior-Career Teaching Award: Dr Kirsten Staff
- Unstoppable Teaching Support Award: Mrs Sarah Plunkett, Ms Margaret Hunt, Mrs Janelle Donald, Ms Aleesa Clough, Ms Keryn Dalby and Miss Kate Long (team)
- Unstoppable Enhanced Learning Award: Dr Claire Aitchison, Dr David Birbeck, Dr Shashi Nallaya, Ms Hayley Timms, Mr Stuart Deer, Ms Pramila Rathore and Dr Corinne Green (team)
- Unstoppable Innovation Award: Ms Charlotte Rose, Tracey Johnson, Mr Chris Jackson, Mr Declan Wall, Mr Shane McCarthy and Mr Greg Stewart (team)
- Unstoppable Partnership Award: Allison Roderick, Mr Glenn McMahon, Mrs Brianne Brunner, Ms Annabel Axford, Mr Clinton Fildes, Dr Kate Rhodes, Dr Kathy Hill, Mrs Kirsty Baker, Miss Terry Friebe, Ms Viv Leigh, Mrs Yvonne Dawson, Verity Pearson-Dennett – SA Health, Alexandra Totani – SA Health and Gina Makris – SA Health (team)

### Unstoppable Research & Enterprise Awards

- Higher Degree Researcher: Dr Ty Ferguson and Stephanie MacWilliams
- Early-Career Researcher: Dr Hunter Bennett
- Mid-Career Researcher: Dr Dot Dumuid
- Senior-Career Researcher: Professor Ryszard Kowalczyk
- Research Degree Supervisor of the Year: Professor Sanjay Garg
- Professional Excellence Up to HEO Level 7: Emily Williams
- Professional Excellence HEO Level 8 and above: Vanessa Eley and Lexie Scott-Glenn
- Team Award Category (One Team): Enterprise Partnership Unit
- Human Research Ethics Award: Lucy Andrew
- Chemical and Radiation Safety Award: Dr Anson Chau and Dr Steven McInnes
- Animal Ethics Award: Kiralee Janusaitis
- Biosafety Award: Weiwei Duan
- RLC Paper of the Year: *Philanthropic Gift and Fundraising Policy and Procedure* – Colin Taylor
- UniSA Top Media Performer 2023: Professor Carol Maher

### Unstoppable Enterprising Staff Awards

- Enterprise Engagement and Partnering: UniSA Business Work Integrated Learning Enterprising Student to Industry Engagement Team
- Enterprising Culture: Kate Schkabaryn
- Equity, Diversity and Inclusion: Dr Susannah Emery
- One Team Achievement: The Enterprise Partnerships Unit
- People First: Mrs Kelly McFarlane
- Service Excellence: The People Central Team





Prominent Aboriginal Australian leaders, Professor Tom Calma AO and Professor Dr Marcia Langton AO received Honorary Doctorates from UniSA in 2023.

## Welcoming three new Doctors of the University

Two prominent Aboriginal Australian leaders, Professor Tom Calma AO and Professor Dr Marcia Langton AO received Honorary Doctorates from UniSA in 2023 in recognition of their service to the community. Both leaders are major figures in Aboriginal rights and advocacy and co-authored the Indigenous Voice Co-design Report and co-chaired the Voice Co-design Senior Advisory Group.

Prof Dr Langton is a leading anthropologist, geographer and academic, and is a descendant of the Yiman and Bidjara nations of Queensland. Prof Dr Langton was a key contributor to the Royal Commission into *Aboriginal Deaths in Custody* (1989) and the *Native Title Act* (1993) and has held the Foundation Chair of Australian Indigenous Studies at the University of Melbourne, where she also serves as an Associate Provost.

Prof Calma is an Aboriginal human rights and social justice campaigner who, in 2023, was named senior Australian of the Year. He is of Kungarakan and Iwaidja heritage from the Darwin region.

Prof Calma is currently the Chancellor of the University of Canberra, a Professor at the University of Sydney and the National Coordinator for Tackling Indigenous Smoking. He also served as Race Discrimination Commissioner from 2004 to 2009 and Aboriginal and Torres Strait Islander Social Justice Commissioner from 2004 to 2010.

UniSA Vice Chancellor Professor David Lloyd acknowledges that both leaders have spent decades as fierce advocates for progress and change in Australia and beyond.

"Our newest honorary doctors have worked tirelessly for the improvement and advancement of Aboriginal Peoples' rights and empowerment," Prof Lloyd says. "They continue to have a significant impact on public discourse and bring attention to the rights, responsibilities, and welfare of Aboriginal Peoples at community, state and international levels."

Former South Australian Governor and social justice advocate Hieu Van Le AC also received an Honorary Doctorate from UniSA in 2023, in recognition of his outstanding contributions to society.

Arriving in Australia as a refugee in 1977, Le was the first Asian-Australian to become Governor of South Australia, and the first Vietnamese-born person in the world to be appointed to a Vice-Regal position. Throughout his extensive public roles, including a seven-year tenure as Governor, Le has been unwavering in his commitment to promoting cultural diversity, the arts, business and education.

Professor Lloyd says he is honoured to welcome such an accomplished agent of change into the University community.

"Hieu's achievements, from fostering greater appreciation of diversity and helping refugees establish new lives, to contributions in business, the arts and education, align with UniSA's commitments to social justice and laying the foundation for formidable careers," Prof Lloyd says.

## Honorary titles for outstanding contributions to UniSA

In 2023, UniSA recognised five academics with the title of Emeritus Professor and welcomed two new Fellows of the University. The new honorary titles were conferred on:

### Professor Barbara Comber – Emeritus Professor

Prof Barbara Comber is widely recognised for her outstanding work in education, making a global impact in literacy, teaching and social justice research over a 45-year career, including three decades at UniSA.

### Professor Michael Roberts – Emeritus Professor

Prof Michael Roberts is ranked in the top one per cent in the world in the field of pharmacology and toxicology, winning approximately \$40 million in research funding during his 50-year career.

### Professor Bruce Thomas – Emeritus Professor

Prof Thomas is an internationally recognised researcher of human-computer interactions, and was the founding Director of the Australian Research Centre for Interactive and Virtual Environments at UniSA.

### Professor Simon Beecham – Emeritus Professor

Prof Beecham is an expert in water engineering who joined UniSA as Director of the Centre for Water Management and Re-use and held significant positions including Pro Vice Chancellor.

### Professor Tim Olds – Emeritus Professor

Bradley Distinguished Professor Tim Olds is an expert in behavioural epidemiology and is internationally recognised for his research on the evolution of fitness and health impacts of people's use of time.

### Emeritus Professor Paul Hughes – Fellow of the University

Emeritus Professor Paul Hughes AM is a Yankunytjatjara, Narungga and Kurna man, a teacher, leader, policy maker, consultant and researcher who is widely recognised as one of Australia's foremost thinkers on Aboriginal education policy.

### Professor Peter Buckskin – Fellow of the University

Prof Peter Buckskin is a Narungga man from the Yorke Peninsula in South Australia, who has dedicated his life to the advancement of Aboriginal people through education.



*Emeritus Professor Barbara Comber,*



*Emeritus Professor Simon Beecham,*



*Professor Peter Buckskin,*





Ten UniSA projects received NHMRC Investigator and Ideas grants in 2023 including projects led by (clockwise from top left): Professor Elina Hyppönen; Professor Gillian Caughey; Professor Leanne Dibbens; Professor Hannah Keage; Dr Tessa Gargett; and Professor Natasha Harvey.

## Major grants for 2023

### National Health and Medical Research Council grants

National Health and Medical Research Council (NHMRC) Investigator and Ideas research grants were awarded to 10 UniSA projects in 2023, collectively valued at around \$15 million. The supported researchers are:

Professor Elina Hyppönen (\$2.9 million): Transforming nutritional epidemiology research: A fresh look on diet and brain health.

Professor Gillian Caughey (\$2.37 million): Harnessing real-world data to drive high quality care for Australia's aged care population.

Professor Natasha Harvey (\$1.6 million): Defining the genetic and developmental basis of human lymphatic vascular disease.

Dr Janette Kazenwadel (\$662,040): Characterising haemogenic endothelial cell potential in the lymphatic vasculature.

Dr Gokhan Cildir (\$822,458): Elucidating the function of a novel regulator of IgE-mediated mast cell activation and chronic spontaneous urticaria development.

Dr Tessa Gargett (\$114 million): Micro-targeting IL-2 delivery to remodel the glioblastoma microenvironment.

Professor Hannah Keage (\$1.22 million): Predicting delirium vulnerability from pre-surgery neurophysiological measures.

Professor Leanne Dibbens (\$1.37 million): Identifying new and personalised treatments for KCNT1 neurological disorders using pharmacogenetics.

Dr Sophie Wiszniak (\$724,147): Neural crest cells as modulators of Wnt signalling in heart development and congenital cardiac outflow tract defects.

Dr Guillermo Gomez (\$2.12 million): Harnessing an unexpected new role of the CD47:SIRPA axis to target glioblastoma invasion.

## Medical Research Future Fund grants

Five UniSA researchers were awarded grants worth around \$5 million under the Federal Government's Medical Research Future Fund (MRFF) in 2023. The recipients were:

Dr Janet Sluggett (\$1.5 million): To establish the PHARMA-Care quality monitoring program to help pharmacists to improve medication use in residential aged care facilities.

Prof Lorimer Moseley (\$1.4 million): To test the safety, clinical efficacy and cost-effectiveness of ReconNECKt, a new treatment for chronic neck pain.

Prof Benjamin Thierry (\$1.2 million): To undertake the First-in-Human feasibility and safety trial of a theranostic agent for image-guided treatment and radio sensitisation of advanced pancreatic cancer.

Dr Ashleigh Smith (\$588,352): To improve personalised therapies and outcomes for people experiencing dementia.

Mr Michael Watkins (\$550,745): To evaluate a co-designed bush foods garden and program of activities in a school setting to examine its feasibility and impact on social and emotional well-being and cultural connectedness for Aboriginal children and young adolescents.

## ARC Discovery and Linkage grants

Eleven UniSA research teams received Australian Research Council (ARC) Discovery Projects, Linkage Projects and Linkage Infrastructure, Equipment and Facilities grants worth over \$4 million in 2023. The supported projects are:

Professor Haolan Xu (\$537,717): Multi-energy driven photothermal evaporators for all-weather desalination.

Professor Maarten De Laat (\$467,827): Equipping Australian teachers today to face AI tomorrow.

Dr Jessica White (\$212,611): Finding Australia's Disabled Authors: Connection, Creativity, Community.

Professor Natasha Harvey (\$947,849): Defining how cells relay mechanical signals to changes in cell architecture.

Bradley Distinguished Professor Sharad Kumar (\$658,402): New mechanisms regulating the biogenesis of extracellular vesicles.

Professor Janna Morrison (\$575,713): Size matters, but at what cost? Role of male sex hormones in the placenta.

Professor Jun Ma (\$395,773): Flame-retarding and mechanically resilient elastomer composites.

Professor Clive Prestidge (\$467,108): Engineering hybrid materials with functional bioactivity in the GI tract.

Dr Susan Semple, Dr Permal Deo and Dr Bradley Simpson (\$380,833): Exploring the processes needed for Aboriginal-led product development from the traditionally used Uncha plant (*Dodonaea polyandra*).

Professor Ian O'Boyle (\$557,080): Social impact and connection outcomes associated with community sport.

Associate Professor Anton Blencowe (\$530,721): State-of-the-art atomic force microscopy facilities for South Australia.

## ARC Discovery Early Career Researcher Award, Industry Fellowships and Future Fellowships

Three UniSA researchers were collectively awarded more than \$1.2 million in 2023 through Australian Research Council Discovery Early Career Researcher Awards (DECRA). Two other UniSA researchers were awarded ARC Future Fellowships (\$1.8 million), while UniSA was also awarded one of the inaugural Early Career Industry Fellowships. The recipients are:

Dr Tanveer Adyel (\$460,573): For a world-first project investigating microplastic accumulation in Australian coastal wetlands.

Dr Yue Liu (\$429,347): To develop carbon-negative concrete using industrial waste such as concrete powder and water treatment sludge.

Dr Alex Tam (\$389,670): To develop mathematical models to aid actin scavenging and biofilm removal, two processes that when combined can alleviate tissue damage and inflammation.

Dr Mitchell Goldsworthy (\$984,854): To investigate the effects of age-related neural noise on brain connectivity, cognitive performance and reserve.

Dr Matthew Griffith (\$843,325): To combine innovations in organic conductors, nanotechnology, 3D biofabrication and neuroengineering to develop a bioelectronic system capable of wireless neuromodulation with unprecedented stability and precision.

Dr Seung Ho Lee (\$465,237): To develop and commercialize cost-effective, rapid-response thermal batteries to meet the air conditioning peak demand of buildings.





### New Colombo Plan Scholarships

Four high achieving UniSA students were awarded prestigious New Colombo Plan (NCP) Scholarships in 2023. This year's UniSA NCP cohort is unique in that all four are UniSA Online students.

Morgan Budgeon, a Kabi Kabi man, is a Bachelor of Construction Management student. He will undertake a semester of study at Universiti Malaya in Kuala Lumpur and an internship at an industry-leading multinational construction or mining firm.



Gabriele Raine Baljak is a Bachelor of Health Science (Nutrition and Exercise) student who will undertake a full semester at National Taiwan University, renowned for its distinguished contribution to global biomedical advancements.

Melissa Ellen is a Bachelor of Psychology student who will visit the Behavioural Psychology department at Chulalongkorn University and complete an internship at The Dawn Rehabilitation Centre, an international leader in addiction treatment.



Sarah Stone is a Bachelor of Health Science student who will study a semester at Taylor's University in Malaysia to further her understanding of how health is implemented in an international environment.

### Helpmann Academy awards

The 2023 Helpmann Academy Graduate Exhibition Awards showcased the work of graduates from UniSA and Flinders University, and of the 16 awards presented, 10 were won by UniSA graduates. The UniSA award recipients were:

David Baker Innovation Award: Rebecca Alderson (Bachelor of Contemporary Art)

SALA Award: Crista Bradshaw (Bachelor of Contemporary Art)

Helpmann Academy/ACE Studio Program Award, and City of Adelaide Award: Teresa Busuttill (Bachelor of Contemporary Art)

David Hayden Professional Development Award: Marelize de Klerk (Bachelor of Contemporary Art)



City Rural Insurance/Helpmann Development Award: Stephanie Doddridge (Bachelor of Contemporary Art, Bachelor of Creative Arts (Honours))

Jaquillard Exhibition Award: Lili Harrison (Bachelor of Contemporary Art)

The Helpmann Academy/University of South Australia Postgraduate Award joint recipient: Jessica Murtagh (Master of Design (Contemporary Art))

The Helpmann Academy/University of South Australia Postgraduate Award joint recipient: Carrie Radzevicius (Master of Design (Contemporary Art))

Helpmann Major Exhibition Award, and Commonwealth Private Undergraduate Award for Excellence: Jayda Wilson (Bachelor of Contemporary Art)

### Playford Trust Scholarships

Seven UniSA students were awarded Playford Trust Scholarships in 2023. The scholarships support students working in areas of strategic importance to the state. The UniSA recipients for 2023 were:

Bachelor of Information Technology student Bhavya Guptda, who aspires to work in the space industry.

Bachelor of Construction Management (Honours) student Francesco Freda, whose research project is investigating the effects that Smart City attributes.

Bachelor of Engineering (Honours) (Electrical and Electronic) Angus Randell, whose Honours project seeks to develop remote vehicle diagnostics for electric buses designed in Adelaide.

Bachelor of Engineering (Honours) (Mechanical and Advanced Manufacturing) student Keigan Williams, who is helping industry implement better design techniques to increase production.

Bachelor of Applied Science (Honours) student Callie Wood, whose Honours project involves monitoring the lightbulb sea squirt, an invasive organism likely to impact aquaculture in SA.

Doctor of Philosophy (Mechanical Engineering) student David Willmore, who wants to see hydrogen become a more viable renewable energy source.

Four high achieving UniSA students were awarded prestigious New Colombo Plan (NCP) Scholarships in 2023.



UniSA graduates won a total of 10 awards at the 2023 Helpmann Academy Graduate Exhibition Awards.

Doctor of Philosophy (Environmental Science and Remote Sensing) student Donna Fitzgerald, who is expanding on her Honours research into dieback in red stringybark trees using remote sensing.

### Research to support refugee students recognised as most outstanding thesis

A UniSA PhD candidate's work to identify the best ways to support students from refugee backgrounds to resettle in Australia, has been recognised as the University's most outstanding research thesis for 2023, winning the Ian Davey Research Thesis Prize.

Dr Emily Miller's PhD research investigated the experiences of South Australian high school students from refugee backgrounds. Her research has positively impacted communities and individuals at the local level and has influenced state, federal, and international policymaking.

"As a resettlement country, Australia has an obligation to support positive settlement outcomes, including

through inclusive and responsive educational practice," she says.

### UniSA's bright minds shine at the 2023 Merdeka Awards

Two UniSA students have been recognised for their exceptional achievements as part of awards for outstanding international students from Malaysia, the 2023 Merdeka Awards.

Melanie Lim, originally from Penang in Malaysia, won the top honour, the Sir Eric Neal Award. Melanie is studying a Bachelor of Laboratory Medicine (Honours) at UniSA and has extensively researched therapies for melanoma skin cancer and glioblastoma brain cancer as a Vacation Research Scholar at the Centre for Cancer Biology.

Ryan Hsu from Kuching, Sarawak, secured third place, thanks to his unique perspectives and achievements in the field of psychology. Ryan is studying a Bachelor of Psychology (Honours) and is developing a virtual reality de-escalation training tool for his honours thesis.

### Five PhD students win biomanufacturing industry scholarships

Five UniSA PhD students won State Government scholarships in 2023 to partner with local industries to help drive research into biomanufacturing.

UniSA Clinical and Health Sciences candidates Thabata Muta, Zifan (Owen) Xiang, Janik Seidel, Nurahmed Getaw and Abdulafeez Akinloye will spend the next four years working on projects to develop drugs for a range of conditions, including better delivery of medicinal cannabis, combating antimicrobial resistance, and improving the safety of biopharmaceutical products.

MTPConnect, the national industry growth centre for medical technologies, biotechnology and pharmaceuticals, is delivering the PhD+ program.





UniSA Business student Kathryn Anderson was the 2023 winner of UniSA's 3MT.



Rachel Lever, from UniSA Education Futures, was runner up in 2023's 3MT.



Sindhrani Dars from UniSA Allied Health and Human Performance was the People's Choice winner.

## UniSA's 2023 3MT® winners

Business student Kathryn Anderson was the 2023 winner of the UniSA Three Minute Thesis (3MT®). Anderson won a \$3000 research grant for her inspiring talk, titled: Does place matter for entrepreneurship and innovation? For her PhD, Anderson reviewed archival documents and interviewed entrepreneurs, CEOs and policy makers to deconstruct the secrets of success for innovation districts.

"Technology allows us to collaborate at distance, but there is a human side to entrepreneurship that needs a place. Simply putting the ingredients in place is not enough," Anderson says. "For innovation districts to really work, they must create layered opportunities to connect capabilities onsite, and connect strategies to economic priorities. They require ongoing facilitated effort – they are not set and forget."

Rachel Lever, from UniSA Education Futures, was runner up, receiving a \$1000 research grant for her presentation titled Harmful sexual behaviours displayed by children: Police responses and diversions. Lever, a police officer herself, quoted the startling statistic that children under 18 inflict the highest proportions of child sexual abuse.

The People's Choice prize, also a \$1000 research grant, was awarded to Sindhrani Dars from UniSA Allied Health and Human Performance, for her presentation titled: Step it up – how people use podiatry services after chemotherapy. Dars is investigating podiatry interventions in treating the debilitating neuropathy that often follows cancer treatment.

The 3MT® is an international competition celebrating research undertaken by PhD candidates. Competitors must present their research using non-technical language, with just one slide, in just three minutes.

## New scholarships

Each year over 2500 students are supported by UniSA scholarships and grants. In 2023, UniSA introduced 13 new donor-funded scholarships and 10 new donor-funded student grant schemes. Scholarships offered for the first time in 2023 were:

### **Ian Berriman Memorial Architecture Scholarship**

Available to Bachelor of Architectural Studies students, this \$50,000 scholarship supports a student through the entirety of their architecture studies, leading to future registration as an architect.

### **Codan Undergraduate STEM Scholarship for Women**

Available to second-year female students in eligible UniSA STEM programs, this scholarship encourages talented female students who wish to pursue engineering or information technology.

### **National Pharmacies Aboriginal Student Community Pharmacy Placement Scholarship**

Available to second-year Aboriginal students enrolled in a Bachelor of Pharmacy (Honours) with an interest in community pharmacy.

### **National Pharmacies Community Regional Placement Scholarship**

Available to high-achieving second-year students enrolled in a Bachelor of Pharmacy (Honours) with an interest in community pharmacy.

### **Ruth Grant Refugee Scholarship and Patricia Trott Refugee Scholarship**

Both these scholarships are available to people from a refugee background enrolled in an Allied Health and Human Performance or Clinical and Health Sciences program at UniSA.

### **Omni Executive Defence Scholarship**

Supports students within UniSA STEM or UniSA Business registered with the Veterans' Engagement and Education Program (VEEP) or with a strong interest in a career in the defence industry.

### **Alkira Burrows Scholarship**

Available to students whose program requirements include undertaking a placement to gain professional experience and who have an interest in a rural or remote location career.

### **Rainy Day Recruitment Aboriginal Scholarship**

Available to Aboriginal students from one of 16 study areas, with a preference for Accounting and Finance, Architecture, Defence, Engineering, Environment Science and Information Technology.

### **CEA Technologies Engineering Scholarship**

Available to second-year mechanical engineering students, this scholarship includes the opportunity for recipients to undertake paid work experience at CEA Technologies.

### **Flaherty Family Scholarship for Refugee Women**

Available to a UniSA commencing undergraduate female student from a refugee background.

### **Glenn Family Accounting Scholarship**

Available to students from the northern areas of Adelaide enrolled in an accounting program at UniSA that fulfils accreditation requirements for Chartered Accountants Australia and New Zealand.

### **Margaret J Duncan Scholarship**

Available to full-time and part-time students enrolled in a UniSA Business undergraduate program, based on financial need or academic merit.

### **Korvest Mechanical Engineering and Advanced Manufacturing Scholarship**

Available to second-year students enrolled in an eligible UniSA STEM undergraduate program, this scholarship includes the opportunity of industry experience and a final-year project internship.



# Precincts and communities

**Creative  
Hub**



**CREATIVE HUB**

**Free  
Popcorn**

**SAVI  
STAG**  
at  
SASA Gallery  
FREE ENTRY  
ALL WELCOME





South Australia MUSEUM

University of South Australia School of Art Gallery

**SA's first architecture course**

Ed Meyers - Lisbon Exchange

JURE

Open Day

CS Catherine Helen Spence





# Enterprise Hub

## Opening of the new Enterprise Hub building, Yangadlitya Kumangka

The physical home of UniSA's new Enterprise Hub opened in 2023, following the successful launch of its online incarnation in 2022.

Located in the heritage-listed premises of 9-19 Light Square, the physical Enterprise Hub officially opened with a launch event on Thursday 23 March, attended by key industry partners and government stakeholders.

The launch event featured a Kaurna smoking ceremony and naming ceremony, during which the building was bestowed the Kaurna name, Yangadlitya Kumangka. The name translates to "for the future, together", and was derived by Kaurna language

group Kaurna Warra Karrpanthi, in conjunction with UniSA Adjunct Professor and Kaurna Elder, Uncle Lewis O'Brien.

"Our people worry about the future for their kids and grandkids," Uncle Lewis says. "It's important for our people to learn about their culture and for their language to be used as part of the knowledge base for future generations. Aboriginal language is a gift so that's the philosophy behind the name ... for the future, together, Yangadlitya Kumangka."

Reflecting that sentiment, the Enterprise Hub is designed to help the community thrive by connecting businesses and other organisations to UniSA's researchers and knowledge experts to help solve complex challenges and produce mutually beneficial outcomes for industry and society.

UniSA Deputy Vice Chancellor: Research and Enterprise, Professor Marnie Hughes-Warrington, says the Enterprise Hub is South Australia's 'front door' for industry to develop, and extend partnerships, with the University community.

"Industry professionals can come into the Hub with problems, projects and ideas, and our team will collaborate with them to produce cutting-edge solutions," Prof Hughes-Warrington says. "Our goal is to accelerate the strengthening and diversification of the South Australian economy, and to export SA innovations across Australia and the world."



The new Enterprise Hub building was bestowed the Kaurna name Yangadlitya Kumangka, meaning "for the future, together".



The re-build and refurbishment of the Light Square premises has transformed the iconic red brick building into a modern two-story hub, boasting workshop areas, laboratories, 3D printing facilities and co-working spaces.

UniSA currently collaborates with more than 6500 partners from industries including space, defence, manufacturing, agriculture, health and medicine. Enterprise Hub activities are managed by UniSA's Enterprise Partnerships Unit (EPU), and in 2023, major initiatives included:

- Close collaboration with The Defence Science Technology Group (DSTG). DSTG is a significant partner for UniSA, with the EPU's Defence and Space team managing several collaborations for DSTG, including:
  - Access to UniSA infrastructure and equipment
  - Engagement with students
  - Staff mobility and professional development
  - Adjunct position and a joint chair
  - Multiple research collaborations, including R&D projects
- In a project led by Partner Engagement Manager: Aboriginal Research, Sophie Murray, the EPU has supported First Nations business development through its Gold Sponsorship of The Circle First Nations Entrepreneur event.
- The EPU has worked with Forestry Research Mount Gambier, supporting \$45 million worth of funding applications.
- The EPU has supported Australia's sovereign capability in semiconductor technology, establishing a collaborative ecosystem of 15 companies working at the leading edge of this crucial field.
- The EPU is also supporting the development of three potential CRCs which are each aiming to submit bid applications in 2024.



UniSA's 2023 International Women's Day luncheon was the first official event in the Enterprise Hub, and featured guest speaker Professor Toni Erskine.





Is this the future  
of your body?

