

2019
**ANNUAL
REVIEW**



University of
South Australia

Hon John Gardner MP
Minister for Education and Child Development
Minister for Child Development, Higher Education and Skills
Level 9, 31 Flinders Street
Adelaide SA 5000

30 June 2020

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 2019 Annual Review and Financial Statements, for the year ending 31 December 2019.

The University Council approved the Annual Review and the Financial Statements at its meeting on 12 May 2020.

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 Corporate Communications Manager on:

Telephone: +618 8302 9136
Email: susan.lamont@unisa.edu.au

FURTHER INFORMATION

This report, as well as past annual reports, are available on our website unisa.edu.au/publications

For hard copies of this report:

Telephone: +618 8302 0657

Or write to:

Reception
Chancellery
University of South Australia
GPO Box 2471, Adelaide South Australia 5001



Acknowledgement of Country

UniSA respects the Kaurna, Boandik and Bangarla peoples' spiritual relationship with their country. Artist: Ngupulya Pumani

Find out more about the University's commitment to reconciliation at unisa.edu.au/RAP





CONTENTS

Chancellor's Report	4
Vice Chancellor's Report	5
2019 at a glance	6
Key stats	7
Financial overview	8
Financial summary	9
Programs	12
Research	18
People	26
Precincts and Community	40
Governance and Management	50
2019 Annual Financial Statements	62

Chancellor's Report



This past year has been one of positive exciting change. While still being regarded as one of the world's best young universities (we're going to be 30 soon) we still managed to impress ratings agencies with our individual programs, our research excellence and the employability of our graduates.

We consistently attract up to half of all first preferences in the State domestically and in 2019 international education edged ahead of the wine industry to sit just below the minerals industry as the state's top export earner for South Australia.

This reinforces the important role the University, and higher education more broadly, plays as a major contributor to the intellectual, social and economic fabric of the State. UniSA contributes approximately \$1.3 billion to the local economy through its teaching, learning and research, and supports over 9,000 jobs and around 1.4 per cent of state employment.

UniSA is a driving force in advancing our city and State. It helps connect us to the world and partners with industry to deliver direct benefits to employment, research and development, diplomacy, and the new knowledge underpinning business growth.

That's what makes UniSA Australia's University of Enterprise.

We could only achieve what we did in 2019 with our dedicated and hard-working staff of academics and professionals, each of whom is inspired by new challenges. We also have a strong and trusting relationship between our governing body, our Council, and the management of the University, a relationship that we value, that we work hard at maintaining and that we don't ever take for granted.

The University is on a robust trajectory for future growth and we have exactly the right people working with us who can help make our continued growth a reality and to face the many challenges of the years ahead.

This University is unstoppable!

A handwritten signature in blue ink, which appears to be 'P. Carr', written over a faint, light blue circular watermark or background.

Ms Pauline Carr
Chancellor

Vice Chancellor's Report



The University of South Australia is considered one of the very best young universities in the world and in 2019 we worked at improving on that reputation.

The Good Universities Guide ranked us top in the state for students who are most satisfied with their education, who are most engaged with their peers and who have the best learning resources.

We were also ranked top in the state for our students being the most likely to gain full-time jobs on graduation which, in the end, is the most important metric of all.

Our research was independently and objectively rated as being at or above world class by the Excellence in Research Australia assessment and the work we do with industry and the professions was recognised in the Times Higher Education rankings when they rated us as Number One in Australia for industry research income.

In a year of highlights, one of the best was our being awarded Bronze Accreditation in the Science in Australia Gender Equity (SAGE) initiative, which promotes gender equity and diversity in science, technology, engineering, mathematics and medicine (STEMM) in Australia. Bronze means that we have been recognised as having made a commitment to gender equity and diversity across the institution.

While we have been busy accepting our many accolades, we have also put in quite a lot of work to re-orient our university to ensure we continue our upward trajectory and grow into the future. This is a future that is being transformed by technology, both in the way industry operates and in the expectations of our students.

As Australia's University of Enterprise, it is fitting that we evolve and change as we keep up with the changing demands of our students and our research partners, but while we are undergoing the single largest change program in the last 20 years, we are going about it the UniSA way – people focused – outcome driven. Our future is now summed up in our strategic plan, Enterprise25, which puts People, Programs and Precincts at the heart of the University's operations.

We're focusing first on our programs, which have undergone an intense review process and are now informed by cutting-edge research and pedagogy. We aim for them to now be considered amongst the best in the world.

We are also working hard to enhance our teaching quality and making sure that we offer an exceptional student experience. All undergraduate programs will integrate interdisciplinary opportunities that will deliver skilled and flexible graduates to an ever-changing workforce.

We have always been agile, responsive and focused on creating new knowledge that's useful to our community, and transferring that knowledge through our teaching so that we graduate people already equipped for the future of work.

Our enterprise transformation will cement our position as the University of Choice for professional careers; as the University of Choice for business and industry seeking to access our research to help to solve their problems; and as the University of Choice for people who truly want to make a difference.

Of course, our ambition to be the University of Choice for Aboriginal Peoples is as important today as it was when we first became a University 29 years ago.

We are soon to be celebrating our 30th anniversary as a university and I am proud of the fact that we have always made social change and development a priority. We are committed to the health and wellbeing of our community and adding real value to our state's economy.

Professor David Lloyd
Vice Chancellor and President

2019 at a glance



35,330

STUDENTS



6,986

PARCHMENTS AWARDED



7

**LEADING RESEARCH
CONCENTRATIONS**

Future Industries Institute
Cancer Research Institute
Ehrenberg-Bass Institute
for Marketing Science
Australian Centre for Child Protection
Australian Research Centre for
Interactive And Virtual Environments
Centre for Workplace Excellence
Quality Use of Medicines and
Pharmacy Research Centre



6,763

INTERNATIONAL STUDENTS



500

**INTERNATIONAL
COLLABORATIONS**



6,454

**INTERNATIONAL STUDENTS
ONSHORE**



92

**STUDENT EXCHANGE
PARTNER INSTITUTIONS**



4

ACADEMIC DIVISIONS

UniSA Business School
Education, Arts and Social Sciences
Health Sciences
Information Technology,
Engineering and the Environment



220,287

UNIVERSITY ALUMNI



2,891*

STAFF POPULATION
*Actual headcount



6

CAMPUSES

City East / City West / Magill /
Mawson Lakes / Mount Gambier / Whyalla

Key stats

	2013	2014	2015	2016	2017	2018	2019
Number of students							
Total	33,549	32,647	32,079	31,930	31,966	33,813	35,330
Commencing	12,620	12,616	12,122	12,129	12,484	14,073	14,370
Student load (EFTSL)*							
Total	23,205	22,495	22,264	22,268	22,142	22,976	24,406
Undergraduate	19,168	18,617	18,454	18,616	18,557	19,155	20,158
Postgraduate	4,037	3,878	3,810	3,652	3,585	3,820	4,248
Student load by funding source (EFTSL)							
Commonwealth Grant Scheme	16,729	16,831	16,942	17,017	17,119	17,610	18,333
Commonwealth Research Training Scheme	576	573	550	492	500	464	475
Domestic fee paying	423	467	484	468	437	420	394
International onshore	3,918	3,887	3,839	3,963	3,933	4,329	5,021
Transnational	1,549	731	449	321	148	147	177
Award completions							
Total	8,594	8,193	7,452	7,339	7,378	7,180	6,986
Undergraduate	5,918	5,536	5,021	4,990	5,208	4,973	4,754
Postgraduate	2,676	2,657	2,431	2,349	2,170	2,207	2,232
Staff (FTE)							
Total	2,619	2,641	2,596	2,492	2,595	2,642	2,675
Academic	1,110	1,127	1,126	1,061	1,122	1,131	1,143
Professional	1,509	1,515	1,470	1,431	1,473	1,511	1,532
Financials							
Consolidated operating result (\$M)	71.6	29.7	55.9	40.5	13.2	19.5	21.5
Safety margin	11.8%	5.1%	9.2%	6.6%	2.2%	3.0%	3.1%
Net assets (\$M)	981.2	1,009.2	1,071.0	1,174.0	1,188.8	1,209.2	1,263.1
Total assets (\$M)	1,564.1	1,648.7	1,673.4	1,770.0	1,786.7	1,796.4	1,918.9
Total revenue (\$M)	604.1	584.2	607.6	609.3	610.8	658.5	685.5

Notes:

*Student load by funding source.

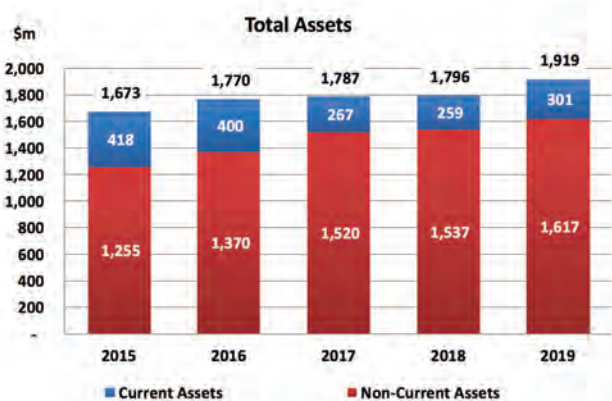
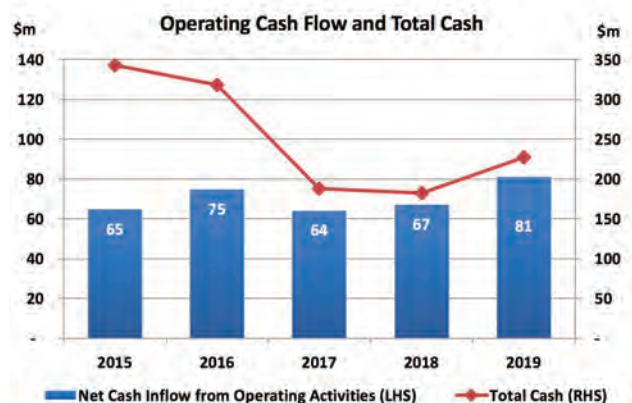
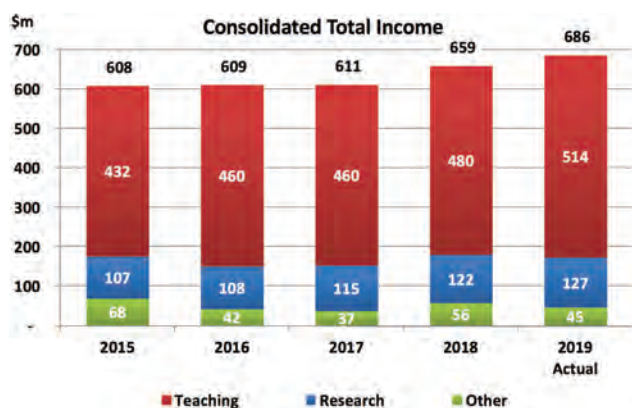
Load is expressed as Equivalent Full Time Student Load (EFTSL).

Staff figures are full-time equivalent positions of full-time and part-time continuing and fixed term staff as at 31 March 2020.

Financial overview

	CONSOLIDATED		UNIVERSITY	
	2019 \$M	2018 \$M	2019 \$M	2018 \$M
SUMMARY STATEMENT OF COMPREHENSIVE INCOME				
OPERATING INCOME	685.5	658.5	684.5	657.6
Employee Related Expenses	415.7	397.5	413.5	395.3
Non-salary Expenses	248.3	241.5	249.9	242.9
OPERATING EXPENSES (INCL. INCOME TAX)	664.0	639.0	663.4	638.2
OPERATING RESULT AFTER INCOME TAX	21.5	19.5	21.1	19.4
Safety Margin ¹	3.1%	3.0%	3.1%	3.0%
SUMMARY STATEMENT OF FINANCIAL POSITION				
Current Assets	301.5	259.1	298.9	257.0
Non-current Assets	1,617.5	1,537.3	1,618.9	1,538.7
TOTAL ASSETS	1,918.9	1,796.4	1,917.8	1,795.7
Current Liabilities	226.9	190.4	226.6	190.3
Non-current Liabilities	428.9	396.7	428.9	396.7
TOTAL LIABILITIES	655.8	587.1	655.6	587.0
NET ASSETS	1,263.1	1,209.2	1,262.2	1,208.7
SUMMARY STATEMENT OF CASH FLOWS				
Net Cash Flows from Operating Activities	81.0	67.0	80.9	66.8
Net Cash Flows from Investing Activities	(33.0)	(73.0)	(33.0)	(73.0)

¹ Safety Margin: Operating Result after Income Tax ÷ Operating Income



Financial summary

In 2019 UniSA achieved an Operating Result of \$21.5 million equating to 3.1% of Operating Income (2018: 3.0%). The 2019 result was achieved notwithstanding the continuation of the Commonwealth Government cap on Commonwealth Grant Scheme (CGS) funding held at 2017 levels, along with ongoing under-indexation of Commonwealth funding relative to cost escalation.

Consolidated Operating Income grew by \$27.0 million to \$685.5 million (2018: \$658.5 million). Teaching Income grew by \$33.4 million or 6.9% with strong student growth in Commonwealth Supported Places (CSP) and Fee Paying Overseas Students (FPOS). Research Income grew by \$5.0 million or 4.1% through growth in Categories 1-4 Research Funding. Other revenue decreased by \$11.3 million due mainly to a one-off \$6.4 million dividend received from Open Universities Australia (OUA) in 2018.

The consolidated financial position remains sound, with Net Assets increasing by \$53.9 million to \$1.3 billion including a \$45.2 million increase in Total Cash to \$227.3 million at 31 December 2019 (2018: \$182.2 million).

The University has included the following disclosure in the 2019 financial statements regarding the Coronavirus (COVID-19) as an event occurring after the balance sheet date:

Since 31 December 2019 the Australian Government has implemented travel restrictions and other measures to manage the risks from the spread of the coronavirus (COVID-19) which will impact student revenue.

The pandemic has also impacted investment markets and interest rates, which affect the measurement of a range of the University's assets, including investments in equity instruments designated at fair value through other comprehensive income and also actuarially assessed liabilities including superannuation, long service leave, and workers compensation provisions.

It is anticipated that, should these factors continue during 2020, they have the potential to significantly impact the University's financial position and operating result for the 2020 year.

See financial statements, page 62.



Australia's University of Enterprise

The University of South Australia is Australia's University of Enterprise, known for a culture of creativity and innovation with global and national links to academic, research and industry partners. Its graduates are global professionals ready to create and respond to change. Its research is courageous and inventive and it creates new knowledge that is central to global economic and social prosperity.

It is considered one of the world's best young universities.



University of
South Australia



PROGRAMS

Under our Enterprise25 plans, our Programs will be at the core of what we do. We plan to be the leading educator for the new professions and to prepare our students for their careers as future leaders, citizens, innovators and adventurers of tomorrow. Through our curriculum innovation process, we are reshaping and reviewing our programs to ensure they are leading-edge, end-user endorsed programs that are all ranked amongst the best in the world.



UniSA #26 IN GLOBAL YOUNG UNIVERSITY RANKINGS

UniSA maintained its strong position at number 26 in the Times Higher Education (THE) Young University Rankings 2019 global ranking of universities under 50 years old, and placed number three in Australia.

In an increasingly competitive field of young universities, the 2019 ranking included 351 universities, up from 250 in 2018.

RANKED AMONG BEST IN THE WORLD FOR UNIVERSITY IMPACT

UniSA ranked number 22 in the world for overall university Impact in the inaugural Times Higher Education University Impact Ranking.

This new ranking captures the impact of universities in society beyond their role of educators, measuring how well they perform against 17 of the United Nations Sustainable Development Goals (SDG).

Highlights include ranking #3 globally for Reduced Inequalities, acknowledging UniSA College, regional campuses and education hubs, UniSA Online and partnerships with groups such as the Australian Indigenous Mentoring Experience (AIME).

UniSA ranked #8 globally and #1 in Australia for Quality Education, reflecting its public outreach through vibrant public programs such as the Bob Hawke Prime Ministerial Centre public lecture program, Samstag Museum of Art, and MOD. (Museum of Discovery).

A strong rating of #13 globally for Good Health and Well-being acknowledged the University's public health clinics and industry-partnered research in a range of health disciplines - research that is making a big impact on policy, practice and treatments.

The rankings included more than 450 universities from 76 different countries.

NUMBER 1 IN SA FOR OVERALL STUDENT EXPERIENCE

UniSA earned an overall five star rating in the 2020 *Good Universities' Guide* and ranked number one in South Australia for a number of categories including students' overall experience at university.

The University also led the state for graduates in full-time employment, social equity, first generation students, skills development and learning resources.





ENTERPRISE25: TRANSFORMING OUR ACADEMIC ENTERPRISE

A key commitment in the University's strategic plan – Enterprise25 – is to introduce a program-focused academic organisational structure. Our new academic enterprise will enable a greater focus on our core activity – delivering our academic programs and conducting end-user informed research of relevance. We will ensure that our resources continue to be focused on the quality of our teaching, research and the student experience, and position UniSA for future ongoing success.

In April 2019 the University called for volunteers to help brainstorm how to shred the existing structures and set about building a new organisational structure focused on our programs.

More than 700 professional and academic staff came together to physically explore and co-create those structures for the University.

Using sticky notes and sheets of butcher's paper, program-focused playing cards and Rubik's Cubes, volunteers had the freedom to brainstorm, to challenge, to use the program cards to rapidly prototype, build and to re-build and to articulate any number of future possible academic unit compositions, engineered not around discipline or tradition, but around our products, our degrees, their complementarity and their alignment to future industry.

It was soon obvious that patterns of program combinations that made sense began to appear. Those program combinations mapped to future careers and were not shackled by disciplinary traditions.

The result was seven academic units constructed around program offerings

geared towards strengthening teaching and research – the academic enterprise.

To create the new academic structure, the University will shift from its current two-layer leadership and administrative structure comprising four Divisions, 14 Schools and UniSA College, to a single-layer structure of seven Academic Units who report directly to the Provost & Chief Academic Officer.

The new academic structure will provide the necessary foundation for the University to deliver on our key strategic initiatives outlined in Enterprise25, including:

- Delivering degrees of the future
- Fostering innovation and flexibility
- Investing in more student-facing staff
- Introducing new service delivery models
- Building our connections with industry
- Attracting great academic talent
- Aiding the transition to a consolidated campus footprint.

A Discussion Paper formed the first stage of the academic transformation process. Released in June, this paper provided initial details about the proposed academic organisational structure, composition and titles of the proposed new Academic Units, and outlined the transition approach. A series of discussion questions were also provided for consideration and feedback.

More than 150 submissions were received from staff, students, external advisory boards, alumni and industry and government representatives which were used to inform the academic structures and other aspects of the transformation reflected in the Change Proposal Paper and the Final Change Plan.

Following this, the Change Proposal Paper was released to staff in September, initiating the commencement of a formal consultation process in the University's transition to a new academic structure. During the three-week consultation period, a total of 180 written submissions were received. In total, six town halls were held across all metropolitan and regional campuses, and 27 consultation meetings were conducted with staff.

The Final Change Plan was released to staff in late October which detailed the new internal academic structure, timelines for transition, employment principles, and processes. The titles of the seven Academic Units were confirmed as:

- UniSA Clinical & Health Sciences
- UniSA Allied Health & Human Performance
- UniSA STEM
- UniSA Creative
- UniSA Education Futures
- UniSA Justice & Society
- UniSA Business.

In November, three Implementation Plan Papers (IPP) were released to staff, detailing how the transition will progress for distinct staff cohorts at an operational level. The recruitment process for the new executive team positions was also initiated and following an internal merit selection process, the appointment of the Executive Deans was announced in December.

The program of work will continue into 2020 managed through two workstreams – the Workforce Transition Workstream and the Enabling Projects Workstream. The University's transition to a program-focused academic organisational structure is due to take place in April 2020.

UniSA MBA LEAPS AHEAD ON CAMPUS AND ONLINE

Two of Australia's leading business magazines ranked UniSA's MBA programs among the best in the country and the world.

AFR BOSS Magazine placed the University of South Australia's MBA program number four in Australia in 2019. And the UniSA online MBA was judged the best in Australia and sixth best in the world according to the 2019 CEO Magazine's Global MBA Rankings.

For the past 10 consecutive years, the Graduate Management Association of Australia (GMAA) has awarded UniSA's MBA 5 stars and AFR BOSS Magazine has placed it in Australia's top 10 MBAs, with UniSA the only MBA in Australia to be recognised over such a sustained period.

STUDY HELP PALS PROGRAM WINS A PREMIER'S AWARD

The Study Help PALS program was awarded the **2019 Premier's Certificate of Recognition for outstanding volunteer service** for the dedication, commitment and support our Study Help PALS student volunteers provide to their peers across UniSA. Study Help PALS provide friendly, informal study support at 'drop-in' sessions on each campus and are trained and supervised by the Learning Adviser team in the Student Engagement Unit (SEU).

UniSA Sport Male Athlete of the Year

Steve McKenna competed in and thrived at the International Professional Long Course Triathlon events in 2019 run by Ironman and Challenge Family. He placed first at Challenge Vietnam and Challenge Korea with second placings in the Ironman 70.3 Sunshine Coast and Challenge Anhui, China. Steve had one of the quickest debuts in history at the full Ironman distance in 8 hours 17 minutes and is currently placed second in the world for the Challenge racing annual points system.