## MOD.

### MOD. launches new exhibition FLEX

MOD's 2023 exhibition FLEX tested how we might inch closer, or rush towards, boundaries, inviting visitors to explore how we manipulate our perceptions and alter our bodies. Will you thrive or survive in extreme environments? And where do you draw the line?

By bringing together researchers, industry, and students, FLEX showcased how research shapes our understanding of the world around us and helps us to better imagine possible futures.

Director of MOD, Dr Kristin Alford, says the exhibition challenged people to think about aspects of the future that are a little different to those commonly considered.

"So often when we think about the future, we think about external factors such as climate and digital disruption," Dr Alford says. "FLEX invited us to think about the future of things closer to home – our bodies and our minds."

In FLEX, visitors explored interactive galleries where they could meet digital versions of themselves, delve into body augmentation, learn more about resilience, explore ideas about living on Mars and challenge their perception of pain.

UniSA PhD student Adam Drogemuller designed an interactive exhibit for FLEX that allowed visitors to visualise their pain in 3D as part of his research, and he says the process may lead to better communication about pain.

"MOD. facilitating this research enables us to analyse objects that have been created by the public so that we can work towards a new physical language for pain descriptors, as opposed to the existing verbal expressions of pain," Drogemuller says. "A physical language may be more beneficial for expressing chronic pain."

Other live research embedded in the exhibition included the return of the 'pain chairs', which allow visitors to test how perception alters experiences of pain and think through the ethical questions relating to emerging technologies.



Exhibition coordinator of FLEX, Claudia von der Borch, says the exhibition allowed visitors to see the blending of real research with creative ideas that provoke new thinking.

"When you walked through FLEX, you experienced tension and curiosity," von der Borch says. "This exhibition built from a juxtaposition of real and speculative futures for our bodies, to a reflective space for considering the ethical boundaries we create and embrace. It concluded with an immersive journey into breath that grounded you in your own capability to deal with stress."

### **MOD. highly commended at National Museum Awards**

MOD. at UniSA was highly commended at the 2023 Australian Museum and Galleries Association National Conference.

MOD. Exhibition and Experience Design Manager Dr Lisa Bailey says the recognition highlights their success in exhibition design for the current exhibition FLEX, and the success of the Ethos Community of Practice, which is a forum for people to practice ethical questioning and contribute to societal change within and around the University.

MOD. was recognised in the following Australian Museums and Galleries National Awards (MAGNA) categories:

*Highly Commended: Temporary or Travelling Exhibition for FLEX.*

*Highly Commended: Community Engagement and Outreach for Ethos, a place for having conversations about future-focused ethical issues relating to research, technological development, and the broader social context. Each forum focuses on an object as the starting point.*

### **Ethos forums at MOD.**

Hosted by MOD., Ethos is a place for conversations about future-focused, ethical issues relating to research, technology, and our society. The events take place four times a year to discuss the intersection of ethics and society, with each conversation focused on an object as the starting point for discussion. In 2023, Ethos discussed:

#### **Nature is important**

Nature is important, that's something that most of us agree on. But housing, infrastructure, agriculture, animals, re-creation and wellbeing are important too. How do we share nature to satisfy the needs and desires of people, whilst nurturing plants, animals, earth and skies? Conversations at this session explored nature as a resource, the risk feedback loop and the importance of sharing world views.

#### **Augmenting humans**

With emerging technology becoming a large part of our everyday lives, our capabilities are more enhanced. Where do we draw the line? What do we feel comfortable with? September's Ethos event considered the ethics of augmenting humans, including questions about using external technologies – like our phones – to enhance ourselves more broadly.

#### **On inheriting wealth (and other things too)**

The May Ethos event discussed the million-dollar question: should you be able to inherit wealth? May's event considered the ethics of inheriting wealth including questions about equitable distribution of inheritance more broadly. Guests were asked to create a list of all the things they could inherit and choose their top three.

#### **Mining the Moon**

April's Ethos delved into the ethics of space inhabitation by discussing topics such as how humans might thrive in space, human relationships and psychology, and the potential benefits of cultivating the moon. A discussion between Associate Professor Ruchi Sinha and Associate Professor Jenny Mortimer, which was facilitated by Dr Kristin Alford, further enriched guests' minds with the ethics of human survival and cultivation in space by providing some stimulating prompts for group conversation.





## Samstag Museum of Art

For the Samstag Museum of Art, 2023 began with a disaster — a flood that closed the gallery for nine months, just two weeks out from the gallery's Parnati season/Adelaide Festival launch.

A bit of luck and fast work saw Samstag shift the presentation of James Newitt: HAVEN and Emily Wardill: Night for Day to the Adelaide Railway Station, a setting that seemed preordained, given how terrific the work looked in the space.

In April, across the border in Victoria, Julie Byfield's flowers of the sea, the gallery's 2022 Kudlila season exhibition, opened at Mornington Peninsula Regional Gallery.

In October, Samstag was thrilled to welcome visitors back onsite for Wirltuti, stepping onto freshly laid boards for moving image works by Hayley Millar Baker (Guntjitmara/Djabwurrung), Joel Bray (Wiradjuri) and Gutinjarra Yunupingu (Gumatj) from NGA's 4th National Indigenous Art Triennial: Ceremony.

Continuing the gallery's series highlighting ephemeral art practices,

musician and composer Sebastian Collen devised and performed CARTE and CREDO this year.

Samstag hosted conversations on the podcast series, On Art, with First Nations artists Archie Moore (Kamilaroi/Bigambul), Amrita Hepi (from Bundjulong/Ngapuhi territories) and Hayley Millar Baker (Guntjitmara/Djabwurrung), each bright, insightful and thoughtful powerhouses in their own right.

Behind the scenes, Samstag staff were shepherding two significant publications into being — a monograph of Helen Fuller's work for SALA, and Outside the Frame: Art and the Moving Image, a collaboration with ACMI and Perimeter Editions, documenting 21 moving image commissions.

It was a year of working closely with writers, with Ross Wolfe, Sasha Grbich, Glenn Barkley, Emma O'Neill, Christina Li, Ben Nicholls, Gemma Topliss, Dr Kate Warren and Lauren Carroll Harris lending their smarts to thinking about a range of diverse artists, contexts and histories.

Helen Fuller's monograph was launched at Adelaide Central School of Art alongside an exhibition of the artist's work, followed by an exhibition and launch at the Queensland University of Technology. Artist Daniel Crooks—in Adelaide for the EXPAND Lab, an AFF, Samstag, Illuminate and AGSA collaboration that brought 30 creatives together for a week-long intensive and commission opportunity—launched Outside the Frame: Art and the Moving Image, represented by both a Samstag and ACMI commission.

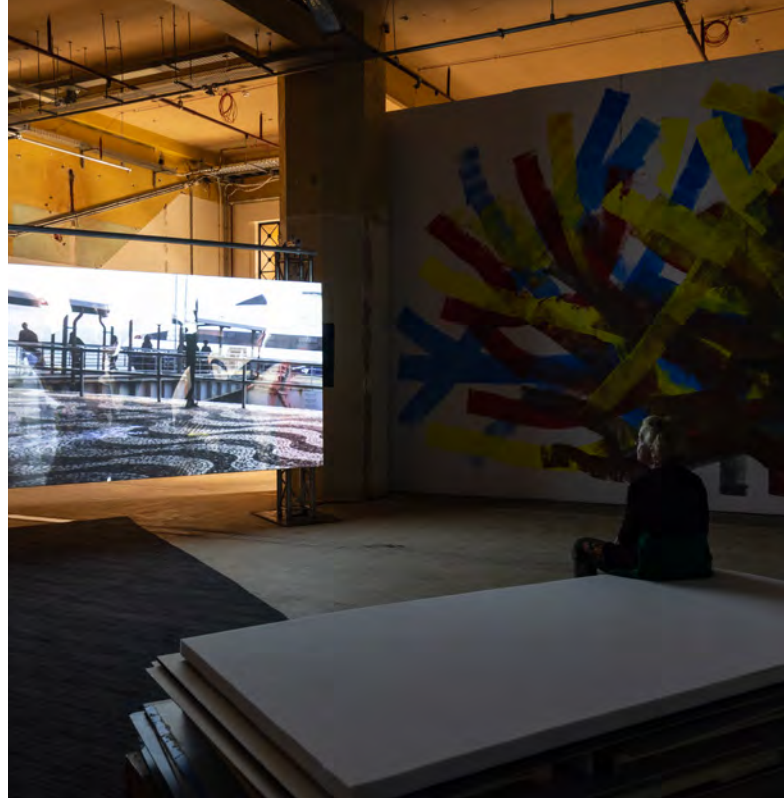
Samstag staff also considered how to make galleries hospitable environments and inclusive communities this year. With friends at MOD., Nexus Arts, AGSA, Ace and SAM, Samstag hosted ACCESS ALL AREAS, a two-day, interactive symposium exploring how galleries, museums and the broader arts and cultural sector can champion equality through their spaces, programs and consultation.

## Samstag Scholars receive once in a lifetime opportunity

UniSA's annual Samstag Museum of Art Scholarships program allows a handful of Australian artists to develop their artistic capabilities and skills through a dedicated period of practice-based learning.

Each recipient is provided with institutional fees for one academic year of study and a \$70,000 tax-free allowance. The scholarship also covers expenses for travel to undertake a study program of their choice.

In 2023, three artists were awarded Samstag Scholarships for study to be undertaken in 2024. The latest recipients are:



**Min Wong:** Wong is preoccupied with the forces of wellness, spiritualism and consumerism and their sympathetic influence on both the individual and society at large. Tracking the emergence of New Age Western Spiritualism in the 1970s as a counterculture, Wong traces its eventual trickle down into mainstream society in the present day, where it has been co-opted by consumerism. Wong's practice inhabits this space of tension between the search for the divine versus the drive of capitalism. Within this dichotomy there is also a balance between criticality and sincerity.

Wong's Samstag Scholarship will be used towards participation in an MFA program at the Braunschweig University of Art in Germany. There she will further investigate spiritualism with a specific investigation into ancient Western spiritual practices including paganism, witches, the occult and satanism.



**Ash Tower:** Tower's work investigates how knowledge is created, distributed and documented. His work draws speculative threads between seemingly unrelated topics, for example, nuclear weapons, reliquaries, and ancient Roman rituals. Sculptures, drawings and multi-object installations take the form of epistemological headstones, commemorating traces of human enterprise, as well as imagining the ruins of the future.

Tower's Samstag Scholarship will see him pursue studies in Europe, continuing his research of the influence of European art and architecture, in particular the Western European Renaissance and how it continues to inform aesthetics and histories up into the present day.



**Yasmin Smith:** Smith's work delves into the intelligence of ecologies, using site-specific responses as a guide for aesthetic and conceptual outcomes. Smith works within the discipline of ceramics, she collects plant specimens and, through a process of casting, replicates their forms. The original collected specimen is subjected to a precise treatment: it is burnt slowly over the course of a week before the ashes are used in a specific ratio to formulate the glaze that decorates the ceramic form. Her practice is a study of the human impact on our surroundings, through pollution and civilisation, and revealing the alternate knowledge systems of the natural world.

Smith's Samstag Scholarship will go towards research in Europe, where she will examine the themes of pollution, climate breakdown, and environmental and social justice.



# The Bob Hawke Prime Ministerial Centre 2023



Professor Dr Marcia Langton AO delivered the 24th Annual Hawke Lecture.

Dynamic and eclectic, The Bob Hawke Prime Ministerial Centre generates ideas and solutions to foster cohesive, sustainable societies. Delivering a year-long program of free events and exhibitions, it plays a critical role in the intellectual life of South Australia and, through its online presence, reaches out to a global community. 2023 highlights included:

## 24th Annual Hawke Lecture

The Bob Hawke Prime Ministerial Centre offers the Annual Hawke Lecture as an opportunity to listen to the views of someone whose experience of human affairs is notable, and whose concerns about our world are truly worthy of consideration.

Professor Dr Marcia Langton AO delivered the 24th Annual Hawke Lecture. Professor Dr Langton is an eminent Australian Indigenous scholar and activist who has made significant contributions to the field of Indigenous law and social justice. In the 2023 Hawke Lecture, Professor Dr Langton turned her attention to the challenging topic of asking what comes next for reconciliation following the negative outcome of the October 2023 referendum on a First Nations Voice to Parliament.

## The Art of Risk with Richard Harris

This event dived into the world of risk-taking with Thai Cave Rescuer and joint 2019 Australian of the Year, Dr Richard 'Harry' Harris SC OAM. In conversation with journalist Julia Lester, Harris recounted the stories of other people who regularly risk their lives and explained what we can learn from the world's leading risk-takers.

## Man-Made: Tracey Spicer AM in conversation with Jane Caro AM

In conversation with renowned social commentator Jane Caro AM, broadcaster Tracey Spicer AM discussed her book, *Man-Made*, which aims to open readers' eyes to a transformative technological shift in society and give them the tools to make positive change.

## The Voice: How the final co-design report enables an effective design for Indigenous advice to the Parliament and executive government

In the lead-up to the referendum on a proposed Voice to Parliament, Professors Dr Marcia Langton AO and Tom Calma AO shared their perspectives and experiences to explore why the Voice is needed and how it could function. At this event, Professor Calma and Professor Dr Langton received Honorary Doctorates from UniSA in recognition of their service to the community.

## Reading and Writing Dangerously

Led by journalist Professor Peter Greste, this panel explored the profound experiences of reading and writing during and following incarceration. Panellists were each survivors of political detention in perilous environments, and included former Manus Island detainee and journalist Behrouz Boochani, Pulitzer Prize-winner Geraldine Brooks AO, and former detainee Dr Kylie Moore-Gilbert. Co-presented with The J.M. Coetzee Centre for Creative Practice, The University of Adelaide.



*Freedom, Only Freedom: Behrouz Boochani in conversation with Professor Peter Greste and long-term translator/collaborator Dr Omid Tofighian.*

### **Freedom, Only Freedom: Behrouz Boochani in conversation with Professor Peter Greste**

This in-conversation with writer and former Manus Island detainee, Behrouz Boochani, discussed his second book, *Freedom, Only Freedom: The Prison Writings*. In his only Adelaide event, Boochani was in conversation with award-winning journalist Professor Peter Greste, with an introduction by long-term translator/collaborator Dr Omid Tofighian.

### **Storytellers with Leigh Sales AM**

Broadcasting veteran Leigh Sales AM took her audience on a tour of the journalism profession, discussing her latest book, *Storytellers*, with fellow journalist, David Penberthy.

### **2023 UniSA 3MT® Grand Final**

Competing for a chance to represent UniSA in the 2022 Asia-Pacific 3MT® Competition, seven aspiring finalists, representing each UniSA academic unit,

communicated their research using one slide, and non-technical language in just three minutes.

### **Revealing Secrets: An Unofficial History of Australian Signals Intelligence and the Advent Of Cyber**

International security Professor John Blaxland (ANU) and Clare Birgin, a former Australian diplomat, were in conversation with UniSA's Professor Marnie Hughes-Warrington AO, discussing their book, *Revealing Secrets: An Unofficial History of Australian Signals Intelligence & the Advent of Cyber*.

### **A Story of Souls with Dr Debra Dank**

Associate Professor Sue Joseph joined Gudanji/Wakaja woman Dr Debra Dank to discuss her memoir of family, community and Country, *We Come With This Place*, which was recently awarded a record four out of 14 NSW Premier's Literary Awards.

### **Batoor: A Refugee Journey Film Screening and Panel Discussion**

This event featured a screening of *Batoor: A Refugee Journey* by Walkley Award-winning photojournalist, Barat Ali Batoor, followed by a panel discussion with Batoor, Associate Professor Mary Anne Kenny and Professor Nicholas Procter.

### **Can Seaweed Save the World?**

UniSA's Professor Chris Daniels, entrepreneur Steve Meller and Associate Professor Catriona MacLeod discussed the new applications and industries around seaweed in Australia, in arrangement with WOMAdelaide Planet Talks Program.



# The Kerry Packer Civic Gallery

The Bob Hawke Prime Ministerial Centre is home to the Kerry Packer Civic Gallery, which offers a platform for organisations to convey social messages and outreach through art. 2023 exhibitions included:

## Saltbush Country

Curated by Tarnanthi Regional Curator Marika Davies, Saltbush Country provided a rare opportunity to experience the works and worldviews of seven dynamic Aboriginal women artists working independently across regional South Australia.

## Co-Creating Community Connections

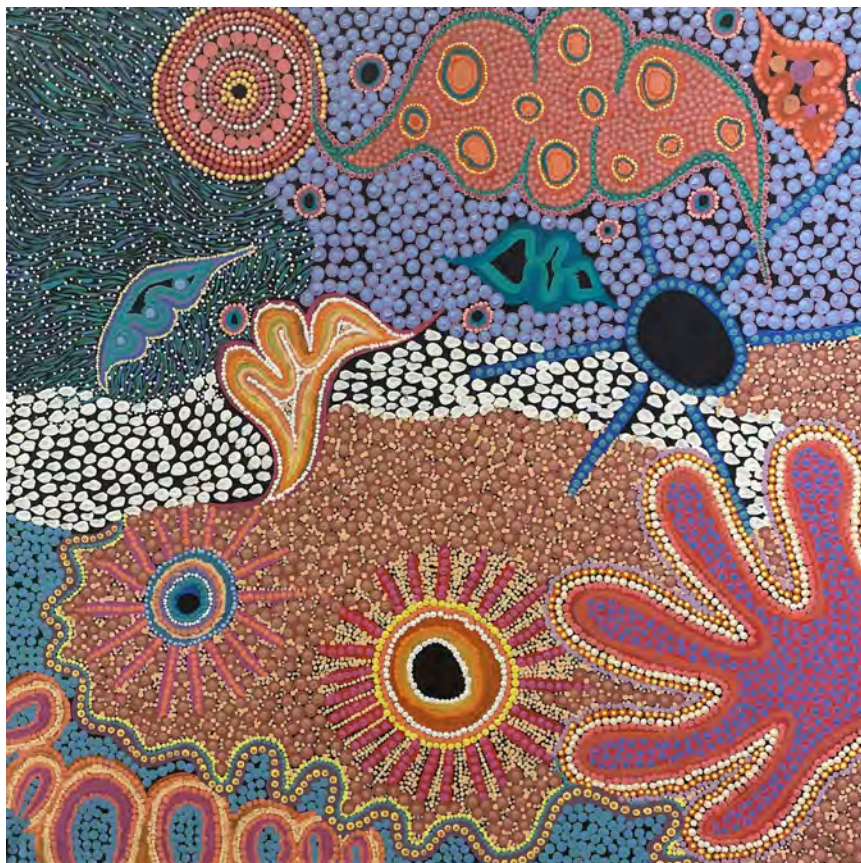
The Hawke Centre co-presents an annual exhibition of work from UniSA's innovative learning and research space, Match Studio. The 2023 exhibition presented a range of designs that respond to the central theme of Co-Creating Community Connections.

## Deaf Gain

Deaf Gain served as a powerful platform for deaf artists to showcase their talent and share stories from the deaf community. Curated by William Maggs, Deaf Gain created a Deaf-centric space that empowered a diverse range of cutting-edge artists

## Artists On the Inside

Artists On the Inside presented artwork created by adults incarcerated in prisons across South Australia. The works allow contributors to build connection to the community by using art as the medium to create and share their stories.



*Saltbush country featured the work of seven dynamic Aboriginal women artists, including this work by Marli Macumba.*

## "Hope" is the Thing with Feathers

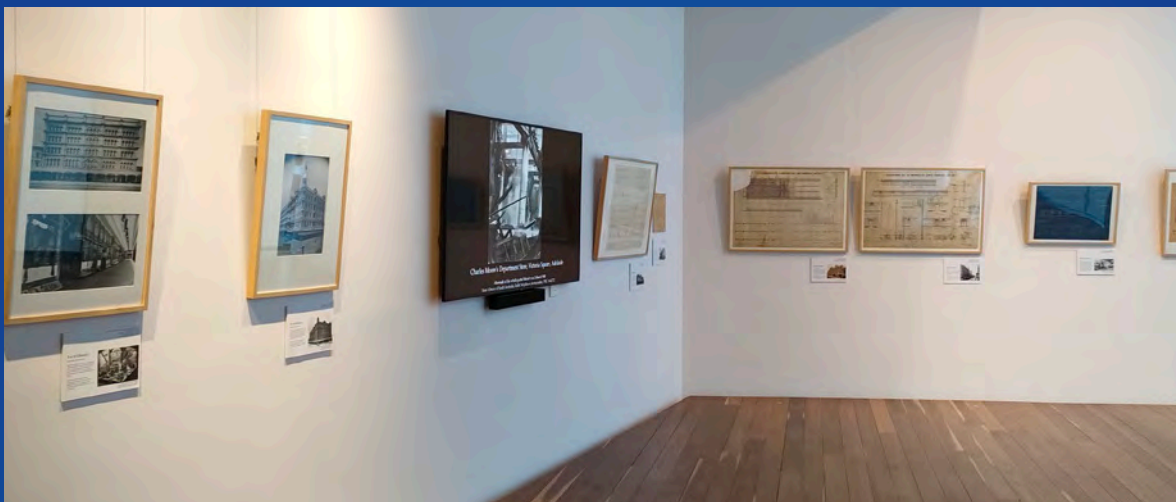
Featuring artworks by emerging artists who attend the visual art programs run by Neami National, this exhibition reflected on Emily Dickinson's poem, "Hope" is the thing with feathers (1891).

## Vasl exhibition

Curated by Elyas Alavi and Jacquaya McKenzie, this exhibition was a stunning collection of artworks from Australian and international contemporary artists who use their artworks to explore their identity, cultural connectedness, and the everyday.

## Sanaa Exhibition

Sanaa Exhibition showcased the diverse experiences of artists from Africa and South Australia's multicultural communities. Sanaa Exhibition aimed to facilitate intercultural understanding by providing a platform to artists from culturally diverse backgrounds.



## UniSA Architecture Museum

UniSA's Architecture Museum is a unique repository of architects' and allied professionals' records and a dynamic hub of research into South Australia's architectural and built environment history.

The museum hosted several events throughout 2023, including an exhibition and panel discussion titled *Gone Shopping: Department Stores In South Australia*, co-presented with The Bob Hawke Prime Ministerial Centre. This exhibition featured architectural drawings, photographs and advertising material from the rich collection of the Architecture Museum, including department stores from Adelaide city and also those in suburban shopping malls and main streets of country towns.

A related panel discussion featured planning historian Dr Louise Bird, who explored suburban shopping centres, architectural historian Dr James Curry, who uncovered luxury and lifestyle, and curator of the Architecture Museum, Dr Julie Collins, who discussed the architectural design of department stores.







The Mount Gambier Campus became the first UniSA campus to establish a Nyina Ba Kalawa/Yarning Circle, with the official opening of the meeting place in May.

## Regional engagement

### Mount Gambier campus

#### Nyina Ba Kalawa/Yarning Circle

The Mount Gambier Campus became the first UniSA campus to establish a Nyina Ba Kalawa/Yarning Circle, with the official opening of the meeting place in May.

The Mount Gambier Nyina Ba Kalawa/Yarning Circle celebrates the culture and tradition of the Boandik Peoples, who are the traditional custodians of Mount Gambier and its surrounding areas, and highlights the importance of the yacca (grasstree) in creating, maintaining and moving fire.

UniSA manager of Wurringka student services Leata Clarke told Mount Gambier news outlet, *Border Watch*, that the opening was a significant moment for the campus and local community.

"Having areas like this gives a more culturally comforting area for Indigenous students, and UniSA has always had good intent and recognises inclusive activity of having Indigenous

people involved by being the first SA university to have a Reconciliation Plan," Clarke says.

The opening ceremony was attended by local elders Aunty Penny Bonney and Uncle Doug Nicholls, along with UniSA Chancellor Pauline Carr and Regional Manager Ian McKay.

#### The passing of Bob and Gayle Cowan

UniSA's Mount Gambier Campus and the wider University community were saddened by the passing of both Bob and Gayle Cowan in 2023. Widely respected and admired Mount Gambier residents, husband and wife Bob and Gayle were among UniSA's most generous philanthropic supporters through their work with the Cowan Grant Trust.

The Trust provides support for rural and regional students, students with a disability and initiatives that foster personal and career growth by incorporating international travel and adventure into education. The Trust

first donated to UniSA in 2005, and has assisted more than 300 students with grants totalling \$700,000.

Bob and Gayle were both recognised as Fellows of the University in 2022 for their generous support of UniSA students for more than 25 years, and both were also awarded Medals of the Order of Australia in January 2023.

UniSA's Regional Manager: Mount Gambier, Ian McKay, says over many years, the Cowan's philanthropic work and contribution to the local community of Mount Gambier was remarkable.

"The Cowans were not only generous benefactors but also wonderful friends of the university who were genuinely interested in the students their grants supported," McKay says.

#### Forestry Centre of Excellence

There was further progress in 2023 towards establishing a Forestry Centre of Excellence at UniSA Mount Gambier Campus. The Centre is expected to be recognised as an international leader in



forest industry research, education, and market development.

A Strategic Plan for the Centre was launched in March, and in November, the State Government announced a transitional Board, which included UniSA STEM Dean of Research UniSA, Professor Jason Whittle.

The Centre will extend and enhance UniSA's already strong links with the forestry industry, incorporating entities such as the National Institute of Forest Products Innovation, the Green Triangle Forest Industries Hub, Tree Breeding Australia, and the Logging Investigation and Training Association.

## APY Hub

### APY Hub and Pitjantjatjara Yankunytjatjara Language and Culture courses

UniSA has a 30-year relationship with Anangu (Pitjantjatjara and Yankunytjatjara) (APY) communities, and UniSA's APY Hub, which is managed by Dr Sam Osborne, connects with these communities through specialised language and culture courses.

In 2023, key activities for the APY Hub included the continuing development of high-quality first-language texts for Anangu schools. This includes a collection of first-language songbooks, *Inkamala! Let's Sing!*, and an accompanying app for school and community use, featuring over 100 songs, and a range of texts. These assets will continue to develop in partnership with the Department for Education, Iwiri Aboriginal Corporation, and the Pitjantjatjara Yankunytjatjara Education Committee (PYEC).