Graduate of UniSA's MBA program Slade Peel is director of Digital & Innovation at Deloitte in Adelaide and the degree has been invaluable in his career acceleration. He was drawn to the UniSA MBA for its flexibility and the opportunity to study part of the program in China

UniSA Sport Female Athlete of the Year

Caitlin Ward was awarded a Cycling Australia/Australian Institute of Sport Scholarship for 2019 and finished in an all-time best 5th place at the Sprint at the World Cup in Hong Kong. She won two gold and two silver medals at the 2019 National Championships and consequently was crowned the 2019 Champion of Champions. Caitlin raced for Australia throughout June at the UCI Category 1 races in America where she won a gold, silver and bronze in the Sprint. Caitlin is aiming for Tokyo 2020 Olympic selection.

The Georgie Rowe Outstanding Achievement Award

This award is to recognise both the achievements and attributes displayed by the late Georgie Rowe who was UniSA Sport's 2015 Female Athlete of the Year, a member of our Australian University Games gold medal winning Women's Volleyball Team and the recipient of a Green and Gold Award in 2015 at the Australian University Games.

The Georgie Rowe Outstanding Achievement award was won by **Olivia Parker** who had a busy and very successful 2019. Her highlights included coaching the Under 18 girls' state lacrosse team to a national title, representing South Australia's women's state team in the Senior Lacrosse National Championships, captaining Woodville Lacrosse Club's State League team to third place and being selected to the Lacrosse SA State League women's competition's All Star Team. Olivia was also captain of UniSA's gold medal winning UniSport Nationals Lacrosse Champions.



Westside Justice, a feature length series of short webisodes, was produced by UniSA Online and the university's Teaching Innovation Unit. The film offers a unique way of learning for UniSA Online students across different courses within the Bachelor of Criminal Justice degree.

FEATURE FILM TEACHES TRUE CRIME ONLINE

UniSA Online launched an in-house feature film designed to give students an insight into what it takes to investigate a crime and assemble the physical evidence required to get a conviction.

The film titled 'Westside Justice' was produced by academics from the online Criminal Justice degree and stars local Australian actors. It can be watched as 22 episodes over the weeks of the course in Policing Investigation and Intelligence.

It was designed to keep online students engaged in their learning as they would be if watching a TV drama.

UniSA AND BALAKLAVA HIGH SCHOOL COLLABORATE ON SOLAR CAR INITIATIVE

A new partnership with Balaklava High School was launched in 2019 to build a solar car for the Bridgestone World Solar Challenge in 2023.

UniSA's **Associate Professor Peter Pudney** joined a team of UniSA academics, led by **Professor Peter Majewski** to provide design and construction guidance for the school staff and students.

Building a solar car combines many disciplines and ideas in one project to give students a hands-on experience and taps into the interest in renewable energy.

NEW COLOMBO PLAN SCHOLARSHIPS AWARDED

In November, four outstanding University of South Australia students were awarded 2020 New Colombo Plan scholarships and will travel to Asian and Indo-Pacific cultures to further their studies and gain invaluable work experience across the region.

The highly competitive scholarships are awarded to Australia's best and brightest students who demonstrate adaptability, resilience, and leadership in the community, as well as understanding the importance of deepening Australia's relationships in the region.

UniSA second-year finance student, **Tom O'Flaherty**, will be extending his studies at the University of Indonesia and has his sights set firmly on an internship in a multinational financial services company based in Jakarta.

Jesse Neill, a Bachelor of Journalism and Professional Writing and Bachelor of Arts (International Relations) student, will undertake part of his honours at the National Taiwan University, analysing the difference in news values between Australia and Taiwan. Jesse has won several journalism awards, including the 2018 National Nine News Student Journalism Award and the 2018 SA Press Club Student Journalist of the Year Award.

Sophie Eldridge, a double degree in Bachelor of Social Work and Bachelor of Arts (International Relations) student, will travel to Fiji to pursue her studies at the University of the South Pacific. She aims to undertake an internship at the Fiji Women's Crisis Centre to explore the empowerment of women in a male dominated culture.

Sarah Short, a Bachelor of Architectural Studies student, will travel to South Korea to study Design Studio and Urban Planning at Korea University. She aims to undertake an internship at a multi-national architectural firm based in Seoul.

Research

100 PER CENT OF UniSA's DETAILED RESEARCH FIELDS RATED WORLD CLASS OR ABOVE

Excellence in Research Australia (ERA) results released in 2019 assessed UniSA across 39 detailed fields of research – the greatest number of fields UniSA has ever submitted – and rated all at or above world standard.

This 100 per cent rating for 2018, tops 97 per cent received in 2015 and across the entire 2018 ERA assessment UniSA had 20 fields of research rated at 'well above world standard', two more than in ERA 2015.

Research across six fields of engineering, in mathematical sciences and in environmental science and management was assessed as "well above world standard" with an ERA rating of 5 – the highest ERA measure.

UniSA also achieved an ERA rating of 5 in health across nursing, pharmacology and pharmaceutical sciences, human movement and sports science, nutrition and dietetics, biochemistry and cell biology, medical physiology as well as psychology.

UniSA RESEARCH INDEPENDENTLY ASSESSED AS HAVING SIGNIFICANT IMPACT

UniSA's research was assessed as having the equal highest impact of Australia's universities and the third highest level of engagement with end-users, according to the results of the Australian Research Council's first engagement and impact assessment.

Across 19 case studies, 79 per cent of UniSA's research was assessed at the highest impact level, ranking equal top in Australia and highlighting the University's commitment to undertaking research that makes a difference in the world.

In addition, 63 per cent of UniSA's assessed research was awarded the highest engagement level, placing #3 in Australia and indicating strong collaboration with industry, business and people and organisations that benefit from the research.

Both measures are well above the national average of 43 percent for impact and 34 percent for engagement.

UniSA also ranked #1 in the country on a combined metric of Impact, Approach to Impact and Engagement, with a rating of about 65 per cent.



Dr Tessa Gargett takes charge of manufacturing the CAR-T cell product

NEW CHAIR IN BRAIN TUMOUR RESEARCH

Through a new NeuroSurgical Research Foundation (NRF) Chair in Brain Tumour Research at UniSA, Adelaide became the launch pad for a new personalised approach for glioblastoma treatments – the most lethal form of brain cancer.

Funded by a \$1 million donation from the NRF, the first three-year tenure for the Chair was **Professor Stuart Pitson** of the Centre for Cancer Biology (CCB), a global leader in brain tumour research.

Prof Pitson leads a team that has made some important discoveries in glioblastoma, including highly promising new drug targets that could suppress the tumour's growth and block its ability to resist treatment.

The NRF also announced funding for five more brain tumour research projects at the CCB, worth \$170,000. These include **Dr Tessa Gargett**, **Associate Professor David Ziegler** and **Professor Michael Brown**'s research into childhood brain cancer; **Dr Briony Gliddon** and **Dr Melissa Pitman**'s Blood Brain Barrier Drug Delivery project; and **Dr Guillermo Gomez** and **Dr Dario Arrua**'s Brain Organoids research.

SUPER-POWERED IMMUNE CELLS – LEADING THE NEXT CANCER BREAKTHROUGH

Ground-breaking immune therapy showed promise to deliver vital evidence in the fight against cancer as researchers from the Centre for Cancer Biology (CCB) opened a new clinical trial using genetically engineered immune cells to treat solid cancers.

The phase 1 clinical trial was created to test the feasibility and safety of CAR-T cells – genetically modified white blood cells harvested from a patient's own blood with the unique ability to directly attack and kill cancers – to treat advanced solid tumours including small cell lung cancer, sarcomas and triple negative breast cancer.

The research scientist in charge of manufacturing the CAR-T cell product and following the patients' responses to treatment was UniSA's **Dr Tessa Gargett**.

Led by the CCB, the trial was funded by Cancer Council's Beat Cancer Project and sponsored by the Central Adelaide Local Health Network (CALHN).

3D MODELS TO REDUCE SIDE EFFECTS OF RADIOTHERAPY

A breakthrough by University of South Australia and Harvard University researchers has shown potential to lead to more effective therapies with fewer side effects for cancer patients.

Organ-on-a-chip technology has been used to develop 3D models to test the effects of different levels and types of radiation and could reduce the need for animal studies and irrelevant invitro work, both of which have major limitations.

Leader of the study was UniSA biomedical engineer **Professor Benjamin Thierry** from UniSA's Future Industries Institute (FII) and the ARC Centre of Excellence in Convergent Bio-Nano Science and Technology (CBNS).

RESEARCH BREAKTHROUGH TO SAFELY MONITOR PRE-TERM BABIES

A study led by UniSA neonatal critical care specialist Kim Gibson and engineer Professor Javaan Chahl, has demonstrated a new non-contact way to monitor pre-term infants in intensive care.

The technology was successfully trialled at Flinders Medical Centre's Neonatal Unit, monitoring 10 premature babies and preliminary results indicate the non-contact system could help monitor the health of pre-term babies, particularly when resources are scarce, and the risk of infection is high.

Infants were filmed using high-resolution cameras at close range and their vital physiological data extracted using advanced signal processing techniques that can detect subtle colour changes and movement not visible to the human eye.

CREATING "BEST DAYS" TO HELP STAVE OFF DEMENTIA

UniSA researchers were awarded more than \$1.2 million from the National Health and Medical Research Council (NHMRC) to uncover the aspects of diet and activity that make up a "best practice day" for people who want to reduce their risk of dementia.

Lead researcher for the project is **Dr Ashleigh Smith**, working with local and international colleagues to examine data from 450 people aged between 60 to 70 years over three years, with a focus on diet and activity,

Researchers suspect how people use their time each day can either increase or decrease their future dementia risk and the study aims to develop an evidence-based tool that can be used to target improvements in diet and activity, designed to underpin better brain health.



UniSA clinical care specialist Kim Gibson pictured with mum Sarah Sheil and her premature baby Toby at Flinders Neonatal Care Unit.



3D printed feet created by UniSA's podiatry team

WORLD FIRST 3D PRINTED FEET: STEPS UP PODIATRY EDUCATION

A world-first podiatric training initiative was introduced at UniSA using 3D printed feet to help teach podiatry students to treat and manage high risk foot conditions.

The UniSA podiatry team created feet with wound-like cavities and added life-like ulcers and effects to mimic diabetic foot wounds, providing a realistic but safe learning tool for students to practice their scalpel skills, before beginning clinical placements. Made from thermoplastic polyurethane, each takes a week to print, and costs less than \$4 to produce.

Diabetic foot disease is a leading cause of disability and about 85% of amputations are preceded by a foot ulcer that could be prevented with appropriate care – the most effective being to medically remove dead or damaged skin to expose the healthy skin underneath and encourage healing. This required podiatry students to develop essential scalpel skills.

BUSHFIRE, TRAUMA AND KIDS: THE ROLE OF THE EARLY CHILDHOOD TEACHER

Research into the growing uncertainty faced by children aged 0-8 years in disaster zones has found early childhood teachers hold a vital role in supporting children dealing with trauma.

Led by **Professor Marjory Ebbeck**, the research indicated that outside of the family, teachers were one of the most trusted and familiar faces providing a welcoming and secure environment for the child to learn and develop.

The research has shown the role that an early childhood teacher plays in securing the emotional development of a child should not be underestimated.

BRIGHT SPARKS AWARDED ARC FUNDING TO DEVELOP ANTISTATIC NANOCOMPOSITES

A \$500,000 project was launched to tackle the problem of electrostatic discharge in hazardous environments, including mines, the oil and gas industry, space and agricultural sector.

One spark can trigger an explosion in an underground mine or chemical plant, but these incidents are now rare due to the introduction of antistatic materials and new research from UniSA is taking this technology another step forward.



The project was led by UniSA plastic processing engineer **Dr Jun Ma**, working with colleagues from Taiwan's Far East University and Western Sydney University, alongside an Australian pump manufacturer. The team aims to develop new processing methods to build plastic pumps which are antistatic, corrosion-resistant, lightweight and yet still mechanically robust.



RENEWABLE ENERGY SOLUTION FOR INDUSTRIAL HEAT APPLICATIONS

A new technique that combines renewable energy and low-cost thermal storage to deliver heat for high-temperature industrial processes has the potential to greatly reduce industry's dependence on natural gas.

The system – developed by a team at UniSA's Barbara Hardy Institute – can deliver industrial heat at temperatures between 150 and 700°C using renewable energy from solar or wind combined with a novel approach to energy storage.

Instead of battery storage, the system uses electricity to generate heat and then stores that heat in a bed of rocks and phase change materials, so it can be available on demand for high temperature applications.

The research team has a working prototype at the Barbara Hardy Institute and a second, slightly refined version of the system is being developed for full commercial operation.

Researchers develop a new technique that may greatly reduce industry's dependence on natural gas, combining renewable energy and low-cost thermal storage to deliver heat for high-temperature industrial processes.

Research collaborations

WORLD FIRST STUDY WITH DRONE CAMERAS NOW SEPARATES LIVING FROM THE DEAD

Engineers from the University of South Australia and Middle Technical University in Baghdad developed a new technique to monitor vital signs remotely, providing a more effective way to detect survivors in disaster zones.

Study leaders UniSA **Professor Javaan Chahl** and **Dr Ali Al-Naji** made a breakthrough with the design of a computer system that is more accurate at detecting signs of life and can distinguish survivors from deceased bodies from 4-8 metres away.

This study, based on cardiopulmonary motion, is the first of its type and the technology could be used to monitor for signs of life where time is critical, helping first responders in their search to find survivors in disaster zones.

UniSA COLLABORATES WITH FRENCH UNIVERSITY IMT ATLANTIQUE

The University of South Australia offered its first *cotutelle* PhD opportunity after signing an agreement with French university IMT Atlantique in 2019.

The special study program enables PhD students to graduate with a qualification from both institutions and requires them to spend a year in each country during their postgraduate research. The PhD collaboration is underpinned by UniSA's growing links with France through a range of student exchange programs with French universities, research collaborations and professional partnerships.



WORLD-FIRST INVICTUS PATHWAYS PROGRAM

After a highly successful two-year partnership with The Road Home, UniSA took over the Invictus Pathways Program (IPP), an individually tailored training and fitness support program for veterans and first responders.

The IPP supports participants to achieve life goals, compete in the Warrior Games, Invictus Games, Regional Games and local competitions, enhancing personal empowerment and reintegration into the community. Since its inception in 2017, the IPP has grown from providing just three initial student placements to 34 with more than 1500 clinical placement hours, supporting 40 veterans across a range of allied health fields.

The IPP participants are trained in UniSA's high performance centre and allied health clinics, with additional access to the expertise of UniSA health professionals and researchers.

NEW ABORIGINAL RESEARCH STRATEGY

For as long as it has been a university UniSA has committed to being the university of choice for Aboriginal peoples. Its founding act mandated Aboriginal engagement and important initiatives such as the Aboriginal Taskforce, Australia's first Aboriginal Tertiary Program, and Aboriginal Studies programs gave strength to its commitment.

Over the past few years it has launched its Reconciliation Action Plan (RAP) that gave it a real opportunity to deepen the respect and relationships between Aboriginal and non-Aboriginal peoples and other groups within the university. It followed the RAP with a Stretch RAP, a commitment to creating an environment where both Aboriginal and non-Aboriginal people can learn, teach, research and engage with each other in a place that acknowledges, respects and learns from Aboriginal Peoples and their unique knowledges.

In 2019 it took that commitment further with its new Aboriginal Research Strategy which has been designed to position UniSA nationally by clearly articulating a two-way knowledges approach which will be embedded across its research activities.

This is research *with*, not research *on* and it commits UniSA to creating a university-wide research environment in which two-way knowledge sharing, reciprocity, mutual respect and understanding and life-long learning are common practice.



MIT Media Lab Entrepreneurship Program Director Professor Alex "Sandy" Pentland and UniSA's Professor Brenton Dansie.

NEW UniSA PARTNERSHIP WITH MIT TO UNDERPIN DATA VISUALISATION AND AR RESEARCH

The University of South Australia undertook an important collaboration with the Massachusetts Institute of Technology (MIT) to work on research into data visualisation and augmented reality and to support student exchange opportunities.

The two institutions signed an MOU outlining a framework for collaboration that will focus on research undertaken within MIT's Digital Media Lab and UniSA's Australian Research Centre for Interactive and Virtual Environments (IVE).

Research commercialisation

UniSA PARTNERS WITH DEFENCE SECTOR TO DELIVER INNOVATIONS IN COMMUNICATIONS

The University of South Australia secured two out of four grants designed to boost South Australia's defence industry capability by applying new research knowledge and innovation and working partnerships with industry, to help solve some of the real challenges facing the defence sector.

The successful projects – Narrative Visualisation of Simulations for Force Design and Optimal Target Detection for Marine Radars Using Waveform Diversity – each receiving \$150,000 – were announced in the latest round of the South Australian Defence Innovation Partnership Cooperative Research Grants.

A relatively new field – narrative visualisation – brings data to life both qualitatively and by presenting a visual story about meaningful trends that can be rapidly understood and acted upon.

The process reveals trends, casual relationships and decisive events and has the potential to be applied in real-time combat situations to ensure better and more informed decision-making.

UniSA WORKS WITH SPACE INDUSTRY INNOVATORS

Five companies graduated from the inaugural round of the Venture Catalyst Space program in 2019 and another group of five start-ups were selected to participate in round two.

Venture Catalyst Space is delivered by UniSA's Innovation & Collaboration Centre (ICC) and part of the State Government's \$4 million Space Innovation Fund with global partners the South Australia Space Industry Centre and the International Space University.

The ICC's tailored six-month incubator program aims to develop and grow the innovative ideas of selected space companies. The first cohort – Ping Services (SA), ResearchSat (SA), Wright Technologies (SA), Safety from Space (SA) and Tekuma (NSW) – are well on their way to establishing space ventures in South Australia.

In the second round, the companies selected were India's Astrogate Labs and Canada's Lux Aerobot, joined by Adelaide's FireFlight, Nano Spaces and Lookingglass.

UniSA STARTUP RELEASES AI APP TO DETECT PARKINSON'S DISEASE

A start-up based at UniSA's Innovation & Collaboration Centre (ICC) released an artificial intelligence (AI) web app to detect early-stage Parkinson's disease.

South Australian company, Lookingglass, developed the app that improves on current telehealth technologies, especially for occupational therapists working with patients in remote areas. It allows users to upload a video recording for assessment, with a computer vision system using AI to track movement and compare it with known Parkinson's symptoms, with a report created almost instantly.



Venture Catalyst Space 2018 cohort with MP David Pisoni, panel, Jasmine Vreudgenburg and Terry Gold.



RECORD SPACE INDUSTRY INVESTMENT FOR NEW SMARTSAT CRC

UniSA has a lead role in a new Cooperative Research Centre for Smart Satellite Technologies and Analytics – The SmartSat CRC.

This new CRC represents the biggest investment in space industry R&D in Australia's history and was created to meet the Australian Space Agency's goal of lifting the nation's space industry to \$12 billion and generating an extra 20,000 jobs by 2030.

UniSA's **Professor Andy Koronios** led the CRC bid in partnership with Nova Systems. With headquarters in Adelaide the SmartSat CRC is a national program involving universities along with the CSIRO and the Federal Department of Industry, Science & Technology. It has a \$190 million investment in cash and in-kind from 84 research and industry partners.

The SmartSAT CRC launches with from left: Professor David Lloyd, Dr Peter Woodgate, Chair of the SmartSat CRC, South Australian Premier the Hon Steven Marshall MP, the Hon. Karen Andrews, Federal Minister of Industry, Science, Energy & Resources and Professor Andy Koronios.

New Partnerships



ACCENTURE AND UniSA JOIN FORCES IN HEALTH AND DEFENCE INNOVATION

Consolidating their Heads of Agreement, leading global technology consultants, Accenture and UniSA established a new base at the University's Innovation Collaboration Centre (ICC) on North Terrace.

The innovation hot spot showcases the technologies available now that will be integral to future business and industry success. It also provides a place for co-creation and collaboration between researchers, government bodies, start-ups and community groups.

The initial focus was on healthcare, defence and industry X.O, including projects to address some of the challenges facing aged care, workforce capability and future skills.

UniSA's KEY ROLE IN TRAINING MINERALS INDUSTRY EXPERTS

In a partnership across universities, industry and government, UniSA has an important role in the new ARC Training Centre for Complex Resources – building a greener and more productive future for Australian mining.

Five key staff from UniSA's Future Industries Institute (FII) are involved with the Centre, working with colleagues from Adelaide and Curtin Universities.

It has been supported with \$3.7 million from the Australian Research Council and \$8.8 million in cash and in-kind from company and university stakeholders across the mining and technology sector.

UniSA AND ADF ADAPTIVE SPORTS PARTNERSHIP

The University of South Australia (UniSA) and the Australian Defence Force (ADF) formalised a Memorandum of Understanding (MoU) for Adaptive Sports.

Under the MoU, final year UniSA physiotherapy, exercise physiology and exercise science students apply skills and knowledge to support current and former serving ADF members who take part in adaptive sports trials, such as selection for the Invictus Games and Warrior Games.

UniSA WINS FUNDING FOR MT GAMBIER FOREST INDUSTRY PROJECTS

Four UniSA projects totalling \$3.4 million were announced to help address forest industry research priorities in South Australia.

The State and Federal Governments and forest industry committed \$1.7 million towards projects at UniSA's Mt Gambier and Mawson Lakes campuses through funding provided by the National Institute for Forest Products Innovation (NIFPI). The remainder of the money was from forest industry contributions.

The projects are to scope an automatic forest fire detection and suppression system; characterise softwood sawn timber in Australia; develop a forest health and biosecurity system based on pest and disease risks; and operate efficiently and sustainably within forest water licence rules.



PEOPLE

Great people are core to our success. Through Enterprise25, our staff core attributes influence every aspect of our employee experience, from attracting great talent through investing in professional development and enabling high performance. We also committed to providing a diverse and culturally and physically safe environment for our entire organization. In 2019 we were awarded Bronze accreditation, the highest level currently available in Australia, by the Science in Australia Gender Equity (SAGE) Pilot of Athena SWAN to build the momentum and drive the change.



Achievements

UniSA AWARDED FOR SUPPORTING WOMEN IN RESEARCH

UniSA achieved a Bronze Award from the Australian Academies of Science, and Technology and Engineering as part of the Science in Australia Gender Equity (SAGE) initiative for promoting inclusion and equity in its drive to support careers in science and technology.

UniSA achieved the Athena SWAN Bronze Award Accreditation and joined what is becoming a global movement to improve gender equity and diversity in STEMM fields in universities worldwide.

OUTSTANDING CONTRIBUTIONS TO STUDENT LEARNING

- **Dr Alpana Sivam (AAD):** designing digital learning experiences using real world 'live' projects;
- **Associate Professor Gabrielle Todd (School of Pharmacy):** for sustained excellence in formative assessment of learning that demystifies;
- **Jennifer Stokes (UniSA College):** for sustained commitment to engaging, student-focused enabling pedagogy.



UniSA Deputy Vice-Chancellor: Research and Innovation Professor Simon Beecham, Dr Marnie Winter, SA Governor Hieu Van Le AC and Dr Jia Tina Du at the Young Tall Poppy of Science Awards

2019 SA TALL POPPIES

Two University of South Australia researchers were named 2019 South Australian Tall Poppies of Science.

Biomedical engineer **Dr Marnie Winter** from UniSA's Future Industries Institute was recognised for her work using microfluidic technology to isolate fetal cells from maternal white blood cells to help diagnose genetic abnormalities early on in pregnancy and common complications such as pre-eclampsia and stillbirth.

IT behaviourist **Dr Jia Tina Du** was acknowledged for using her IT expertise to help vulnerable groups in society navigate the digital world and new technology. The Senior Lecturer works with Aboriginal communities, older people and migrants to help them access essential services online.

INNOVATIVE WOMEN EDUCATORS AWARDED MENZIES FELLOWSHIPS

Two of UniSA's top women in Aboriginal education were awarded the Menzies Australia Institute-UniSA 2019 Aboriginal and Contemporary Australian Studies Fellowships.

Recipients **Dr Belinda MacGill** and **Dr Karen Sinclair** received the opportunity to travel to King's College in London to be involved with research, teaching and public engagement.

Dr MacGill's teaching and public discussion has a focus on how understandings of Australian visual art have been shaped by colonisation.

Dr Sinclair has a passion for working alongside students to collaboratively broaden understandings about Aboriginal research methodologies and constructions of knowledge.



Dr Kate Delaporte from the Playford Trust (left) and UniSA Pro Vice Chancellor: Student Engagement & Equity (right) Professor Carol Grech with UniSA Playford Trust Honours Scholarships recipients Jacob Dalglish, Cintya Dhamayanti, Andrew Du and Anthony Randell. Photo courtesy Jo-Anna Robinson.

PLAYFORD MEMORIAL TRUST SCHOLARSHIPS

Eight UniSA Honours students were recognised with Playford Memorial Trust Scholarships, supporting future leaders in science, technology, engineering and mathematics (STEM) subject areas designed to boost South Australia's skills and research base.

Playford Trust Honours Scholarships:

Jacob Dalglish – Bachelor of Science (Honours) – collaborating with researchers at the Future Industries Institute to advance research in the structure and properties of electrochromic polymers.

Cintya Dhamayanti – Bachelor of Biomedical Research (Honours)/Bachelor of Pharmaceutical Science – planning to develop a bisphosphonate implant for treatment of osteoporosis.

Andrew Du – Bachelor of Engineering (Honours) (Electrical and Electronic) – examining how malicious inputs can be used to attack, or fool, machine learning algorithms.

Anthony Randell – Bachelor of Sustainable Environments (Honours) – using DNA analysis and electron microscopy to assess the relationship between root associated microbes and their influence on seagrass seedling growth.

Codan/Playford Trust Scholarship:

Joshua Fuller – Bachelor of Engineering (Honours) (Electrical and Mechatronic) – partnering with the Defence Science and Technology Group to reverse engineer drones to look for vulnerabilities and opportunities for exploitation in the future.

Nyrstar/Playford Trust Scholarships:

Princess Mae Ladra – Bachelor of Engineering (Honours) (Mechanical) – aiming to idealise the metal melting system through understanding process-property relationships and conducting practical investigations.

Thomas Jackson – Bachelor of Engineering (Honours) (Mechanical) – working to make a difference in the mining or smelting industry using innovative and sustainable solutions.

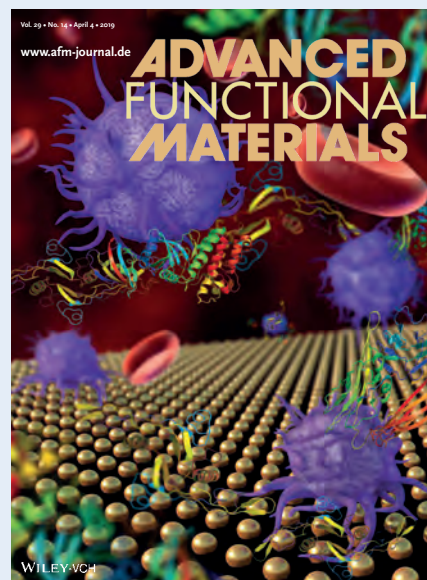
SA Power Networks/Playford Trust Scholarship:

Liam Mallamo – Bachelor of Engineering (Honours) (Electrical and Electronic) – working with SA Power Networks in their Future Networks team.

UniSA STUDENT RECEIVES DAVID BOWLER MEMORIAL SCHOLARSHIP

The 2019 David Bowler Memorial Scholarship was awarded to **Indiana Shamroze-Tumes**, an external student in the third year of a UniSA Bachelor of Nursing degree and assistant nurse at the Broken Hill Hospital.

The Award, sponsored by the Far West Local Health District and Broken Hill City Council, commemorates the highly-respected late paediatrician, Dr David Bowler, through an annual \$5000 grant to a student pursuing a course in a health-related discipline.



Top left: National Commendation – the Fish River Station accommodation.

Top right: Work by UniSA PhD candidate Rahul M Visalakshan and colleagues on the cover of *Advanced Functional Materials*.

Middle left: Uncle Lewis O'Brien, with his South Australian Lifelong History Achievement Award. Photo courtesy History Trust of South Australia.

Middle centre: Dr Martin Hircze with Michelle Haurilak – Mary Kay Canada director of PR, Digital & Product Marketing.

Middle right: Associate Professor Mizanur Rahman will research soil stability at the Imperial College London.

Bottom left: Associate Professor Anna Sullivan is influencing modern education policy and practice.

Bottom right: Professor Mark Billinghurst



UNCLE LEWIS YERLOBURKA O'BRIEN RECOGNISED BY THE HISTORY TRUST OF SA FOR SHARING ABORIGINAL KNOWLEDGES

Aboriginal Elder, researcher and educator, **Uncle Lewis Yerloburka O'Brien** was recognised by the History Trust of SA for his contributions to South Australia's history.

Dr O'Brien, an Adjunct Research Fellow from UniSA's School of Education, was a joint winner of the South Australian Lifelong History Achievement Award 2019. The award honours outstanding and sustained achievements in history teaching, research and scholarship as well as raising community awareness of history and heritage.

FISH RIVER RANGER ACCOMMODATION PROJECT WINS TWO TROPHIES AT ARCHITECTURE AWARDS

A ranger accommodation project built through UniSA's Design Construct program was recognised through two architecture awards in 2019. The Fish River Ranger Accommodation project, coordinated by **Joti Weijers-Coghlan** and **David Morris** working with Art, Architecture and Design staff and students, received the Yali-McNamara Award for Small Project Architecture and the Indigenous Community Architecture Award at the Australian Institute of Architects 2019 NT Architecture Awards.

MULTIPLE AWARDS FOR UniSA PHD DISSERTATION

UniSA graduate and researcher **Dr Martin Hirche** received a coveted Mary Kay doctoral dissertation award at the 2019 Academy of Marketing Science annual conference in Vancouver. A doctoral candidate at UniSA's Ehrenberg-Bass Institute for Marketing Science, Dr Hirche also won the UniSA 2019 Graham Arnold Prize for best dissertation for his research exploring relationships between product distribution and brand growth.

INTERNATIONAL RECOGNITION FOR PHD RESEARCH

Research by PhD candidate **Rahul Madathiparambil Visalakshan**, from UniSA's Future Industries Institute and School of Engineering has received international recognition, featuring on the cover of one of the biomedical research industry's most prestigious journals, *Advanced Functional Materials*. The recognition relates to work with **Professor Krasimir Vasilev** and colleagues on the role of surface nanotopography in modulating immune responses.

GEOTECHNICAL ENGINEERING EXPERT RECEIVES ENDEAVOUR LEADERSHIP AWARD

Associate Professor Mizanur Rahman, from UniSA's Natural and Built Environments Research Centre, was awarded a prestigious Endeavour Leadership Program Award, including funding to support an international collaboration on research into soil stability in construction contexts.

ASSOCIATE PROFESSOR OF EDUCATION RECOGNISED FOR INFORMING POLICY

Associate Professor Anna Sullivan's important work in education was recognised by the Australian Council of Educational Leaders (ACEL) SA Branch through its 2019 Distinguished Contribution to Research in Educational Leadership Award.

NATIONAL RECOGNITION FOR LEADING SLEEP RESEARCHER

Co-director of UniSA's Behaviour-Brain-Body Research Centre, **Professor Siobhan Banks** was presented with the Award for Excellence in Promoting Industry Engagement in Graduate Research – one of just three award recipients nationally. The awards presented by the Australian Council of Graduate Research (ACGR) recognise individuals who exhibit outstanding performance in research degree supervision, leadership and industry engagement.

EXCELLENCE IN RESEARCH

UniSA Senior Lecturer **Dr Helen Stallman** received the 2019 Women's Excellence in Research Award from the South Australian health network, Healthy Development Adelaide (HDA). The award is presented to HDA mid-career members for excellence of research achievement in the field of developmental health. In addition to her role at UniSA, Dr Stallman is a Clinical Psychologist, Hospital Research Foundation Fellow at the Basil Hetzel Institute and director of the International Association for University Health and Wellbeing.

GLOBAL RECOGNITION FOR LIFETIME CONTRIBUTION TO HUMAN-COMPUTER INTERACTION

UniSA Professor of Human Computer Interaction **Professor Mark Billinghurst** received a global award in recognition of his lifetime contribution to human-computer interaction for augmented and virtual reality. Prof Billinghurst was presented with the Virtual Reality Career Award in Osaka, Japan, which is the highest award given by the Graphics Technical Committee, a constituency of the Institute of Electrical and Electronics Engineers (IEEE) Society.

UniSA GRADUATES SWEEP ART AWARDS

UniSA contemporary arts graduates received 10 out of a possible 15 awards presented as part of the Helpmann Academy 2019 Graduate Exhibition. The 2019 exhibition featured 27 of South Australia's top graduating students, with more than 60 per cent of them graduating from UniSA's School of Art, Architecture and Design.

The 2019 award recipients included:

Jonathan Kim received the Helpmann Academy's British School at Rome Residency (valued at \$25,000) along with the Linden New Art Award (valued at \$6,620), a new award in 2019. It provides in-kind support, including a 3-week exhibition at Linden New Art in Melbourne.

Jacinta Mwangi, a sculpture/installation artist and Masters candidate, received The Hill Smith Gallery / University of South Australia Postgraduate Award (\$10,000 cash), which recognises the achievements of a Masters or PhD candidate.

Sam Gold received The Undergraduate Award for Excellence supported by Roger and Helen Salkeld (\$7,500 cash), the top undergraduate award recognising the winner as an artist with a promising future.

Sam Gold also received The JamFactory Award (\$2,500). Presented to an artist working in ceramics, glass or jewellery, the award includes a mentorship with JamFactory's Creative Directors of Product and Retail, and an opportunity to have work on consignment in JamFactory's retail store for 12 months.

Tara Rowhani-Farid received The City of Adelaide Award (\$7,500 cash). This award enables the work of an emerging artist to be showcased through the City of Adelaide's Contemporary Acquisitions Collection.

Kate Little received the Lang / McKee Award (\$5,000 cash). New in 2019 this award recognises artistic excellence and talent.

Eleanor Amor received The City Rural Insurance / Helpmann Travel Award (\$5,000 cash). This award provides the recipient the opportunity to travel, informing their practice with new ideas and experiences.



3MT winner PhD candidate Ellen Davies with judge Professor Caroline McMillen

Barbara Hesselschwert received The Rafflen Award (\$5,000 cash), through which her work becomes part of a significant private collection.

Joseph Häxan received the South Australian Living Artist (SALA) Award (\$1,000). This award provides premium registration for the 2018 SALA Festival and is presented to an artist who will benefit from exhibiting their work at SALA.

PRESTIGIOUS INTERNATIONAL CUSTOMER SERVICE AWARD FOR UniSA BUSINESS SCHOOL

UniSA's Business School was awarded an International Service Excellence Award by the Chicago-based Customer Service Institute of America (CSIA). The School was named winner of the "Customer Service Organization of the Year – Not-for-Profit" category from a pool of international finalists.

CHURCHILL FELLOWSHIP SUPPORTS UniSA GRADUATE'S CULTURAL JOURNEY TO THE STARS

UniSA's Aboriginal Pathways Program graduate **Susan Betts** was awarded a Churchill Fellowship, enabling her to travel to Canada, the United States and Peru to pursue the global significance of the Seven Sisters constellation in Indigenous cultures.

UniSA 3MT® WINNER EXPLORES A PERSONAL APPROACH TO MENTAL HEALTH RECOVERY

PhD candidate **Ellen Davies**, from the School of Nursing and Midwifery took out the 2019 UniSA Three Minute Thesis (3MT) Grand Final, with her innovative assessment tool to enhance mental illness recovery. The new Needs in Recovery Assessment (NiRA) allows mental health clinicians to ask about a broad range of needs to ensure their patients receive personalised, relevant assistance to give them their best chance of successful recovery.

The Three Minute Thesis (3MT®) is a national competition celebrating the research undertaken by PhD candidates and eight finalists pitched their research in three minutes to a packed audience at UniSA's City West campus for the grand final.

Second place went to **Jessica Porter** whose research is investigating policy measures to boost the supply of affordable housing. Third place went to **Darren Taljaard** who is using design principles to improve digital reading materials for adults with dyslexia.

The People's Choice award went to **Bradley Herbert** who is investigating user-friendly, personalised ways for augmented reality to help people troubleshoot everyday technological problems.



Vietnamese UniSA law student Thien Khoi Tran was named South Australia's joint International Student of the Year for 2019

EIGHT FEMALE INNOVATORS RECOGNISED FOR THEIR RESEARCH

UniSA women were represented in eight of 11 categories and won three categories at the South Australian Women in Innovation Awards.

Industrial designer **Kelly Carpenter** – CEO and co-founder of Lookingglass, a South Australian startup based at UniSA's Innovation and Collaboration Centre – took out the technology award for her smart mirror, which can detect early-stage Parkinson's and dementia.

In the maths category, **Dr Dorothea Dumuid** was awarded for her work on a project that uses data and statistics to optimise daily time use for better health and wellbeing in areas such as school curriculums and mainstream media.

Dr Hazel Vandeleur won the rural award for her work in Port Pirie on re-imagining contaminated sediments near smelters as a resource in order to recover and repurpose desirable metals.

Five other UniSA researchers were also finalists on the night:

Dr Ming Liu is part of a team helping to develop a new thermal storage solution for dispatching renewable electricity and empowering South Australia's green energy future;

Dr Caroline Tiddy is using data-driven tools to more accurately locate mineral deposits to address global supply and demand issues;

Dr Zoe Doubleday is working with a Port Lincoln business, SA Premium Octopus, to assess the viability of establishing South Australia's first octopus fishery;

Dr Daisy Yang for her rock-on-a-chip research, optimising the process of mineral leaching for mining, using fluid to selectively dissolve and recover precious metals from crushed rock; and

Dr Miko Yamada for empowering women to self-diagnose skin cancer without scars or pain using a micro-biopsy device and cancer signatures.

UniSA ALUMNUS WINS FULBRIGHT SCHOLARSHIP

Adelaide-based medical researcher and UniSA graduate, **Sebastian Rositano** was awarded a prestigious Fulbright scholarship. He aims to build on his previous visiting and intern roles at the South Australian Health and Medical Research Institute (SAHMRI), where he looked into issues relating to adult and paediatric bullying and sexual assault.

UniSA LAW STUDENT WINS SA'S TOP HONOUR

Vietnamese UniSA law student **Thien Khoi Tran** was named South Australia's joint International Student of the Year for 2019 in the StudyAdelaide awards. With a passion for law and volunteering, Thien Khoi, hopes to use his law degree to help rehabilitate prisoners.

Five other UniSA students were honoured in the following categories:

Grace Mak (Master of Occupational Therapy) won the Sporting Excellence category;

TEDxUniSA won Student Event of the Year;

Highly commended for Academic Excellence were – **Sulakshana Kumari Jayasekara** (Bachelor of Laws (Hons) and Bachelor of Business – Economics, Finance and Trade); **Carolyn Reichherzer** (PhD in Computer Science); and **Milan Paudel** (Master of Engineering – Water Resources Management).

Highly commended for Community Engagement was **Phuong Mail Dinh** (Bachelor of Business – Tourism and Event Management).



Appointments



Tom Steer receives his award from South Australian Premier the Hon Steven Marshall MP.

PROFESSIONAL STAFF AWARD FOR EXCELLENCE

The 2018 Vice Chancellor's Awards for Professional Staff Excellence were:

Team Recipients

MOD. Development and Launch Team recognised for Industry and Community Engagement for the launch of MOD.

SAS Admissions and CMK Digital Marketing Team awarded for Industry and Community Engagement for the work undertaken collaboratively to fulfil the higher education admission transparency requirements.

Individual Recipient

Milan Mili, UniSA Business School Concierge for Service Excellence Culture.

UniSA ONLINE'S TOM STEER NAMED ONE OF SA'S TOP BUSINESS LEADERS UNDER 40

UniSA Online Executive Director, **Tom Steer** was named as one of South Australia's leading business entrepreneurs aged under 40 in the InDaily 40 Under 40 awards.

Steer joined the University in 2017 to lead the start-up and ongoing operation of UniSA Online, and this award reflects how far UniSA Online has grown in a short period of time.

The Awards celebrate the passion, vision and achievements of South Australia's finest young business people under the age of 40 and the contribution they are making to the future of South Australia.

Steer is also a graduate of UniSA where he completed both a Bachelor and Master of Business Information Systems.

UniSA MARKETING RECEIVES NATIONAL AND STATE AWARDS

UniSA's "Study on Demand" online student recruitment campaign was named Best Marketing Campaign – Larger Budget, at the 2019 Universities Australia Marketing, Communications and Development (UAMCD) awards.

UniSA Online also made the South Australian Finalists cut for its campaign "Conquering uncharted territory".

LIFETIME ACHIEVEMENT AWARD

Universities Australia presented UniSA Chief Marketing and Communications Officer **Alan Brideson** with the 2019 Lifetime Achievement award, recognising his 23-year leadership contribution to the university.

The judges said Brideson had delivered global brand exposure through Team UniSA-Australia in the Santos Tour Down Under, two Unijams, countless high-impact television and cinema advertising campaigns, an Adelaide Crows sponsorship and the marketing strategy for a national launch of UniSA Online.

CAMPUS FAIR NAMED BEST ORIENTATION EVENT IN AUSTRALIA

A UniSA event created to introduce students to campus life and the range of university services available was named the best orientation event in a national competition.

Campus Fair 2018 was recognised at the 2019 CampusLink Awards, which are run by the Tertiary Access Group (TAG). The awards recognise excellence in marketing, services, student programs and innovation in the tertiary sector.

UniSA Vice Chancellor Professor David Lloyd made Fellow of ATSE

Professor David Lloyd was elected as a Fellow of the Australian Academy of Technology and Engineering (ATSE). A Fellowship organisation, ATSE comprises women and men elected in a highly competitive, peer-review process based on their expertise, leadership and experience in applying science, technology and engineering to solve the big issues facing Australia nation in a fast-changing world.

Professor David Lloyd leads Committee for Adelaide

UniSA Vice Chancellor David Lloyd was appointed to lead the Committee for Adelaide, a future-focussed group that is dedicated to meeting 21st century challenges and opportunities.

The Committee for Adelaide is part of the Committees for Cities and Regions, an influential network of independent, like-minded organisations each operating within their city or regional area to enhance their economic, social, cultural and environmental development.

Professor Joanne Cys made Honorary Fellow of Australian Institute of Architects

Pro Vice Chancellor, Education, Arts and Social Sciences Professor Joanne Cys, was named the Australian Institute of Architects' newest Honorary Fellow.

The award was made in recognition of her "significant and substantial contribution to architecture and interior design in an eminent career that includes being an influential advocate for the role of professional bodies in advancing the standards of architecture, design and design education through collaboration, committee work, speaking and publications".