In 2023, funding was received in partnership with the National Indigenous Australians Agency and the South Australian Department for Education to redevelop the UniSA facilities based in Ernabella. The redevelopment will create a vibrant teaching, community and office/administration space which will be used by PYEC, the Department for Education, UniSA workshops and student access. The redevelopment also includes short-term accommodation for staff and students and will open officially in the first half of 2024.

The APY Hub is also working with the Department for Education to re-establish a professional experience program for Initial Teacher Education students in Anangu Schools.

A program has been developed across 2023 for delivery in term 2, 2024, and a research focus has continued to develop in partnership with Anangu schools and educators. This includes bilingual education and the role of first language educators in Anangu Education, culturally responsive pedagogies, and examining teacher preparation and professional development in Aboriginal and Torres Strait curriculum and pedagogical development.

2023 also featured the largest enrolment in UniSA's Pitjantjatjara Yankunytjatjara Language and Culture (PYLC) course two-week summer school with more than 60 students. This course includes undergraduate and postgraduate enrolments as well as a diverse cohort of professionals working in Anangu communities. Shorter courses including a PYLC three-day Advanced class and two three-day Winter school offerings on Zoom and face to face in Alice Springs were full. A feature of these courses is the teaching and cultural leadership provided by Anangu tutors who are supported and employed through a partnership with Iwiri Aboriginal Corporation, a member-based organisation for Anangu who live in Adelaide.



UniSA has a 30-year relationship with Anangu (Pitjantjatjara and Yankunytjatjara) (APY) communities and UniSA's APY Hub connects with these communities through specialised language and culture courses.





City of Whyalla Corporate Services director Kathy Jarrett was appointed to a six-month position as UniSA's inaugural Industry Fellow in 2023.

## Whyalla campus

### UniSA's inaugural Industry Fellow appointed

A research project aimed at capitalising on the proposed multibillion-dollar hydrogen and renewable energy investment in Whyalla was delivered in 2023 by UniSA in collaboration with the city's local council.

City of Whyalla Corporate Services director Kathy Jarrett was appointed to a six-month position as UniSA's inaugural Industry Fellow, a new research position created to help SA's regional cities thrive. In Whyalla's case, the mission was "to think constructively about the past, gain optimism and hope for the future and, as a result, gain greater happiness in the present."

Whyalla has reason to be optimistic following the announcement by the SA Government to build a \$593 million green hydrogen hub near the city. UniSA Deputy Vice Chancellor: Research and Enterprise, Professor Marnie Hughes-Warrington AO, says the project engaged key stakeholders from Whyalla's community, including business people, service providers, community leaders and community groups.

"At the end of the day, we want to co-create initiatives with Whyalla City Council that address any barriers to optimism, growth and development, and at the same time improve residents' mental wellbeing and resilience."

### Bachelor of Midwifery commences

The first intake of students in the Bachelor of Midwifery at UniSA's Whyalla campus commenced in 2023. The new offering aims to bolster the regional midwifery workforce, providing much-needed local support to rural communities. UniSA's Bachelor of Midwifery Program Director, Dr Angela Brown, says that the Whyalla-based degree will attract and retain a local midwifery workforce.

"The new midwifery degree at Whyalla will enhance availability of training locally for regional students, providing additional locally trained staff that can work regionally and improve midwifery shortages," Dr Brown says.

"Students will be working in partnership with staff in the Flinders and Upper North Local Health Network (FUNLHN), so they'll gain clinical knowledge and hands-on experience from highly skilled regional midwives already

working in our local antenatal, birthing, and postnatal models of care.

Whyalla midwifery students will also participate in UniSA's unique Continuity of Care Experience, where student midwives are directly involved in a minimum of 30 births during their studies and participate in the pre and post-birth care of many more women.

Lyndell Eckert, Director of Nursing and Midwifery at Whyalla Hospital says the new degree is a welcomed addition to current regional health services.

"Midwifery training that's closer to home for regional students will be an asset to recruiting and retaining locally trained midwives and continuing our midwifery services for women in our community," Eckert says. "New midwives would then be well placed to gain employment in the FUNLHN in our Aboriginal Birthing Programs, at the Port Augusta Hospital or in the Whyalla Midwifery Group Practice."

### Physiotherapy and Occupational Therapy announced

In 2023, UniSA announced two new fully accredited degrees will be on offer at the Whyalla campus from 2024. The Bachelor of Physiotherapy (Honours) and Bachelor of Occupational Therapy (Honours) will commence at Whyalla in 2024, providing new career pathways for local students and bolstering local allied health support for the region.

UniSA is ranked among the top ten universities in Australia for graduate skills and student satisfaction in both physiotherapy and occupational therapy. Students will have the opportunity to gain hands-on experience working with their local community at UniSA's Rural Health Clinic, which provides a range of allied health services for the community in Whyalla and surrounding areas.



Building on the success of her award-winning ifarmwell project, Associate Professor Kate Gunn (left) is leading a number of new rural health initiatives launched in 2023.

## Rural health initiatives

In addition to supporting South Australia's regional communities through vibrant campuses in Whyalla and Mount Gambier, UniSA is also heavily engaged with community initiatives in rural and regional areas, particularly in supporting health and mental health. Rural health expert – and founder of award-winning rural mental health platform, ifarmwell – Associate Professor Kate Gunn is leading several initiatives launched in 2023, including:

### Palliative supports

The “Living well as long as we can” project hopes to improve awareness and understanding about end-of-life planning and care, so that people can make active and informed end-of-life choices.

Conducted in partnership with Palliative Care SA, the University of Adelaide, and Flinders University, the project is part of a broader five-year statewide program funded by The Hospital Research Foundation. The project involves working with local community leaders to find ways to highlight how rural communities can support each other at end of life, effectively navigate systems and make their existing strengths more visible.

The project encompasses four rural areas in South Australia – Mount Gambier, Port Lincoln, Berri and Whyalla.

### Farmers' wellbeing post-floods

Assoc Prof Gunn's team is researching how farmers have coped with recent severe flooding and how they would like to be supported in the future.

“Life on the land always has its ups and downs, but in the past 12 months, farmers who have been hit by floods have been dealt a particularly tough hand,” Assoc Prof Gunn says. “Due to the floods, primary producers have lost crops, livestock and important infrastructure. Of course, this also has significant implications for farmers' identities and livelihoods.

“Our research hopes to better understand these experiences from the perspectives of current primary producers, and importantly, how they would like to be supported to improve their wellbeing.”

The study, led by UniSA, is being conducted in partnership with Regional Development Australia Murraylands and Riverland SA, and the National Centre for Farmer Health.

### Helping farmers curb chronic pain

Farmers often face barriers when it comes to seeking health care, including a lack of services and social barriers to seeking care. One condition that farmers experience often, but rarely seek professional help for, is the management of chronic pain. Untreated, chronic pain can cause serious distress and diminished productivity.

Assoc Prof Gunn's team is exploring what chronic pain means to Australian farmers to improve the way chronic pain management strategies are delivered in rural communities. Coresearcher, renowned neuroscientist and pain expert, UniSA's Professor Lorimer Moseley AO, says that all Australians should have access to the knowledge, skills, and local support to prevent and overcome persistent pain.

“Rural communities are already struggling with health services. By working with farmers, we are hoping to develop realistic, appropriate and end-user-informed ways to improve the care and management of chronic pain in rural communities,” Prof Moseley says.



# Governance and management







## Council Members



Top, from left to right: Mr Jim Hazel, Mr Michael Abbott AO QC, the Hon John Hill; third row: Ms Nicole Rantanen Reynolds, Ms Mary Patetsos AM, Ms Vanessa Matthews; second row: Mr Bill Muirhead AO, Mr Jim Whalley, Mr Isaac Solomon; front row: Ms Riya Kaur Bhalzada, Professor Deirdre Tedmanson, Ms Pauline Carr; Inset top: Professor David Lloyd, Dr Kit MacFarlane, Mr Ian Smith AM.

### **Ms Pauline Carr, FAICD, FGIA FCG (CS,CGP), MBA, BEc; Chancellor, Member appointed by Council**

Originally an accountant, South Australian born Pauline Carr is a professional non-executive director who has built a 35-plus year career bringing her executive experience, business improvement, governance, compliance and risk management consultancy services to a range of companies in the resources, construction, superannuation, education, retail and community health care sectors.

She was invited onto UniSA's Council in 2010 and was appointed Chancellor in August 2018. Prior to being appointed as Chancellor she was Chair of the Council's Audit and Risk Committee (2011–2018) and a member of both its

Finance and the Senior Remuneration committees. She currently chairs the Council's Senior Remuneration Committee and the Governance and Nominations Committee.

A graduate of Australian National University (ANU), Pauline has a degree in economics and an MBA. As a graduate she joined an international resources company where she worked as a financial analyst, accountant, internal auditor and in government and community relations. Some years later Pauline returned to Adelaide to a divisional accounting leadership role with Normandy Mining Limited. She assumed increasing responsibilities for a range of areas and became a member of its executive team and was an integral part of the company's growth and international expansion through mergers and acquisitions.

She took an executive role with Newmont Mining Asia Pacific (part of Newmont Mining Corporation) the world's largest gold miner, following its merger with Normandy.

In addition to being Chancellor, Pauline's current board positions include chairing the board of Adelaide headquartered National Pharmacies and being a non-executive director of ASX-listed companies, Highfield Resources Limited and Australian Rare Earths Limited.

During her career Pauline has also held advisory and leadership roles with industry and government bodies including the Governance Institute of Australia (formerly Chartered Secretaries Australia) and most recently chaired the SA Government's Mining and Energy Advisory Council.

**Professor David Lloyd CCHEM, FRSC, FTSE, PhD, MA, BSc(Hons); Vice Chancellor and President**

David Lloyd is Vice Chancellor and President of the University of South Australia. A Dublin born and educated chemist who specialises in computer-aided drug design, Professor Lloyd has re-focused institutional culture to position UniSA as Australia's university of enterprise and to shape its activities to better meet the challenges of the 21st century.

Professor Lloyd was a member of the South Australia Economic Development Board (EDB) from 2014 to 2018. A past Chair of the Australian Technology Network group of technology focused universities, he is now Chair of Universities Australia (UA), the peak body representing the university sector, having previously served as UA's lead Vice-Chancellor: Indigenous and lead Vice-Chancellor: Research and Innovation. He was previously appointed to the Australian Research Council's (ARC) Advisory Council to provide advice to the ARC on key research policy issues, to lend independent strategic guidance and experience that will strengthen the ARC's ability to support research and innovation in Australia.

Before joining the University of South Australia, Professor Lloyd was Vice President for Research and later Bursar and Director of Strategic Innovation at Trinity College Dublin. Professor Lloyd was Chair of the Irish Research Council. Prior to academia, he worked in the pharmaceutical industry in the UK. He holds an honorary Professorship from Tianjin University, is a Fellow of the Royal Society of Chemistry and a Fellow of the Australian Academy of Technology and Engineering.

Professor Lloyd qualified with a Bachelor of Science (Honours) in applied chemistry and a PhD in medicinal organic chemistry from Dublin City University. He additionally holds an MA (j.o.) from Trinity College and an Honorary Doctorate from the late Sir Terry Pratchett's Unseen University.

**Hon John Hill FAICD, LLB, DipEd, BA; Deputy Chancellor; Member appointed by Council**

John Hill's Parliamentary career began in 1997. He served in a number of ministerial roles – including Minister for Environment and Conservation (2002–2006), Minister for Health (2005–2013) and assistant Minister and Minister for the Arts (2002–2013). John retired from the Cabinet in 2013 and Parliament in 2014 and is a member of various boards, including: ACH Group, Bellberry Ltd, and Private Healthcare Australia. John was appointed as Deputy Chancellor in December 2018.

**Mr James (Jim) Hazel, FAICD, SF Fin, BEC; Pro Chancellor; Member appointed by Council**

Jim Hazel holds a number of non-executive board positions, following an extensive national and international career in banking and investment banking. He is a director of ASX listed companies Bendigo and Adelaide Bank Limited and Ingenia Communities Group (Chairman). He is also a director of COTA Australia Limited, as well as Chair of the Precision Group and the Barossa Hills Fleurieu Local Health Network. His past board experience is extensive, and he has regularly chaired board committees in the areas of audit, risk, finance, credit, governance and remuneration. Jim was appointed as Pro Chancellor in December 2018.

**Mr Michael Abbott AO KC, LLB; Member appointed by Council**

Michael Abbott graduated with a Bachelor of Laws degree from the University of Adelaide in 1964 and in 1966 was admitted to practice as a barrister and solicitor of the Supreme Court of South Australia. He has appeared in the High Court and in the Supreme Courts of all states and territories of Australia and was appointed as Queens Counsel in South Australia in 1984. He has held the position of Chairman of the Legal Services Commission of South Australia, the South Australian Bar Association, the Criminal Law Committee of the Law Society of South Australia and acted as Human Rights Observer for the Law Council of Australia.

Michael was subsequently awarded an AO (Officer of the Order Of Australia) for his services to the law, the arts and international relations, particularly international cultural relations.

Michael is an enthusiastic promoter of increased cultural contacts between Australia, particularly South Australia and India, Asia and South East Asia. Michael believes that increased cultural contact will not only lead to increased trade but will benefit South Australian society in every way.

**Ms Mary Patetsos AM; Member appointed by Council**

A passionate South Australian with strong national and global networks Mary is a professional non-executive board director. Her extensive experience across the private, government and not-for-profit sectors has resulted in expertise in governance, strategy, stakeholder engagement and leadership. Mary's leadership and skills in public policy and governance are linked with knowledge and experience in corporate and commercial enterprise. Mary holds a range of Chair and board positions including Chair of FECCA (Federation of Ethnic Communities Council of Australia), Chair of the private sector aged care provider, ACH Group, South Australian Housing Trust Board of Management, St John Ambulance South Australia Inc, Board Director Northern Area Local Health Network - NALHN, SA Health Board Director Consumer Health Forum, Council Member - National Aged Care Advisory Council, Board Director, CANDO for Kids, Board Director Glenelg Community Hospital, Member of the National Aged Care Alliance and Member, National Aged Care Quality Commission Advisory Committee. She is also the Chair of Audit, Risk and Finance Committees and Chair of Clinical Governance at NALHN. In 2023 Mary became a Member of the General Division of the Order of Australia, for her contribution in the field of aged care and commitment to advancing multicultural Australia.



**Mr Jim Whalley AO MBA, BSc;  
Member appointed by Council**

Jim is Deputy Chair, Executive Director and co-founder of Nova Group.

He is a former air force fighter pilot and test pilot and a graduate of the Royal Air Force Empire Test Pilots' School. Among other qualifications, he holds a Master of Business Administration, a science degree majoring in physics and has completed the Harvard Business School OPM Executive Education Program. Jim is active in several business forums including the Australian Naval Infrastructure and AROSE Board member a member of the Sir Ross and Keith Smith Fund Advisory Committee.

Former roles have included South Australia's inaugural chief entrepreneur Chair of the SA Defence Industry Association, the Defence Teaming Centre, Deputy Chair of the Repatriation Foundation and member of the Australian Industry Group Defence Council, Former Director of the Adelaide Festival of Arts, and Board member of AmCham.

He retains a strong personal interest in aviation as a civilian pilot and flies, flight tests and displays a range of antique, warbird and experimental aircraft and helicopters in his spare time.

**Mr Ian Smith AM; Member appointed by Council**

Mr Ian Smith is the founding partner of corporate and political advisory firm Bespoke Approach. He is senior adviser to Albright Stonebridge Group, a Washington-based strategy consultancy. Ian is involved in refugee advocacy, chairing Barefoot to Boots, a charity assisting refugee camps and their host communities, and a director of Community Refugee Sponsorship Australia. He is a director of Developing East Arnhem Limited, assisting the remote region's economic development. Ian is the United Kingdom's Honorary Consul for South Australia and the Deputy Chair of Prince's Trust Australia, founded by his Royal Highness The Prince of Wales. He became a Member of the Order of Australia (AM) in June 2018.

**Ms Nicolle Rantanen Reynolds,  
FCPA, FAICD, FTIA MBA, M  
Commercial Law, BCom; Member  
appointed by Council**

Nicolle is an experienced non-executive director of public unlisted companies and various strategic boards. Nicolle is a member of the Credit Union SA Board (Audit Committee Chair), The Grange Golf Club (Vice President and Finance Committee Chair), Cancer Council SA (Finance and Audit Committee Chair), Australian Institute of Company Directors SA/NT Councillor and a member of various Government and Local Government Audit and Finance Committees.

She holds a Master of Commercial Law, an MBA and is a Fellow of the Australian Society of CPAs, Fellow of the Australian Institute of Company Directors and Fellow of the Taxation Institute of Australia. Nicolle also holds a Bachelor of Commerce.

Nicolle is the South Australian Public Trustee and manages over 200 staff with responsibilities including corporate strategy, financial management and investment of over \$1.3 billion. Prior to this she was the Chief Operating Officer of the South Australian Department of Treasury and Finance.

**Mr Bill Muirhead AO; Member  
appointed by Council**

Bill Muirhead is a founder and Executive Director of the new Communications Company Act III. Prior to this, he was a founder and Executive Director of M&C Saatchi.

From 2007 to 2021 Bill was the Agent General for the Government of South Australia. He has been a Director of The Australia Day Foundation since it was formed in 2003.

Bill began his advertising career with Ogilvy and Mather before joining Saatchi & Saatchi. He became Worldwide Chief Executive and President in 1988 based in New York. When Bill returned to London in 1995, he co-founded M&C Saatchi.

In 2011 Bill founded the South Australian Club, an international community of people with an active interest in South Australia through business, politics, academia, media and the arts. In 2023 Bill became an Officer in the General Division of the Order of Australia, for distinguished service to the business sector, to the community of South Australia, and to international relations. He has also been involved in the Mentor Me programme in South Australia, an initiative to help young Britons to develop useful skills and to find employment.

**Mr Isaac Solomon; USASA President,  
Student Representative**

Isaac Solomon is a Bachelor of Laws/ Bachelor of Arts (History) student and was the University of South Australia Student Association (USASA) President in 2023. He brings a broad range of governance experience from working across both state and local government. Isaac is currently a councillor for the Town of Gawler and has previously been involved in a range of community advocacy forums.

Isaac has a passion for sport, playing and coaching soccer for a number of years, including coaching for the UniSA Soccer Club. He also has a strong love of the arts and acting, having previously worked in professional film and theatre productions.

Isaac started at the University of South Australia in 2020 and aims to become a lawyer upon completing his studies.

### **Riya Kaur Bhaizada, USASA Postgraduate Student Representative**

Riya Kaur Bhaizada is a Master of Design student specialising in interior architecture and was the Postgraduate Student Representative for 2023.

Riya holds a Bachelor of Architecture from India and has worked with an esteemed architectural firm in Mumbai, India for one year. She likes to spend the majority of her free time sketching various interior spaces in her drawing journal. She believes she is more interested in the creative aspect of buildings and spaces rather than technicality which made her shift her discipline from architecture to interior architecture.

Along with her love for design, Riya has enriched herself with great leadership qualities and sense of responsibility while working for various NGOs during her academic years.

Riya has always been enthusiastic for learning about different cultures and communities and speaks five different languages.

She aims to have her own creative firm after completing her masters and wants to help people design their dream space.

### **Dr Kit MacFarlane, PhD, BA(Hons), DipLang; Academic Staff Member**

Kit MacFarlane is a lecturer in creative writing and literature in UniSA Creative. He holds a Bachelor of Arts (Honours) and a Diploma in Language from Flinders University and a PhD from La Trobe University. Kit's writing and research interests lie in media and pop culture history and include regular publication in these areas. As a teaching academic, Kit has a strong belief in the transformative role of tertiary education, the vital roles that teaching and research play in a university, and the importance of universities serving the public good.

### **Ms Vanessa Matthews; Professional Staff Member**

Vanessa is the University's Students and Research Registrar and has extensive experience in student and academic services, human resource management, and customer service. Vanessa has a passion for supporting the academic and research success of UniSA's students, and currently leads a large student services portfolio, including scholarships, student services and support, coursework and research student administration, student reporting and systems, and graduations and records. Vanessa has worked for the University for 20 years, and holds a Master of Human Resource Management and a Bachelor of Arts.

### **Professor Deirdre Tedmanson; Chair of Academic Board**

Deirdre Tedmanson is a Professor of Social Policy and Dean of Programs for UniSA Justice and Society at the University of South Australia. She holds a PhD from the Australian National University (ANU), in addition to Masters (Policy and Administration) and Arts (Social Sciences) degrees. Deirdre is an active researcher with a strong focus on social policy, community development, homelessness, Aboriginal governance and wellbeing, and enterprise development. Her research has included ARC Discovery and Linkage projects; extensive CRC work and AHURI research projects, as well as a range of community and industry partnered applied research. Deirdre has had an extensive career at UniSA, with deep and ongoing connections across the sector both internally and externally, prior to which she worked in community development, research, policy and management positions in both the non-government sector and state Government, as well as working in Australia's Commonwealth Parliament as a senior political advisor.

### **End of term Council members**

The Council farewellled and thanked Council Members whose terms concluded at the end of 2022:

Isaac Solomon – USASA President

Riya Bhaizada – USASA Postgraduate

Kit MacFarlane – Academic Staff Member

Jim Whalley AO – Council Member



## Enterprise Leadership Team



Professor David Lloyd

### **Professor David Lloyd CCHEM, FRSC, FTSE, PhD, MA, BSc (Hons)**

#### **Vice Chancellor and President**

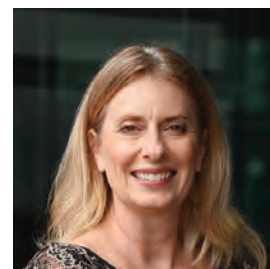
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Professor Lloyd qualified with a Bachelor of Science (Honours) in applied chemistry and a PhD in medicinal organic chemistry from Dublin City University. He additionally holds an MA (j.o.) from Trinity College and an Honorary Doctorate from the late Sir Terry Pratchett's Unseen University.



Professor Joanne Cys

### **Professor Joanne Cys LFDIA, Hon FRAIA, PhD, MArch, BA (IntDes), BA**

#### **Provost and Chief Academic Officer**

Professor Joanne Cys LFDIA, Hon FRAIA, is Provost and Chief Academic Officer at the University of South Australia. As Provost, Joanne is responsible for enhancing UniSA's educational offerings, providing an outstanding student experience, and planning and development of the University's academic programs.

Under her portfolio, Joanne oversees the priorities of program quality and curriculum innovation, academic workforce, teaching and learning experience and graduate outcomes.

Joanne has extensive academic leadership experience and has held previous positions as Executive Dean, Pro Vice Chancellor, Head of School, and Dean: Academic. She has also been Deputy Chair of UniSA Academic Board.

In her field of design, Joanne's research focuses on the disciplinary sociology and directions of interior design as an expansive field of practice and research. She also works in the applied areas of continuing professional education for design practitioners and education policy for the design profession.

Joanne is a Design Ambassador of the Design Institute of Australia (DIA) and an Ambassador of the International Federation of Interior Architects/Designers (IFI).

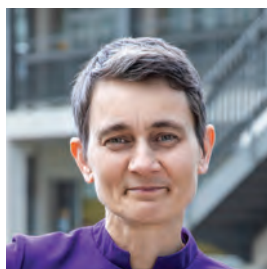
During 2019–2020 Joanne was co-chair of the IFI Design Education Policy Taskforce.

She has been co-chair of the Global Interiors Education Open Forum (2011–2015) and Executive Board Member of the International Federation of Interior Architects/Designers (2011–2014).

Joanne was National President of the Design Institute of Australia (2008–2010) and has been Australia's representative to the Global Design Network and the Asia Pacific Space Designers Alliance.

Her contributions to design education, policy and research have been recognised by her induction into Australia's Design Hall of Fame, selection as a South Australian Design Icon, Life Fellowship of the Design Institute of Australia, and Honorary Fellowship of the Australian Institute of Architects.

Joanne has been the creative director for major practice-led design competitions and symposia at state, national and international level. She is a spokesperson at national and international conferences and is regularly invited to contribute to professional design journals. Joanne is highly engaged in national and international peak design bodies.



Professor Marnie Hughes-Warrington

**Distinguished Professor Marnie Hughes-Warrington AO, PFHEA, B.Ed (Hons) Tas, DPhil Oxon**

**Standing Acting Vice Chancellor and Deputy Vice Chancellor: Research and Enterprise**

Distinguished Professor Marnie Hughes-Warrington AO is the strategic and operational leader for research and development, translation and commercialisation at UniSA. Her role is to oversee the design, delivery and review of approaches that advance novel insights, and industry and community partnerships for social and economic growth, renewal, wellbeing, and sustainability.

A graduate of the Universities of Tasmania and Oxford and a Rhodes Scholar, Professor Hughes-Warrington has a global profile as a systems philosopher who works to show how our understandings of the past shape our present, and our future.

She has led or been an investigator on over \$18 million in grants, and her work has been applied to a broad range of contexts. Her most recent book is *History from Loss* (with Daniel Woolf, 2023) and her current research is on machine historians.

Professor Hughes-Warrington is co-secretary general of the International Commission for the History and Theory of Historiography and serves on the editorial board for the *Journal of Global History* (Cambridge University Press), and for the *Cambridge Elements in Historical Theory and Practice* series.

In 2022, she was made an Officer in the Order of Australia for distinguished service to higher education governance, leadership, and mentoring.

Prior to taking up her role at UniSA, she was Deputy Vice-Chancellor Academic and Professor of History at the Australian National University (2012–19), responsible for admissions, academic standards and chairing the revenue committee for edX, through to academic school reviews and promotions. Her achievements included the \$260 million Kambri campus redevelopment; and the \$106 million Tuckwell gift.

Professor Hughes-Warrington was the first woman to be National Secretary for the Rhodes Scholarships Australia and she currently serves on the Rhodes Trust Scholarships Committee, which looks after 103 scholarships worldwide.





Mr Paul Beard

**Paul Beard BA Acc, CA, GAICD**  
**Chief Operating Officer**

Paul Beard is the Chief Operating Officer, with overall responsibility for: Facilities Management: campus infrastructure, campus services and commercial services; Finance: financial management, treasury and strategic procurement; Information Strategy and Technology Services: central IT infrastructure, IT systems and services and the Library.