UniSA Appointments

Gabrielle Rolan was appointed as Pro Vice Chancellor International as part of an expansion of her responsibilities with UniSA International. Rolan was appointed to take a leading role in developing a new comprehensive international plan for the University encompassing teaching, learning and engagement.

Professor Simon Beecham was appointed Deputy Vice Chancellor: Research and Innovation. He was previously Pro Vice-Chancellor of the Division of Information Technology, Engineering and the Environment from 2015 to 2018.

Professor Julie Mills took up the role of Pro Vice Chancellor for IT, Engineering and the Environment. Formerly UniSA's Head of School for Natural and Built Environments, Prof Mills has many years' experience working in industry along with teaching and ongoing research in the areas of structural engineering, engineering education and professional practice.

Professor Roger Eston joined the Senior Management Group in the role of Pro Vice Chancellor for the Division of Health Sciences. Prof Eston was previously the Head of School for Health Sciences.

Professor Carol Grech was appointed to the role of Pro Vice Chancellor: Student Engagement & Equity. Prior to this, Prof Grech was head of the School of Nursing and Midwifery where she displayed a strong commitment to student engagement and equity issues. Prof Grech's professional and academic career spans more than 40 years as a critical care nurse, educator, academic and researcher.

UniSA Head of School: Pharmacy and Medical Sciences, **Professor Alan Boddy** was appointed to the role of director of UniSA's Cancer Research Institute. Prof Boddy was appointed for a 12-month period, in conjunction with his role as Head of School: Pharmacy and Medical Sciences.

JAY WEATHERILL AND CHRISTOPHER PYNE JOIN UniSA

Former federal Minister for Defence Industry **Christopher Pyne** and former Premier of South Australia **Jay Weatherill** joined the staff of the UniSA Business School to deliver business and management education to students of the MBA and to build stronger research networks for South Australia. The pair joined UniSA as Industry Professors and were also engaged to provide strategic government relations advice to the Vice Chancellor, Professor David Lloyd.

UniSA AWARDED \$3.9 MILLION FOR HEALTH RESEARCH

UniSA physiotherapist **Professor Lorimer Moseley** was awarded \$2.4 million to lead a five-year international project to help relieve one of the world's leading causes of disability – chronic musculoskeletal pain. The Investigator Grant was awarded by the National Health and Medical Research Council (NHMRC), alongside two Development Grants:

UniSA biomedical engineer **Professor Benjamin Thierry** was awarded \$780,215 to develop cutting edge, non-invasive technology to detect fetal genetic abnormalities in early pregnancy.

UniSA vascular biologist **Associate Professor Claudine Bonder** won a \$671,960 grant to further her research into bio invisible stents, a new device coating to repair cardiovascular disease, the leading cause of death worldwide.

TOP SA ENTREPRENEUR APPOINTED

One of Australia's most successful business innovators, **Richard Turner** joined the University of South Australia as Entrepreneur-in-Residence and Industry Professor of Practice.

In this role, Prof Turner has a wide remit to work with UniSA's high-profile business initiatives, including the Innovation & Collaboration Centre (ICC), the UniSA MBA and the Australian Centre for Business Growth.

ICC ENTREPRENEUR IN RESIDENCE

The Innovation & Collaboration Centre (ICC) appointed **Terry Gold** as its second Entrepreneur in Residence to support local startups.

An entrepreneur and mentor, Gold was the Managing Director of Techstars Adelaide, the first Techstars Accelerator in Australia and South East Asia. He joined **Kirk Drage** as the ICC's second Entrepreneur in Residence.

NEW CHIEF EXECUTIVE APPOINTED TO UniSA VENTURES

An international leader in new technology development and commercialisation, **Dr Viraj Perera**, was appointed as the new CEO of UniSA Ventures. Dr Perera has extensive expertise in innovation, SME development, technology transfer, commercialisation and intellectual property rights in several countries.

UniSA DEPUTY VICE CHANCELLOR NAMED AUSTRALIA'S CHIEF DEFENCE SCIENTIST

UniSA Deputy Vice Chancellor Research and Innovation, **Professor Tanya Monro** was appointed as Australia's Chief Defence Scientist. Following the appointment, Prof Monro transitioned to become an Emeritus Professor of the University, maintaining her research activities with colleagues at Mawson Lakes. Her work on developing UniSA's research strategy Scale and Focus established a framework to ensure the University would continue to attract and retain the best global research talent.

Outstanding staff achievements

NEW SCIENCE, MEDIA AND SECTOR EXPERTISE ON UniSA COUNCIL

UniSA welcomed two new members to Council, bringing a wealth of experience in science, research, higher education, public and government relations and media – Professor Caroline McMillen and Ian Smith.

Prof McMillen is South Australia's Chief Scientist, former Vice Chancellor at the University of Newcastle and former Deputy Vice Chancellor Research and Innovation at UniSA.

Prof McMillen has worked in higher education for almost 30 years. She has taught and conducted research in Australia at Monash and Adelaide universities and was granted funding continuously from the Australian Research Council (ARC) and the National Health and Medical Research Council (NHMRC) for 20 years for her research looking at the relationship between babies' nutrition in the womb and the development of heart disease and obesity in adulthood.

Ian Smith, Australian businessman, corporate advisor and former journalist, is highly regarded as one of Australia's most effective political influencers.

Smith is now deeply involved in refugee advocacy, chairing the Barefoot to Boots charity and travels regularly to camps in Africa and the Middle East. He writes occasional opinion pieces on refugee policy for *The Australian*, *The Australian Financial Review*, *The Advertiser* and appears on Sky News.

He is the UK's Honorary Consul to South Australia and is a director of Developing East Arnhem Limited, which is overseeing the redevelopment of the NT region in the wake of Rio Tinto's closure of its Gove refinery.

He became a Member of the Order of Australia (AM) in the Queen's Birthday Honours in June 2018.

2019 AUSTRALIAN AWARDS FOR UNIVERSITY TEACHING

Citations for Outstanding Contributions to Student Learning

Associate Prof Amie Albrecht, School of Information Technology and Mathematical Sciences – for innovative course design and teaching that fosters a climate of exploration in which students develop and embrace a richer understanding of mathematics.

Mrs Hannah Harvey, School of Education – for increasing preservice teacher expertise and employability through the development of a situated learning environment and experiential learning activities across courses in an Education program.

UniSA College Program Director Team (Dr Sarah Hattam, Ms Tanya Weiler and Mr Tristan King), UniSA College – for sustained leadership of academic professional development in inclusive pedagogy to enhance teaching at UniSA.

UniSA College Academic Integrity Officer Team (Mrs Tamra Ulpen, Dr Snjezana Bilic and Dr Anthea Fudge), UniSA College – for the development of supportive resources to enhance student learning of academic integrity (AI) which has influenced a significant reduction of AI cases at UniSA College.

UniSA Lt eLearning Team (Dr Sarah List, Dr Bronwen Mayo, Prof Sandra Orgeig, Dr Emma Parkinson-Lawrence, A/Prof Gabrielle Todd and Dr Andrea Stringer), School of Pharmacy and Medical Science – for the design and implementation of innovative resources to deliver a digitally-enhanced health science curriculum to improve student engagement, outcomes and learning experiences.

2019 UniSA TEACHING AWARDS

UniSA Citations for Outstanding Contributions to Digital Learning

Dr Lisa O'Keeffe, School of Education – for digital innovation that engages future mathematics teachers in a cycle of reflective practice which enhances their development as effective teachers

UniSA Citations for Outstanding Contributions to Student Learning

Dr Jo Zucco, Program Director, School of Information Technology and Mathematical Sciences – for fostering a positive learning environment that engages and motivates programming students as active learners

Dr Cate Hudson, Unit Head: Social Work and Rural Practice, School of Psychology, Social Work and Social Policy – for sustained innovation and leadership in the use of technology to provide inclusive and accessible learning environments for dispersed student cohorts in social work

Mrs Tamra Ulpen, Lecturer, UniSA College – for leadership in enhancing support provisions to meet the academic language and literacy learning needs of non-English Speaking Background (NESB) students at UniSA College.



Honorary Doctorate recipients, top row from left: Natasha Stott Despoja AO, Adam Goodes, Jim McDowell;

Second row: Michael Hickinbotham also with Professor Allan Evans, Dr Rosemary Bryant AO;

Bottom row: Dr Brendan Nelson AO and Professor Fiona Stanley AC.

2019 HONORARY DOCTORATES

In 2019, UniSA bestowed honorary awards on a range of people who have made notable contributions to the university or to their own communities.

The award of Honorary Doctor of the University was presented to:

Anna Meares OAM, one of Australia's favourite sporting heroes and one of the most talented athletes in the world. She is a four-time Olympic Champion with six Olympic medals, an eleven time world champion across four difference cycling disciplines and a five time Commonwealth Games champion.

Gillian (Gill) Hicks AM, MBE, FRSA, is considered one of the most thought provoking, powerful and life affirming speakers in Australia and the United Kingdom. She is known globally as an advocate for sustainable peace and a valuable resource in countering violent extremism, drawing on her 'lived experience', when she was permanently injured in the London terrorist bombings in July 2005.

Dr Kumi Naidoo is a lifelong justice campaigner and Secretary General of Amnesty International. Kumi's community activism began in apartheid South Africa and he has held multiple global leadership roles.

Dr Rosemary Bryant AO was the first Commonwealth Chief Nurse and Midwifery Officer during the period July 2008 and June 2015. Dr Bryant has had a broad career in acute hospital and community nursing management, as well as in government relations, advocacy and policy development and implementation.

Professor Fiona Stanley AC is a leading Australian epidemiologist well known and respected for her research into child and maternal health. As Founding Director of the Telethon Institute for Child Health (Telethon Institute) she has worked to raise funds for and awareness of childhood disease and disorders.

Natasha Stott Despoja AO is the founding Chair of Our Watch, the national foundation to prevent violence against women and their children. She is the author of *On Violence*, a former Senator for South Australia (1995–2008) and former Leader of the Australian Democrats, and is both the youngest woman ever to enter the Australian Federal Parliament and the longest-serving Democrat Senator in the party's history.



From left: Vice Chancellor Professor David Lloyd with Alumni Award winners Dr Pauline Wong, Darren Siwes, Tirana Hassan and Mike Burgess along with Chancellor Pauline Carr.

Michael Hickinbotham is the Chief Executive Officer of the Hickinbotham Group, the largest and longest established building and development group in South Australia. With a strong interest in innovation, education and community building, he pioneered the establishment of Woodend School, the first privately owned public school in Australia and one of the first in the world.

Dr Brendan Nelson AO is a medical doctor by profession, who came to public prominence as the Federal President of the Australian Medical Association (1993–1995), and served as a Minister in the third and fourth terms of the Howard Government, serving as Minister for Education, Science and Training (2001–2006) and Minister for Defence (2006–2007) and federal Leader of the Opposition from 2007 to 2008.

Jim McDowell is the Chief Executive of the Department of Premier and Cabinet in South Australia. A former Chief Executive of BAE Systems in Australia and Saudi Arabia, Mr McDowell is well placed to guide the South Australian public sector as it seeks to take full advantage of the Commonwealth's naval shipbuilding program and other defence contracts based in South Australia. He is a passionate supporter of continuing education and served as Chancellor of the University of South Australia from 2016–2018.

Adam Goodes is a former professional Australian Rules footballer who played for more than 16 years and holds an elite place in AFL/VFL history. An Andamathanha and Norungga man born in Wallaroo South Australia, his commitment to invigorate support pathways for communities led to

the creation of The Goodes-O'Loughlin Foundation (GO Foundation) with fellow Indigenous teammate Michael O'Loughlin to create opportunities for Indigenous youth through education.

ALUMNI AWARDS FOR 2019

The prestigious Alumni Awards showcase the most distinguished members of UniSA's global alumni community, innovators and pioneers who are making a real difference in the world.

In its fifth year, the 2019 Alumni Award recipients were:

Social Work graduate, **Tirana Hassan** leads a team deployed to protect human rights in conflict and crises zones as the Director of Crisis Response at Amnesty International.

Electronic Engineering graduate, **Mike Burgess** is Director-General of Security at the Australian Security Intelligence Organisation (ASIO) at the forefront of Australia's security and intelligence mission protecting Australian shores from serious threats.

Dr Pauline Wong has built a thriving café empire on the foundation of her signature family-style culture, quality cuisine and outstanding service since completing her MBA at UniSA.

Darren Siwes followed his Visual Arts degree and subsequent Graduate Diploma in Education with a string of highly acclaimed and celebrated exhibitions of his work, including representation by Greenaway Art Gallery.



PRECINCTS AND COMMUNITY

Our places underpin our community. Precincts are the embodiment of our capital development plan and will see the logical geographic organization of our program areas in complementary proximity to one another and to embedded end-users and industry.



Precincts



Industry Testlab at Mawson Lakes



INDUSTRY TESTLAB AT MAWSON LAKES WORKING WITH DEFENCE AND SPACE INDUSTRY

An Industry 4.0 Testlab was established at the Mawson Lakes campus, designed as one of the most advanced industry collaboration facilities in Australia.

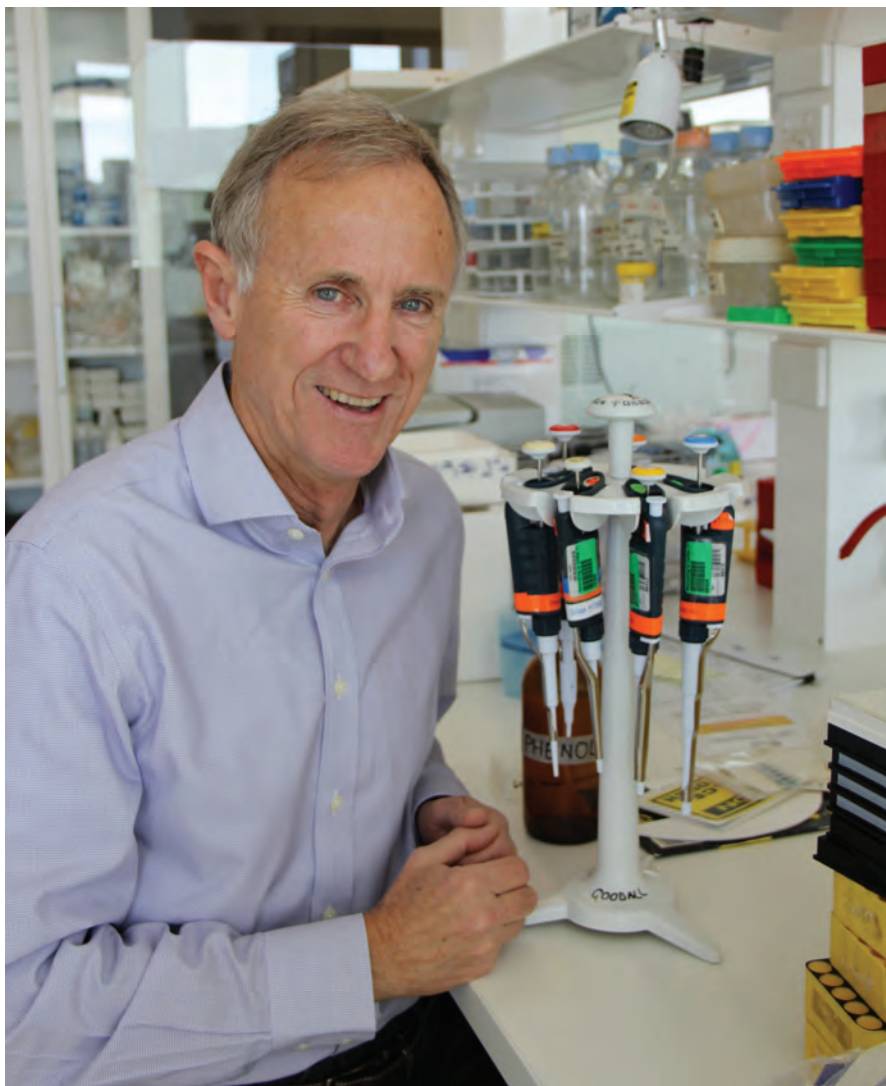
The \$2 million project was funded through \$1 million from UniSA, matched by the Federal Government, and is part of a national network of six institutions.

Industry 4.0 – also known as the “fourth industrial revolution” – involves the advanced automation of manufacturing.

A key area being rapidly transformed by Industry 4.0 is the supply chain of the defence and space industries, and the Testlab was designed to support the growing number of local small and medium enterprises involved in these two sectors.

The facility includes rapid prototyping facilities and a digital platform for precision design and visualisation with the capacity to create a ‘digital twin’ of a product – a near-real-time digital image of a physical object or process that helps optimise performance.

Mawson Lakes campus, with its connections to the adjacent Technology Park and more than 80 defence, aerospace, electronics, engineering and ICT companies, is being transformed into a world-leading Industry Connections Hub with a strong emphasis on Industry 4.0 technologies.



Research Project Leader and Head of the Gene Regulation Section at the CCB, Professor Greg Goodall (pictured), said the new ACRF Cancer Discovery Accelerator would help fuel breakthrough research at the CCB, including the discovery of genes, proteins and regulatory RNAs that promote or suppress cancer.

STATE-OF-THE-ART FACILITY A BOOST FOR CANCER DISCOVERY AND TREATMENT

The Centre for Cancer Biology (CCB) received a significant boost to its cancer research potential with a state-of-the-art imaging facility opened in August in the Adelaide BioMed City Precinct.

The ACRF Cancer Discovery Accelerator at the CCB was established with a \$2 million grant from the Australian Cancer Research Foundation (ACRF).

New equipment made possible by the grant included a 'Super Resolution' microscope, which allows structures within cancer cells to be visualised at a resolution 10 times that of conventional optical microscopes. This was designed to enable researchers in South Australia to investigate abnormalities associated with cancer cells in greater detail.

AUSTRALIA'S FIRST CLINIC TO IDENTIFY FAMILIES AT RISK OF BLOOD CANCER

An Australian first multi-disciplinary blood cancer clinic to screen families at risk of leukaemia and lymphoma was established through a \$1.3 million Federal Government grant awarded to UniSA and SA Pathology researcher **Dr Chris Hahn** and his team.

Dr Hahn from the Centre for Cancer Biology leads a multidisciplinary team working to identify families carrying genetic mutations that increase their risk of developing blood cancers.

The clinic uses state-of-the-art DNA sequencing technologies and bioinformatics, enabling researchers to detect mutations that they were previously unable to detect.

The Australia Familial Haematological Cancer Clinic (AFHCC) has access to the largest collection of families with blood cancers in Australia on which to base their research, carried out within the Royal Adelaide Hospital.

By identifying genetic mutations in families affected by leukaemia or lymphoma, medical specialists can better monitor individuals at risk, counsel those affected and help improve cancer outcomes by early detection.

Bone marrow transplantation can potentially cure individuals with blood cancer. Knowing the predisposing mutation will also enable the clinic to screen for family members as potential bone marrow donors and rule out those carrying the mutation.

NEW TAX CLINIC AT CITY WEST

UniSA opened a Tax Clinic at City West campus to equip students with business skills and knowledge required for professional tax practice through dealing with clients in a real-life setting.

The clinic provides free, professional and confidential tax advice and services, targeting unrepresented small businesses, individuals, not-for-profit organisations and charities.

One of ten free tax clinics across Australia supported through a Federal Government initiative, the clinic's services include representation with respect to tax return lodgments and tax debts, education to help taxation compliance, as well as advocacy for those who need it most.

It's run by UniSA students under the supervision of qualified tax professionals and also operates an outreach service from the Hackham West Community Centre.



Vice Chancellor Professor David Lloyd at the opening of a rural health clinic providing podiatry, physiotherapy and other allied health services for people on the east coast of the Eyre Peninsula.

NEW UniSA SOCIAL ENTERPRISE HUB

The University launched a new Social Enterprise Hub, bringing together academics, students and the wider community to drive new models for combining good business with good social outcomes.

Conceived as an inter-disciplinary hub for social innovation and entrepreneurship, the UniSA Social Enterprise Hub takes a multidisciplinary, co-design approach to finding solutions that have a measurable social impact.

The Social Enterprise Hub comprises a wide range of UniSA institutes, centres and other groups. Hub members include The Australian Alliance for Social Enterprise (TAASE), the UniSA Yunus Centre for Social Business, the Centre for Workplace Excellence (CWeX), the China-Australia Centre for Sustainable Development and the Australian Housing and Urban Research Institute (AHURI) Research Centre and other collaborations.

Projects undertaken by Social Enterprise Hub members include:

- An undergraduate case study competition led by Director of the UniSA Yunus Social Business Centre, **Professor Carol Tilt**. Students were grouped with peers from Sri Lanka, Bangladesh and India, and tasked with creating a new social business model.
- The Design Construct Program, which forms part of the Hub, is a hands-on construction opportunity for students to design and construct buildings for Indigenous communities and accommodation buildings which help remote communities.
- Hub member Match Studio is leading the Visualising Mental Health project, which engages Bachelor of Design students in a 12-week project to develop concepts and design prototypes to help clinical psychologists communicate with clients and the general public.
- Hub member and Curriculum Advisor **Andrea Duff** leads the Community Services Learning Project, an elective course that offers UniSA students across all disciplines the opportunity to use the skills they have learned at university to help over 20 community initiatives with partners such as the Red Cross, Modbury Special School and Campbelltown Library.

NEW WHYALLA HEALTH CLINIC

UniSA expanded its allied health clinic services from the city with the opening of a Rural Health Clinic at Whyalla campus.

The clinic provides a range of allied health services for the community in Whyalla and surrounding areas and provides both local and visiting students the chance to gain industry experience.