Paul commenced in the role of Chief Operating Officer in November 2009. Prior to this he was appointed to UniSA in 2001 as Executive Director and Vice President: Finance and Resources. He previously worked in senior roles in the private and public sectors. In the South Australian electricity industry during a period of significant organisational and industry change, his roles included Chief Financial Officer of ETSA Power and Manager Finance with the new private sector owner, AGL. Prior to this he worked as a senior manager with Deloitte in Adelaide and the United Kingdom.

Paul is a chartered accountant and completed the Advanced Management Program at the Harvard Business School in 2007. Paul is a director on the boards of UniSA Ventures: the technology commercialisation company of UniSA; and Open Universities Australia (OUA): a national leader in online higher education.



Ms Jane Booth

**Jane Booth BA (Hons)**  
**Chief People and Culture Officer**

Jane is an experienced leader with proven expertise in people and talent development, culture transformation and change. Jane joined UniSA in a new role as Executive Director People, Talent and Culture in December 2016.

Her key responsibilities include: Leading the Human Resource functions of the University including Workplace Strategy, Organisational Development, Wellbeing and Employee Benefits, Employee Relations, Recruitment Central, Payroll and Superannuation; Supporting the team who deliver people services to our academic and professional staff; and enabling them to support UniSA's aspirations with and through our people.

Jane has previously worked as Executive Director: People, Talent and Culture at SA Health, was a General Manager at Adelaide City Council leading economic development, strategy and innovation, people and culture and information and communication technology and prior to that was an associate director at PwC in management consulting. Before emigrating to South Australia Jane had an extensive career in the national media in the UK. She is a member of the executive committee of AHEIA, the Australian Higher Education Industrial Association and the Risk and Performance Committee for the Office of the Commissioner for Public Sector Employment (OCPSE).



Mr Tom Steer

**Tom Steer GAICD, MBIS, BBIS**  
**Chief Academic Services Officer**

Tom Steer is the Chief Academic Services Officer for UniSA. In this role, Tom leads a portfolio that includes Student and Academic Services, UniSA International, the Student Engagement Unit and Regional Campuses.

Tom joined UniSA in 2017 to lead the start-up and launch of UniSA Online, the online education arm of UniSA. Prior to joining the University, Tom was Chief of Staff for Hewlett Packard Enterprise Australia & New Zealand, a Fortune 50 company and global leader in IT products and services. During his career with Hewlett Packard, Tom lived and worked in London and Canberra, undertaking a range of client-facing executive roles with large public sector customers.

Tom has a Master of Business Information Systems degree from UniSA, is a Graduate of the Australian Institute of Company Directors and an alum of Harvard Business School, where he completed the Advanced Management Program on-campus in Boston in 2023.

## University of South Australia Organisational Structure





## Administration

### The Vice Chancellor

The Vice Chancellor and President is the University's Chief Executive Officer, and is responsible for its management and administration. The Vice Chancellor is appointed by, and reports to, University Council, which delegates to the Vice Chancellor a range of powers and functions. The Vice Chancellor, in turn, authorises appropriate staff to manage the University's affairs. The responsibilities of each type of management position are detailed in the Vice Chancellor's Authorisations.

### Senior management

The University's senior managers are the Deputy Vice Chancellor Research and Enterprise, the Provost and Chief Academic Officer, the Chief Academic Services Officer, the Chief Operating Officer and the Chief People and Culture Officer. With the Vice Chancellor, they form the Enterprise Leadership Team, which meets regularly and provides advice to the Vice Chancellor on operational and policy matters. Senior managers lead the University's academic units or co-ordinating portfolios.

### Freedom of information

The *Freedom of Information Act 1991* gives individuals a legally enforceable right to access documents held by South Australian universities, subject to certain restrictions. UniSA strives to be an open and accountable organisation in accordance with the Act.

During 2023, we received 13 applications to access records under the Act. Out of the 13 applications, seven resulted in no records found and six resulted in partial release of the requested documents.

## Risk Management

The University Council's Risk Management Policy establishes principles to ensure that risk management is integral to all processes, helps to achieve objectives, and contributes to ongoing performance improvement.

Key elements of the framework include:

- the maintenance and reporting of risk registers that identify key risks at organisational unit level;
- the maintenance and reporting of a university-wide risk register;
- the systematic risk assessment of all projects;
- a systematic approach to the identification, assessment and audit of legislative risk; and
- annual risk assessments of all controlled, associated and partly-owned entities.

We maintain our capacity to respond appropriately to crises through a framework of trained emergency response groups, and a high-level crisis management committee. In addition, management annually certifies to Council that the University risk management and internal compliance and control systems are operating effectively in all material respects. This certification is supported by a process involving questionnaires on control and risk management that are completed by all senior managers and major organisational units.

## Council committees

The Council has a number of standing committees, the performance and effectiveness of each is part of Council's annual review process.

During 2023 these committees were:

- Academic Board;
- Audit, Finance and Risk Committee
- Urgent Business Committee;
- Senior Remuneration Committee;
- Governance and Nominations Committee;
- Student Appeals Committee.

Committees of Academic Board:

- Academic Standards and Quality Committee;
- Research Degrees Committee;
- Research Leadership Committee;
- Research Integrity Committee.

## Legislation requirements

UniSA is governed by the *University of South Australia Act 1990*. Under sections 4–6 of the Act, the University is constituted as a body corporate with the usual associated powers. It has a seal, and it may sue and be sued in its corporate name.

### The University's functions

Under the Act, the University's functions are to:

- preserve, extend and disseminate knowledge through teaching, research, scholarship, consultancy or any other means;
- provide tertiary education in such disciplines and areas of study as the University thinks appropriate to meet the needs of industry, commerce, the professions or any other section of the community;
- provide such tertiary education programs as the University thinks appropriate to meet the needs of Australia's Indigenous people;
- provide such tertiary education programs as the University thinks appropriate to meet the needs of groups within the community whom the University considers have suffered disadvantage in education;
- provide educational programs for the benefit of the wider community or programs for the enhancement of the diverse cultural life of the community, as the University thinks fit;
- foster and further an active corporate life within the University;
- perform any functions ancillary or incidental to the functions referred to above; and
- strive for excellence in teaching and research, and to attain the highest standards in education.

## TEQSA Registration

In October 2021, TEQSA (Tertiary Education Quality Standards Association) extended the University's registration in the category of Australian University from 28 September 2023 to 28 September 2025.

### The University's powers

The powers of the University, described in Section 6 of the Act, may be exercised inside or outside South Australia and Australia.

For example, the University may:

- enter into contracts;
- acquire, hold, dispose of, and deal with property; and
- confer academic awards jointly with another University or registered training organisation.

## University Council

Under Section 10 of the Act, the University Council is responsible for the accountability and control of University affairs. The Act also defines financial responsibilities and specific matters on which statutes can be made. The Council must, in all matters, endeavour to advance the interests of the University.

### Academic freedom

The University has a well-embedded Freedom of Speech Policy, Public Statements Procedure, and Statement on Academic Freedom to ensure that academic freedom and freedom of speech are protected.

These policy documents are closely aligned to the *Model Code for the Protection of Freedom of Speech and Academic Freedom in Australian Higher Education Providers*. No issues of concern have been raised with University governing bodies regarding freedom of speech and academic freedom during the 12-month reporting period of this Annual Review.

## Council responsibilities

Council's main responsibilities are assigned in part 3 of the Act.

They include:

- appointing the Vice Chancellor as Chief Executive Officer of the University;
- approving the mission and strategic direction of the University, as well as the annual budget and business plan;
- overseeing the management and performance of the University;
- establishing policy and procedural principles consistent with legal requirements and community expectations;
- approving and monitoring systems of control and accountability, including general overview of any;
- entities controlled by the University;
- overseeing and monitoring the assessment and management of risk across the University, including commercial undertakings;
- overseeing and monitoring academic activities across the University; and
- approving significant commercial activities of the University.



# Annual financial statements











# University of South Australia

## Report by the members of the University Council

Members of the University Council present their report on the Group consisting of University of South Australia (the University) and the entities it controlled at the end of, or during, the year ended 31 December 2023.

### 2023 Council members

The following persons were members of University Council during the year and up to the date of this report (unless otherwise noted):

Ms Pauline Carr, Chancellor  
Professor David Lloyd, Vice Chancellor and President  
Hon John Hill, Deputy Chancellor  
Mr Jim Hazel, Pro Chancellor  
Mr Michael Abbott AO KC (until 31 December 2023)  
Ms Riya Kaur Bhaizada (until 31 December 2023)  
Dr Kit MacFarlane (until 31 December 2023)  
Ms Vanessa Matthews (until 31 December 2023)  
Mr William (Bill) Muirhead AO (until 31 December 2023)  
Ms Mary Patetsos AM  
Ms Nicolle Rantanen Reynolds  
Mr Ian Smith AM  
Mr Isaac Solomon (until 31 December 2023)  
Professor Deirdre Tedmanson  
Mr Jim Whalley AO (until 31 December 2023)

The remuneration of Council members is detailed in Note 26(b) of the Financial Statements.

### Changes in Council membership since 31 December 2023

Mr Michael Abbott AO KC (re-appointed, term commenced 1 January 2024)  
Ms Vanessa Matthews (re-elected, term commenced 1 January 2024)  
Ms Carolyn Mitchell (appointed, term commenced 1 January 2024)  
Mr William (Bill) Muirhead AO (re-appointed, term commenced 1 January 2024)  
Mr Benjamin Opiyo (elected, term commenced 1 January 2024)  
Mr Oliver Shephard-Bayly (term commenced 1 January 2024)  
Professor Craig Williams (elected, term commenced 1 January 2024)

## Meetings of members of the University Council

The numbers of meetings of the members of the University Council and of each Council committee held during the year ended 31 December 2023, and the numbers of meetings attended by each member were:

Member of Council	Meetings of Council Committees													
	Council Meetings		Academic Board		Audit, Finance and Risk		Urgent Business		Senior Remuneration		Governance and Nominations		**Student Appeals Committee	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Ms Pauline Carr	8	8					2	2	3	3	4	4		
*Professor David Lloyd	8	8	5	7			1	1	2	3	3	4		
Hon John Hill	8	8					2	2	3	3	4	4		
Mr Jim Hazel	8	8			5	5	2	2	3	3				
Mr Michael Abbott AO KC	8	8									4	4		
Ms Vanessa Matthews	7	8					2	2			2	2		
Mr Isaac Solomon	8	8	5	7							3	4	8	10
Ms Mary Patetos AM	7	8			4	5								
Ms Tanveen Kaur Bhaizada	6	8											1	1
Ms Nicolle Rantanen Reynolds	7	8			4	5							7	10
Dr Kit MacFarlane	8	8					2	2			2	2		
Professor Deirdre Tedmanson	8	8	7	7										
Mr Jim Whalley AO	8	8			4	5								
Mr Ian Smith AM	7	8												
Mr William (Bill) Muirhead AO	5	8												

A = Number of meetings attended.

B = Number of meetings held during the time the member held office or was a member of the committee during the year.

*\*\*Chaired by former external Member of Council*



## Principal activities

The principal continuing activities of the Group are:

- To preserve, extend and disseminate knowledge through teaching, research, scholarship, consultancy or any other means;
- To provide tertiary education in such disciplines and areas of study as the University thinks appropriate to meet the needs of industry, commerce, the professions or any other section of the community;
- To provide such tertiary education programs as the University thinks appropriate to meet the needs of Aboriginal people;
- To provide such tertiary education programs as the University thinks appropriate to meet the needs of groups within the community that the University considers have suffered disadvantages in education;
- To provide educational programs for the benefit of the wider community or programs for the enhancement of the diverse cultural life of the community, as the University thinks fit; and
- To foster and further an active corporate life within the University.

There were no significant changes in the nature of the activities of the Group during the 2023 year.

## Review of operations

The 2023 consolidated deficit was \$17.1 million (2022: \$7.7 million deficit). The deficit resulted in a safety margin (operating result as a percentage of total income) of -2.4% (2022: -1.2%). Income increased by 7.2% to \$715.5 million while expenses increased by 8.5% to \$732.7 million.

The University's consolidated financial position remained sound during the 2023 year with net assets of \$1,462 million (2022: \$1,477 million). Cash balances increased to \$526.6 million at year end (2022: \$452.2 million).

Consolidated cash flows from operating activities in 2023 were \$38.3 million (2022: \$43.2 million).

## Significant changes in the state of affairs

In the opinion of the members of the University Council, except for the circumstances outlined below, there were no significant changes in the state of affairs of the Group that occurred during the 2023 year.

On 2 July 2023, the respective Councils of the University of South Australia and The University of Adelaide entered into a Heads of Agreement to record the terms and conditions on which both universities would support the creation of a future, combined university, *Adelaide University*, should the South Australian Parliament so legislate.

On 14 December 2023, the Adelaide University Act 2023 was proclaimed by the South Australian Governor and became operative.

Under the Adelaide University Act (2023), the new *Adelaide University* legal entity was established on 8 March 2024 along with the Transition Council as the initial governing body. The Transition Council is responsible for overseeing the transition and commencement of tertiary education and research being provided and conducted by The University of Adelaide or the University of South Australia, and preparing Adelaide University to commence providing courses and other tertiary programs.

The *Adelaide University* has a target operational date of 1 January 2026 and, under Schedule 1 of the Act, it is expected that the University of South Australia Act 1990 will be repealed on 31 March 2026, and the University of South Australia disestablished as a legal entity.

### **Subsequent events**

There has not arisen in the interval between the end of the 2023 year and the date of this report any item, transaction or event of a material and unusual nature likely, in the opinion of the members of the University Council, to affect significantly the operations of the Group, the results of those operations, or the state of affairs of the Group, in future financial years.

### **Environmental regulation**

The Group's operations are subject to various environmental regulations under both Commonwealth and State legislation. The significant environmental regulations applying to the Group are Dangerous Substance Act (1979), Radiation Protection and Control Act (1982) and the Environmental Protection Act (1993).

Members of the University Council are not aware of any significant breaches during the period covered by this report.

### **Insurance of officers**

The University has paid insurance premiums in respect to Directors and Officers liability, Directors and Officers supplementary legal expenses and statutory liability, for current and former members of University Council and officers.

Directors and Officers liability insurance does not cover acts that are fraudulent, dishonest or criminal. Statutory liability insurance does not cover breaches that are wilful, intentional or deliberate.

### **Legal proceedings on behalf of the Group**

There are no legal proceedings on behalf of the Group that have arisen during the 2023 year or subsequent to year end that affect significantly the operations of the Group.

This report is made in accordance with a resolution of the members of the University Council in Adelaide, South Australia on 2 May 2024.



**Ms Pauline Carr**  
Chancellor



**Professor David G. Lloyd**  
Vice Chancellor and President





## STATEMENT OF COMPREHENSIVE INCOME

### FOR THE YEAR ENDED 31 DECEMBER 2023

		Consolidated		University	
		2023	2022	2023	2022
	Notes	\$'000	\$'000	\$'000	\$'000
<b>Revenue and income from continuing operations</b>					
<b>Australian Government financial assistance</b>					
Australian Government grants	2	296,317	294,051	296,984	293,793
HECS-HELP - Australian Government payments	2	133,246	135,313	133,246	135,313
FEE-HELP	2	8,081	8,347	8,081	8,347
SA-HELP	2	3,174	3,384	3,174	3,384
State and Local Government financial assistance	3	8,971	10,677	8,946	10,677
HECS-HELP - Student payments		13,532	12,846	13,532	12,846
Fees and charges	4	161,004	129,856	161,004	129,856
Royalties		393	674	176	162
Consultancy and contract research	5	52,644	52,316	52,235	52,329
Other revenue	6	16,133	11,438	14,447	11,126
Investment income	8	21,786	8,598	21,775	9,590
Gain / (Loss) on disposal of assets	9	191	-	191	8
<b>Total revenue and income from continuing operations</b>		<b>715,472</b>	<b>667,500</b>	<b>713,791</b>	<b>667,431</b>
<b>Expenses from continuing operations</b>					
Employee-related expenses	10	461,607	429,267	460,323	428,240
Depreciation and amortisation	18,19	44,041	42,175	43,961	42,169
Repairs and maintenance		16,464	17,384	16,461	17,384
Interest on lease liabilities		585	487	585	487
Impairment of property, plant and equipment	18	213	389	213	389
Other expenses	11	209,516	184,459	208,917	184,774
Bad and doubtful debts		231	1,325	231	1,325
<b>Total expenses from continuing operations</b>		<b>732,657</b>	<b>675,486</b>	<b>730,691</b>	<b>674,768</b>
<b>Operating result before income tax</b>		<b>(17,185)</b>	<b>(7,986)</b>	<b>(16,900)</b>	<b>(7,337)</b>
Income tax (income) / expense		(48)	(285)	16	42
<b>Operating result attributable to members of University of South Australia</b>		<b>(17,137)</b>	<b>(7,701)</b>	<b>(16,916)</b>	<b>(7,379)</b>
<b>Items that will not be reclassified to profit or loss:</b>					
Gain on revaluation of Land, Buildings and Infrastructure		-	118,041	-	118,041
Loss on revaluation of Non-current asset held for sale		-	(91)	-	(91)
Gain / (Loss) on equity instruments designated at fair value through other comprehensive income	15	1,706	(15,757)	1,525	(16,082)
<b>Total</b>		<b>1,706</b>	<b>102,193</b>	<b>1,525</b>	<b>101,868</b>
<b>Total comprehensive income attributable to the members of the University of South Australia</b>		<b>(15,431)</b>	<b>94,492</b>	<b>(15,391)</b>	<b>94,489</b>

The above Statement of Comprehensive Income should be read in conjunction with the accompanying notes.

**STATEMENT OF FINANCIAL POSITION**

AS AT 31 DECEMBER 2023

	Notes	Consolidated		University	
		2023	2022	2023	2022
		\$'000	\$'000	\$'000	\$'000
<b>Current assets</b>					
Cash and cash equivalents	12	526,626	452,169	525,400	450,473
Receivables	13	21,306	41,444	21,228	41,269
Other financial assets	15	10,175	4,919	10,175	4,919
Deferred Government superannuation contribution	31	29,926	28,600	29,926	28,600
Other non-financial assets	16	27,546	23,645	27,546	23,643
Non-current assets held-for-sale	17	23,129	-	23,129	-
<b>Total current assets</b>		<b>638,708</b>	<b>550,777</b>	<b>637,404</b>	<b>548,904</b>
<b>Non-current assets</b>					
Receivables	13	22,759	-	22,759	-
Other financial assets	15	35,327	31,980	37,869	34,540
Property, plant and equipment	18	1,089,851	1,190,134	1,089,851	1,190,134
Deferred tax assets		917	853	-	-
Intangible assets	19	1,580	1,561	1,094	1,561
Deferred Government superannuation contribution	31	265,136	241,422	265,136	241,422
<b>Total non-current assets</b>		<b>1,415,570</b>	<b>1,465,950</b>	<b>1,416,709</b>	<b>1,467,657</b>
<b>Total assets</b>		<b>2,054,278</b>	<b>2,016,727</b>	<b>2,054,113</b>	<b>2,016,561</b>
<b>Current liabilities</b>					
Trade and other payables	20	48,157	34,645	47,989	34,505
Provisions	22	91,466	89,413	91,466	89,413
Lease liabilities	21	3,740	2,612	3,740	2,612
Current tax liabilities		5	89	5	97
Contract liabilities	23	72,846	75,691	72,846	75,691
Other liabilities	24	22,331	14,821	22,302	14,795
Defined benefit obligation	31	29,926	28,600	29,926	28,600
<b>Total current liabilities</b>		<b>268,471</b>	<b>245,871</b>	<b>268,274</b>	<b>245,713</b>
<b>Non-current liabilities</b>					
Lease liabilities	21	14,135	10,019	14,135	10,019
Provisions	22	16,672	11,622	16,672	11,622
Contract Liabilities	23	26,209	27,951	26,209	27,951
Other liabilities	24	1,890	2,646	1,890	2,646
Defined benefit obligation	31	265,136	241,422	265,136	241,422
<b>Total non-current liabilities</b>		<b>324,042</b>	<b>293,660</b>	<b>324,042</b>	<b>293,660</b>
<b>Total liabilities</b>		<b>592,513</b>	<b>539,531</b>	<b>592,316</b>	<b>539,373</b>
<b>Net assets</b>		<b>1,461,765</b>	<b>1,477,196</b>	<b>1,461,797</b>	<b>1,477,188</b>
<b>Equity</b>					
Reserves	25	343,345	385,101	345,365	387,302
Retained earnings		1,118,420	1,092,095	1,116,432	1,089,886
<b>Total equity</b>		<b>1,461,765</b>	<b>1,477,196</b>	<b>1,461,797</b>	<b>1,477,188</b>

The above Statement of Financial Position should be read in conjunction with the accompanying notes.



## STATEMENT OF CHANGES IN EQUITY

### FOR THE YEAR ENDED 31 DECEMBER 2023

	Note	Consolidated			University		
		Reserves	Retained Earnings	Total	Reserves	Retained Earnings	Total
		\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Balance at 1 January 2022</b>		336,112	1,046,592	1,382,704	338,638	1,044,061	1,382,699
Profit or loss		-	(7,701)	(7,701)	-	(7,379)	(7,379)
Loss on revaluation of Non-current asset held for sale		(91)	-	(91)	(91)	-	(91)
Gain on revaluation of Land, Buildings and Infrastructure		118,041	-	118,041	118,041	-	118,041
Gain / (Loss) on equity instruments designated at fair value through other comprehensive income	15	(15,757)	-	(15,757)	(16,082)	-	(16,082)
Transfer of fair value reserve of equity instruments designated at fair value through other comprehensive income to retained earnings		(52,300)	52,300	-	(52,300)	52,300	-
Transfer of fair value reserve of Art Collection to retained earnings		(904)	904	-	(904)	904	-
<b>Total comprehensive income</b>							
		48,989	45,503	94,492	48,664	45,825	94,489
<b>Balance at 31 December 2022</b>		385,101	1,092,095	1,477,196	387,302	1,089,886	1,477,188

The above Statement of Changes in Equity should be read in conjunction with the accompanying notes.

## STATEMENT OF CHANGES IN EQUITY

### FOR THE YEAR ENDED 31 DECEMBER 2023

	Note	Consolidated			University		
		Reserves	Retained Earnings	Total	Reserves	Retained Earnings	Total
		\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Balance at 1 January 2023</b>		385,101	1,092,095	1,477,196	387,302	1,089,886	1,477,188
Profit or loss		-	(17,137)	(17,137)	-	(16,916)	(16,916)
Gain / (Loss) on equity instruments designated at fair value through other comprehensive income	15	1,706	-	1,706	1,525	-	1,525
Transfer of fair value reserve of Land, Buildings and Infrastructure to retained earnings		(43,927)	43,927	-	(43,927)	43,927	-
Transfer of fair value reserve of equity instruments designated at fair value through other comprehensive income to retained earnings		465	(465)	-	465	(465)	-
<b>Total comprehensive income</b>		(41,756)	26,325	(15,431)	(41,937)	26,546	(15,391)
<b>Balance at 31 December 2023</b>		343,345	1,118,420	1,461,765	345,365	1,116,432	1,461,797

The above Statement of Changes in Equity should be read in conjunction with the accompanying notes.





## STATEMENT OF CASH FLOWS

### FOR THE YEAR ENDED 31 DECEMBER 2023

	Notes	Consolidated		University	
		2023	2022	2023	2022
		\$'000	\$'000	\$'000	\$'000
<b>Cash flows from operating activities:</b>					
Inflows:					
Australian Government grants received		447,342	438,565	448,009	438,565
OS-HELP (Net)	40(g)	1,199	(275)	1,199	(275)
Superannuation supplementation	40(h)	23,253	22,006	23,253	22,006
State and Local Government Grants		8,597	9,772	8,572	9,772
HECS-HELP - Student payments		13,533	12,825	13,533	12,825
Receipts from student fees and other customers		165,129	153,381	165,129	153,381
Dividends received		639	5,524	639	6,524
Interest received		16,802	3,869	16,791	3,861
Royalties		393	674	176	162
Consultancy and contract research		44,667	54,814	44,258	54,561
Other receipts		21,631	11,834	19,836	11,311
GST recovered		9,771	7,884	9,782	7,964
Outflows:					
Payments to suppliers and employees		(714,033)	(677,232)	(711,890)	(675,470)
Interest paid		(585)	(487)	(585)	(487)
<b>Net cash provided by / (used in) operating activities</b>	37	<b>38,338</b>	<b>43,154</b>	<b>38,702</b>	<b>44,700</b>
<b>Cash flows from investing activities:</b>					
Inflows:					
Proceeds from sale of property, plant and equipment		64,501	1,013	64,501	1,013
Proceeds from sale of Investments		5,820	56,478	5,820	56,478
Outflows:					
Payments for property, plant and equipment		(23,698)	(31,769)	(23,427)	(31,769)
Loans to related parties		-	-	(450)	-
Payment for investments		(7,460)	(9,579)	(7,175)	(9,394)
<b>Net cash provided by / (used in) investing activities</b>		<b>39,163</b>	<b>16,143</b>	<b>39,269</b>	<b>16,328</b>
<b>Cash flows from financing activities:</b>					
Repayment of lease liabilities		(3,044)	(2,451)	(3,044)	(2,451)
<b>Net cash used in financing activities</b>		<b>(3,044)</b>	<b>(2,451)</b>	<b>(3,044)</b>	<b>(2,451)</b>
<b>Net increase / (decrease) in cash and cash equivalents</b>		<b>74,457</b>	<b>56,846</b>	<b>74,927</b>	<b>58,577</b>
<b>Cash and cash equivalents at the beginning of the financial year</b>		<b>452,169</b>	<b>395,323</b>	<b>450,473</b>	<b>391,896</b>
<b>Cash and cash equivalents at the end of the financial year</b>	12	<b>526,626</b>	<b>452,169</b>	<b>525,400</b>	<b>450,473</b>

The above Statement of Cash Flows should be read in conjunction with the accompanying notes.