Services are delivered by students supervised by qualified and experienced healthcare professionals.

The clinic was initially launched as a pilot and following its success was opened up to members of the wider community.

NEW ICC OPENED AT WHYALLA

UniSA's Innovation & Collaboration Centre (ICC) opened a regional base at the Whyalla campus in 2019, underpinned by a government grant of \$500,000 through the Department of Industry and Skills' Entrepreneurs' Programme.

The ICC Whyalla provides a dynamic pathway for innovative startups to reach their global capacity, with access to fast gigabit network speeds and expert mentors. The hub also supports local businesses looking to grow through workshops, programs and other development activities.

Community

MOD. AND SAMSTAG HIGHLY COMMENDED IN NATIONAL MUSEUM AND GALLERY AWARDS

UniSA's museums and galleries were recognised for their innovative exhibitions, publications and web design during the Australian Museums and Galleries Association (AMaGA) conference. MOD. was highly commended for its website in the Museums Australia Publication Design Awards (MAPDA) Institution Website category. The Anne and Gordon Samstag Museum of Art was highly commended for its 2018 catalogue in the Brochure category.

**CAN YOU DESIGN
FOR PLEASURE?**





Lisa Reihana, *In pursuit of Venus [infected]* from the 2019 Adelaide//International

MOD. EXHIBITIONS

Building on the success of its inaugural year, MOD. launched two new exhibitions during 2019.

Its third exhibition, HEDONISM, tested visitors' notions of pleasure and unpacked the experiences that make humans truly happy. Seven spaces in MOD. hosted different interactive exhibits to help the 45,565 visitors find new ways to contribute to their own lifelong journey of pleasure and wellbeing.

Exhibits included a huge hanging light sculpture – the Hedonometer – which translated the Twitter public feed from a random sample of about five million tweets each day into a happiness score, by analysing words and assigning them colour values. The Street Gallery exhibit, Biophilic Fantasies, had visitors comparing how they felt in the presence of plants and animals as opposed to artificial plants and animals, raising the question could virtual worlds replace the real thing in giving people a sense of pleasure and well-being?

The fourth exhibition SEVEN SIBLINGS from the Future was launched in November, taking visitors to a fictional piece of land in Southern Australia called "Eucalara" in the summer of 2050. Through the eyes of Seven Siblings, visitors grappled with the issues of the times in the context of new technologies, and an altered political, cultural and environmental landscape. Using a downloadable app, visitors

could interact with each sibling to discover more about their own values. The exhibition also featured VR "binoculars" to discover the invasive species threatening the landscape and a workshop where one of the siblings has developed the first carbon neutral completely synthetic hamburger.

SAMSTAG events

The Anne & Gordon Samstag Museum of Art began the year with The Adelaide//International – a new series of exhibitions for the 2019, 2020 and 2021 Adelaide Festivals, each comprising works by artists from Australia and overseas, along with associated forum programs.

For the 2019 exhibition, two Australian artists – **Brook Andrew** and **Eugenia Lim** – and two international – **Lisa Reihana** (New Zealand) and **Ming Wong** (Singapore) – were featured in four distinct exhibitions exploring histories of migration, the impact of cultural exchange on communities and individuals, and questions of who holds the power of narration.

From April to July, the Samstag hosted two Australian War Memorial Touring exhibitions,

For Country, for Nation – reflecting the experience of war from the perspective of First Nations Australians and curated by **Amanda Jane Reynolds** alongside *Reality in flames: modern Australian art and the Second World War* – exploring how Australian modernist artists responded creatively to the Second World War.

The Unbound Collective: Sovereign Acts V: CALLING exhibition brought together four Adelaide-based First Nations women working across art, activism and academia, and was accompanied by a performance on ANZAC Day, 2019.

In spring, the Samstag presented a major exhibition *like cures like*, by Louise Haselton, one of South Australia's pre-eminent contemporary artists and the feature artist of the 2019 South Australian Living Artist Festival (SALA). Also, in August and September was an exhibition of works by the late South Australian artist **Sandra Elms**, paying tribute to a beloved member of the Adelaide arts community and Samstag Museum of Art graphic designer from 2007 to 2018.

The final exhibition for 2019 was *Ascent*, bringing together a concise selection of works reflecting Mount Fuji, by visual artist and filmmaker **Fiona Tan**.

The Samstag also presented ON ART throughout 2019, an ongoing series of performances, talks and films that provide a platform for critical thinking and discussion around contemporary art. Throughout the year a series of ON ART Podcasts were created, presenting talks and discussions that follow the lead of contemporary art from the museum.

Marlee McMahon (VIC) and **Kate Power** (SA) were selected as recipients of the prestigious Anne & Gordon Samstag International Visual Arts Scholarship for 2020.

Hawke Centre Events

The Bob Hawke Prime Ministerial Centre facilitated a diverse range of intriguing, engaging and socially-challenging discussions in 2019.

Hawke: UniSA honors a leader

The 22nd Annual Hawke Lecture was delivered by **Mr Bill Kelty AC** paying tribute to his long-time friend and colleague, the late Hon Robert JL Hawke AC, GCL. Titled, *Why Bob Hawke Inspired Australia and His Unfinished Business*, the 2019 lecture outlined Hawke's remarkable career.

Kelty considered Hawke's legacy - including educational access, multiculturalism, his role in the anti-Apartheid movement and sanctuary for Chinese students. Right to the end of his life, Bob Hawke had an indefatigable desire to advance Australia and the world and Kelty reflected on the issues that were Hawke's "unfinished business", including climate change and a Treaty with First Nations Peoples.

2019 UniSA Nelson Mandela Lecture

One of Australia's leading activists, **Sally Rugg** took the audience behind the scenes to illustrate how ordinary people can be empowered to make extraordinary change. Author and executive director of change.org, Rugg is one of Australia's most influential campaigners for social change. An LGBTIQ rights activist, writer and public speaker, she shared some of the harder lessons she has learnt: the consequences of campaign decisions; how to weather criticism and harassment from every angle; and how, in mass campaign movements, nothing is black and white.

Highlights from the Hawke Centre in 2019 also included:

No blame. No shame. Surviving suicide loss – a panel discussion that explored and discussed what it means to experience, and survive, the loss of someone close through suicide.

Ben Folds – In Conversation with

Richard Fidler featured an Adelaide exclusive with author, singer and songwriter Ben Folds launching his book: *A Dream About Lightning Bugs*.

University of Cambridge Geneticist Dr Giles Yeo launched his new book **Gene Eating: The science of obesity and the truth about diets**. Drawing on the very latest science, and his own genetic research, Dr Giles Yeo has written the seminal 'anti-diet' diet book.

Can Trees Talk, Think and Heal? Pioneering scientists Brian Pickles and Monica Gagliano explored the fascinating hidden world of tree communication, plant cognition and the healing powers of forest bathing, in a conversation facilitated by Professor Chris Daniels.

Octopizzo: The Journey, was a lecture as part of the Sanaa Festival platform, once again co-hosted by the Hawke Centre that included the Sanaa Exhibition, Sanaa Festival, artist talk, Octopizzo lecture, workshops and street art collaborations.



Zephyr Quartet responding to Louise Haselton's exhibition *like cures like* with their musical performance *Domestic Alchemy*.

GOVERNANCE AND MANAGEMENT



Council Members



Main photograph, from left to right: The Hon John Hill, Ms Karen Hunt, Ms Naida Baig, Mr Jim Whalley, Professor David Lloyd, Ms Miriam Silva, Ms Pauline Carr, Mr Jim Hazel, Mr Eric Granger, Ms Mary Patetsos, Professor Vicki Waye, Professor Caroline McMillen.

Inset: Associate Professor Deirdre Tedmanson, Mr Michael Abbott AO QC. Ms Grace Dixon and Mr Ian Smith.

Ms Pauline Carr, Chancellor, Member appointed by Council, BEc (ANU), MBA, FAICD, FGIA, FCIS

Term of appointment: until 25 March 2022

Pauline Carr has more than 25 years of management and commercial experience in the resources industry with both Australian and international companies. In addition she has more than 15 years comprehensive compliance and governance experience with listed company boards.

Previously Ms Carr was a senior executive with Normandy Mining Limited, where she was actively involved in the company's growth, its corporate activities and its international expansion.

She is presently a professional non-executive director and also provides management, business improvement, governance, compliance and risk consultancy services to companies in the resources, construction and superannuation sectors.

Professor David Lloyd, Vice Chancellor and President, Bsc (Hons), PhD, CChem, FRSC

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 now sits on the board of Universities Australia, the peak body representing the university sector where he is the lead vice-chancellor for research & innovation. He was also 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. In 2019 he was appointed is as chair of the Committee for Adelaide which is dedicated to meeting 21st century challenges and opportunities.

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 and prior to academia, 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, Deputy Chancellor, Member appointed by Council, BA, DipEd, LLB, FAICD

Term of appointment: until 15 June 2021

John Hill's Parliamentary career began in 1997, when he was the Opposition Shadow Minister for the Environment until Labor's election in 2002, from which date until 2013 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 serving as a member of the Bellberry Ltd board and chairs Private Healthcare Australia (PHA) and the Goyder Institute for Water Research. He is also deputy chair of the ACH Group.

Mr Jim Hazel, Pro Chancellor, appointed by Council, BEc, FAICD, SF Fin

Term of appointment: until 19 December 2020

Jim Hazel holds a number of non executive board positions, following a career in the banking industry.

He is a director of ASX-listed companies Bendigo and Adelaide Bank Ltd, Ingenia Communities Group (Chair) and Centrex Metals Ltd. (Deputy Chair) and sits on the boards of Coopers Brewery Ltd. and the Adelaide Festival Centre Trust (Deputy Chair).

Mr Eric Granger, Member appointed by Council, FUniSA, FAICD

Term of appointment: until 31 December 2019

With a background in management, marketing, sales and customer service in retail operations of member based organisations, small business and the health and travel industries, Mr Granger brings significant know-how to business, always with a focus on people.

As a former General Manager of Bupa, Mr Granger offers his considerable skills and knowledge to the University of SA Foundation as a member of the Foundation Committee. He is an independent director of orthopaedic hospital Sportsmed.SA P/L, chair of start up IT company, Portalink and is Managing Director of Eric Granger Consulting.

Professor Vicki Waye, Presiding Member of Academic Board

Term of appointment: until 31 December 2020

Professor Waye is a Foundation Professor of Law at the School of Law, and from 2010–2015 was the Dean of Teaching and Learning at the UniSA Business School (incorporating Business and Law).

Professor Waye holds a Bachelor of Laws (LLB, Hons), a Graduate Diploma of Legal Practice, a Master of Laws (LLM) and a PhD from the University of Sydney. She is a member of the Judicial Development Committee (SA), which provides professional development programs for judges and magistrates of the South Australian Courts, a member of the Law Council of Australia, a member of the TEQSA Register of Experts, and a member of the executive of the Australasian branch of the International Wine Lawyers Association.

Ms Miriam Silva, Member appointed by Council, BSc

Term of appointment: until 19 December 2020

Ms Silva has more than 20 years' experience across multiple industries including pharmaceuticals, banking and agribusiness managing large and geographically diverse teams. From July 2014 she was Acting Chief Executive of TAFE SA.

She was previously General Manager Commercial Operations for Elders Ltd and held a number of roles with ANZ Banking Group Ltd.

Mr Michael Abbott AO QC, Member appointed by Council, LLB

Term of appointment until 31 December 2021

Michael Abbott graduated the Bachelor of Laws degree from the University of Adelaide in 1965 and in 1966 was admitted to practice as a Barrister and Solicitor of the Supreme Court of South Australia.

He has appeared 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 (past and present) of the Legal Services Commission, Bar Association, ASER Restructuring Committee and Criminal Law Committee of South Australia and acted as Human Rights Observer to the Law Council of Australia.

Mr Abbott was awarded the Centenary Medal in 2000 and in 2002 he received the Indo-Australian Award for Meritorious Service to the Bilateral Relationship.

He 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. He currently acts as an advisor to a number of national and international Corporations and in his current position of Chairman of the Legal Services Commission he is in the process of creating significant changes to enable the organisation to better serve the public and legal profession.

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

Ms Mary Patetsos, Member appointed by Council

Term of appointment until 31 December 2022

A passionate South Australian with strong national and global networks, Ms Patetsos 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. Ms Patetsos' leadership and skills in public policy and governance are linked with knowledge and experience in corporate and commercial enterprise.

She holds a range of Chair and board positions including Chair of FECCA (Federation of Ethnic Communities' Councils of Australia), Chair of SA Housing Trust, Chair of the private sector Aged Care provider ACH, Chair of the SA Local Government Grants Commission, Deputy Chair, Health Performance Council and member of the National Aged Care Alliance. She is also a Chair and Company Director of Power Community Limited and is a member of AICD.

Mr Jim Whalley, Member appointed by Council, B.Sc.MBA

Term of appointment until 31 December 2021

Mr Whalley is Chairman, 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. Amongst other qualifications, he holds a Master of Business Administration, a science degree majoring in physics and is a graduate of the Harvard Business School OPM Executive Education Program. He is active in several business forums and is a director of the Adelaide Festival of Arts, AmCham and Australian Naval Infrastructure.

Mr Whalley is a member of the Sir Ross and Keith Smith Fund Advisory Committee and the Defence Innovation Steering Group. Former roles have included 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. 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.

Professor Caroline McMillen

Member appointed by Council

Term of appointment until 31 December 2020

Professor Caroline McMillen commenced in the role as Chief Scientist for South Australia in October 2018 after serving as Vice-Chancellor of the University of Newcastle for seven years from 2011. She is a Fellow of the Australian Academy of Health and Medical Sciences, a Fellow of the Royal Society of New South Wales and a Bragg Member of the Royal Institution, Australia. She holds a BA (Honours) and Doctor of Philosophy from the University of Oxford, and completed her medical training graduating with an MB, BChir from the University of Cambridge. She has served in academic leadership positions at Monash University, the University of Adelaide and at the University of South Australia where she held the role of Deputy Vice Chancellor: Research and Innovation prior to her move to Newcastle.

Mr Ian Smith AM

Member appointed by Council

Term of appointment until 31 December 2020

Ian founded and serves as Joint Managing Partner of Bespoke Approach, an Adelaide-based corporate and political advisory firm. He is the United Kingdom's Honorary Consul in South Australia. He is Chairman of Barefoot to Boots, an NGO that assists refugees through the provision of resources to camps and settlements, and is actively engaged in advocacy and philanthropy for refugees and their host communities. He is a founding board member of Developing East Arnhem Limited, overseeing the economic rejuvenation of one of Australia's most isolated regions. He is a director of Adelaide United Football Club and chairs its advisory board. Ian is a Senior Advisor with Albright Stonebridge Group, the global strategy firm founded by former Secretary of State Madeleine Albright, where he helps clients of the firm's East Asia and Pacific practice with growth strategies in Australia and across the region.

Previously, he was CEO of the public relations firm Gavin Anderson & Company (Australia). He was also formerly an advisor to an Australian State Premier and a State Leader of the Opposition. Earlier in his career, he was a journalist for the Advertiser in Adelaide, and the Daily Advertiser, in Wagga Wagga.

Ian studied Business and Journalism at the London College of Printing (now the University of the Arts London). He has also completed the Advanced Management Program, run by Omnicom, at Babson College in Massachusetts

**Associate Professor Deirdre Tedmanson,
Academic Staff Member BA, M. Policy &
Admin, PhD**

Term of appointment until 31 December 2019

Associate Professor Deirdre Tedmanson is Associate Head: Academic in the School of Psychology, Social Work and Social Policy. Deirdre has a PhD from the Australian National University, and Masters of Policy and Administration and Bachelor of Arts degrees from the Flinders University of South Australia.

Prior to working in higher education, Associate Professor Tedmanson held senior roles in policy development and implementation in the public sector, after earlier working in the non-government sector. Her teaching and research focuses on social policy; social analysis; youth pathways; Aboriginal rights and governance issues and entrepreneurship.

**Ms Karen Hunt, Professional Staff Member,
BBSc, GAICD**

Term of appointment until 31 December 2021

Ms Hunt has worked for many years in the higher education and not-for-profit sectors and has a breadth of experience at the University of South Australia. She is currently the Deputy Director: Student Engagement, with responsibility for leading the wellbeing services of the Student Engagement Unit including Counselling, Access & Inclusion, Student Support, Wirringka Student Services and Student Wellbeing.

Ms Hunt is also a Director on the UnitingSA and Portway Housing Boards and is a graduate and member of the Australian Institute of Company Directors.

Ms Grace Dixon

USASA President, Student Representative

Term of appointment until 31 December 2019

After initially starting at UniSA in the Bachelor of Aviation (Pilot stream) and flying at FTA as part of the Diploma of Aviation, Grace has since switched into Bachelor of Aviation (Management). Grace first became involved with USASA at the end of 2017 when she was elected as Mawson Lakes Representative. She subsequently became President.

Ms Nida Baig

USASA Postgraduate, Student Representative

Term of appointment until 31 December 2019

Nida is studying her Masters degree of Information Technology (Enterprise Management). She previously completed a Bachelor of Commerce (Honours) at Loyola Academy, India where she was appointed as the Head Girl and was campus recruited in Wells Fargo as Mortgage Analyst for 18 months. Since joining UniSA, Nida has been involved in various student committees and has been an active member in volunteering.

Senior Management Group



Professor David Lloyd



Professor Allan Evans



Professor Tanya Monro



Mr Nigel Relf



Professor Roger Eston



Professor Simon Beecham



Professor Joanne Cys



Professor Marie Wilson



Professor Irene Watson



Dr Laura-Anne Bull



Professor Carol Grech



Professor Julie Mills



Ms Jane Booth



Mr Paul Beard

Professor David Lloyd, 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 now sits on the board of Universities Australia, the peak body representing the university sector where he is the lead vice-chancellor for research & innovation. He was also 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. In 2019 he was appointed as chair of the Committee for Adelaide which is dedicated to meeting 21st century challenges and opportunities.

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 and prior to academia, 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.

Professor Allan Evans, Provost and Chief Academic Officer

Professor Evans took up the role of UniSA's inaugural Provost and Chief Academic Officer in 2013, after serving for five years as Pro Vice Chancellor in the Division of Health Sciences. Before that he was Head of the School of Pharmacy and Medical Sciences.

Originally a pharmacist, his research career has focused on investigating ways of improving the use of medicines in humans, and he has worked with multiple pharmaceutical companies across the world to help bring new pharmaceutical products onto the market in critical areas such as malaria, kidney disease, chronic pain, cancer and cardiovascular disease.

As a researcher and former Director of UniSA's Centre for Pharmaceutical Research, Prof Evans held a string of NHMRC/ARC grants for more than 20 years before moving into full time university administration. He has published over 100 journal papers that have more than 1,400 literature citations.

Professor Tanya Monro, Deputy Vice Chancellor: Research and Innovation (until March 2019)

Professor Tanya Monro took up the role of Deputy Vice Chancellor Research and Innovation in November 2014.

The ARC Georgina Sweet Laureate Fellow at the University of South Australia, Prof Monro was the inaugural Director of the Institute for Photonics and Advanced Sensing (IPAS) from 2008 to 2014 and was the inaugural Director for the ARC Centre of Excellence for Nanoscale Biophotonics (CNBP) at the University of Adelaide.

Prof Monro is a Fellow of the Australian Academy of Science (AAS) the Australian Academy of Technological Sciences and Engineering (ATSE), the Optical Society of America (OSA) and the Australian Institute of Physics. She is a member of the Prime Minister's Commonwealth Science Council (CSC), and a Board Member of the Commonwealth Science and Industrial Research Organisation (CSIRO), the South Australian Defence Advisory Board, and the South Australian Economic Development Board. Prof Monro is also an inaugural Bragg Fellow of the Royal Institution of Australia (RIAus).

Mr Nigel Relph, Deputy Vice Chancellor: External Relations and Strategic Projects (until March 2019)

Nigel Relph was appointed as Deputy Vice Chancellor: External Relations and Strategic Partnerships in March 2016, having previously been Pro and then Deputy Vice Chancellor and Vice President: International and Development since October 2010. He is responsible for international strategy; the University's partnerships and

institutional alliances locally, nationally and internationally; community and cultural engagement; alumni relations and philanthropic fundraising; The Samstag Museum of Art; MOD. (Museum of Discovery); The Bob Hawke Prime Ministerial Centre; and for a variety of major strategic projects. Before joining UniSA, Nigel worked in senior management positions in universities in the UK; ran companies in the media and the private education sector in Europe and Asia; was a government advisor; and taught cultural history at a number of universities.

Professor Roger Eston, Pro Vice Chancellor: Division of Health Sciences.

Roger's previous leadership roles included Head of UniSA's School of Health Sciences, Head of the School of Sport and Health Sciences at Bangor University and Exeter University.

He was awarded a National Citation/Teaching Fellowship in 2010 (UK Higher Education Academy) for contribution to sport and exercise science. Author and editor of *Kinanthropometry and Exercise Physiology* 4th Ed, he has more than 200 research papers on perceived exertion, exercise and muscle damage, body composition, assessment of activity, children and exercise science. Roger has supervised 28 PhD and 31 MSc scholars to completion; examined 35 Higher Degrees by Research and is currently supervising 3 PhD students.

Professor Simon Beecham, Pro Vice Chancellor: Division of Information Technology, Engineering and the Environment/DVCE

Professor Simon Beecham commenced as Pro Vice-Chancellor of the Division of Information Technology, Engineering and the Environment (ITEE) in January 2015. Prior to this he was Head of the School of Natural and Built Environments (2010–2014) and before that he was the Director of UniSA's Centre for Water Management and Reuse (2006–2010). Prof Beecham is a Fellow of Engineers Australia as well as a Fellow of the Australian Institute of Company Directors.

In addition to these industry contributions, Prof Beecham was a Board Director of Water Research Australia Ltd (WaterRA) from 2009 to 2015. WaterRA is Australia's longest-running private company (2009–present) that has made the successful transition from being a former CRC (1995–2008). He is also an Editorial Board Member of the Wiley journal *Global Challenges*.

**Professor Joanne Cys, Pro Vice Chancellor:
Division of Education, Arts and Social
Sciences**

Professor Cys'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. In 2016 she was inducted into Australia's Design Hall of Fame in recognition of her contributions to design policy, education and research.

Professor Cys has been the creative director for major practice-led design competitions and symposia at state, national and international level. She has addressed national and international conferences and is regularly invited to contribute to professional design journals. She is highly engaged in national and international peak design bodies. 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). She 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.

**Professor Marie Wilson, Pro Vice
Chancellor: UniSA Business School**

Professor Marie Wilson is Pro Vice Chancellor (Business and Law) of the UniSA Business School. She has more than 20 years of university leadership experience, including senior roles at Griffith University and The University of Auckland.

She is the former managing director of a multinational medical relief agency, and has been a senior manager in strategy and HRM for seven public companies, including one of the world's largest IT companies. She also has extensive experience in start-up and high technology ventures. She is a Fellow of the Australian Institute for Company Directors, and Councilor (SA/NT) for CEDA.

**Professor Irene Watson, Pro Vice Chancellor
for Aboriginal Leadership and Strategy and
Unaipon Chair**

Professor Irene Watson is a member of the Tanganeakald, Meintangk-Bunganditj First Nations, a senior academic, researcher, lawyer and advocate for Aboriginal Peoples. Irene was appointed to the position of Pro Vice Chancellor for Aboriginal Leadership and

Strategy and Unaipon Chair at the University of South Australia in 2016.

Professor Watson has responsibility for advancing opportunities inclusive of a two world way approach to First Nations students across the University.

**Dr Laura-Anne Bull, Pro Vice Chancellor:
Student Engagement and Equity
(until January 2019)**

Dr Laura-Anne Bull joined the University in September 2014 as Pro Vice Chancellor: Student Engagement and Equity. Dr Bull is responsible for leading initiatives to ensure that students are fully engaged and supported, not only in their learning, but also in their university experience.

Dr Bull earned her PhD in Chemical Engineering from the University of Strathclyde, Glasgow in 1998. She began her career as a process engineer for Zeneca Agrochemicals (now Syngenta) and as lead process engineer was responsible for the design and commissioning of new plants.

Two years later, she returned to university teaching as a lecturer in Chemical and Process Engineering at Strathclyde where she was also fully engaged in student pastoral support, PhD supervision, and a range of academic operational groups from undergraduate recruitment to faculty school liaison. In 2011, she moved to the Australian National University to take on the role of Deputy Registrar – Student Services where a year later she was appointed Registrar – Student Services and then the Registrar Student Life in February 2014.

**Professor Carol Grech, Pro Vice Chancellor:
Student Engagement and Equity**

Before assuming her current role, Professor Grech held the position of Head of School, Nursing and Midwifery. In her role she is responsible for the oversight of the Student Engagement Unit, UniSA College, the Mt Gambier and Whyalla Campuses, and the office of the Student Ombud. Carol is also responsible for providing leadership in the development, implementation and continuous improvement of the university's student engagement and experience activities; work integrated learning framework; transition and success activities; and alternative pathways for students from non-traditional backgrounds.

Mr Paul Beard, Chief Operating Officer

Mr Beard was first appointed to UniSA in 2001 as Executive Director and Vice President: Finance and Resources. In November 2009,

he took up a new role at UniSA as Chief Operating Officer with overall responsibility for Facilities Management, Finance, Information Strategy and Technology Services and the Library.

**Ms Jane Booth, Executive Director:
People, Talent and Culture**

Ms Booth is an experienced leader with proven expertise in people and talent development, culture transformation and change. Jane's key responsibilities include: leading the Human Resource functions of the University including Workplace Strategy, People Development and Performance, Wellbeing and Employee Benefits, Employee Relations, Recruitment Operations, Payroll and Superannuation; supporting the team who deliver people services to more than 6,000 academic and professional staff; and enabling them to support UniSA's aspirations with and through our people.

**Professor Julie Mills, Pro Vice Professor:
Division of Information Technology,
Engineering and The Environment)**

Before joining UniSA Professor Mills worked as a structural engineer and project manager in industry for 14 years. The projects she worked on ranged from power stations, office buildings, industrial buildings and shopping centres to residential buildings. During this time she had to break new ground wherever she worked with regard to maternity leave, part-time work and job sharing as a female engineer. These experiences resulted in her extensive involvement in activism and research related to Women in Engineering. She was a co-founder of the South Australian Women in Engineering group (now part of Engineers Australia) and a long-time member of the National Women in Engineering committee of Engineers Australia, including a period as Chair.

Professor Mills is known nationally and internationally for her expertise in project-based learning and gender inclusive curriculum. Her teaching has been rewarded with several national and university awards, the highlight being the National Teaching Excellence Award from the Australasian Association for Engineering Education in 2009.

Her research interests span the areas of Engineering Education, Women in Engineering and Structural Engineering. She has published two books, numerous journal articles, supervised PhD students and received Cat 1 grants (ARC and OLT) and industry funding across all of these areas.

Senior Academic and Administration Structure



The Divisional Pro Vice Chancellors report to the Provost and Chief Academic Officer for teaching, learning and student experience matters and on the delivery of academic strategy. For matters of University-wide significance and other targeted strategic planning issues, the Divisional Pro Vice Chancellors report to the Vice Chancellor.

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 Chancellors, Provost and Chief Academic Officer, Pro Vice Chancellors, Chief Operating Officer and Executive Director, People, Talent and Culture. With the Vice Chancellor, they form the Senior Management Group, which meets regularly and provides advice to the Vice Chancellor on operational and policy matters. Senior managers lead the University's academic divisions 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 2019, we received eight applications to access records under the Act. Out of the eight applications, three resulted in full release and five 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.

These committees are:

- Academic Board;
- Finance Committee;
- Urgent Business Committee;
- Audit and Risk Management Committee;
- Senior Remuneration Committee;
- Governance and Nominations Committee;
- Student Appeals Committee;
- Advancement and Fundraising 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

Our re-registration with TEQSA (Tertiary Education Quality and Standards Agency) was approved in September 2016 for a period of seven years to September 2023.

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.

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.

2019 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 2019.

2019 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 QC
Ms Nida Baig (until 31 December 2019)
Ms Grace Dixon (until 31 December 2019)
Mr Eric Granger (until 31 December 2019)
Ms Karen Hunt
Professor Caroline McMillen
Ms Mary Patetsos
Ms Miriam Silva
Mr Ian Smith
Associate Professor Deirdre Tedmanson (until 31 December 2019)
Professor Vicki Waye
Mr Jim Whalley

The remuneration of Council members is detailed in Note 25(b) of the Financial Statements.

Changes in Council membership since 31 December 2019

Associate Professor Barbara Parker (commenced 1 January 2020)
Mr Noah Beckmann, USASA President (commenced 1 January 2020)
Ms Lekshmi Shylaja, USASA Post-graduate representative (commenced 1 January 2020)

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 2019, and the numbers of meetings attended by each member were:

Member of Council	Meetings of Council Committees																	
	Council Meetings		Academic Board		Audit & Risk Management		Finance		Urgent Business		Senior Academic Promotions		Senior Remuneration		Advancement and Fundraising		Governance and Nominations	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Ms Pauline Carr	7	7							4	4			3	3	1	1	3	3
Professor David Lloyd	7	7	5	8	3	5	5	5	4	4	5	5	3	3	1	1	3	3
Hon John Hill	7	7					4	5	4	4			3	3			3	3
Mr Jim Hazel	7	7			1	1	5	5	4	4			3	3				
Mr Michael Abbott AO QC	7	7															1	3
Ms Nida Baig	7	7	3	8														
Ms Grace Dixon	7	7	6	8													3	3
Mr Eric Granger	5	7			4	4												
Ms Karen Hunt	6	7							4	4							1	1
Professor Caroline McMillen	6	7																
Ms Mary Patetsos	7	7			4	4												
Ms Miriam Silva	6	7			5	5	3	5							1	1		
Mr Ian Smith	5	7													1	1		
Associate Prof. Deirdre Tedmanson	7	7	8	8					4	4							2	2
Professor Vicki Waye	7	7	7	8														
Mr Jim Whalley	5	7																

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.

In addition to the above the Student Appeals Committee is a committee of Council and meets as required. Council has appointed Mr Terry Evans AM, as the Chair of the Committee, as well as another 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 2019 year.

Review of operations

The 2019 consolidated surplus was \$21.5 million (2018: \$19.5 million). The surplus resulted in a safety margin (operating result as a percentage of total income) of 3.1% (2018: 3.0%). Income increased by 4.1% to \$685.7 million while expenses grew by 3.9% to \$664.0 million.

The University's consolidated financial position remained sound during the 2019 year with net assets of \$1,263 million (2018: \$1,209 million). Cash balances increased to \$227.3 million at year end (2018: \$182.2 million) primarily due to the reduction in the University's capital program following the completion of major infrastructure projects in early 2019.

Consolidated cash flows from operating activities in 2019 were \$81.0 million (2018: \$67.0 million).

Changes in the state of affairs

In the opinion of the members of the University Council there were no significant changes in the state of affairs of the Group that occurred during the 2019 year not otherwise disclosed in this report or elsewhere in the Annual Review.

Subsequent events

Since 31 December 2019 the Australian Government has implemented travel restrictions and other measures to manage the risks from the spread of the coronavirus (COVID-19) which will impact student revenue.

The pandemic has also impacted investment markets and interest rates, which affect the measurement of a range of the University's assets, including investments in equity instruments designated at fair value through other comprehensive income and also actuarially assessed liabilities including superannuation, long service leave, and workers compensation provisions.

It is anticipated that, should these factors continue during 2020, they have the potential to significantly impact the University's financial position and operating result for the 2020 year.

Likely developments and expected results of operations

The Group will continue to pursue its principal activities while maintaining its financial sustainability.

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 2019 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 12 May 2020.



Ms Pauline Carr
Chancellor



Professor David G. Lloyd
Vice Chancellor and President



STATEMENT OF COMPREHENSIVE INCOME

FOR THE YEAR ENDED 31 DECEMBER 2019

	Notes	Consolidated		University	
		2019	2018	2019	2018
		\$'000	\$'000	\$'000	\$'000
Revenue and income from continuing operations					
Australian Government financial assistance					
Australian Government grants	2	266,386	268,702	266,384	268,718
HECS-HELP - Australian Government payments	2	138,192	129,178	138,192	129,178
FEE-HELP	2	7,875	8,390	7,875	8,390
SA-HELP	2	3,674	3,431	3,674	3,431
State and Local Government financial assistance	3	12,130	10,850	12,130	10,850
HECS-HELP - Student payments		10,306	9,973	10,306	9,973
Fees and charges	4	169,534	145,429	169,534	145,429
Royalties		487	390	142	62
Consultancy and contract research	5	46,930	41,676	46,985	41,603
Other revenue	6	23,625	25,439	22,891	24,934
Investment income	8	6,570	15,310	6,563	15,297
Total revenue and income from continuing operations		685,709	658,768	684,676	657,865
Expenses from continuing operations					
Employee-related expenses	9	415,666	397,489	413,450	395,292
Depreciation and amortisation		44,855	40,763	44,847	40,747
Repairs and maintenance		17,624	14,366	17,622	14,361
Borrowing costs		730	-	730	-
Impairment of property, plant and equipment	17	175	697	175	697
Other expenses	10	184,206	185,243	185,941	186,704
Loss on disposal of assets	11	169	301	167	301
Bad and doubtful debts		547	317	547	317
Total expenses from continuing operations		663,972	639,176	663,479	638,419
Operating result before income tax		21,737	19,592	21,197	19,446
Income tax (income) / expense		201	87	68	40
Operating result attributable to members of University of South Australia		21,536	19,505	21,129	19,406
Items that will not be reclassified to profit or loss:					
Gain on revaluation of Land, Buildings and Infrastructure		36,920	-	36,920	-
Loss on revaluation of Art collection		(35)	-	(35)	-
Gain / (Loss) on equity instruments designated at fair value through other comprehensive income		20,687	922	20,687	922
Total		57,572	922	57,572	922
Total comprehensive income attributable to the members of the University of South Australia		79,108	20,427	78,701	20,328

The above Statement of Comprehensive Income should be read in conjunction with the accompanying notes.

**STATEMENT OF FINANCIAL POSITION**

AS AT 31 DECEMBER 2019

	Notes	Consolidated		University	
		2019 \$'000	2018 \$'000	2019 \$'000	2018 \$'000
Current assets					
Cash and cash equivalents	12	227,321	182,169	225,657	180,549
Receivables	13	19,627	21,847	18,735	21,364
Other financial assets	15	3,695	6,161	3,695	6,161
Deferred Government superannuation contribution	30	30,200	30,493	30,200	30,493
Other non-financial assets	16	20,620	18,434	20,585	18,389
Total current assets		301,463	259,104	298,872	256,956
Non-current assets					
Other financial assets	15	67,143	44,360	69,212	46,424
Property, plant and equipment	17	1,149,456	1,105,596	1,149,418	1,105,583
Deferred tax assets		592	558	-	-
Intangible assets	18	4,022	5,374	4,022	5,374
Deferred Government superannuation contribution	30	396,256	381,364	396,256	381,364
Total non-current assets		1,617,469	1,537,252	1,618,908	1,538,745
Total assets		1,918,932	1,796,356	1,917,780	1,795,701
Current liabilities					
Trade and other payables	19	31,220	32,601	31,470	32,923
Provisions	21	79,092	73,442	78,933	73,206
Borrowings	20	2,610	-	2,610	-
Current tax liabilities		275	101	116	86
Contract liabilities	22	70,494	-	70,494	-
Other liabilities	23	12,990	53,793	12,826	53,581
Defined benefit obligation	30	30,200	30,493	30,200	30,493
Total current liabilities		226,881	190,430	226,649	190,289
Non-current liabilities					
Borrowings	20	14,840	-	14,840	-
Provisions	21	17,839	15,332	17,839	15,332
Defined benefit obligation	30	396,256	381,364	396,256	381,364
Total non-current liabilities		428,935	396,696	428,935	396,696
Total liabilities		655,816	587,126	655,584	586,985
Net assets		1,263,116	1,209,230	1,262,196	1,208,716
Equity					
Reserves	24	313,089	255,430	313,089	255,430
Retained earnings		950,027	953,800	949,107	953,286
Total equity		1,263,116	1,209,230	1,262,196	1,208,716

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 2019

	Note	Consolidated			University	
		Reserves	Retained Earnings	Total	Reserves	Retained Earnings
		\$'000	\$'000	\$'000	\$'000	\$'000
Balance at 31 December 2018		255,430	953,800	1,209,230	255,430	953,286
Effect of adoption of AASB 15 and AASB 1058	1(f)	-	(25,221)	(25,221)	-	(25,221)
Balance as restated		255,430	928,579	1,184,009	255,430	928,065
Profit or loss		-	21,536	21,536	-	21,129
Gain on revaluation of Land, Buildings and Infrastructure		36,920	-	36,920	36,920	-
Loss on revaluation of Art Collection		(35)	-	(35)	(35)	-
Gain on equity instruments designated at fair value through other comprehensive income		20,687	-	20,687	20,687	-
Transfer of fair value reserve of equity instruments designated at fair value through other comprehensive income to retained earnings		87	(87)	-	87	(87)
Total comprehensive income		57,659	21,449	79,108	57,659	21,042
Balance at 31 December 2019		313,089	950,028	1,263,117	313,089	949,107

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 2019

	Consolidated			University		
	Reserves	Retained Earnings	Total	Reserves	Retained Earnings	Total
Note	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Balance at 1 January 2018	254,218	934,586	1,188,804	254,218	934,170	1,188,388
Balance as restated	254,218	934,586	1,188,804	254,218	934,170	1,188,388
Profit or loss	-	19,504	19,504	-	19,406	19,406
Gain on equity instruments designated at fair value through other comprehensive income	922	-	922	922	-	922
Transfer of fair value reserve of equity instruments designated at fair value through other comprehensive income to retained earnings	290	(290)	-	290	(290)	-
Total comprehensive income	1,212	19,214	20,426	1,212	19,116	20,328
Balance at 31 December 2018	255,430	953,800	1,209,230	255,430	953,286	1,208,716

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 2019

	Notes	Consolidated		University	
		2019	2018	2019	2018
		\$'000	\$'000	\$'000	\$'000
Cash flows from operating activities:					
Inflows:					
Australian Government grants received		413,668	403,415	413,665	403,476
OS-HELP (Net)	38(g)	(1,501)	324	(1,501)	324
Superannuation supplementation	38(h)	28,246	26,601	28,246	26,601
State and Local Government Grants		10,075	11,074	10,075	11,074
HECS-HELP - Student payments		10,217	9,973	10,217	9,973
Receipts from student fees and other customers		181,906	158,533	181,976	158,027
Dividends received		2,587	8,563	2,587	8,563
Interest received		5,139	4,191	5,132	4,178
Royalties		487	390	142	62
Consultancy and contract research		51,967	45,049	51,908	45,123
Other receipts		25,718	28,945	25,352	28,585
GST recovered / (paid)		10,989	13,854	10,734	14,080
Outflows:					
Payments to suppliers and employees		(657,753)	(643,938)	(656,865)	(643,219)
Interest paid		(730)	-	(730)	-
Net cash provided by / (used in) operating activities	35	81,015	66,974	80,938	66,847
Cash flows from investing activities:					
Inflows:					
Proceeds from sale of property, plant and equipment		199	237	199	237
Proceeds from sale of Investments		3,402	4,136	3,387	4,136
Outflows:					
Payments for property, plant and equipment		(31,144)	(71,756)	(31,109)	(71,749)
Payments for investments		(5,501)	(5,638)	(5,488)	(5,638)
Net cash provided by / (used in) investing activities		(33,044)	(73,021)	(33,011)	(73,014)
Cash flows from financing activities:					
Repayment of borrowings		(2,819)	-	(2,819)	-
Net cash used in financing activities		(2,819)	-	(2,819)	-
Net increase / (decrease) in cash and cash equivalents		45,152	(6,047)	45,108	(6,167)
Cash and cash equivalents at the beginning of the financial year		182,169	188,216	180,549	186,716
Cash and cash equivalents at the end of the financial year	12	227,321	182,169	225,657	180,549

The above Statement of Cash Flows should be read in conjunction with the accompanying notes.



Note	Contents	Page No
1.	Summary of significant accounting policies	11
	Revenue notes	
2.	Australian Government financial assistance including HECS-HELP and FEE-HELP	22
3.	State and Local Government financial assistance	22
4.	Fees and charges	23
5.	Consultancy and contract research	23
6.	Other revenue	23
7.	Reconciliation of revenue and income	24
8.	Investment income	24
	Expense notes	
9.	Employee-related expenses	25
10.	Other expenses	26
11.	Loss on disposal of property, plant and equipment	26
	Asset notes	
12.	Cash and cash equivalents	27
13.	Receivables	27
14.	Investments accounted for using the equity method	29
15.	Other financial assets	29
16.	Other non-financial assets	30
17.	Property, plant and equipment	31
18.	Intangible assets	38
	Liability notes	
19.	Payables	40
20.	Borrowings	41
21.	Provisions	43
22.	Contract liabilities	45
23.	Other liabilities	45
	Equity notes	
24.	Reserves	46
	Disclosure notes	
25.	Key management personnel disclosures	46
26.	Remuneration of auditors	49
27.	Contingencies	49
28.	Commitments	50
29.	Related parties	51
30.	Superannuation plans	52
31.	Subsidiaries	57
32.	Investments in associates	57
33.	Interests in joint arrangements	57
34.	Events occurring after the balance sheet date	58
35.	Reconciliation of operating results after income tax to net cash flows from operating activities	58
36.	Financial risk management	59
37.	Fair value measurement	60
38.	Acquittal of Australian Government financial assistance	65



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, and valuation and depreciation of property, plant and equipment. 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 31. Subsidiaries of the financial statements.

(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.



1. Summary of significant accounting policies (continued)

(e) Interests in Co-operative Research Centres

The University participates in a number of Co-operative Research Centres (CRC) listed below. A CRC is a research initiative of the Australian Government established to pursue specific areas of research and supports industry-led collaborations between researchers, industry and the community.

The University participates in the below listed CRCs but does not control or have any significant influence in the entities that require the University to record them as either Joint Operations or Associates. The University does not record any of the CRC entities as investments in the financial statements.

During 2019 the University provided both cash and in-kind contributions to support the work of CRCs.

The Co-operative Research Centres are:

- CRC for Cell Therapy Manufacturing
- CRC for Contamination Assessment and Remediation of the Environment II
- CRC for Low Carbon Living
- Data to Decisions CRC
- Digital Health CRC
- Innovative Manufacturing CRC
- iMove CRC
- MinEx CRC
- SmartSat CRC

(f) Initial application of AAS

AASB15 and AASB1058

The University adopted AASB15 and AASB1058 using the modified retrospective method of transition, with the date of initial application of 1 January 2019. In accordance with the provisions of this transition approach, the University recognised the cumulative effect of applying these new standards as an adjustment to opening retained earnings at the date of initial application, i.e., 1 January 2019. Consequently, the comparative information presented has not been restated and continues to be reported under the previous standards on revenue and income. In addition, the University has applied the practical expedient and elected to apply these standards retrospectively only to contracts and transactions that were not completed contracts at the date of initial application, i.e., as at 1 January 2019.