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## **1. Summary of significant accounting policies**

### **General information**

The principal accounting policies adopted in the preparation of these financial statements are set out below and where applicable, throughout the notes to the accounts. These policies have been consistently applied to all the years reported, unless otherwise stated. The financial statements include separate statements for the University of South Australia (the University) and the University and its subsidiaries (the Group).

#### **(a) Basis of preparation**

The annual financial statements represent the audited general purpose financial statements which have been prepared on an accrual basis in accordance with Australian Accounting Standards (AAS), AASB Interpretations, requirements of the Department of Education (EDUCATION), the requirements of the *Australian Charities and Not-for-Profits Commission Act 2012* and other State / Australian Government legislative requirements.

The University applies Tier 1 reporting requirements. Except where in conflict with EDUCATION requirements, the financial statements are prepared in accordance with the relevant South Australian Treasurer's Instructions issued under the provisions of the *Public Finance and Audit Act 1987*.

#### **Historical cost convention**

The financial statements have been prepared on an accrual basis and under the historical cost convention, except for certain assets and liabilities that were valued in accordance with the applicable valuation policy.

#### **Critical accounting estimates**

The preparation of these statements requires the use of certain critical accounting estimates. It also requires management to exercise judgement in the process of applying the University's accounting policies. All significant estimates or assumptions made in the preparation of the financial statements are described in the relevant accounting policy notes. The estimates and underlying assumptions are reviewed regularly.

The areas involving a high degree of judgement where assumptions and estimates are significant to the financial statements are other financial assets, superannuation receivable and associated defined benefit obligation, long service leave provision, valuation and depreciation of property, plant and equipment and the recognition of revenue over time in accordance with AASB 15. Further details are disclosed in the relevant notes to the financial statements.

Actual results may differ from these estimates. The estimates and underlying assumptions are reviewed regularly. Revisions to accounting estimates are recognised in the period which it effects. If the revision affects both current and future periods, the revision is recognised in the period of the revision and future periods.

#### **Rounding of amounts**

Unless otherwise indicated, all amounts are rounded to the nearest thousand dollars.

#### **Comparative amounts**

Where necessary, comparative information has been reclassified to enhance comparability in respect of changes in presentation adopted in the current year.



**1. Summary of significant accounting policies (continued)**

**(a) Basis of preparation (continued)**

**Foreign currency translation**

Foreign currency transactions are translated into Australian dollars using the exchange rates prevailing at the dates of the transactions. Foreign exchange gain and loss resulting from the settlement of such transactions and from the translation at year-end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in the Statement of Comprehensive Income.

**(b) Basis of consolidation**

The consolidated financial statements represent the financial statements of the parent entity, being the University of South Australia, and the assets, liabilities and results of all entities it controlled in accordance with AASB 10 *Consolidated Financial Statements* at the end of, or during the financial year. Control is established when the parent is exposed to or has rights to variable returns from its involvement with the entity and has the ability to affect those returns through its power to direct the relevant activities of the entity.

Transactions, balances and unrealised gain on transactions between Group entities are eliminated. Where necessary, accounting policies of subsidiaries have been changed to ensure consistency with the policies adopted by the Group.

A list of controlled entities are contained in Note 32. Subsidiaries.

**(c) Goods and Services Tax (GST)**

Revenues and expenses are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Australian Taxation Office (ATO). In these circumstances the GST is recognised as part of the cost of acquisition of the asset or as part of an item of the expense.

Receivables and payables are stated with the amount of GST included. The net amount of GST recoverable from, or payable to, the ATO is included in receivables or payables in the Statement of Financial Position.

Cash flows are presented in the Statement of Cash Flows on a gross basis. The GST components of cash flows arising from investing and financing activities which are recoverable from, or payable to, the ATO are classified as operating cash flows.

**(d) Income tax**

The University is exempt from income tax pursuant to Division 50 of the *Income Tax Assessment Act 1997*. The University subsidiaries are not exempt from income tax.

Income tax expense or benefit for the period is calculated as the tax payable on the current period's taxable income based on the income tax rate adjusted by changes in deferred tax assets and liabilities attributable to temporary differences between the tax bases of assets and liabilities and their carrying amounts in the financial statements, and to unused tax losses. Deferred tax assets and liabilities are recognised for temporary differences at the tax rates expected to apply when the assets are recovered or liabilities extinguished.

In relation to foreign operations, the University is subject to tax associated with the legislation of the relevant foreign country. Tax in respect of these operations has been brought to account in the year it is incurred.

**(e) Revenue and Income**

Notes 2 to 6 disclose the revenue and income received during the year according to the mandatory disclosures required by EDUCATION. The disclosures required by AASB 15 and AASB 1058 are included in the notes and a reconciliation is included in Note 7 Reconciliation of revenue and income.





1. Summary of significant accounting policies (continued)

(e) Revenue and Income (continued)

(i) Basis for disaggregation

**Sources of funding:** the Group receives the majority of funds from the Australian Government as well as State and Local Government to further its objectives. In addition the Group also receives revenue and income from private organisations and individuals.

**Revenue and income streams:** the major revenue and income streams are as follows:

Teaching: the Group has domestic and overseas students enrolled in a variety of programs for different qualification levels. Whilst the number of domestic students is affected by national economic factors such as interest rates or unemployment, the overseas students are impacted by changes in immigration policies.

Research: the Group performs research activities across multiple fields. The Group enters into many different types of research agreements with different counterparties, such as with private sector customers and Government agencies that award research grants. Each agreement needs to be assessed as to whether it is an enforceable arrangement and contains sufficiently specific promises to transfer outputs from the research to the customer (or at the direction of the customer). Judgement is required in making this assessment. The Group has concluded that some research agreements represent a contract with a customer whereas other research grants are recognised as income when the Group obtains control of the research funds.

Other fees and charges: these correspond to the complementary services provided by the Group such as parking and access to fitness and recreational activities.



## 1. Summary of significant accounting policies (continued)

### (e) Revenue and Income (continued)

#### **Revenue from Contracts with Customers as per AASB 15**

##### **(ii) Accounting policies and significant accounting judgement and estimates**

###### **Course fees and charges**

Course fees and charges revenue relate to undergraduate programs, graduate and professional degree programs and continuing education and executive programs.

Revenue is recognised over time as and when the course is delivered to students over the study period.

When the courses have been paid in advance by students or the Group has received the government funding in advance (e.g. before starting the academic period) the Group recognises a contract liability until the services are delivered.

The Group does have refund obligations. This is mainly applicable when the goods are not provided or contracted services are not delivered.

There is no significant financing component as the period from when the student pays and the service is provided is less than 12 months and the consideration is not variable.

###### **Research**

Revenue recognition for research funding is dependent upon the source of the funding and the nature of the transaction.

The following specific research revenue recognition criteria have been applied:

- Funding received from Australian Research Council, National Health and Medical Research Council, and from non government entities. These are enforceable agreements and the performance obligations in those agreements are sufficiently specific.
- Research grants that are considered within the scope of AASB 15 meet the enforceability criteria due to the existence of refund clauses in the agreements with the grantor and the promises to transfer good or services to the customer (or on behalf of the customer) are sufficiently specific. The obligations may include:
  - Comprehensive academic paper with the results of the research after completion
  - Publishing research data and results on an ongoing basis in an openly accessible repository as requested by the grantor
  - Intellectual property

Depending on the nature of the promise, the Group either recognises revenue at a point in time when the promise is delivered (e.g. when the comprehensive academic paper is published) or recognises revenue over time as the service is performed (e.g. as the customer obtains control of the intellectual property as it is created).





**1. Summary of significant accounting policies (continued)**

**(e) Revenue and Income (continued)**

**(ii) Accounting policies and significant accounting judgement and estimates (continued)**

**Other fees and charges**

Other fees and charges revenue relate to the provision of services such as student services and amenities fees, parking fees, fitness and recreational services.

Revenue is recognised over time as and when the service is provided over the period.

**Royalties**

Royalties that are within the scope of AASB 15 mainly relate to the use of intellectual property. The revenue is recognised at a point in time when the use of intellectual property has occurred.

**Contract Assets**

Contract Assets represent research grants which have met performance obligations in accordance with funding agreements, however, funding has not been received.

**Contract Liabilities**

Contract Liabilities represent research and teaching grants for which funding has been received by the University, to provide future services to funding providers and students.

**(iii) Unsatisfied performance obligations**

Remaining performance obligations represent services the Group has promised to provide to customers which are satisfied as the goods or services are provided over the contract term. For customer contracts with terms of one year or less, or where revenue is recognised using the 'right to invoice' method of recognising revenue, as permitted under AASB 15, disclosures are not required in relation to the transaction price allocated to these unsatisfied performance obligations.

Contract liabilities for unsatisfied performance obligations are included in Note 23. Contract Liabilities are classified as either current or non-current based on the expected completion date of the performance obligations.



**1. Summary of significant accounting policies (continued)**

**(e) Revenue and Income (continued)**

**Income of not-for-profit as per AASB 1058**

**(iv) Accounting policies and significant judgements and estimates**

**Capital grants**

Capital grants are generally received to acquire or construct a non-financial asset, such as a building. Income is recognised over time, as the building is constructed. Income is recognised to the extent of costs incurred to date as the costs of construction are the best measure of the stage of completion.

**Donations and bequests**

The income is recognised immediately when the funds are received.



**2. Australian Government financial assistance including Australian Government loan programs (HELP)****Australian Government financial assistance**

	<b>Note</b>	<b>Consolidated</b>		<b>University</b>	
		<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
		<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Commonwealth Grants Scheme and other grants	40(a)	<b>218,057</b>	215,370	<b>218,057</b>	215,370
Higher Education Loan Programs	40(b)	<b>144,501</b>	147,044	<b>144,501</b>	147,044
EDUCATION Research	40(c)	<b>34,599</b>	31,893	<b>34,599</b>	31,893
Other capital funding	40(e)	<b>8</b>	65	<b>8</b>	65
Australian Research Council	40(f)	<b>7,523</b>	6,438	<b>7,523</b>	6,438
<b>Total CGS, HELP, Scholarships and Research grants</b>		<b>404,688</b>	400,810	<b>404,688</b>	400,810
<b>Other Non-Capital Australian Government financial assistance</b>					
Research		<b>29,409</b>	33,504	<b>30,076</b>	33,246
Other		<b>6,721</b>	6,781	<b>6,721</b>	6,781
<b>Total Other Australian Government financial assistance</b>		<b>36,130</b>	40,285	<b>36,797</b>	40,027
<b>Total Australian Government financial assistance</b>		<b>440,818</b>	441,095	<b>441,485</b>	440,837

**3. State and Local Government financial assistance**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Non-capital research grants	<b>8,043</b>	10,057	<b>8,043</b>	10,057
Non-capital other	<b>928</b>	620	<b>903</b>	620
<b>Total State and Local Government financial assistance</b>	<b>8,971</b>	10,677	<b>8,946</b>	10,677

#### 4. Fees and charges

		Consolidated		University	
		2023	2022	2023	2022
Note		\$'000	\$'000	\$'000	\$'000
<b>Course fees and charges</b>					
Fee-paying onshore overseas students		140,729	112,600	140,729	112,600
Fee-paying offshore overseas students		620	774	620	774
Continuing education		3,190	2,633	3,190	2,633
Fee-paying domestic postgraduate students		2,290	2,218	2,290	2,218
Fee-paying domestic non-award students		446	391	446	391
<b>Total course fees and charges</b>		<b>147,275</b>	<b>118,616</b>	<b>147,275</b>	<b>118,616</b>
<b>Other fees and charges</b>					
Miscellaneous enrolment fees		6,207	4,147	6,207	4,147
Other fees and charges		3,934	4,116	3,934	4,116
Seminar / workshop fees		2,159	1,601	2,159	1,601
Student services fees from students	40(i)	1,429	1,376	1,429	1,376
<b>Total other fees and charges</b>		<b>13,729</b>	<b>11,240</b>	<b>13,729</b>	<b>11,240</b>
<b>Total fees and charges</b>		<b>161,004</b>	<b>129,856</b>	<b>161,004</b>	<b>129,856</b>

#### 5. Consultancy and contract research

		Consolidated		University	
		2023	2022	2023	2022
		\$'000	\$'000	\$'000	\$'000
Consultancy		<b>3,141</b>	3,577	<b>3,141</b>	3,562
Contract research		<b>49,503</b>	48,739	<b>49,094</b>	48,767
<b>Total consultancy and contract research</b>		<b>52,644</b>	52,316	<b>52,235</b>	52,329

#### 6. Other revenue

		Consolidated		University	
		2023	2022	2023	2022
		\$'000	\$'000	\$'000	\$'000
Donations and bequests		<b>2,035</b>	2,005	<b>2,035</b>	2,005
Scholarships and prizes		<b>710</b>	549	<b>710</b>	549
Other fees and charges		<b>8,323</b>	5,225	<b>6,699</b>	4,947
Other		<b>5,065</b>	3,659	<b>5,003</b>	3,625
<b>Total other revenue</b>		<b>16,133</b>	11,438	<b>14,447</b>	11,126




**7. Reconciliation of revenue and income**

The following table reconciles the amounts disclosed in Notes 2 to 6 which contain the mandatory disclosures required by EDUCATION as per AASB 15 and AASB 1058:

	Note	Consolidated		University	
		2023	2022	2023	2022
		\$'000	\$'000	\$'000	\$'000
Australian Government financial assistance including Australian Government loan Programs (HELP)	2	440,818	441,095	441,485	440,837
State and Local Government financial assistance	3	8,971	10,677	8,946	10,677
HECS-HELP - Student Payments		13,532	12,846	13,532	12,846
Fees and charges	4	161,004	129,856	161,004	129,856
Royalties		393	674	176	162
Consultancy and contract research	5	52,644	52,316	52,235	52,329
Other income	6	16,133	11,438	14,447	11,126
<b>Total</b>		<b>693,495</b>	<b>658,902</b>	<b>691,825</b>	<b>657,833</b>
Total Revenue from contracts with customers as per AASB 15		424,483	396,306	422,875	395,271
Total Income of not-for-profit as per AASB 1058		269,012	262,596	268,950	262,562
<b>Total Revenue and income</b>		<b>693,495</b>	<b>658,902</b>	<b>691,825</b>	<b>657,833</b>

**8. Investment income**

	Consolidated		University	
	2023	2022	2023	2022
	\$'000	\$'000	\$'000	\$'000
<b>Interest</b>				
Debt instruments at amortised cost	20,951	6,830	20,940	6,822
<b>Dividends</b>				
Equity instruments designated at fair value through other comprehensive income	835	1,768	835	2,768
<b>Investment income gains</b>	<b>21,786</b>	<b>8,598</b>	<b>21,775</b>	<b>9,590</b>

**Accounting Policy**

Interest income is recognised as it accrues. For all debt instruments measured at amortised cost and equity instruments measured at fair value through other comprehensive income, interest income is recorded using the effective interest rate (EIR). The EIR is the rate that exactly discounts the estimated future cash receipts over the expected life of the financial instrument or a shorter period, where appropriate, to the net carrying amount of the financial asset.

Dividend income is recognised only when it is declared, determined or recommended by external entities before the 31 December reporting date.



**9. Gain / (Loss) on disposal of property, plant and equipment**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Disposal of property, plant and equipment</b>				
Proceeds from sale	<b>64,501</b>	1,013	<b>64,501</b>	1,013
Carrying amount of assets sold	<b>(64,310)</b>	(1,013)	<b>(64,310)</b>	(1,005)
<b>Net Gain / (Loss) on disposal of property, plant and equipment</b>	<b>191</b>	-	<b>191</b>	8

On 20 December 2023, Renewal SA purchased the entire Magill Campus comprising land, buildings and infrastructure assets. The University has recognised proceeds from sale (GST exclusive) of \$64.50 million and a gain of \$0.25 million. This gain is included in the Total Net Gain of \$0.19 million and has been partially offset by losses on sale of Plant and Equipment.



**10. Employee-related expenses**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Academic</b>				
Salaries	<b>192,452</b>	184,687	<b>192,171</b>	184,406
Contributions to superannuation and pension schemes:				
Emerging cost	<b>76</b>	82	<b>76</b>	82
Funded	<b>31,747</b>	29,926	<b>31,747</b>	29,926
Payroll tax	<b>11,770</b>	11,193	<b>11,770</b>	11,193
Workers' compensation	<b>140</b>	(14)	<b>140</b>	(14)
Long service leave	<b>8,827</b>	2,327	<b>8,827</b>	2,327
Annual leave	<b>12,083</b>	11,776	<b>12,083</b>	11,776
<b>Total academic</b>	<b>257,095</b>	239,977	<b>256,814</b>	239,696
<b>Non-academic</b>				
Salaries	<b>151,602</b>	141,713	<b>150,614</b>	141,055
Contributions to superannuation and pension schemes:				
Emerging cost	<b>16</b>	63	<b>12</b>	15
Funded	<b>26,033</b>	24,317	<b>26,033</b>	24,317
Payroll tax	<b>9,344</b>	8,831	<b>9,332</b>	8,790
Workers' compensation	<b>442</b>	561	<b>443</b>	561
Long service leave	<b>5,819</b>	2,627	<b>5,819</b>	2,631
Annual leave	<b>10,902</b>	10,822	<b>10,902</b>	10,819
<b>Total non-academic</b>	<b>204,158</b>	188,934	<b>203,155</b>	188,188
<b>Total academic &amp; non-academic employee related expenses</b>	<b>461,253</b>	428,911	<b>459,969</b>	427,884
<b>Council member remuneration</b>	<b>354</b>	356	<b>354</b>	356
<b>Total employee related expenses</b>	<b>461,607</b>	429,267	<b>460,323</b>	428,240

**Accounting Policy**

Refer to Note 22 Provisions for the accounting policy relating to employee benefits and Note 31 Superannuation Plans for the accounting policy relating to employee benefits - Superannuation.

**11. Other expenses**

	Consolidated		University	
	2023	2022	2023	2022
	\$'000	\$'000	\$'000	\$'000
Scholarships, grants and prizes	21,992	18,876	21,992	18,876
Non-capitalised equipment	6,654	5,847	6,652	5,847
Advertising, marketing and promotion	11,687	11,457	11,687	11,454
Telecommunications	3,051	3,716	3,033	3,709
Travel, staff development and entertainment	15,631	10,594	15,618	10,557
External services	82,656	69,021	82,399	69,674
IT hardware and software	24,783	20,978	24,695	20,971
Library subscriptions	10,504	10,569	10,504	10,569
Printing	1,167	1,181	1,167	1,181
Bank charges, legal costs, insurance and taxes	8,983	8,123	8,897	7,855
General consumables	8,230	8,053	8,074	8,038
Utilities	10,013	12,024	10,013	12,024
Other	4,165	4,020	4,186	4,019
<b>Total other expenses</b>	<b>209,516</b>	<b>184,459</b>	<b>208,917</b>	<b>184,774</b>

**12. Cash and cash equivalents**

	Consolidated		University	
	2023	2022	2023	2022
	\$'000	\$'000	\$'000	\$'000
Cash at bank and on hand	4,384	5,661	3,937	3,965
Deposits at call	522,242	446,508	521,463	446,508
<b>Total cash and cash equivalents</b>	<b>526,626</b>	<b>452,169</b>	<b>525,400</b>	<b>450,473</b>

**Cash at bank and on hand**

During the year Cash at bank and on hand earned an average interest of 0.97% (2022: 0.35%) and interest was credited to the University on a monthly basis.

**Deposits at call**

During the year Deposits at call earned interest at a fixed rate which ranged between 0.43% and 5.60% (2022: range between 0.31% and 4.59%). These deposits had an average maturity of 365 days (2022: 377 days).

**Accounting Policy**

Cash and cash equivalents includes cash at bank and on hand, deposits held at call with financial institutions and other highly liquid investments that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value.



### 13. Receivables

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Current</b>				
Trade debtors	<b>13,850</b>	8,994	<b>13,772</b>	8,819
Less: Provision for impaired receivables	<b>(1,114)</b>	(1,442)	<b>(1,114)</b>	(1,442)
	<b>12,736</b>	7,552	<b>12,658</b>	7,377
Student fees	<b>5,209</b>	5,517	<b>5,209</b>	5,517
Less: Provision for impaired receivables	<b>(2,124)</b>	(2,985)	<b>(2,124)</b>	(2,985)
	<b>3,085</b>	2,532	<b>3,085</b>	2,532
Imputation Credits receivables	<b>471</b>	23,035	<b>471</b>	23,035
Commonwealth receivables	<b>1,820</b>	1,784	<b>1,820</b>	1,784
Contract Assets	<b>3,193</b>	3,490	<b>3,193</b>	3,490
Other	<b>1</b>	3,051	<b>1</b>	3,051
<b>Total current receivables</b>	<b>21,306</b>	41,444	<b>21,228</b>	41,269
<b>Non-current</b>				
Imputation Credits receivables	<b>22,759</b>	-	<b>22,759</b>	-
<b>Total non-current receivables</b>	<b>22,759</b>	-	<b>22,759</b>	-
<b>Total receivables</b>	<b>44,065</b>	41,444	<b>43,987</b>	41,269

Trade receivables are non-interest bearing and are generally on terms of 14 to 30 days.

Contract Assets represent research activities which have met performance obligations in accordance with funding agreements, however, funding has not been received. The classification of contract assets as current was made on the basis that all projects with expenditure in advance will be invoiced within 12 months. Contract Assets are evaluated for impairment.

The University continues to recognise the franking credits refundable on the in-specie distribution from Education Australia Limited of \$22.76 million as a receivable at 31 December 2023. During 2023, the ATO issued formal notice denying the refund through Notice of Amended Assessment - year ended 30 June 2022. All Universities have since continued to act on a collective basis with an objection to the ATO's assessment lodged. The timing for any resolution to this matter is uncertain, as such the University has re-classified the receivable of the franking credits as a non-current receivable.

#### Impaired receivables

Movements in the Trade debtors provision for impaired receivables are as follows:

	<b>Consolidated</b>	
	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>
At 1 January	<b>1,442</b>	643
Provision for impairment recognised during the year	<b>(59)</b>	1,319
Receivables written-off during the year as uncollectible	-	(50)
Unused amount reversed and debts collected	<b>(269)</b>	(470)
<b>At 31 December</b>	<b>1,114</b>	1,442

### 13. Receivables (continued)

Movements in the Student fees provision for impaired receivables are as follows:

	<b>Consolidated</b>	
	<b>2023</b>	2022
	<b>\$'000</b>	\$'000
At 1 January	<b>2,985</b>	3,117
Provision for impairment recognised during the year	<b>621</b>	523
Receivables written-off during the year as uncollectible	<b>(1,453)</b>	(631)
Unused amount reversed and debts collected	<b>(29)</b>	(24)
<b>At 31 December</b>	<b>2,124</b>	2,985

The creation and release of the provision for impaired receivables has been included in 'Bad and doubtful debts expense' in the Statement of Comprehensive Income. Amounts charged to the provision account are written-off when there is no expectation of recovering additional cash.

The other amounts within receivables do not contain impaired assets and are not past due. Based on credit history, it is expected that these amounts will be received when due.

#### Foreign exchange and interest rate risk

The carrying amount of the Group's receivables are denominated in Australian Dollars.

#### Fair value and credit risk

Due to the short-term nature of these receivables, their carrying amount is assumed to approximate their fair value.

#### Accounting Policy

Trade debtors are recognised initially at fair value and subsequently measured at amortised cost using the effective interest method, less provision for impairment. Trade debts are generally due for settlement no more than 14 days from the date that invoice was issued for domestic Australian debtors, and no more than 30 days for Overseas/International debtors. Any exceptions to these payment terms for both Domestic & International debtors, are approved by the Director of the local area and also by the Chief Financial Officer, after reviewing the business reasons for the extended terms. The exceptions are very few in number.

Student fees are recognised initially at fair value as at census date and are collectable at that point. Periodically these receivables are adjusted for any provision for impairment.

Collectability of receivables is reviewed on an ongoing basis and the assessment of the provision for impaired receivables included consideration of the expected credit losses in accordance with AASB 9 *Financial Instruments*. Individual trade debtors and student fee receivables are assessed for impairment, considering both historic and future factors where possible including the age of the debt, the circumstances of the debtor, experience with similar debt types and current economic circumstances. In addition, both trade debtors and student fee receivables are evaluated for impairment based upon past due status and historical collection experience. Debts which are known to be uncollectible are written off. A provision for doubtful debts is established when there is objective evidence that the University will not be able to collect all amounts due according to the original terms of receivables.

The other amounts within receivables do not contain impaired assets and are not past due. Based on credit history, it is expected that these amounts will be received when due.

### 14. Investments accounted for using the equity method

The University has no material investments in associates or joint venture entities which would be accounted for in the consolidated financial statements using the equity method of accounting.



## 15. Other financial assets

	Note	Consolidated		University	
		2023 \$'000	2022 \$'000	2023 \$'000	2022 \$'000
<b>Current</b>					
Accrued Income		10,175	4,919	10,175	4,919
<b>Total current other financial assets</b>		<b>10,175</b>	<b>4,919</b>	<b>10,175</b>	<b>4,919</b>
<b>Non-current</b>					
Equity instruments designated at fair value through other comprehensive income		35,327	31,980	31,177	27,581
Shares in subsidiaries	32	-	-	6,242	6,959
Loans and receivables		-	-	450	-
<b>Total non-current other financial assets</b>		<b>35,327</b>	<b>31,980</b>	<b>37,869</b>	<b>34,540</b>
<b>Total other financial assets</b>		<b>45,502</b>	<b>36,899</b>	<b>48,044</b>	<b>39,459</b>

### Accounting Policy

#### Shares in subsidiaries

Investments in all wholly-owned subsidiaries are recorded at fair value. Where an estimate of fair value is not readily available, the Net Assets of the subsidiary are used as a proxy for fair value.

#### Loans and receivables

The University has provided loans to controlled entities totalling \$0.45 million at 31 December 2023 (2022: nil).

#### Equity Instruments designated at fair value through other comprehensive income

The University invests in shares, fixed interest, property trusts and managed funds known as investments. These investments are classified as Equity instruments designated at fair value through other comprehensive income in accordance with AASB 9 *Financial Instruments*.