As the University is applying the modified retrospective approach, the practical expedient described in AASB15.C5 (c) was applied, for contracts that were modified before the beginning of the earliest period presented.

The University did not retrospectively restate the contract for those modifications in accordance with AASB15.20-21, but rather reflected the aggregate effect of all of the modifications that occur before the beginning of the earliest period presented when:

- Identifying the satisfied and unsatisfied performance obligations
- Determining the transaction price
- Allocating the transaction price to the satisfied and unsatisfied performance obligation

The new accounting policies for revenue and other income for not-for-profit in accordance with AASB 15 and AASB 1058 respectively are provided in Note 1(g).

While a receivable is the University's right to consideration that is unconditional, a contract asset is the University's right to consideration in exchange for goods or services that the University has transferred to the customer when that right is conditioned on the University's future performance. No material contract assets existed at 31 December 2019.



1. Summary of significant accounting policies (continued)

(f) Initial application of AAS (continued)

Overview of AASB15 and AASB1058

Under the new income recognition model applicable to not-for-profit entities, the University shall first determine whether an enforceable agreement exists and whether the promises to transfer goods or services the customer are 'sufficiently specific'.

If an enforceable agreement exists and the promises are 'sufficiently specific' (to a transaction or part of a transaction), the University applies the general AASB15 principles to determine the appropriate revenue recognition. If these criteria are not met, the University shall consider whether AASB1058 applies.



1. Summary of significant accounting policies (continued)

(f) Initial application of AAS (continued)

Overview of AASB15 and AASB1058 (continued)

Set out below are the amounts by which each financial statement line item is affected as at and for the year ended 31 December 2019 as a result of the adoption of AASB15 and AASB1058. The adoption of AASB15 did not have a material impact on OCI or the Group's operating, investing and financing cash flows. The first column shows amounts prepared under AASB15 and AASB1058 and the second column shows what the amounts would have been had AASB15 and AASB1058 not been adopted:

	Amounts prepared under					
	Consolidated			University		
	AASB15/ AASB1058	Previous	Increase /decrease	AASB15/ AASB1058	Previous	Increase /decrease
Statement Of Comprehensive Income	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Revenue and income from continuing operations						
Australian Government grants	266,386	267,798	(1,412)	266,384	267,796	(1,412)
HECS-HELP – Australian Government payments	138,192	138,192	-	138,192	138,192	-
FEE-HELP	7,875	7,875	-	7,875	7,875	-
SA-HELP	3,674	3,674	-	3,674	3,674	-
State and local government financial assistance	12,130	12,965	(835)	12,130	12,965	(835)
HECS-HELP – Student payments	10,306	10,306	-	10,306	10,306	-
Fees and charges	169,534	169,746	(212)	169,534	169,746	(212)
Royalties	487	487	-	142	142	-
Consultancy and Contract Research	46,930	50,028	(3,098)	46,985	50,083	(3,098)
Other revenue	23,625	23,819	(194)	22,891	23,085	(194)
Investment income	6,570	6,570	-	6,563	6,563	-
Total Income	685,709	691,460	5,751	684,676	690,427	5,751
Expenses from continuing operations						
Employee related expenses	415,666	415,666	-	413,450	413,450	-
Depreciation and amortisation	44,855	44,855	-	44,847	44,847	-
Repairs and maintenance	17,624	17,624	-	17,622	17,622	-
Borrowing costs	730	730	-	730	730	-
Impairment of property, plant and equipment	175	175	-	175	175	-
Other expenses	184,206	184,206	-	185,941	185,941	-
Bad and doubtful debts	547	547	-	547	547	-
Losses on disposal of assets	169	169	-	167	167	-
Total expenses from continuing operations	663,972	663,972	-	663,479	663,479	-
Net result before income tax from continuing operations	21,737	27,488	5,751	-	26,948	5,751
Income tax (income) / expense	201	201	-	68	68	-
Net result from continuing operations, after tax	21,536	27,287	(5,751)	(68)	26,880	(26,948)
Net result attributable to:						
Members of University of South Australia	(21,536)	(27,287)	5,751	-	(26,880)	26,880
Total	(21,536)	(27,287)	5,751	-	(26,880)	26,880
Net result attributable to members from:						
Continuing operations	(21,536)	(27,287)	5,751	-	(26,880)	26,880
Total	(21,536)	(27,287)	5,751	-	(26,880)	26,880

1. Summary of significant accounting policies (continued)

(f) Initial application of AAS (continued)

Overview of AASB15 and AASB1058 (continued)

Statement Of Financial Position	Amounts prepared under							
	Consolidated				University			
	AASB15/ AASB1058	Previous	Adoption of AASB 15 & 1058	Increase /decrease	AASB15/ AASB1058	Previous	Adoption of AASB 15 & 1058	Increase /decrease
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Assets								
Current assets								
Cash and cash equivalents	227,321	227,321	-	-	225,657	225,657	-	-
Receivables	19,627	20,432	-	(805)	18,735	19,540	-	(805)
Other financial assets	3,695	3,695	-	-	3,695	3,695	-	-
Deferred Government superannuation contribution	30,200	30,200	-	-	30,200	30,200	-	-
Other non-financial assets	20,620	20,620	-	-	20,585	20,585	-	-
Total current assets	301,463	302,268	-	(805)	298,872	299,677	-	(805)
Non-current assets								
Other financial assets	67,143	67,143	-	-	69,212	69,212	-	-
Property, plant and equipment	1,149,456	1,149,456	-	-	1,149,418	1,149,418	-	-
Deferred tax assets	592	592	-	-	-	-	-	-
Intangible assets	4,022	4,022	-	-	4,022	4,022	-	-
Deferred Government superannuation contribution	396,256	396,256	-	-	396,256	396,256	-	-
Total non-current assets	1,617,469	1,617,469	-	-	1,618,908	1,618,908	-	-
Total assets	1,918,932	1,919,737	-	(805)	1,917,780	1,918,585	-	(805)
Liabilities								
Current liabilities								
Trade and other payables	31,220	31,220	-	-	31,470	31,470	-	-
Provisions	79,092	79,092	-	-	78,933	78,933	-	-
Borrowings	2,610	2,610	-	-	2,610	2,610	-	-
Current tax liability	275	275	-	-	116	116	-	-
Contract liabilities	70,494	40,327	25,221	4,946	70,494	40,327	25,221	4,946
Other liabilities	12,990	12,990	-	-	12,826	12,826	-	-
Defined benefit obligation	30,200	30,200	-	-	30,200	30,200	-	-
Total current liabilities	226,881	196,714	25,221	4,946	226,649	196,482	25,221	4,946
Non-current liabilities								
Borrowings	14,840	14,840	-	-	14,840	14,840	-	-
Provisions	17,839	17,839	-	-	17,839	17,839	-	-
Defined benefit obligation	396,256	396,256	-	-	396,256	396,256	-	-
Total non-current liabilities	428,935	428,935	-	-	428,935	428,935	-	-
Total liabilities	655,816	625,649	25,221	4,946	655,584	625,417	25,221	4,946
Net assets	1,263,116	1,294,088	(25,221)	(5,751)	1,262,196	1,293,168	(25,221)	(5,751)
Equity								
Reserves	313,089	313,089	-	-	313,089	313,089	-	-
Retained earnings	950,027	980,999	(25,221)	(5,751)	949,107	980,079	(25,221)	(5,751)
Total equity	1,263,116	1,294,088	(25,221)	(5,751)	1,262,196	1,293,168	(25,221)	(5,751)



1. Summary of significant accounting policies (continued)

(f) Initial application of AAS (continued)

AASB16

The University has adopted AASB 16 using the modified retrospective method of transition, with the date of initial application of 1 January 2019. Under the modified approach, the University has chosen, on a lease-by-lease basis, to measure the related right-of-use asset at an amount equal to the lease liability, adjusted by the amount of any prepaid or accrued lease payments relating to that lease recognised in the statement of financial position immediately before the date of initial application.

In accordance with the provisions of this transition approach, the University would recognise the cumulative effect of applying this new standard as an adjustment to opening retained earnings at the date of initial application 1 January 2019. This has been determined as nil. Comparative information presented has not been restated and continues to be reported under the previous standards on leases AASB 117.

The nature and effect of the changes as a result of adoption of AASB 16 are as described below:

Definition of lease

Previously the University determined at contract inception whether an arrangement is or contains a lease under AASB 117. Under AASB 16, the University will continue to assess at contract inception whether a contract is, or contains, a lease but now uses the new definition of a lease.

On transition to AASB 16, the University elected to apply the practical expedient to grandfather the assessment of which transactions are, or contain leases. The University applied AASB 16 only to contracts that were previously identified as leases. Contracts that were not identified as leases under AASB 117 were not reassessed for whether there is a lease under AASB 16. Therefore, the new definition of a lease under AASB 16 was applied only to contracts entered into or modified on or after 1 January 2019.

The University as a lessee

The University previously classified leases as operating or finance leases based on its assessment of whether the lease transferred substantially all of the risks and rewards incidental to ownership of the underlying asset to the University. Under AASB 16, this classification no longer exists for the University as a lessee. Instead practically all leases are now recognised on the statement of financial position as right-of-use assets with corresponding lease liabilities comprising all amounts which are considered to be lease payments.

**1. Summary of significant accounting policies (continued)****(f) Initial application of AAS (continued)****AASB16 (continued)****Leases previously classified as operating leases under AASB 117**

The University has applied the following practical expedients in transitioning existing operating leases:

- (a) Applied a single discount rate to a portfolio of leases with reasonably similar characteristics (such as leases with a similar remaining lease term for a similar class of underlying asset in a similar economic environment)
- (b) Relied on its assessment of whether leases are onerous applying AASB 137 immediately before the date of initial application, as an alternative to undertaking an impairment review
- (c) Used hindsight in determining the lease term where the contract contains options to extend or terminate the lease

Leases previously classified as finance leases under AASB 117

On the date of initial application, right-of-use assets and lease liabilities continued to be recognised for leases previously classified as finance leases at the same carrying amounts of the leased assets and finance lease liabilities recognised in accordance with AASB 117 immediately before the date of initial application.

Reconciliation of operating lease commitments under AASB 117 and lease liabilities under AASB 16

As a lessee the weighted average incremental borrowing rate applied to lease liabilities recognised in the statement of financial position on the date of initial application was 4%.

The difference between the operating lease commitments disclosed previously by applying AASB 117 and the value of the lease liabilities recognised under AASB 16 on 1 January 2019 is explained as follows:

	Consolidated 1 January 2019 \$'000	University 1 January 2019 \$'000
Operating lease commitments disclosed as at 31 December 2018	8,659	8,659
Discounted using the University's weighted average incremental borrowing rate of 4%	(75)	(75)
Add: Adjustments as a result of different assumptions applied to extension and termination options	10,893	10,893
Add: Contracts not included in 2018 Operating Commitment note	65	65
Lease Liability recognised as at 1 January 2019	19,542	19,542



1. Summary of significant accounting policies (continued)

(g) Revenue and Income

The 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.

(i) Basis for disaggregation

Sources of funding: the Group receives the majority of funds from 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 as interest rates or unemployment, the overseas students are impacted by the changes in the 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.

Revenue from Contracts with Customers

(ii) Accounting policies and significant accounting judgement and estimates

Course fees and charges

The course fees and charges revenue relate to undergraduate programs, graduate and professional degree programs and continuing education and executive programs.

The 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.



1. Summary of significant accounting policies (continued)

(g) Revenue and Income (continued)

(ii) Accounting policies and significant accounting judgement and estimates (continued)

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: There are enforceable agreements and performance obligations in those agreements that are sufficiently specific.

The 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 as the Group has the obligation to provide:

- 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 the 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).

Other fees and charges

Other fees and charges revenue relate 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.

(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.

These unsatisfied performance obligations are expected to be satisfied during 2020 (within 1 year).

Contract liabilities for unsatisfied performance obligations are included in note 22.



1. Summary of significant accounting policies (continued)

(g) Revenue and Income (continued)

Income of not-for-profit

(iv) Accounting policies and significant judgements and estimates

Capital grants

The income is recognised immediately when the funds are received.

Donations and bequests

The income is recognised immediately when the funds are received.

(v) Prior year revenue recognition

EDUCATION financial assistance (including Commonwealth Grant Scheme, Higher Education Loan Programs and EDUCATION Research)

The University recognises EDUCATION financial assistance as revenue in the year in which it had been designated for the funding of teaching and research.

Other financial assistance (including ARC, NHMRC, Australian Government and State Government)

Grants received which have specified conditions which give the grantor the right to recall funds not spent in accordance with the specific agreement imposes on the University a performance obligation. That is, the University is required to consume the future economic benefits of the grant as specified, or return the grant to the grantor. Therefore, these grants are deferred until this performance obligation has been extinguished and the grant funds have been expended in accordance with their respective agreement or the grantor has exercised the right for funds to be repaid or transferred.

Other grants which do not contain specified conditions are recognised on receipt.

State and Local Government financial assistance and Consultancy and contract research is measured and recognised in accordance with the accounting policy set out above.

Fees and charges comprise revenue earned from the provision of programs and other services. Fees and charges are recognised in the period in which the programs or services are provided.

Other revenue is recognised when the Group becomes entitled to receive the revenue and the revenue can be reliably measured in accordance with AASB 118 *Revenue*.

Interest income is recognised as it accrues. For all financial instruments measured at amortised cost and debt 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.


2. Australian Government financial assistance including HECS-HELP and FEE-HELP
Australian Government financial assistance

	Note	Consolidated		University	
		2019	2018	2019	2018
		\$'000	\$'000	\$'000	\$'000
Commonwealth Grants Scheme and other grants	38(a)	191,090	191,699	191,090	191,699
Higher Education Loan Programs	38(b)	149,741	140,999	149,741	140,999
Education Research	38(c)	35,635	35,116	35,635	35,116
Other capital funding	38(e)	154	37	154	37
Australian Research Council	38(f)	5,427	6,788	5,427	6,788
Total CGS, HELP, Scholarships and Research grants		382,047	374,639	382,047	374,639
Other Australian Government financial assistance					
Research		27,608	27,738	27,608	27,767
Other		5,702	7,324	5,700	7,311
Non-capital		33,310	35,062	33,308	35,078
Capital		770	-	770	-
Total Other Australian Government financial assistance		34,080	35,062	34,078	35,078
Total Australian Government financial assistance		416,127	409,701	416,125	409,717

3. State and Local Government financial assistance

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Non-capital research grants	10,953	10,306	10,953	10,306
Non-capital other	1,177	544	1,177	544
Total State and Local Government financial assistance	12,130	10,850	12,130	10,850

4. Fees and charges

	Note	Consolidated		University	
		2019	2018	2019	2018
		\$'000	\$'000	\$'000	\$'000
Course fees and charges					
Fee-paying onshore overseas students		145,507	122,576	145,507	122,576
Fee-paying offshore overseas students		1,540	1,188	1,540	1,188
Continuing education		1,922	1,475	1,922	1,475
Fee-paying domestic postgraduate students		2,853	3,139	2,853	3,139
Fee-paying domestic non-award students		241	229	241	229
Total course fees and charges		152,063	128,607	152,063	128,607
Other fees and charges					
Miscellaneous enrolment fees		8,788	8,680	8,788	8,680
Other fees and charges		5,376	5,090	5,376	5,090
Seminar / workshop fees		2,031	1,735	2,031	1,735
Student services fees from students	38(i)	1,276	1,317	1,276	1,317
Total other fees and charges		17,471	16,822	17,471	16,822
Total fees and charges		169,534	145,429	169,534	145,429

5. Consultancy and contract research

		Consolidated		University	
		2019	2018	2019	2018
		\$'000	\$'000	\$'000	\$'000
Consultancy		2,395	3,667	2,378	3,620
Contract research		44,535	38,009	44,607	37,983
Total consultancy and contract research		46,930	41,676	46,985	41,603

6. Other revenue

		Consolidated		University	
		2019	2018	2019	2018
		\$'000	\$'000	\$'000	\$'000
Donations and bequests		4,013	3,639	4,013	3,639
Scholarships and prizes		1,755	1,688	1,756	1,688
Other fees and charges		10,425	7,232	9,127	6,386
Other*		7,432	12,880	7,995	13,221
Total other revenue		23,625	25,439	22,891	24,934

* Included within Other for 2019 is an amount for insurance proceeds of \$3.42 million (2018: \$8.52 million).

**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 and the disclosures provided in note 1(g) as per AASB 15 and AASB 1058:

	Note	Consolidated		University	
		2019 \$'000	2018 \$'000	2019 \$'000	2018 \$'000
Australian Government financial assistance including Australian Government loan Programs (HELP)	2	416,127	409,701	416,125	409,717
State and Local Government financial assistance	3	12,130	10,850	12,130	10,850
HECS-HELP - Student Payments		10,306	9,973	10,306	9,973
Fees and charges	4	169,534	145,429	169,534	145,429
Royalties		487	390	142	62
Consultancy and contract research	5	46,930	41,676	46,985	41,603
Other revenue	6	23,625	25,439	22,891	24,934
Total		679,139	643,458	678,113	642,568
Total Revenue from contracts with customers as per AASB 15		432,513	-	431,487	-
Total Income of not-for-profit as per AASB 1058		246,626	-	246,626	-
Total Revenue and Income		679,139	-	678,113	-

8. Investment income

	Consolidated		University	
	2019 \$'000	2018 \$'000	2019 \$'000	2018 \$'000
Interest				
Debt instruments at amortised cost	4,899	4,659	4,892	4,646
Dividends				
Equity instruments designated at fair value through OCI	1,671	10,651	1,671	10,651
Investment income gains	6,570	15,310	6,563	15,297

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. Employee-related expenses**

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Academic				
Salaries	171,722	164,910	171,437	164,708
Contributions to superannuation and pension schemes:				
Emerging cost	173	181	173	181
Funded	24,929	24,724	24,929	24,724
Payroll tax	10,095	9,493	10,095	9,493
Workers' compensation	343	98	343	98
Long service leave	7,653	5,258	7,653	5,258
Annual leave	10,960	10,856	10,960	10,856
Total academic	225,875	215,520	225,590	215,318
Non-academic				
Salaries	141,101	135,606	139,400	133,893
Contributions to superannuation and pension schemes:				
Emerging cost	176	181	31	32
Funded	22,390	21,423	22,390	21,423
Payroll tax	8,813	9,021	8,712	8,925
Workers' compensation	519	277	519	277
Long service leave	6,401	5,023	6,432	5,001
Annual leave	10,092	10,239	10,077	10,224
Total non-academic	189,492	181,770	187,561	179,775
Total academic & non-academic employee related expenses	415,367	397,290	413,151	395,093
Council member remuneration	299	199	299	199
Total employee-related expenses	415,666	397,489	413,450	395,292

Accounting Policy

Refer to Note 21 Provisions for the accounting policy relating to employee benefits and Note 30 Superannuation Plans for the accounting policy relating to employee benefits - Superannuation.


10. Other expenses

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Scholarships, grants and prizes	19,032	19,330	19,032	19,330
Non-capitalised equipment	6,216	9,244	6,216	9,244
Advertising, marketing and promotion	11,767	11,974	11,731	11,951
Telecommunications	3,352	3,648	3,339	3,636
Travel, staff development and entertainment	21,141	20,650	20,954	20,435
External services	65,065	64,048	67,361	66,100
IT hardware and software	15,928	13,995	15,926	14,020
Library subscriptions	6,959	6,534	6,959	6,534
Printing	1,916	2,057	1,916	2,057
Operating lease expenses	290	3,792	262	3,765
Bank charges, legal costs, insurance and taxes	6,989	6,572	6,708	6,256
General consumables	9,739	8,267	9,728	8,248
Utilities	10,793	11,177	10,793	11,177
Other	5,019	3,955	5,016	3,951
Total other expenses	184,206	185,243	185,941	186,704

11. Loss on disposal of property, plant and equipment

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Disposal of property, plant and equipment				
Proceeds from sale	(199)	(237)	(199)	(237)
Carrying amount of assets sold	368	538	366	538
Net Loss on disposal of property, plant and equipment	169	301	167	301

**12. Cash and cash equivalents**

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Cash at bank and on hand	4,011	8,203	3,692	7,952
Deposits at call	223,310	173,966	221,965	172,597
Total cash and cash equivalents	227,321	182,169	225,657	180,549

Cash at bank and on hand

During the year cash at bank and on hand earned an average interest of 0.25% (2018: 0.18%) 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 1.15% and 2.91% (2018: range between 1.90% and 2.91%). These deposits had an average maturity of 308 days (2018: 253 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

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Trade debtors	9,999	11,131	10,040	11,207
Less: Provision for impaired receivables	(295)	(115)	(295)	(115)
	9,704	11,016	9,745	11,092
Student fees	4,154	4,105	4,154	4,105
Less: Provision for impaired receivables	(580)	(622)	(580)	(622)
	3,574	3,483	3,574	3,483
Commonwealth receivables	3,090	2,809	3,090	2,809
Other	3,259	4,539	2,326	3,980
Total receivables	19,627	21,847	18,735	21,364

Trade receivables are non-interest bearing and are generally on terms of 14 to 30 days.