These investments are included in non-current assets unless management intends to dispose of the investment within 12 months of the balance sheet date. Purchases and sales of investments are recognised on trade date (the date on which the University commits to purchase or sell the asset). Investments are initially recognised at fair value. Investments are derecognised when the rights to receive cash flows from them have expired or have been transferred and the University has transferred substantially all the risks and rewards of ownership.

Unrealised gain or loss arising from changes in the fair value of investments are recognised in other comprehensive income under Gain / (Loss) on equity instruments designated at fair value through Other Comprehensive Income.

Realised gain or loss arising from the sale of investments are recognised in Other Comprehensive income under Gain / (Loss) on equity instruments designated at fair value through other comprehensive income.

Only dividends are recognised in the income statement when the right of payment has been established unless when it is part of a recovery of cost in which case it is recognised in Other Comprehensive Income.

Since these investments are designated at fair value through other comprehensive income they are not subject to impairment assessment. These investments are adjusted annually to fair value through Other Comprehensive Income.


**15. Other financial assets (continued)**
**Accounting Policy (continued)**

The Realised and Unrealised Gain / (Loss) on Equity instruments designated at fair value through Other Comprehensive Income were:

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Realised Gain/(Loss)	<b>(465)</b>	52,300	<b>(465)</b>	52,300
Unrealised Gain/(Loss)	<b>2,171</b>	(68,057)	<b>1,990</b>	(68,382)
<b>Total</b>	<b>1,706</b>	<b>(15,757)</b>	<b>1,525</b>	<b>(16,082)</b>

**16. Other non-financial assets**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Current</b>				
Prepayments	<b>27,515</b>	23,511	<b>27,515</b>	23,509
Other	<b>31</b>	134	<b>31</b>	134
<b>Total other non-financial assets</b>	<b>27,546</b>	<b>23,645</b>	<b>27,546</b>	<b>23,643</b>



**17. Non-current assets classified as held for sale**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Non-current assets held for sale</b>				
Land and Building	<b>23,129</b>	-	<b>23,129</b>	-
<b>Total non-current assets classified as held for sale</b>	<b>23,129</b>	-	<b>23,129</b>	-

The State Government are finalising negotiations over the purchase of the University's occupation rights over Crown land for a portion of Mawson Lakes Campus that is surplus to the University's requirements, with the purchase expected to occur in 2024.

**Accounting Policy**

Non-current assets are classified as held for sale and stated at the lower of their carrying amount and fair value less costs to sell if their carrying amount will be recovered principally through a sale transaction rather than through continuing use.

Non-current assets are not depreciated or amortised while they are classified as held for sale.

Non-current assets classified as held for sale are presented separately from the other assets in the statement of financial position.



**18. Property, plant and equipment**

University	Capital Works in Progress		Land	Buildings		Plant and equipment		equipment in progress		Leasehold improvements		Art collection		Infrastructure		Subtotal (owned)		Right-of-use assets		Total	
	\$'000			\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000		\$'000	
<b>At 1 January 2022</b>																					
- Cost	2,799	23		6,349		121,882		2,608		8,679		10		1,730		144,080		18,675		162,755	
- Valuation	-	184,444		1,437,631		-		-		-		3,083		100,035		1,725,193		-		1,725,193	
Accumulated depreciation and impairment	-	(314)		(650,947)		(84,182)		-		(8,053)		-		(58,222)		(801,718)		(6,795)		(808,513)	
<b>Net book amount</b>	2,799	184,153		793,033		37,700		2,608		626		3,093		43,543		1,067,555		11,880		1,079,435	
<b>Year ended 31 December 2022</b>																					
Opening net book amount	2,799	184,153		793,033		37,700		2,608		626		3,093		43,543		1,067,555		11,880		1,079,435	
Additions	18,063	4,747		643		6,825		2,142		-		-		-		32,420		1,993		34,413	
Disposals	-	-		-		(96)		-		-		-		-		(96)		-		(96)	
Reclassifications	(18,629)	-		17,280		3,158		(2,257)		-		-		448		-		-		-	
Revaluation surplus	-	32,621		80,077		-		-		-		-		5,343		118,041		-		118,041	
Impairment loss in income	-	-		-		(389)		-		-		-		-		(389)		-		(389)	
Amortisation / Depreciation charge	-	(60)		(26,274)		(9,683)		-		(327)		-		(2,148)		(38,492)		(2,584)		(41,076)	
Other changes, movements	(2)	-		-		-		(192)		-		-		-		(194)		-		(194)	
<b>Closing net book amount</b>	2,231	221,461		864,759		37,515		2,301		299		3,093		47,186		1,178,845		11,289		1,190,134	
<b>At 31 December 2022</b>																					
- Cost	2,231	-		-		126,121		2,301		8,679		-		-		139,332		20,343		159,675	
- Valuation	-	221,890		1,608,359		-		-		-		3,093		116,260		1,949,602		-		1,949,602	
Accumulated amortisation / depreciation and impairment	-	(429)		(743,600)		(88,606)		-		(8,380)		-		(69,074)		(910,089)		(9,054)		(919,143)	
<b>Net book amount</b>	2,231	221,461		864,759		37,515		2,301		299		3,093		47,186		1,178,845		11,289		1,190,134	



**18. Property, plant and equipment (continued)**

	Capital Works in Progress	Land	Buildings	Plant and equipment	Plant and equipment in progress	Leasehold improvements	Art collection	Infrastructure	Subtotal (owned)	Subtotal Right-of-use assets	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>University Year ended 31 December 2023</b>											
Opening net book amount	2,231	221,461	864,759	37,515	2,301	299	3,093	47,186	1,178,845	11,289	1,190,134
Additions	15,769	-	-	6,272	1,270	-	-	-	23,311	8,296	31,607
Disposals	-	(34,650)	(22,302)	(62)	-	-	-	(7,296)	(64,310)	-	(64,310)
Reclassifications	(13,900)	-	8,706	2,112	(2,112)	4,735	-	459	-	-	-
Assets included in a disposal group classified as held for sale and other disposals	-	(22,700)	(429)	-	-	-	-	-	(23,129)	-	(23,129)
Impairment loss in income	-	-	-	(213)	-	-	-	-	(213)	-	(213)
Amortisation / Depreciation charge	-	(69)	(28,533)	(8,876)	-	(334)	-	(2,443)	(40,255)	(3,195)	(43,450)
Other changes, movements	(671)	-	-	-	(117)	-	-	-	(788)	-	(788)
<b>Closing net book amount</b>	<b>3,429</b>	<b>164,042</b>	<b>822,201</b>	<b>36,748</b>	<b>1,342</b>	<b>4,700</b>	<b>3,093</b>	<b>37,906</b>	<b>1,073,461</b>	<b>16,390</b>	<b>1,089,851</b>
<b>At 31 December 2023</b>											
- Cost	3,429	-	8,706	129,399	1,342	13,414	-	459	156,749	28,287	185,036
- Valuation	-	164,540	1,497,499	-	-	-	3,093	91,683	1,756,815	-	1,756,815
Accumulated amortisation / depreciation and impairment	-	(498)	(684,004)	(92,651)	-	(8,714)	-	(54,236)	(840,103)	(11,897)	(852,000)
<b>Net book amount</b>	<b>3,429</b>	<b>164,042</b>	<b>822,201</b>	<b>36,748</b>	<b>1,342</b>	<b>4,700</b>	<b>3,093</b>	<b>37,906</b>	<b>1,073,461</b>	<b>16,390</b>	<b>1,089,851</b>





**18. Property, plant and equipment (continued)**

	Capital Works in Progress	Land	Buildings	Plant and equipment	Plant and equipment in progress	Leasehold improvements	Art collection	Infrastructure	Subtotal (owned)	Subtotal Right- of-use assets	Total
Consolidated	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>At 1 January 2022</b>											
- Cost	2,799	23	6,349	122,019	2,608	8,679	10	1,730	144,217	18,675	162,892
- Valuation	-	184,444	1,437,631	-	-	-	3,083	100,035	1,725,193	-	1,725,193
Accumulated amortisation / depreciation and impairment	-	(314)	(650,947)	(84,305)	-	(8,053)	-	(58,222)	(801,841)	(6,795)	(808,636)
<b>Net book amount</b>	2,799	184,153	793,033	37,714	2,608	626	3,093	43,543	1,067,569	11,880	1,079,449
<b>Year ended 31 December 2022</b>											
Opening net book amount	2,799	184,153	793,033	37,714	2,608	626	3,093	43,543	1,067,569	11,880	1,079,449
Additions	18,063	4,747	643	6,825	2,142	-	-	-	32,420	1,993	34,413
Disposals	-	-	-	(104)	-	-	-	-	(104)	-	(104)
Reclassifications	(18,629)	-	17,280	3,158	(2,257)	-	-	448	-	-	-
Revaluation surplus	-	32,621	80,077	-	-	-	-	5,343	118,041	-	118,041
Impairment loss in income	-	-	-	(389)	-	-	-	-	(389)	-	(389)
Amortisation / Depreciation charge	-	(60)	(26,274)	(9,689)	-	(327)	-	(2,148)	(38,498)	(2,584)	(41,082)
Other changes, movements	(2)	-	-	-	(192)	-	-	-	(194)	-	(194)
<b>Closing net book amount</b>	2,231	221,461	864,759	37,515	2,301	299	3,093	47,186	1,178,845	11,289	1,190,134
<b>At 31 December 2022</b>											
- Cost	2,231	-	-	126,121	2,301	8,679	-	-	139,332	20,343	159,675
- Valuation	-	221,890	1,608,359	-	-	-	3,093	116,260	1,949,602	-	1,949,602
Accumulated amortisation / depreciation and impairment	-	(429)	(743,600)	(88,606)	-	(8,380)	-	(69,074)	(910,089)	(9,054)	(919,143)
<b>Net book amount</b>	2,231	221,461	864,759	37,515	2,301	299	3,093	47,186	1,178,845	11,289	1,190,134



**18. Property, plant and equipment (continued)**

	Capital Works in Progress	Land	Buildings	Plant and equipment	Plant and equipment in progress	Leasehold improvements	Art collection	Infrastructure	Subtotal (owned)	Subtotal Right- of-use assets	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Consolidated Year ended 31 December 2023</b>											
Opening net book amount	2,231	221,461	864,759	37,515	2,301	299	3,093	47,186	1,178,845	11,289	1,190,134
Additions	15,769	-	-	6,272	1,270	-	-	-	23,311	8,296	31,607
Disposals	-	(34,650)	(22,302)	(62)	-	-	-	(7,296)	(64,310)	-	(64,310)
Reclassifications	(13,900)	-	8,706	2,112	(2,112)	4,735	-	459	-	-	-
Assets included in a disposal group classified as held for sale and other disposals	-	(22,700)	(429)	-	-	-	-	-	(23,129)	-	(23,129)
Impairment loss in income	-	-	-	(213)	-	-	-	-	(213)	-	(213)
Amortisation / Depreciation charge	-	(69)	(28,533)	(8,876)	-	(334)	-	(2,443)	(40,255)	(3,195)	(43,450)
Other changes, movements	(671)	-	-	-	(117)	-	-	-	(788)	-	(788)
<b>Closing net book amount</b>	<b>3,429</b>	<b>164,042</b>	<b>822,201</b>	<b>36,748</b>	<b>1,342</b>	<b>4,700</b>	<b>3,093</b>	<b>37,906</b>	<b>1,073,461</b>	<b>16,390</b>	<b>1,089,851</b>
<b>At 31 December 2023</b>											
- Cost	3,429	-	8,706	129,399	1,342	13,414	-	459	156,749	28,287	185,036
- Valuation	-	164,540	1,497,499	-	-	-	3,093	91,683	1,756,815	-	1,756,815
Accumulated amortisation / depreciation and impairment	-	(498)	(684,004)	(92,651)	-	(8,714)	-	(54,236)	(840,103)	(11,897)	(852,000)
<b>Net book amount</b>	<b>3,429</b>	<b>164,042</b>	<b>822,201</b>	<b>36,748</b>	<b>1,342</b>	<b>4,700</b>	<b>3,093</b>	<b>37,906</b>	<b>1,073,461</b>	<b>16,390</b>	<b>1,089,851</b>



## **18. Property, plant and equipment (continued)**

### **Accounting Policy**

#### **Initial recognition and measurement**

Assets with a useful life of more than 12 months and an acquisition cost of more than \$10,000 are initially capitalised at cost. Costs incurred on Plant and equipment which do not meet the capitalisation criteria are expensed as incurred. Following initial recognition at cost Land, Buildings, Infrastructure and Art collection are carried at fair value.

Subsequent capital costs are included in the asset's carrying amount or recognised as a separate asset as appropriate, only when it is probable that future economic benefits associated with the item will flow to the Group and the cost of the item can be measured reliably. All other repairs and maintenance costs are charged to the Statement of Comprehensive Income during the financial period in which they are incurred.

All other property, plant and equipment is stated at historical cost less depreciation.

#### **Revaluations**

Independent valuations of Land, Buildings and Infrastructure are performed every three years to ensure that the carrying amount does not differ materially from the asset's fair value at the balance date.

The Art collection is internally valued every three years by the Director: Samstag Museum of Art considering current sales and auctions of works by the same artist and / or similar genre.

Revaluation surpluses have been credited to the asset revaluation reserve included in the equity section of the statement of financial position. Revaluation increments and decrements are offset against one another within asset classes, but not otherwise. Revaluation reserves are transferred to retained earnings on derecognition of the relevant asset. Refer to Note 39(c) Fair value measurements for information regarding revaluations.

#### **Land**

Land occupied by the University is either owned by the University or by the State Government. All land is recognised on the basis that the University effectively controls the land occupied.

Land includes \$55.91 million (2022: \$78.61 million) of Crown Lands and \$6.30 million (2022: \$6.37 million) of Land under Finance Lease. The University has restrictions on the above land by application of the University of South Australia Act, 1990 Section 6(3).

#### **Impairment of assets**

Assets are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. An impairment loss is recognised for the amount by which the asset's carrying amount exceeds its recoverable amount. The recoverable amount is the higher of an asset's fair value less costs to sell and value in use.



**18. Property, plant and equipment (continued)****Accounting Policy (continued)****Depreciation**

Land (excluding Land under finance lease), Art collection and Buildings under construction are not depreciated. Depreciation, where applicable, is calculated on a straight-line basis to allocate the written down current cost of an asset over its estimated remaining useful life.

<b>Assets class</b>	<b>Useful Life</b>
Property:	
Buildings	30 - 160 years
Infrastructure	25 - 50 years
Land under finance lease	99 years
Leasehold improvements	1 - 14 years
Plant and equipment:	
IT infrastructure	5 years
IT other	3 years
Motor vehicles	5 years
Other	10 years
Right-of-use assets:	
Buildings	1 - 17 years
Plant and equipment	1 - 5 years

The assets' residual values and useful lives are reviewed, and adjusted if appropriate, at the end of each reporting period.

## 18. Property, plant and equipment (continued)

### (a) Right-of-use assets

Information about leases where the University is a lessee is presented below:

	Consolidated		University	
	2023	2022	2023	2022
	\$'000	\$'000	\$'000	\$'000
<b>Right-of-use assets</b>				
<b>Buildings</b>				
Opening Balance	10,507	11,465	10,507	11,465
Additions of right-of-use assets	8,084	1,286	8,084	1,286
Depreciation charge	(2,812)	(2,244)	(2,812)	(2,244)
<b>At 31 December 2023</b>	<b>15,779</b>	<b>10,507</b>	<b>15,779</b>	<b>10,507</b>
<b>Plant and Equipment</b>				
Opening Balance	782	415	782	415
Additions of right-of-use assets	212	707	212	707
Depreciation charge	(383)	(340)	(383)	(340)
<b>At 31 December 2023</b>	<b>611</b>	<b>782</b>	<b>611</b>	<b>782</b>
<b>Total right-of-use assets</b>	<b>16,390</b>	<b>11,289</b>	<b>16,390</b>	<b>11,289</b>

### Accounting Policy

#### Assessment of whether a contract is, or contains, a lease

At inception of a contract, the University assesses whether a contract is, or contains a lease. A contract is, or contains a lease if the contract conveys a right to control the use of an identified asset for a period of time in exchange for consideration.

The University assesses whether:

- (a) The contract involves the use of an identified asset. The asset may be explicitly or implicitly specified in the contract.
- (b) The customer has the right to obtain substantially all of the economic benefits from the use of the asset throughout the period of use.
- (c) The customer has the right to direct the use of the asset throughout the period of use. The customer is considered to have the right to direct the use of the asset only if either:
  - i. The customer has the right to direct how and for what purpose the identified asset is used throughout the period of use; or
  - ii. The relevant decisions about how and for what purposes the asset is used is predetermined and the customer has the right to operate the asset, or the customer designed the asset in a way that predetermines how and for what purpose the asset will be used throughout the period of use.

## 18. Property, plant and equipment (continued)

### Accounting Policy (continued)

#### Accounting for leases - University as lessee

In contracts where the University is a lessee, the University recognises a right-of-use asset and a lease liability at the commencement date of the lease, unless the short-term or low-value exemption is applied.

#### Right-of-use asset

A right-of-use asset is initially measured at cost comprising the initial measurement of the lease liability adjusted for any lease payments made before the commencement date (reduced by lease incentives received), plus initial direct costs incurred in obtaining the lease and an estimate of costs to be incurred in dismantling and removing the underlying asset, restoring the site on which it is located or restoring the underlying asset to the condition required by the terms and conditions of the lease.

A right-of-use asset associated with land and buildings is subsequently measured at fair value. All other property, plant and equipment are measured as described in the accounting policy in Note 18. Property, plant and equipment.

## 19. Intangible assets

	Intangibles in progress \$'000	Other intangible assets \$'000	Total \$'000
<b>University</b>			
<b>At 1 January 2022</b>			
Cost	649	16,091	16,740
Accumulated amortisation and impairment	-	(14,224)	(14,224)
<b>Net book amount</b>	649	1,867	2,516
<b>Year ended 31 December 2022</b>			
Opening net book amount	649	1,867	2,516
Additions	138	-	138
Amortisation	-	(1,093)	(1,093)
<b>Closing net book amount</b>	787	774	1,561
<b>At 31 December 2022</b>			
Cost	787	16,051	16,838
Accumulated amortisation and impairment	-	(15,277)	(15,277)
<b>Net book amount</b>	787	774	1,561
<b>Year ended 31 December 2023</b>			
Opening net book amount	787	774	1,561
Additions	44	-	44
Reclassifications	(831)	831	-
Amortisation	-	(511)	(511)
<b>Closing net book amount</b>	-	1,094	1,094
<b>At 31 December 2023</b>			
Cost	-	16,420	16,420
Accumulated amortisation and impairment	-	(15,326)	(15,326)
<b>Net book amount</b>	-	1,094	1,094



**19. Intangible assets (continued)**

	Intangibles in progress	Other intangible assets	Total
	\$'000	\$'000	\$'000
<b>Consolidated</b>			
<b>At 1 January 2022</b>			
Cost	649	16,091	16,740
Accumulated amortisation and impairment	-	(14,224)	(14,224)
<b>Net book amount</b>	649	1,867	2,516
<b>Year ended 31 December 2022</b>			
Opening net book amount	649	1,867	2,516
Additions	138	-	138
Amortisation	-	(1,093)	(1,093)
<b>Closing net book amount</b>	787	774	1,561
<b>At 31 December 2022</b>			
Cost	787	16,051	16,838
Accumulated amortisation and impairment	-	(15,277)	(15,277)
<b>Net book amount</b>	787	774	1,561
<b>Year ended 31 December 2023</b>			
Opening net book amount	787	774	1,561
Additions	44	566	610
Reclassifications	(831)	831	-
Amortisation	-	(591)	(591)
<b>Closing net book amount</b>	-	1,580	1,580
<b>At 31 December 2023</b>			
Cost	-	16,985	16,985
Accumulated amortisation and impairment	-	(15,405)	(15,405)
<b>Net book amount</b>	-	1,580	1,580

For the year ended 31 December 2023, \$0.04 million (2022: \$0.14 million) of costs incurred in implementing Software as a Service (SaaS) arrangements were recognised as intangible assets.

**Accounting Policy**

Expenditure on research activities, undertaken with the prospect of obtaining new scientific or technical knowledge and understanding, is recognised in the Statement of Comprehensive Income as an expense when incurred.

With respect to internally generated Intangible assets, expenditure on development activities is capitalised if the product or service is technically and commercially feasible and adequate resources are available to complete development. The expenditure capitalised comprises all directly-attributable costs, including costs of materials, services, direct labour and an appropriate proportion of overheads where the University has control over the expected benefits. Other development expenditure is recognised in the Statement of Comprehensive Income as an expense as incurred. Capitalised development expenditure is recognised at cost less accumulated amortisation.

Amortisation is calculated using the straight line method to allocate the cost over the period of the expected benefit, which is currently between 4 and 7 years.

Intangibles in progress represent capitalised expenditure where the project was incomplete at balance date. The expenditure is capitalised upon the completion of the project.


**19. Intangible assets (continued)**
**Accounting Policy (continued)**

Intangible assets that have an indefinite useful life are not subject to amortisation and are tested annually for impairment, or more frequently if events or changes in circumstances indicate that they might be impaired.

**20. Payables**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	2022	<b>2023</b>	2022
	<b>\$'000</b>	\$'000	<b>\$'000</b>	\$'000
<b>Current</b>				
Trade creditors*	<b>31,616</b>	21,279	<b>31,448</b>	21,139
Accrued salaries	<b>14,860</b>	13,366	<b>14,860</b>	13,366
OS-HELP liability to Australian Government	<b>1,681</b>	-	<b>1,681</b>	-
<b>Total current payables</b>	<b>48,157</b>	34,645	<b>47,989</b>	34,505
<b>Total payables</b>	<b>48,157</b>	34,645	<b>47,989</b>	34,505

**Accounting Policy**

\* These amounts represent liabilities for goods and services provided to the Group prior to the end of financial year which are unpaid. The amounts are unsecured and are usually paid within 30 days of recognition. Accrued expenses relate to expenses incurred not yet invoiced.

**21. Lease liabilities**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	2022	<b>2023</b>	2022
	<b>\$'000</b>	\$'000	<b>\$'000</b>	\$'000
<b>Current</b>				
Lease liabilities	<b>3,740</b>	2,612	<b>3,740</b>	2,612
<b>Total current lease liabilities</b>	<b>3,740</b>	2,612	<b>3,740</b>	2,612
<b>Non-current</b>				
Lease liabilities	<b>14,135</b>	10,019	<b>14,135</b>	10,019
<b>Total non-current lease liabilities</b>	<b>14,135</b>	10,019	<b>14,135</b>	10,019
<b>Total lease liabilities</b>	<b>17,875</b>	12,631	<b>17,875</b>	12,631

The University has elected to measure the land and building, vehicles and equipment classes of right-of-use assets at initial recognition at cost.

**Concessionary Leases**

During 2023 the University sold the Magill Campus to the State Government of South Australia and entered into 2 leases to lease back the campus with significantly below-market terms and conditions. The lease terms vary and are 3 years and 10 years with annual rental of \$1 per annum (if demanded). The University has elected to measure the class of right-of-use assets arising under concessionary leases at cost, in accordance with AASB16 paragraphs 23-25 and has therefore not recognised a leased asset (right-of-use asset) or lease liability.

**21. Lease liabilities (continued)****Financing arrangements****Maturity analysis - undiscounted contractual cash flows (Lease liabilities)**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Less than one year	<b>3,629</b>	3,051	<b>3,629</b>	3,051
One to five years	<b>12,857</b>	9,296	<b>12,857</b>	9,296
More than 5 years	<b>7,418</b>	1,720	<b>7,418</b>	1,720
<b>Total undiscounted contractual cash flows</b>	<b>23,904</b>	14,067	<b>23,904</b>	14,067

The University has no loans.

Unrestricted access was available at reporting date to the following lines of credit:

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Credit standby arrangements</b>				
<b>Total facilities</b>				
Credit card facility	<b>3,000</b>	3,000	<b>3,000</b>	3,000
Documentary letter of credit facility	<b>200</b>	200	<b>200</b>	200
Bank guarantee	<b>5,100</b>	5,100	<b>5,100</b>	5,100
Overseas bills purchased facility	-	1,000	-	1,000
<b>Total credit standby arrangements</b>	<b>8,300</b>	9,300	<b>8,300</b>	9,300
<b>Used at balance date</b>				
Credit card facility	<b>995</b>	918	<b>995</b>	918
Documentary letter of credit facility	-	-	-	-
Bank guarantee	<b>1,600</b>	1,600	<b>1,600</b>	1,600
Overseas bills purchased facility	-	-	-	-
<b>Total used at balance date</b>	<b>2,595</b>	2,518	<b>2,595</b>	2,518
<b>Unused at balance date</b>				
Credit card facility	<b>2,005</b>	2,082	<b>2,005</b>	2,082
Documentary letter of credit facility	<b>200</b>	200	<b>200</b>	200
Bank guarantee	<b>3,500</b>	3,500	<b>3,500</b>	3,500
Overseas bills purchased facility	-	1,000	-	1,000
<b>Total unused at balance date</b>	<b>5,705</b>	6,782	<b>5,705</b>	6,782



**22. Provisions**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Current provisions expected to be settled within 12 months</b>				
Annual leave*	<b>21,301</b>	21,621	<b>21,301</b>	21,621
Long service leave**	<b>8,847</b>	10,811	<b>8,847</b>	10,811
Workers' compensation liability***	<b>365</b>	261	<b>365</b>	261
	<b>30,513</b>	32,693	<b>30,513</b>	32,693
<b>Current provisions expected to be settled after more than 12 months</b>				
Annual leave*	<b>9,092</b>	9,662	<b>9,092</b>	9,662
Long service leave**	<b>51,861</b>	47,058	<b>51,861</b>	47,058
	<b>60,953</b>	56,720	<b>60,953</b>	56,720
<b>Total current provisions</b>	<b>91,466</b>	89,413	<b>91,466</b>	89,413
<b>Non-current</b>				
Long service leave**	<b>16,269</b>	11,299	<b>16,269</b>	11,299
Workers' compensation liability***	<b>403</b>	323	<b>403</b>	323
<b>Total non-current provisions</b>	<b>16,672</b>	11,622	<b>16,672</b>	11,622
<b>Total provisions</b>	<b>108,138</b>	101,035	<b>108,138</b>	101,035

Movements in the Workers' compensation liability are set out below:

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Carrying amount at start of year	<b>584</b>	637	<b>584</b>	637
Additional provisions recognised	<b>576</b>	403	<b>576</b>	403
Amounts used	<b>(401)</b>	(436)	<b>(401)</b>	(436)
Increase/(Decrease) in discounted amount	<b>9</b>	(20)	<b>9</b>	(20)
Carrying amount at end of year	<b>768</b>	584	<b>768</b>	584



## 22. Provisions (continued)

### Accounting Policy

#### \*Annual leave

The annual leave liability is independently calculated each year in accordance with AASB 119 *Employee Benefits*. The last update was performed at 31 December 2023 by Deborah Jones, FIAA of Brett & Watson Pty Ltd.

The employees' entitlement to annual leave expected to be settled within twelve months of the end of the reporting period has been calculated at the amounts expected to be paid when liabilities are settled. Where the employees' entitlement to annual leave is not expected to be settled within 12 months of the end of the reporting period, the provision has been discounted to present values.

#### Sick leave

No provision has been made for sick leave as all sick leave is non-vesting and the average sick leave taken in future years by employees is estimated to be less than the annual entitlement of sick leave.

#### \*\*Long service leave

The long service leave liability is independently actuarially estimated each year in accordance with AASB 119 *Employee Benefits*. The last update was performed at 31 December 2023 by Deborah Jones, FIAA of Brett & Watson Pty Ltd.

The liability for long service leave is recognised in the provision for employee benefits and measured as the present value of expected future payments to be made in respect of services provided by employees up to the reporting date. Consideration is given to expected future wage and salary levels, experience of employee departures and periods of service. Expected future payments are discounted using market yields at the reporting date on national Government bonds with terms to maturity that match, as closely as possible, the estimated future cash outflows. The long service leave liability includes associated on-costs.

Liabilities for employees' entitlements, which are expected to be settled after twelve months are discounted using market yields at the reporting date on national Government bonds with terms to maturity that match, as closely as possible, the estimated future cash outflows. The discount rate used for the 2023 valuation is 4.08% (2022: 4.10%).

#### \*\*\*Workers' compensation

The University is responsible for payment of workers' compensation.

The provision for workers' compensation is independently actuarially estimated each year. The last update was performed at 31 December 2023 by Brett & Watson Pty Ltd using Case Estimation Methodology. Under this methodology, consideration is given to individual case estimates of all open claims plus an allowance for incurred but not reported claims, re-opening of claims regarded as closed and unforeseen escalation of case estimates as more information becomes available.

**23. Contract liabilities**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Current</b>				
Commonwealth and State Government grants	<b>26,404</b>	27,090	<b>26,404</b>	27,090
Income in Advance on incomplete projects	<b>13,967</b>	15,638	<b>13,967</b>	15,638
Student fees and charges in advance	<b>27,623</b>	27,507	<b>27,623</b>	27,507
Other	<b>4,852</b>	5,456	<b>4,852</b>	5,456
<b>Total current contract liabilities</b>	<b>72,846</b>	75,691	<b>72,846</b>	75,691
<b>Non-current</b>				
Commonwealth and State Government grants	<b>15,291</b>	15,715	<b>15,291</b>	15,715
Income in Advance on incomplete projects	<b>8,103</b>	9,071	<b>8,103</b>	9,071
Other	<b>2,815</b>	3,165	<b>2,815</b>	3,165
<b>Total non-current contract liabilities</b>	<b>26,209</b>	27,951	<b>26,209</b>	27,951
<b>Total contract liabilities</b>	<b>99,055</b>	103,642	<b>99,055</b>	103,642

**Accounting Policy**

Commonwealth and State Government Grants represents Australian Government Grants received and represents funding received but not spent as detailed in Note 1(e) Summary of significant accounting policies.

Income in advance on incomplete projects represents grants and contracts received from other sources and represents the amounts received but not spent.

**24. Other liabilities**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
<b>Current</b>				
Funds held on behalf of external entities	<b>119</b>	1,325	<b>111</b>	1,299
Student fees and charges in advance	<b>1,537</b>	2,597	<b>1,537</b>	2,597
Commonwealth and State Government unspent financial assistance	<b>17,791</b>	9,733	<b>17,791</b>	9,733
Other	<b>2,884</b>	1,166	<b>2,863</b>	1,166
<b>Total current other liabilities</b>	<b>22,331</b>	14,821	<b>22,302</b>	14,795
<b>Non-current</b>				
Commonwealth and State Government unspent financial assistance	<b>1,890</b>	2,646	<b>1,890</b>	2,646
<b>Total non-current other liabilities</b>	<b>1,890</b>	2,646	<b>1,890</b>	2,646
<b>Total other liabilities</b>	<b>24,221</b>	17,467	<b>24,192</b>	17,441




**24. Other liabilities (continued)**
**Accounting Policy**

Funds held on behalf of external entities are amounts held by the University on behalf of a number of external entities. As at balance date, the funds held are included in cash and cash equivalents and a corresponding liability is included in other liabilities above.

Commonwealth and State Government unspent financial assistance represents Australian Government Grants received which the University regards as reciprocal and represents funding received but not spent.

**25. Reserves**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Property, plant and equipment revaluation surplus				
Land, Buildings and Infrastructure	<b>337,264</b>	381,191	<b>337,264</b>	381,191
Art collection	<b>652</b>	652	<b>652</b>	652
	<b>337,916</b>	381,843	<b>337,916</b>	381,843
Equity instruments designated at fair value through other comprehensive income	<b>5,429</b>	3,258	<b>7,449</b>	5,459
<b>Total reserves</b>	<b>343,345</b>	385,101	<b>345,365</b>	387,302

The University has three reserves. The Land, Buildings and Infrastructure reserve records revaluations in Land, Buildings and Infrastructure, the Art collection reserve records revaluations in the Art collection and the Equity instruments designated at fair value through other comprehensive income records revaluations in Investments.

## 26. Key management personnel disclosures

### (a) Names of responsible persons

The following persons were responsible persons of the University during the 2023 year. Council members include University employees who may be ex-officio members or elected staff members.

#### 2023 Council Members

Ms Pauline Carr, Chancellor  
 Professor David Lloyd, Vice Chancellor and President  
 Hon John Hill, Deputy Chancellor  
 Mr Jim Hazel, Pro Chancellor  
 Mr Michael Abbott AO KC  
 Ms Riya Kaur Bhaizada  
 Dr Kit MacFarlane  
 Ms Vanessa Matthews  
 Mr William (Bill) Muirhead AO  
 Ms Mary Patetsos AM  
 Ms Nicolle Rantanen Reynolds  
 Mr Ian Smith AM  
 Mr Isaac Solomon  
 Professor Deirdre Tedmanson  
 Mr Jim Whalley AO

#### 2023 University Enterprise Leadership Team

Professor David Lloyd, Vice Chancellor and President  
 Professor Joanne Cys  
 Professor Marnie Hughes-Warrington AO  
 Mr Paul Beard  
 Ms Jane Booth  
 Mr Tom Steer

### (b) Remuneration of key management personnel

	Consolidated		University	
	2023	2022	2023	2022
	Number	Number	Number	Number
<b>Remuneration of Council members</b>				
Nil	4	4	4	4
\$10,000 to \$19,999	-	1	-	1
\$20,000 to \$29,999	8	7	8	7
\$30,000 to \$39,999	-	1	-	1
\$40,000 to \$49,999	2	2	2	2
\$80,000 to \$89,999	1	1	1	1
	<b>15</b>	<b>16</b>	<b>15</b>	<b>16</b>

Remuneration received and receivable by Council members for their services as Council members was \$353,714 (2022: \$356,473). The total remuneration received and receivable by Council members in their position as Council members and as Directors of subsidiary companies was \$353,714 (2022: \$356,473).


**26. Key management personnel disclosures (continued)**
**(b) Remuneration of key management personnel (continued)**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>Number</b>	<b>Number</b>	<b>Number</b>	<b>Number</b>
<b>Remuneration of executive officers</b>				
\$410,000 to \$419,999	-	1	-	1
\$420,000 to \$429,999	1	-	1	-
\$470,000 to \$479,999	-	1	-	1
\$480,000 to \$489,999	-	1	-	1
\$510,000 to \$519,999	2	-	2	-
\$590,000 to \$599,999	-	1	-	1
\$600,000 to \$609,999	1	-	1	-
\$680,000 to \$689,999	-	1	-	1
\$700,000 to \$709,999	1	-	1	-
\$1,230,000 to \$1,239,999	1	-	1	-
\$1,400,000 to \$1,409,999	-	1	-	1
	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>

Total remuneration paid to the Vice Chancellor during the 2023 reporting period was \$1.235 million (2022: \$1.401 million and included a deferred benefit payment of \$0.178m accumulated over 3 years).

Executive officers are defined as the Vice Chancellor and President, and the University's Enterprise Leadership Team. The remuneration includes all normal salary, leave, allowances and other benefits paid during the reporting year. No executive received any remuneration from the University other than by way of salary and related benefits from a normal employment relationship.

**(c) Executive officers' compensation**

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>	<b>\$'000</b>
Short-term employee benefits	3,717	3,823	3,717	3,823
Post-employment benefits	283	228	283	228
<b>Total executive officers' compensation</b>	<b>4,000</b>	<b>4,051</b>	<b>4,000</b>	<b>4,051</b>

**(d) Related party transactions**

From time to time key management personnel have interests or positions in entities with which the University conducts business. In all cases transactions with these entities are undertaken during the ordinary course and under normal trading terms.





## 27. Remuneration of auditors

During the year, the following fees were paid for services provided by the auditor of the University, its related practices and non-related audit firms:

	<b>Consolidated</b>		<b>University</b>	
	<b>2023</b>	2022	<b>2023</b>	2022
	<b>\$'000</b>	\$'000	<b>\$'000</b>	\$'000
<b>Audit of the Financial Statements</b>				
Fees paid to Auditor-General's Department	<b>293</b>	273	<b>293</b>	273
Fees paid to other auditors	<b>14</b>	17	-	-
<b>Other audit and assurance services</b>				
Fees paid to other auditors	<b>31</b>	67	<b>16</b>	60
<b>Total paid for audit</b>	<b>338</b>	357	<b>309</b>	333

Audit fees paid / payable to the Auditor-General's Department relating to work performed under Section 19 of the University of South Australia Act 1990 in 2023 were \$0.29m (2022: \$0.27m).

## 28. Contingencies

The University has no material contingent liabilities or assets.

## 29. Commitments

### (a) Capital commitments

Capital expenditure contracted for at the reporting date but not recognised as liabilities is as follows:

	Consolidated		University	
	2023	2022	2023	2022
	\$'000	\$'000	\$'000	\$'000
Property, plant and equipment:				
Within one year	2,621	11,513	2,621	11,513
<b>Total Property, plant and equipment commitments</b>	<b>2,621</b>	<b>11,513</b>	<b>2,621</b>	<b>11,513</b>

Property, plant and equipment commitments represent capital works project expenditure.

### (b) Other expenditure commitments

Commitments for other expenditure in existence at the reporting date but not recognised as liabilities, are payable as follows:

	Consolidated		University	
	2023	2022	2023	2022
	\$'000	\$'000	\$'000	\$'000
Within one year	19,200	19,066	19,200	19,066
Between one and five years	11,620	10,713	11,620	10,713
Later than five years	2,638	3,801	2,638	3,801
<b>Total other expenditure commitments</b>	<b>33,458</b>	<b>33,580</b>	<b>33,458</b>	<b>33,580</b>

Other expenditure commitments includes contributions to Co-operative Research Centres (CRC), cleaning, security and material commitments arising from grants received from NHMRC.

## 30. Related Parties

### (a) Parent entities

The ultimate Australian parent entity within the Group is the University of South Australia.

### (b) Subsidiaries

Interests in subsidiaries are set out in note 32. Subsidiaries.

### (c) Key management personnel

Disclosures relating to directors and specified executives are set out in note 26. Key management personnel disclosures.

### 30. Related Parties (continued)

#### (d) Transactions with related parties

The following transactions occurred during the reporting period with related parties:

	<b>2023</b>	2022
	<b>\$'000</b>	\$'000
Fees paid to subsidiaries for the provision of services under agreement	-	1,273
Loans to subsidiaries (interest free)	<b>450</b>	-

### 31. Superannuation plans

#### (a) Categories

The University contributes to a number of superannuation schemes, divided into the following categories:

- (i) UniSuper plans open to membership:
  - UniSuper Defined Benefit Plan or Accumulation Super 2
  - Accumulation Super 1
- (ii) State Government Schemes closed to future membership by University employees:
  - State Pension Scheme
  - State Lump Sum Scheme

#### (b) UniSuper Limited Superannuation Scheme

The employees' UniSuper plan is determined by the terms of employment and is managed by a corporate trustee, UniSuper Limited. The plan is administered by UniSuper Management Pty Ltd.

The employer contribution rate for 2023 for employees in either the Defined Benefit Division (DBD) or Accumulation Super 2 was 17% of salaries. For employees in Accumulation Super 1 the contribution rate was 11% for 2023.

The UniSuper DBD is a defined benefit plan under Superannuation Law but is considered to be a defined contribution plan under Accounting Standards AASB 119. As set out under paragraph 28 of AASB 119, a defined contribution plan is a plan where the employer's legal or constructive obligation is limited to the amount it agrees to contribute to the funds and the actuarial risk and investment risk fall on the employee.

Clause 34 (b) of the Trust Deed states that the "Trustee must consider whether it is in the interests of the Members of Division A and Division B as a whole to reduce the benefits payable under Division A and Division B and, if it so considers that it should reduce benefits (which may include benefits in the course of payment), it must do so on a fair and equitable basis and at a time or times it decides".

As at 30 June 2023 the assets of the DBD aggregate (i.e. entire multi-employer DBD plan) were estimated to be:

- \$5,206 million above (2022: \$5,214 million in excess) vested benefits, after allowing for various reserves. The Vested Benefits Index based on funding assumption was 119.9%. The vested benefits are benefits which are not conditional upon continued membership (or any factor other than leaving the service of the participating institution) and include the value of indexed pensions being provided by the DBD.
- \$7,756 million above (2022: \$7,895 million in excess) accrued benefits, after allowing for various reserves. The Accrued Benefits Index based on best estimate assumptions was 132.9%. The accrued benefits have been calculated as the present value of expected future benefit payments to members and indexed pensioners which arise from membership of UniSuper up to the reporting date.



### 31. Superannuation plans (continued)

#### (b) UniSuper Limited Superannuation Scheme (continued)

The vested benefit and accrued benefit liabilities were determined by the Fund's actuary using the actuarial demographic assumptions outlined in their report on the actuarial investigation of the DBD as at 30 June 2023. The financial assumptions used were:

	<b>Vested Benefits</b>	<b>Accrued Benefits</b>
Gross of tax investment return - DBD pensions	6.7% p.a.	7.6% p.a.
Gross of tax investment return - commercial rate indexed pensions	3.8% p.a.	3.8% p.a.
Net of tax investment return - non pensioner members	5.8% p.a.	6.6% p.a.
Consumer Price Index - Year 1	5.0% p.a.	5.0% p.a.
Consumer Price Index - Year 2	3.5% p.a.	3.5% p.a.
Consumer Price Index - Beyond 2 years	2.5% p.a.	2.5% p.a.
Inflationary salary increases - For the next 2 years	4.25% p.a.	4.25% p.a.
Inflationary salary increases - Beyond 2 years	3.5% p.a.	3.5% p.a.

Assets have been included at their net market value, that is, after allowing for realisation costs.

#### (c) Super SA Superannuation plan

A number of present and past employees of the University and its predecessor institutions are members of the South Australian Superannuation Scheme. This scheme is administered by Super SA on behalf of the South Australian Superannuation Board (the Board) which is responsible for managing this scheme. The Board was established under section 5 of the *Superannuation Act 1988*. The funds are managed by the specialist investment manager, Superannuation Funds Management Corporation of South Australia (Funds SA).

Under this scheme, benefits are paid as a continuing pension or lump sum to members eligible to claim their entitlement. The Pension Scheme is a defined benefit scheme where member benefits are calculated as a percentage of final salary. Benefits are generally payable fortnightly and are indexed by Consumer Price Index (CPI). The Lump Sum Scheme is part accumulation and part defined benefit where member basic entitlements represent a refund of the member's contributions with investment returns plus a defined multiple of final salary.

Under current arrangements, Super SA pays eligible members their benefit and is reimbursed by the University for the shortfall in the employer's contribution. The Commonwealth Government fully funds the University on an emerging cost basis for the costs and recovers the State's share of the cost directly from the State Government under the Commonwealth - State Agreement. The Agreement provides that the employer component of the superannuation benefits payable to former employees of the University who were members of one of the main State Schemes, be shared.

An actuarial assessment (the Assessment) of the University's superannuation liability with respect to future benefits for current pensioners and employees was performed by Mercer Consulting (Australia) Pty Ltd as at 31 December 2023. The actuarial valuation was based on 30 June 2023 membership data which was projected to 31 December 2023 using the Projected Unit Credit Method. The University's present value of the defined benefit obligations was assessed to be \$334.97 million (2022: \$312.20 million).

The University's liability under the scheme has been partly funded by assets of \$39.91 million (2022: \$42.18 million) from 3% productivity employer contributions. This results in an unfunded liability of \$295.06 million (2022: \$270.02 million).

**31. Superannuation plans (continued)****(c) Super SA Superannuation plan (continued)**

The weighted average duration of the defined benefit obligation is 8.20 years (2022: 10.17 years). The expected maturity analysis of undisclosed benefit obligations is as follows:

	<b>Less than 1 year \$'000</b>	<b>Between 1 and 2 years \$'000</b>	<b>Between 2 and 5 years \$'000</b>	<b>More than 5 years \$'000</b>	<b>Total \$'000</b>
Defined Benefit obligation - 31 December 2023	29,926	30,264	85,380	125,041	270,611
Defined Benefit obligation - 31 December 2022	28,554	28,563	82,161	326,159	465,437

The analysis of the plan assets at the balance sheet date is as follows:

	<b>2023 (%)</b>		<b>2022 (%)</b>	
	<b>Active Market</b>	<b>No Active Market</b>	<b>Active Market</b>	<b>No Active Market</b>
Equity instruments	<b>50.2</b>	<b>0.0</b>	47.8	0.0
Property	<b>0.8</b>	<b>16.3</b>	1.1	16.0
Private Markets	<b>0.2</b>	<b>13.4</b>	0.0	0.0
Core Infrastructure	<b>0.0</b>	<b>4.9</b>	0.0	0.0
Defensive Alternatives	<b>2.0</b>	<b>0.0</b>	0.0	0.0
Credit Taxable	<b>6.2</b>	<b>0.0</b>	0.0	0.0
Growth Alternatives	<b>5.7</b>	<b>0.0</b>	0.0	0.0
Diversified Strategies Growth	<b>0.0</b>	<b>0.0</b>	6.7	12.7
Diversified Strategies Income	<b>0.0</b>	<b>0.0</b>	7.9	4.9
Cash	<b>0.3</b>	<b>0.0</b>	2.8	0.0
<b>Total</b>	<b>65.4</b>	<b>34.6</b>	66.3	33.6



## 31. Superannuation plans (continued)

## (d) Amounts recognised in the Statement of Financial Position

	University	
	2023	2022
	\$'000	\$'000
<b>Reconciliation of the present value of the defined benefit obligation</b>		
<b>Present value of defined benefit obligation at beginning of year</b>	<b>312,200</b>	385,409
Current service cost	161	117
Interest cost	12,513	6,681
Actuarial (gain) / loss		
(a) Impact of changes in demographic assumptions	1,183	-
(b) Impact of changes in financial assumptions	18,110	(54,977)
(c) Experience items	20,863	2,816
Benefits and expenses paid	(30,061)	(27,845)
<b>Present value of defined benefits obligations at end of year</b>	<b>334,969</b>	312,201
<b>Reconciliation of the fair value of the defined benefit plan assets</b>		
<b>Fair value of Scheme assets at start of year</b>	<b>42,178</b>	57,865
Interest income	1,626	997
Actual return on assets less Interest income	1,832	(2,725)
Employer contributions	24,332	22,922
Benefits and expenses paid	(30,061)	(27,845)
Adjustment to assets (Accrual to Cash)	-	(9,036)
<b>Fair value of Scheme assets at end of year</b>	<b>39,907</b>	42,178
<b>Net Liability</b>		
Defined Benefit Obligation	334,969	312,201
Less: Fair value of plan assets	(39,907)	(42,178)
<b>Net Liability</b>	<b>295,062</b>	270,023
<b>Defined Benefit Provision</b>		
Current	29,926	28,600
Non-current	265,136	241,422
<b>Total Defined Benefit Provision</b>	<b>295,062</b>	270,022

The net unfunded amount of \$295.06 million (2022: \$270.02 million) has been recognised in the accounts of the University as a liability and a corresponding receivable from the Commonwealth Government. The asset and liability have been classified as current and non-current according to cash flow projections of the Assessment.





### 31. Superannuation plans (continued)

#### (d) Amounts recognised in the Statement of Financial Position (continued)

The Commonwealth Government has agreed to provide assistance under Section 20 of the *Higher Education Funding Act* to meet the additional costs in respect of State Government emerging cost schemes, where costs are in excess of funding provided for this purpose in the base operating grant.

Assumptions adopted by Mercer Consulting (Australia) Pty Ltd in determining the University's liability were:

- Long term rate of increase in the Consumer Price Index (CPI) 2.5% per annum (2022 2.0%)
- Long term rate of increase in Salary increases 4.0% per annum (2022 2.5%)
- Discount Rate 4.0% per annum (2022 4.2%)

These rates provide for a 1.5% real gap between long term CPI and salary increases.

The sensitivity of the defined benefit obligation to changes in the significant assumptions is:

Significant Assumption	Increase in assumption	Impact on Defined Benefit Obligation	Decrease in assumption	Impact on Defined Benefit Obligation
Discount rate	0.5%	Decrease by 3.7%	0.5%	Increase by 4.0%
Pension increase rate	0.5%	Increase by 3.7%	0.5%	Decrease by 3.6%
Mortality rate	10%	Decrease by 3.8%	10%	Increase by 4.3%

#### Accounting Policy

Superannuation schemes exist to provide benefits to University employees and their dependants upon resignation, retirement, disability or death. The University recognises an expense in the Statement of Comprehensive Income for contributions paid to the funded schemes and on an emerging cost basis for the unfunded schemes.

#### Unfunded superannuation

An arrangement exists between the Australian Government and the South Australian State Government to share the unfunded liability of the University's beneficiaries of the South Australian State Superannuation Scheme on an emerging cost basis. This arrangement is evidenced by the State Grants (General Revenue) Amendment Act 1988, *Higher Education Funding Act 1988* and subsequent amending legislation. Accordingly, the unfunded liabilities have been recognised in the Statement of Financial Position as a liability with a corresponding asset. The recognition of both the asset and the liability consequently does not affect the year end net asset position of the University. The net expense is nil.



### 32. Subsidiaries

The consolidated financial statements incorporate the assets, liabilities and results of the following subsidiaries in accordance with the accounting policy included in Note 15. Other financial assets:

Name of Entity	Principal Activities	Principal place of business	Ownership interest	
			2023 %	2022 %
University of South Australia Foundation Incorporated	Dormant entity with no assets, liabilities or equity	Australia	100	100
UniSA Ventures Pty Ltd	Commercialisation of research of the University	Australia	100	100
UniSA Health Pty Ltd	Provision of clinical placements to undergraduate and postgraduate students in allied health clinics	Australia	100	100

### 33. Investments in associates

The South Australian Broadband Research & Education Network (SABRENet) Ltd is an associate of the Group. While the University has significant influence over SABRENet, its interest in SABRENet is limited to the use of SABRENet's asset. That is, the University receives no return for its interest in SABRENet. The investment in this associate is not material and therefore it is not incorporated in the financial statements.

#### Accounting Policy

Associates are all entities over which the Group has significant influence but not control. If material, investments in associates are accounted for in the parent entity financial statements using the cost method and in the consolidated financial statements using the equity method of accounting, after initially being recognised at cost.

### 34. Interests in joint arrangements

#### Accounting Policy

Under AASB 11, interests in joint arrangements are classified as either joint operations or joint ventures depending on the contractual rights and obligations each investor has, rather than the legal structure of the joint arrangement.

#### Joint operations

The University's interests in joint operations are Centre for Cancer Biology (Ownership Interest 2023:50% (2022:50%)) and Mawson Centre Building (Ownership Interest 2023:63% (2022:63%)).

Overall the University's interests in these joint operations are not considered to be material to the University's core activities and therefore are not incorporated in the financial statements. If material, the share of assets, liabilities and expenses of a joint operation are incorporated in the financial statements under the appropriate headings.

#### Joint ventures

The University's interests in joint ventures is South Australian Tertiary Admissions Centre Ltd (Ownership Interest 2023:20% (2022:20%)).

The University's interests in these joint ventures are not considered to be material to the University's core activities and therefore are not incorporated in the financial statements. If material, interests in a joint venture are accounted for in the consolidated financial statements using the equity method, after initially being recognised at cost by the University.



### 35. Events occurring after the balance sheet date

There has not arisen in the interval between the end of the financial year and the date of this report, any item, transaction, event of a material and unusual nature likely to affect significantly the operation of the University or the Group, the results of those operations, or the state of affairs of the University or the Group in future periods.

### 36. Establishment of Adelaide University

On 2 July 2023, the Councils of the University of South Australia and The University of Adelaide entered into a Heads of Agreement to record the terms and conditions on which both universities would support the creation of a future, combined University, *Adelaide University* should the South Australian Parliament so legislate.

On the 14 December, the Adelaide University Act (2023) was proclaimed by the South Australian Governor and became operative.

Under the Adelaide University Act (2023), the new *Adelaide University* legal entity was established on 8 March 2024 along with the Transition Council as the initial governing body. The Transition Council is responsible for overseeing the transition and commencement of tertiary education and research being provided and conducted by The University of Adelaide or the University of South Australia, and preparing Adelaide University to commence providing courses and other tertiary programs.

The *Adelaide University* has a target operational date of 1 January 2026 and, under Schedule 1 of the Act, on 31 March 2026 the University of South Australia Act (1990) will be repealed, and the University of South Australia disestablished as a legal entity.

During 2023, the University of South Australia incurred \$12.5 million of integration costs. The integration costs incurred during 2023 include both feasibility and due diligence costs prior to the signing of the Heads of Agreement and transition and integration costs after the signing of the Heads of Agreement.

### 37. Reconciliation of operating results after income tax to net cash flows from operating activities

	Consolidated		University	
	2023	2022	2023	2022
	\$'000	\$'000	\$'000	\$'000
Operating result for the period	(17,137)	(7,701)	(16,916)	(7,379)
Add / (less) non-cash items:				
Depreciation and amortisation	44,041	42,175	43,961	42,169
Non-cash donations	-	(79)	-	(79)
Net (gain) / loss on sale of property, plant and equipment	(191)	-	(191)	(8)
Impairment of property, plant and equipment	213	389	213	389
Property, plant and equipment in progress adjustments	788	194	788	194
Changes in operating assets and liabilities:				
(Increase) / decrease in receivables	(2,621)	8,623	(2,718)	8,597
(Increase) / decrease in other assets	(9,221)	(8,946)	(9,159)	(8,643)
Increase / (decrease) in payables and tax liabilities	13,280	(5,933)	13,549	(5,457)
Increase / (decrease) in provisions	7,103	341	7,103	543
Increase / (decrease) in other liabilities	2,083	14,091	2,072	14,374
<b>Net cash provided by / (used in) operating activities</b>	<b>38,338</b>	<b>43,154</b>	<b>38,702</b>	<b>44,700</b>





### **38. Financial risk management**

The University's activities expose it to a variety of financial risks: market risk (including currency risk, fair value interest rate risk, cash flow interest rate risk and price risk), credit risk and liquidity risk. The University's overall risk management program focuses on the unpredictability of financial markets and seeks to minimise potential adverse effects on the financial performance of the University of South Australia.

The University uses different methods to measure different types of risk to which it is exposed. These methods include informal sensitivity analyses and seeking professional advice to manage the market risk of its investments.

Risk management is co-ordinated by the University under policies approved by Council. The University identifies and evaluates financial risks in close co-operation with the University's operating units.

#### **(a) Market risk**

##### **(i) Foreign exchange risk**

The University assesses the likely foreign exchange risk for offshore activities and enters into hedging arrangements if appropriate.

As at 31 December 2023 the University held US\$2.01 million (A\$2.93 million) (2022: US\$2.01 million (A\$2.96 million)) as Cash at bank and Deposits at call.

The University assesses the likely foreign exchange risk for probable forecasted transactions in foreign currencies for onshore activities and enters into hedging arrangements to mitigate foreign exchange risk if appropriate.

##### **(ii) Cash flow and fair value interest rate risk**

Interest rate risk is the risk that the value of a financial instrument will fluctuate due to changes in market interest rates.

Exposures arise predominantly from assets and liabilities bearing variable interest rates as such the Group intends to hold fixed rate assets and liabilities to maturity.

##### **(iii) Risk associated with equity instruments designated at fair value through other comprehensive income**

Investments comprise investments in listed and unlisted entities. The University has a prudent investment strategy. It is acknowledged there may be short-term fluctuations in asset values from time to time; however historical trends for such a strategy indicate that, with reasonable probability, unrealised losses will be recovered in the medium to long-term.

The nature of the University's activities are generally low risk. Investments tend to be largely held in term deposits with banking institutions and debtors are spread across a large number of customers. Due to the nature and value of the financial instruments held by the University, sensitivity analysis has not been provided.



### **38. Financial risk management (continued)**

#### **(b) Credit risk**

Credit risk represents the loss that would be recognised if counterparties failed to perform as contracted.

The credit risk on financial assets excluding investments of the University which have been recognised in the statement of financial position is the carrying amount net of any provisions for impaired receivables.

The University is not materially exposed to credit risk from any specific overseas country or individual customer.

#### **(c) Liquidity risk**

The University manages liquidity risk by monitoring forecast cash flows to enable the University to meet financial commitments in a timely manner.

Non-Interest Bearing financial assets and financial liabilities include receivables, other financial assets and payables. Cash and cash equivalents are interest earning financial assets, ranging from immediate availability to maturity of less than two years.

### **39. Fair value measurements**

#### **(a) Fair value measurements**

The fair value of financial assets and financial liabilities must be estimated for recognition and measurement or for disclosure purposes.

Due to the short-term nature of the current receivables, their carrying value approximates their fair value and based on credit history it is expected that the receivables that are neither past due nor impaired will be received when due. Similarly, due to the short-term nature of current payables, the carrying value is assumed to approximate fair value.

The Group measures and recognises the following assets and liabilities at fair value on a recurring basis:

- Financial assets at fair value through profit and loss
- Financial assets at fair value through other comprehensive income
- Available-for-sale financial assets
- Land and Buildings
- Infrastructure
- Art collection

#### **(b) Fair value hierarchy**

The University categorises assets and liabilities measured at fair value into a hierarchy based on the level of inputs used in measurements.

Level 1	Quoted prices (unadjusted) in active markets for identical assets or liabilities
Level 2	Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly
Level 3	Inputs for the asset or liability that are not based on observable market data (unobservable inputs)

**39. Fair value measurements (continued)****(b) Fair value hierarchy (continued)****(i) Recognised fair value measurements**

Fair value measurements recognised in the statement of financial position are categorised into the following levels at 31 December 2023.

**Fair value measurements**

	Note	2023 \$'000	Level 1 \$'000	Level 2 \$'000	Level 3 \$'000
<b>Recurring fair value measurements at 31 Dec 2023</b>					
<b>Financial assets</b>					
Equity Instruments designated at fair value through other comprehensive income	15	35,327	29,014	2,163	4,150
Total financial assets		35,327	29,014	2,163	4,150
<b>Non-financial assets</b>					
Land and Buildings	18				
Land		164,042	-	164,042	-
Buildings		822,201	-	15,560	806,641
Infrastructure		37,906	-	-	37,906
Other non-financial assets	18				
Art Collection		3,093	-	-	3,093
Total non-financial assets		1,027,242	-	179,602	847,640
<b>Recurring fair value measurements at 31 Dec 2022</b>					
<b>Financial assets</b>					
Equity Instruments designated at fair value through other comprehensive income	15	31,980	25,199	2,381	4,400
Total financial assets		31,980	25,199	2,381	4,400
<b>Non-financial assets</b>					
Land and buildings	18				
Land		221,461	-	221,461	-
Buildings		864,759	-	15,560	849,199
Infrastructure		47,186	-	-	47,186
Other non-financial assets	18				
Art collection		3,093	-	-	3,093
Total non-financial assets		1,136,499	-	237,021	899,478

There were no transfers between Levels 1 and 2 for recurring fair value measurements during the year.

The University's policy is to recognise transfers into and transfers out of fair value hierarchy levels as at the end of the reporting period.





**39. Fair value measurements (continued)**

**(c) Valuation techniques used to derive Level 2 and Level 3 fair values**

**Assets or liabilities not traded in active markets**

The fair value of financial instruments that are not traded in an active market is determined using valuation techniques. These valuation techniques maximise the use of observable market data where it is available and rely as little as possible on entity specific estimates. If all significant inputs required to fair value an instrument are observable, the instrument is included in Level 2. All other financial instruments that are not traded in an active market are included in Level 3.

**Land, Buildings and Infrastructure**

The Group engages external, independent and qualified valuers to determine the fair value of the Group's Land, Buildings and Infrastructure at least every three years. As at 31 December 2022, the fair values of Land, Buildings and Infrastructure have been determined by Opteon Pty Ltd.

Land fair value estimates were based on the highest and best use of the land, being the existing use as University campuses and valued separately from any structures or improvements residing on it, but having regard to any restrictions on its use. These assets are classified as Level 2.

Buildings fair value estimates were based on the highest and best use, being the existing use as University campuses. The valuation technique for buildings adopted by Opteon Pty Ltd was to assess the written down current cost for the buildings. New replacement costs on the basis of a modern equivalent were assessed and then generally depreciated using the straight line method, having regard to the estimated useful and remaining life for each structure. 12 properties were identified as having sufficient market based evidence to assess their value and these are classified as Level 2. All other Buildings are classified as Level 3.

**Art collection**

The Art collection is revalued at least every three years using an internal valuation carried out by the Director: Samstag Museum of Art giving consideration to current sales and auctions of works by the same artist and/or similar genre. The collection was valued at 31 December 2022.


**39. Fair value measurements (continued)**
**(d) Fair value measurements using significant unobservable inputs (Level 3)**

The following table is a reconciliation of Level 3 items for the periods ended 31 December 2023 and 2022.

<b>Level 3 Fair Value Measurement 2023</b>	<b>Unlisted equity securities \$'000</b>	<b>Buildings \$'000</b>	<b>Infrastructure \$'000</b>	<b>Art collection \$'000</b>	<b>Total \$'000</b>
Opening balance	4,400	849,199	47,186	3,093	903,878
Acquisitions	285	-	-	-	285
Reclassifications	-	8,706	459	-	9,165
Disposals	-	(22,302)	(7,296)	-	(29,598)
Recognised in profit or loss	-	(28,533)	(2,443)	-	(30,976)
Recognised in other comprehensive income	(535)	-	-	-	(535)
Transfers out	-	(429)	-	-	(429)
Closing balance	<b>4,150</b>	<b>806,641</b>	<b>37,906</b>	<b>3,093</b>	<b>851,790</b>

<b>Level 3 Fair Value Measurement 2022</b>	<b>Unlisted equity securities \$'000</b>	<b>Buildings \$'000</b>	<b>Infrastructure \$'000</b>	<b>Art Collection \$'000</b>	<b>Total \$'000</b>
Opening balance	5,404	777,780	43,543	3,093	829,820
Acquisitions	185	-	-	-	185
Reclassifications	-	16,688	448	-	17,136
Disposals	(1,189)	-	-	-	(1,189)
Recognised in profit or loss	-	(26,241)	(2,148)	-	(28,389)
Recognised in other comprehensive income	-	77,000	5,343	-	82,343
Transfers out	-	3,972	-	-	3,972
Closing balance	<b>4,400</b>	<b>849,199</b>	<b>47,186</b>	<b>3,093</b>	<b>903,878</b>

**(i) Transfers between Level 2 and Level 3 and changes in valuation techniques**

Other than described above, there were no changes in valuation techniques during the year.

**39. Fair value measurements (continued)****(d) Fair value measurements using significant unobservable inputs (Level 3) (continued)****(ii) Valuation inputs and relationships to fair value**

The following table summarises the quantitative information about the significant unobservable inputs used in Level 3 fair value measurements. See (c) above for the valuation techniques adopted.

<b>Description</b>	<b>Fair value at 31 December 2023 \$'000</b>	<b>Unobservable inputs</b>	<b>Range of inputs (probability weighted average)</b>	<b>Relationship of unobservable inputs to fair value</b>
Unlisted equity securities	4,150	Market comparison based on internal assessment of net asset values and potential growth.	Net asset position and future earnings	Increase in net assets and increase in future earnings would result in higher fair values; decrease in net assets and decrease in future earnings would result in lower fair values.





**40. Acquittal of Australian Government financial assistance**

**(a) EDUCATION - CGS and other Education grants**

	Commonwealth Grants Scheme #1		Indigenous, Regional and Low-SES Attainment Fund #2		Promotion of Excellence in Learning and Teaching		Higher Education Disability Support Program #3	
	2023	2022	2023	2022	2023	2022	2023	2022
Note	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Financial assistance received in cash during the reporting period (total cash received from the Australian Government for the program)	205,556	195,692	9,511	9,460	-	-	397	260
Net accrual adjustments	(4,717)	2,763	-	127	-	-	-	-
<b>Revenue for the period</b>	<b>200,839</b>	<b>198,455</b>	<b>9,511</b>	<b>9,587</b>	<b>-</b>	<b>-</b>	<b>397</b>	<b>260</b>
Movement in deferred income	-	-	-	(127)	-	-	-	-
Surplus / (deficit) from the previous year	-	-	-	161	36	46	127	107
<b>Total revenue including accrued revenue</b>	<b>200,839</b>	<b>198,455</b>	<b>9,511</b>	<b>9,621</b>	<b>36</b>	<b>46</b>	<b>524</b>	<b>367</b>
Less expenses including accrued expenses	(200,839)	(198,455)	(9,511)	(9,621)	(13)	(10)	(161)	(240)
<b>Surplus / (deficit) for reporting period</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>23</b>	<b>36</b>	<b>363</b>	<b>127</b>



**40. Acquitment of Australian Government financial assistance (continued)**

**(a) EDUCATION - CGS and other Education grants (continued)**

	National Priorities and Industry Linkage Fund		Tertiary Access Payment		Total	
	2023	2022	2023	2022	2023	2022
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Note</b>						
Financial assistance received in cash during the reporting period (total cash received from the Australian Government for the program)	7,310	7,063	-	-	222,774	212,475
Net accrual adjustments	-	-	-	5	(4,717)	2,895
<b>Revenue for the period</b>	<b>7,310</b>	<b>7,063</b>	<b>-</b>	<b>5</b>	<b>218,057</b>	<b>215,370</b>
Movement in deferred income	-	-	-	(5)	-	(132)
Surplus / (deficit) from the previous year	-	-	1,096	1,101	1,259	1,415
<b>Total revenue including accrued revenue</b>	<b>7,310</b>	<b>7,063</b>	<b>1,096</b>	<b>1,101</b>	<b>219,316</b>	<b>216,653</b>
Less expenses including accrued expenses	(7,310)	(7,063)	-	(5)	(217,834)	(215,394)
<b>Surplus / (deficit) for reporting period</b>	<b>-</b>	<b>-</b>	<b>1,096</b>	<b>1,096</b>	<b>1,482</b>	<b>1,259</b>

#1 Includes the basic CGS grant amount, Allocated Places and Non Designated Courses.

#2 Includes the Higher Education Participation and Partnership Program, regional loading, enabling loading and Indigenous Student Success Program.

#3 Higher Education Disability Support Program includes Additional Support for Students with Disabilities and Australian Disability Clearing house on Education and Training.



**40. Acquitall of Australian Government financial assistance (continued)**

**(b) Higher Education Loan Programs (excl OS-HELP)**

	HECS-HELP (Australian Government payments only)		FEE-HELP		SA-HELP		Total	
	2023	2022	2023	2022	2023	2022	2023	2022
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
<b>Note</b>								
Cash Payable / (Receivable) at the beginning of the year	5,881	1,871	220	476	146	(144)	6,247	2,203
Financial assistance received in cash during the reporting period	135,301	139,323	8,644	8,091	3,686	3,674	147,631	151,088
Cash available for the period	141,182	141,194	8,864	8,567	3,832	3,530	153,878	153,291
Revenue earned	133,246	135,313	8,081	8,347	3,174	3,384	144,501	147,044
<b>Cash Payable / (Receivable) at the end of the year</b>	<b>7,936</b>	<b>5,881</b>	<b>783</b>	<b>220</b>	<b>658</b>	<b>146</b>	<b>9,377</b>	<b>6,247</b>

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**40. Acquittal of Australian Government financial assistance (continued)**

**(c) Department of Education and Research**

	Trailblazer Universities Program		Research Training Program		Research Support Program		Total	
	2023	2022	2023	2022	2023	2022	2023	2022
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Financial assistance received in CASH during the reporting period (total cash received from the Australian Government for the program)	1,414	-	16,957	15,859	16,230	16,034	34,601	31,893
Net accrual adjustments	(2)	-	-	-	-	-	(2)	-
<b>Revenue for the period</b>	<b>1,412</b>	<b>-</b>	<b>16,957</b>	<b>15,859</b>	<b>16,230</b>	<b>16,034</b>	<b>34,599</b>	<b>31,893</b>
Surplus/(deficit) from the prior year	-	-	961	1,806	-	-	961	1,806
Total funding available during the year	1,412	-	17,918	17,665	16,230	16,034	35,560	33,699
Less expenses including accrued expenses	(1,412)	-	(17,307)	(16,704)	(16,230)	(16,034)	(34,949)	(32,738)
<b>Surplus/(deficit) for reporting period</b>	<b>-</b>	<b>-</b>	<b>611</b>	<b>961</b>	<b>-</b>	<b>-</b>	<b>611</b>	<b>961</b>



## 40. Acquittal of Australian Government financial assistance (continued)

## (d) Total Higher Education Provider Research Training Program expenditure

	Total domestic students \$'000	Total overseas students \$'000
Research Training Program fees offsets	11,474	-
Research Training Program stipends	4,191	1,580
Research Training Program allowances	10	52
<b>Total for all types of support</b>	<b>15,675</b>	<b>1,632</b>

## (e) Other capital funding

	Linkage Infrastructure, Equipment and Facilities Scheme		Total	
	2023	2022	2023	2022
Note	\$'000	\$'000	\$'000	\$'000
Financial assistance received in cash during the reporting period (total cash received from the Australian Government for the program)	33	-	33	-
Net accrual adjustments	(25)	65	(25)	65
<b>Revenue for the period</b>	<b>8</b>	<b>65</b>	<b>8</b>	<b>65</b>
Movement in deferred income	25	(65)	25	(65)
Surplus / (deficit) from the previous year	-	65	-	65
<b>Total revenue including accrued revenue</b>	<b>33</b>	<b>65</b>	<b>33</b>	<b>65</b>
Less expenses including accrued expenses	(8)	(65)	(8)	(65)
<b>Surplus / (deficit) for reporting period</b>	<b>25</b>	<b>-</b>	<b>25</b>	<b>-</b>

**40. Acquittal of Australian Government financial assistance (continued)**

**(f) Australian Research Council Grants**

	Discovery		Linkages		Networks and Centres		Special Research Initiatives		Total	
	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
Note	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Financial assistance received in cash during the reporting period (total cash received from the Australian Government for the program)	4,864	4,581	843	1,780	-	-	65	80	5,772	6,441
Net accrual adjustments	71	(304)	1,228	(89)	442	372	10	18	1,751	(3)
<b>Revenue for the period</b>	<b>4,935</b>	<b>4,277</b>	<b>2,071</b>	<b>1,691</b>	<b>442</b>	<b>372</b>	<b>75</b>	<b>98</b>	<b>7,523</b>	<b>6,438</b>
Movement in deferred income	(210)	283	(695)	583	92	162	(10)	(18)	(823)	1,010
Surplus / (deficit) from the previous year	4,894	4,610	2,741	2,160	956	794	60	78	8,651	7,642
<b>Total revenue including accrued revenue</b>	<b>9,619</b>	<b>9,170</b>	<b>4,117</b>	<b>4,434</b>	<b>1,490</b>	<b>1,328</b>	<b>125</b>	<b>158</b>	<b>15,351</b>	<b>15,090</b>
Less expenses including accrued expenses	(4,935)	(4,276)	(2,070)	(1,693)	(442)	(372)	(74)	(98)	(7,521)	(6,439)
<b>Surplus / (deficit) for reporting period</b>	<b>4,684</b>	<b>4,894</b>	<b>2,047</b>	<b>2,741</b>	<b>1,048</b>	<b>956</b>	<b>51</b>	<b>60</b>	<b>7,830</b>	<b>8,651</b>



**40. Acquittal of Australian Government financial assistance (continued)****(g) OS-HELP**

	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>
Cash received during the reporting period	<b>2,745</b>	251
Cash spent during the reporting period	<b>(1,546)</b>	(526)
Net cash received	<b>1,199</b>	(275)
Cash surplus / (deficit) from the previous period	<b>1,738</b>	2,013
<b>Cash surplus for the reporting period</b>	<b>2,937</b>	1,738

**(h) Superannuation Supplementation**

	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>
Cash received during the reporting period	<b>23,253</b>	22,006
Cash available	<b>23,253</b>	22,006
Cash surplus / (deficit) from the previous period	<b>19</b>	821
Cash available for current period	<b>23,272</b>	22,827
Contributions to specified defined benefit funds	<b>(23,265)</b>	(22,808)
<b>Cash surplus for the reporting period</b>	<b>7</b>	19

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**(i) Student services and amenities fee**

	<b>2023</b>	<b>2022</b>
	<b>\$'000</b>	<b>\$'000</b>
Unspent / (overspent) revenue from previous period	<b>1,531</b>	1,408
SA-HELP revenue earned	<b>3,174</b>	3,384
Student services fees direct from students	<b>1,429</b>	1,376
Total revenue expendable in period	<b>6,134</b>	6,168
Student services expenses during period	<b>(5,247)</b>	(4,637)
<b>Unspent student services revenue</b>	<b>887</b>	1,531

Note

4



**CERTIFICATE**  
**FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED 31 DECEMBER 2023**

To the best of our knowledge and belief:

- the financial statements:
  - are in accordance with the accounts and records of the University and give an accurate indication of the financial transactions of the University for the year then ended;
  - comply with the relevant Treasurer's Instructions promulgated under the provisions of the *South Australian Public Finance and Audit Act 1987*;
  - comply with the requirements of the *Australian Charities and Not-for-Profits Commission Act 2012*;
  - comply with relevant Accounting Standards and other mandatory professional reporting requirements in Australia; and
  - present a true and fair view of the financial position of the University as at 31 December 2023 and the result of its operations and its cash flows for the year then ended.
- the amount of Australian Government financial assistance expended during the reporting period was for the purpose(s) for which it was intended and the University has complied with applicable legislation, contracts, agreements and program guidelines in making expenditure.
- the University charged Student Services and Amenities Fees strictly in accordance with the *Higher Education Support Act 2003* and the Administration Guidelines made under the Act. Revenue from the fee was spent strictly in accordance with the Act and only on services and amenities specified in subsection 19-38(4) of the Act.
- internal controls over financial reporting and preparation of the financial statements have been effective throughout the reporting period.
- at the time of signing this statement, there are reasonable grounds to believe that the University will be able to pay its debts as and when they become due and payable.

Ms Pauline Carr  
Chancellor

Professor David G. Lloyd  
Vice Chancellor and President

Ms Ginette Fogarty  
Chief Financial Officer

2 May 2024



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## To the Chancellor University of South Australia

### Opinion

I have audited the financial report of the University of South Australia and the consolidated entity comprising the University of South Australia and its controlled entities for the financial year ended 31 December 2023.

In my opinion the accompanying consolidated financial report has been prepared in accordance with relevant Treasurer's Instructions issued under the provisions of the *Public Finance and Audit Act 1987*, Division 60 of the *Australian Charities and Not-for-profits Commission Act 2012*, the *Higher Education Support Act 2003* and Australian Accounting Standards, including:

- a) giving a true and fair view of the financial position of the University of South Australia and its controlled entities as at 31 December 2023, its financial performance and its cash flows for the year then ended, and
- b) complying with Division 60 of the Australian Charities and Not-for-profits Commission Regulations 2022.

The consolidated financial report comprises:

- a Statement of Comprehensive Income for the year ended 31 December 2023
- a Statement of Financial Position as at 31 December 2023
- a Statement of Changes in Equity for the year ended 31 December 2023
- a Statement of Cash Flows for the year ended 31 December 2023
- notes, comprising material accounting policy information and other explanatory information
- a Certificate from the Chancellor, Vice Chancellor and President and the Chief Financial Officer.



## **Basis for opinion**

I conducted the audit in accordance with the *Public Finance and Audit Act 1987* and Australian Auditing Standards. My responsibilities under those standards are further described in the 'Auditor's responsibilities for the audit of the consolidated financial report' section of my report. I am independent of the University of South Australia and its controlled entities. The *Public Finance and Audit Act 1987* establishes the independence of the Auditor-General. In conducting the audit, the relevant ethical requirements of APES 110 *Code of Ethics for Professional Accountants (including Independence Standards)* have been met.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

## **Responsibilities of the Vice Chancellor and President and the Council for the financial report**

The Vice Chancellor and President is responsible for the preparation of the financial report that gives a true and fair view in accordance with relevant Treasurer's Instructions issued under the provisions of the *Public Finance and Audit Act 1987*, the *Australian Charities and Not-for-profits Commission Act 2012*, the *Higher Education Support Act 2003* and the Australian Accounting Standards, and for such internal control as management determines is necessary to enable the preparation of the financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error.

In preparing the financial report, the Vice Chancellor and President is responsible for assessing the University of South Australia's and its controlled entities' ability to continue as a going concern, taking into account any policy or funding decisions the government has made which affect the continued existence of the entity. The Vice Chancellor and President is also responsible for disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the assessment indicates that it is not appropriate.

The Council is responsible for overseeing the entity's financial reporting process.

## **Auditor's responsibilities for the audit of the financial report**

As required by section 31(1)(b) of the *Public Finance and Audit Act 1987* and section 19 of the *University of South Australia Act 1990*, I have audited the financial report of the University of South Australia and its controlled entities for the financial year ended 31 December 2023.

My objectives are to obtain reasonable assurance about whether the financial report as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Australian Auditing Standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of this financial report.

As part of an audit in accordance with Australian Auditing Standards, I exercise professional judgement and maintain professional scepticism throughout the audit. I also:

- identify and assess the risks of material misstatement of the financial report, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control
- obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the University of South Australia's internal control
- evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Vice Chancellor and President
- conclude on the appropriateness of the Vice Chancellor and President's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the entity's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the financial report or, if such disclosures are inadequate, to modify the opinion. My conclusion is based on the audit evidence obtained up to the date of the auditor's report. However, future events or conditions may cause an entity to cease to continue as a going concern
- evaluate the overall presentation, structure and content of the financial report, including the disclosures, and whether the financial report represents the underlying transactions and events in a manner that achieves fair presentation.
- obtain sufficient appropriate audit evidence regarding the financial information of the entities and business activities within the university and the group to express an opinion on the financial report. I am responsible for the direction, supervision and performance of the audit of the university and the group. I remain solely responsible for my audit opinion.

My report refers only to the financial report described above and does not provide assurance over the integrity of electronic publication by the entity on any website nor does it provide an opinion on other information which may have been hyperlinked to/from the report.

I communicate with the Vice Chancellor and President and the Council about, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during the audit.



Andrew Blaskett  
**Auditor-General**

03 May 2024



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South Australia**

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