13. Receivables (continued)

(a) Impaired receivables

Movements in the trade debtors provision for impaired receivables are as follows:

	Consolidated	
	2019	2018
	\$'000	\$'000
At 1 January	115	229
Provision for impairment recognised during the year	264	34
Receivables written-off during the year as uncollectible	(7)	(46)
Unused amount reversed and debts collected	(77)	(102)
At 31 December	295	115

Movements in the student fees provision for impaired receivables are as follows:

	Consolidated	
	2019	2018
	\$'000	\$'000
At 1 January	622	617
Provision for impairment recognised during the year	461	527
Receivables written-off during the year as uncollectible	(391)	(398)
Unused amount reversed and debts collected	(112)	(124)
At 31 December	580	622

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.

(b) Foreign exchange and interest rate risk

The carrying amount of the Group's receivables are denominated in Australian Dollars.

(c) Fair value and credit risk

Due to the short-term nature of these receivables, their carrying amount is assumed to approximate their fair value.

**13. Receivables (continued)****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 debtors are 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 other debtors.

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 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 collectively 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

		Consolidated		University	
		2019	2018	2019	2018
	Note	\$'000	\$'000	\$'000	\$'000
Current					
Accrued Income		3,695	6,161	3,695	6,161
Total current other financial assets		3,695	6,161	3,695	6,161
Non-current					
Equity instruments designated at fair value through other comprehensive income		67,143	44,360	61,950	39,282
Shares in subsidiaries	31	-	-	7,262	7,142
Total non-current other financial assets		67,143	44,360	69,212	46,424
Total other financial assets		70,838	50,521	72,907	52,585



15. Other financial assets (continued)

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.

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.

16. Other non-financial assets

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Current				
Prepayments	20,589	18,319	20,554	18,274
Other	31	115	31	115
Total other non-financial assets	20,620	18,434	20,585	18,389



17. Property, plant and equipment

	Capital Works in Progress	Land	Buildings	Plant and equipment	Plant and equipment in progress	Leasehold improvements	Art collection	Library collection	Infrastructure	Subtotal (owned)	Subtotal Right-of-use assets	Total
University	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
At 1 January 2018												
- Cost	272,319	1,135	25,352	98,080	2,524	7,784	36	6,964	1,844	416,038	-	416,038
- Valuation	-	158,810	1,040,014	-	-	-	3,774	15,159	87,500	1,305,257	-	1,305,257
Accumulated depreciation and impairment	-	-	(508,016)	(63,330)	-	(6,084)	-	(9,520)	(47,216)	(634,166)	-	(634,166)
Net book amount	272,319	159,945	557,350	34,750	2,524	1,700	3,810	12,603	42,128	1,087,129	-	1,087,129
Year ended 31 December 2018												
Opening net book amount	272,319	159,945	557,350	34,750	2,524	1,700	3,810	12,603	42,128	1,087,129	-	1,087,129
Additions	45,894	120	955	7,318	2,220	-	-	2,479	-	58,986	-	58,986
Disposals	-	-	-	(356)	-	-	-	(182)	-	(538)	-	(538)
Reclassifications	(313,612)	-	307,885	6,965	(2,531)	172	30	-	1,091	-	-	-
Impairment loss in income	-	-	-	(697)	-	-	-	-	-	(697)	-	(697)
Amortisation / Depreciation charge	-	(107)	(24,854)	(9,829)	-	(499)	-	(2,153)	(1,802)	(39,244)	-	(39,244)
Other changes, movements	(59)	-	-	-	6	-	-	-	-	(53)	-	(53)
Closing net book amount	4,542	159,958	841,336	38,151	2,219	1,373	3,840	12,747	41,417	1,105,583	-	1,105,583
At 31 December 2018												
- Cost	4,542	1,255	334,192	105,845	2,219	7,956	66	9,337	2,936	468,348	-	468,348
- Valuation	-	158,810	1,040,014	-	-	-	3,774	13,459	87,500	1,303,557	-	1,303,557
Accumulated amortisation / depreciation and impairment	-	(107)	(532,870)	(67,694)	-	(6,583)	-	(10,049)	(49,019)	(666,322)	-	(666,322)
Net book amount	4,542	159,958	841,336	38,151	2,219	1,373	3,840	12,747	41,417	1,105,583	-	1,105,583



17. Property, plant and equipment (continued)

	Capital Works in Progress	Land	Buildings	Plant and equipment	Plant and equipment in progress	Leasehold improvements	Art collection	Library collection	Infrastructure	Subtotal (owned)	Subtotal Right-of-use assets	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
University												
Year ended 31 December 2019												
Opening net book amount	4,542	159,958	841,336	38,151	2,219	1,373	3,840	12,747	41,417	1,105,583	-	1,105,583
Adoption of AASB 16	-	-	18,689	853	-	-	-	-	-	-	19,542	19,542
Additions	15,319	-	293	9,402	4,053	-	18	2,542	-	30,899	728	31,627
Disposals	-	-	-	(163)	-	-	-	(203)	-	(366)	-	(366)
Reclassifications	(18,684)	-	10,755	2,839	(2,122)	626	-	-	6,586	-	-	-
Impairment loss in income	-	-	-	(167)	-	-	-	-	-	(167)	-	(167)
Amortisation / Depreciation charge	-	(53)	(28,404)	(10,470)	-	(508)	-	(2,148)	(1,885)	(40,089)	(3,379)	(43,468)
Revaluation	-	24,346	12,616	-	-	-	(35)	-	(42)	36,885	-	36,885
Other changes, movements	(142)	-	-	-	(76)	-	-	-	-	(218)	-	(218)
Closing net book amount	1,035	184,251	855,285	40,445	4,074	1,491	3,823	12,938	46,076	1,132,527	16,891	1,149,418
At 31 December 2019												
- Cost	1,035	-	18,982	112,343	4,074	8,606	-	11,836	100,035	236,641	20,270	256,911
- Valuation	-	184,445	1,437,631	-	-	-	3,823	11,248	-	1,637,147	-	1,637,147
Accumulated amortisation / depreciation and impairment	-	(194)	(601,328)	(71,898)	-	(7,115)	-	(10,146)	(53,959)	(741,261)	(3,379)	(744,640)
Net book amount	1,035	184,251	855,285	40,445	4,074	1,491	3,823	12,938	46,076	1,132,527	16,891	1,149,418



17. Property, plant and equipment (continued)

	Capital Works in Progress	Land	Buildings	Plant and equipment	Plant and equipment in progress	Leasehold improvements	Art collection	Library collection	Infrastructure	Subtotal (owned)	Subtotal Right- of-use assets	Total
Consolidated	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
At 1 January 2018												
- Cost	272,319	1,135	25,352	98,202	2,524	7,784	36	6,964	1,844	416,160	-	416,160
- Valuation	-	158,810	1,040,014	-	-	-	3,774	15,159	87,500	1,305,257	-	1,305,257
Accumulated amortisation / depreciation and impairment	-	-	(508,016)	(63,431)	-	(6,084)	-	(9,520)	(47,216)	(634,267)	-	(634,267)
Net book amount	272,319	159,945	557,350	34,771	2,524	1,700	3,810	12,603	42,128	1,087,150	-	1,087,150
Year ended 31 December 2018												
Opening net book amount	272,319	159,945	557,350	34,771	2,524	1,700	3,810	12,603	42,128	1,087,150	-	1,087,150
Additions	45,894	120	955	7,326	2,220	-	-	2,479	-	58,994	-	58,994
Disposals	-	-	-	(356)	-	-	-	(182)	-	(538)	-	(538)
Reclassifications	(313,612)	-	307,885	6,965	(2,531)	172	30	-	1,091	-	-	-
Impairment loss in income	-	-	-	(697)	-	-	-	-	-	(697)	-	(697)
Amortisation / Depreciation charge	-	(107)	(24,854)	(9,845)	-	(499)	-	(2,153)	(1,802)	(39,260)	-	(39,260)
Other changes	(59)	-	-	-	6	-	-	-	-	(53)	-	(53)
Closing net book amount	4,542	159,958	841,336	38,164	2,219	1,373	3,840	12,747	41,417	1,105,596	-	1,105,596
At 31 December 2018												
- Cost	4,542	1,255	334,192	105,976	2,219	7,956	66	9,337	2,936	468,479	-	468,479
- Valuation	-	158,810	1,040,014	-	-	-	3,774	13,459	87,500	1,303,557	-	1,303,557
Accumulated amortisation / depreciation and impairment	-	(107)	(532,870)	(67,812)	-	(6,583)	-	(10,049)	(49,019)	(666,440)	-	(666,440)
Net book amount	4,542	159,958	841,336	38,164	2,219	1,373	3,840	12,747	41,417	1,105,596	-	1,105,596


17. Property, plant and equipment (continued)

	Capital Works in Progress	Land	Buildings	Plant and equipment	Plant and equipment in progress	Leasehold improvements	Art collection	Library collection	Infrastructure	Subtotal (owned)	Subtotal Right- of-use assets	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Consolidated Year ended 31 December 2019												
Opening net book amount	4,542	159,958	841,336	38,164	2,219	1,373	3,840	12,747	41,417	1,105,596	-	1,105,596
Adoption of AASB 16	-	-	18,689	853	-	-	-	-	-	-	19,542	19,542
Additions	15,319	-	293	9,437	4,053	-	18	2,542	-	30,934	728	31,662
Disposals	-	-	-	(165)	-	-	-	(203)	-	(368)	-	(368)
Reclassifications	(18,684)	-	10,755	2,839	(2,122)	626	-	-	6,586	-	-	-
Impairment loss in income	-	-	-	(167)	-	-	-	-	-	(167)	-	(167)
Amortisation / Depreciation charge	-	(53)	(28,404)	(10,478)	-	(508)	-	(2,148)	(1,885)	(40,097)	(3,379)	(43,476)
Revaluation	-	24,346	12,616	-	-	-	(35)	-	(42)	36,885	-	36,885
Other changes, movements	(142)	-	-	-	(76)	-	-	-	-	(218)	-	(218)
Closing net book amount	1,035	184,251	855,285	40,483	4,074	1,491	3,823	12,938	46,076	1,132,565	16,891	1,149,456
At 31 December 2019												
- Cost	1,035	-	18,982	112,505	4,074	8,606	-	11,836	100,035	236,803	20,270	257,073
- Valuation	-	184,445	1,437,631	-	-	-	3,823	11,248	-	1,637,147	-	1,637,147
Accumulated amortisation / depreciation and impairment	-	(194)	(601,328)	(72,022)	-	(7,115)	-	(10,146)	(53,959)	(741,385)	(3,379)	(744,764)
Net book amount	1,035	184,251	855,285	40,483	4,074	1,491	3,823	12,938	46,076	1,132,565	16,891	1,149,456



17. 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. Refer to Note 37(c) 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 \$66.17 million (2018: \$50.00 million) of Crown Lands and \$5.72 million (2018: \$5.18 million) 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.

**17. Property, plant and equipment (continued)****Accounting Policy (continued)****Depreciation**

Land, 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.

Assets class	Useful Life
Property:	
Buildings	30 - 160 years
Infrastructure	25 - 50 years
Leasehold improvements	Lease term
Library collection:	
Books	10 years
Journals	10 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 - 9 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.

17. Property, plant and equipment (continued)

(a) Right-of-use assets

Information about leases where University of South Australia is a lessee is presented below:

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Right-of-use assets				
Buildings				
Adoption of AASB 16 (1 January 2019)	18,689	-	18,689	-
Additions of right-of-use assets	293	-	293	-
Depreciation charge	(2,644)	-	(2,644)	-
At 31 December 2019	16,338	-	16,338	-
Plant and Equipment				
Adoption of AASB 16 (1 January 2019)	853	-	853	-
Additions of right-of-use assets	435	-	435	-
Depreciation charge	(735)	-	(735)	-
At 31 December 2019	553	-	553	-
Total right-of-use assets	16,891	-	16,891	-

Accounting Policy

Policy applicable from 1 January 2019

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.


17. 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 for property, plant and equipment in Note 17.

18. Intangible assets

	Intangibles in progress	Other intangible assets	Total
	\$'000	\$'000	\$'000
University			
At 1 January 2018			
Cost	3,600	12,091	15,691
Accumulated amortisation and impairment	-	(10,309)	(10,309)
Net book amount	3,600	1,782	5,382
Year ended 31 December 2018			
Opening net book amount	3,600	1,782	5,382
Additions	1,870	-	1,870
Reclassifications	(5,053)	5,053	-
Amortisation	-	(1,503)	(1,503)
Other changes, movements	(138)	(237)	(375)
Closing net book amount	279	5,095	5,374
At 31 December 2018			
Cost	279	16,907	17,186
Accumulated amortisation and impairment	-	(11,812)	(11,812)
Net book amount	279	5,095	5,374
Year ended 31 December 2019			
Opening net book amount	279	5,095	5,374
Additions	35	-	35
Impairment losses	-	(8)	(8)
Reclassifications	(314)	314	-
Amortisation	-	(1,379)	(1,379)
Closing net book amount	-	4,022	4,022
At 31 December 2019			
Cost	-	17,221	17,221
Accumulated amortisation and impairment	-	(13,199)	(13,199)
Net book amount	-	4,022	4,022

**18. Intangible assets (continued)**

	Intangibles in progress \$'000	Other intangible assets \$'000	Total \$'000
Consolidated			
At 1 January 2018			
Cost	3,600	12,091	15,691
Accumulated amortisation and impairment	-	(10,309)	(10,309)
Net book amount	3,600	1,782	5,382
Year ended 31 December 2018			
Opening net book amount	3,600	1,782	5,382
Additions	1,870	-	1,870
Reclassifications	(5,053)	5,053	-
Amortisation	-	(1,503)	(1,503)
Other changes, movements	(138)	(237)	(375)
Closing net book amount	279	5,095	5,374
At 31 December 2018			
Cost	279	16,907	17,186
Accumulated amortisation and impairment	-	(11,812)	(11,812)
Net book amount	279	5,095	5,374
Year ended 31 December 2019			
Opening net book amount	279	5,095	5,374
Additions	35	-	35
Impairment losses	-	(8)	(8)
Reclassifications	(314)	314	-
Amortisation	-	(1,379)	(1,379)
Closing net book amount	-	4,022	4,022
At 31 December 2019			
Cost	-	17,221	17,221
Accumulated amortisation and impairment	-	(13,199)	(13,199)
Net book amount	-	4,022	4,022

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.

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.


19. Payables

		Consolidated		University	
		2019	2018	2019	2018
	Note	\$'000	\$'000	\$'000	\$'000
Current					
Trade creditors*		19,535	24,292	19,796	24,614
Accrued salaries		8,122	6,805	8,111	6,805
Provision for Restructuring		3,560	-	3,560	-
OS-HELP liability to Australian Government	38(g)	3	1,504	3	1,504
Total current payables		31,220	32,601	31,470	32,923
Non-current					
Total payables		31,220	32,601	31,470	32,923

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.

**20. Borrowings**

The University does not hold any borrowings.

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Current				
Lease liabilities	2,610	-	2,610	-
Total current borrowings	2,610	-	2,610	-
Non-Current				
Lease liabilities	14,840	-	14,840	-
Total non-current borrowings	14,840	-	14,840	-
Total borrowings	17,450	-	17,450	-

Financing arrangements

Unrestricted access was available at reporting date to the following lines of credit:

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Credit standby arrangements				
Total facilities				
Credit card facility	3,000	3,000	3,000	3,000
Documentary letter of credit facility	200	200	200	200
Bank guarantee	5,100	5,100	5,100	5,100
Overseas bills purchased facility	1,000	1,000	1,000	1,000
Total credit standby arrangements	9,300	9,300	9,300	9,300
Used at balance date				
Credit card facility	8	1	8	1
Documentary letter of credit facility	-	-	-	-
Bank guarantee	1,600	1,600	1,600	1,600
Overseas bills purchased facility	-	-	-	-
Total used at balance date	1,608	1,601	1,608	1,601
Unused at balance date				
Credit card facility	2,992	2,999	2,992	2,999
Documentary letter of credit facility	200	200	200	200
Bank guarantee	3,500	3,500	3,500	3,500
Overseas bills purchased facility	1,000	1,000	1,000	1,000
Total unused at balance date	7,692	7,699	7,692	7,699



20. Borrowings (continued)

Financing arrangements (continued)

Amounts recognised in the statement of comprehensive income

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Interest on lease liabilities	730	-	730	-
	730	-	730	-

Maturity analysis - undiscounted contractual cash flows

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Less than one year	3,223	-	3,223	-
One to five years	10,002	-	10,002	-
More than 5 years	7,247	-	7,247	-
Total undiscounted contractual cash flows	20,472	-	20,472	-
Lease liabilities recognised in the statement of financial position	17,450	-	17,450	-
Split Between:				
Current	2,610	-	2,610	-
Non-current	14,840	-	14,840	-

Amounts recognised in statement of cash flows

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Total cash outflow for leases	3,576	-	3,576	-



21. Provisions

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Current provisions expected to be settled within 12 months				
Annual leave*	19,179	19,151	19,094	19,081
Long service leave**	8,943	8,368	8,869	8,202
Workers' compensation liability	511	469	511	469
	28,633	27,988	28,474	27,752
Current provisions expected to be settled after more than 12 months				
Annual leave*	9,187	9,615	9,187	9,615
Long service leave**	41,272	35,839	41,272	35,839
	50,459	45,454	50,459	45,454
Total current provisions	79,092	73,442	78,933	73,206
Non-current				
Long service leave**	17,069	14,879	17,069	14,879
Workers' compensation liability	770	453	770	453
Total non-current provisions	17,839	15,332	17,839	15,332
Total provisions	96,931	88,774	96,772	88,538

Movements in the Workers' compensation liability are set out below:

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Carrying amount at start of year	922	931	922	931
Additional provisions recognised	725	291	725	291
Amounts used	(403)	(209)	(403)	(209)
Unused amounts reversed	-	(107)	-	(107)
Increase / (decrease) in discounted amount	37	16	37	16
Carrying amount at end of year	1,281	922	1,281	922



21. 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 2019 by Bruce Watson FIA, 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 have been calculated at the amounts expected to be paid when liabilities are settled. Where the employees' entitlement to annual leave are 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 2019 by Bruce Watson FIA, 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.

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 2019 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.


22. Contract liabilities

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Current				
Commonwealth and State Government grants	30,661	-	30,661	-
Income in Advance on incomplete projects	17,240	-	17,240	-
Student fees and charges in advance	19,725	-	19,725	-
Other	2,868	-	2,868	-
Total current contract liabilities	70,494	-	70,494	-

Accounting Policy

Commonwealth and State Government Grants represents Australian Government Grants received and represents funding received but not spent as detailed in Note 1(g) accounting policy.

Income in advance on incomplete projects represents grants and contracts received from other sources and represents the amounts received but not spent.

23. Other liabilities

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Current				
Funds held on behalf of external entities	3,575	3,383	3,405	3,165
Commonwealth and State Government unspent financial assistance	1,987	27,697	1,987	27,697
Income in advance on incomplete projects	-	4,362	-	4,362
Student fees and charges in advance	2,426	17,808	2,426	17,808
Other	5,002	543	5,008	549
Total other liabilities	12,990	53,793	12,826	53,581

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.

Income in advance on incomplete projects represents reciprocal grants and contracts received from other sources and represents the amounts received but not spent.


24. Reserves

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Property, plant and equipment revaluation surplus				
Land, Buildings and Infrastructure	263,150	226,230	263,150	226,230
Art collection	1,382	1,417	1,382	1,417
	264,532	227,647	264,532	227,647
Equity instruments designated at fair value through other comprehensive income	48,557	27,783	48,557	27,783
Total reserves	313,089	255,430	313,089	255,430

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.

25. Key management personnel disclosures
(a) Names of responsible persons

The following persons were responsible persons of the University during the 2019 year. Council members include University employees who may be ex-officio members or elected staff members.

2019 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 QC
 Ms Nida Baig
 Ms Grace Dixon
 Mr Eric Granger
 Ms Karen Hunt
 Professor Caroline McMillen
 Ms Mary Patetsos
 Ms Miriam Silva
 Mr Ian Smith
 Associate Professor Deirdre Tedmanson
 Professor Vicki Waye
 Mr Jim Whalley



25. Key management personnel disclosures (continued)

(a) Names of responsible persons (continued)

2019 University Senior Management

Professor David Lloyd, Vice Chancellor and President
 Mr Paul Beard
 Professor Simon Beecham
 Ms Jane Booth
 Dr Laura-Anne Bull (until 31 January 2019)
 Professor Joanne Cys
 Professor Roger Eston (commenced 1 February 2019)
 Professor Allan Evans
 Professor Carol Grech (commenced 14 January 2019)
 Professor Julie Mills (commenced 15 April 2019)
 Professor Tanya Monro (until 8 March 2019)
 Mr Nigel Relph (until 31 March 2019)
 Professor Irene Watson
 Professor Marie Wilson

(b) Remuneration of key management personnel

	Consolidated		University	
	2019	2018	2019	2018
	Number	Number	Number	Number
Remuneration of Council members				
Nil	4	4	4	4
\$1 to \$9,999	-	1	-	1
\$10,000 to \$19,999	8	8	8	8
\$20,000 to \$29,999	1	1	1	1
\$30,000 to \$39,999	2	1	2	1
\$40,000 to \$49,999	-	1	-	1
\$70,000 to \$79,999	1	-	1	-
	16	16	16	16

Remuneration received and receivable by Council members for their services as Council members was \$298,685 (2018: \$198,925). The total remuneration received and receivable by Council members in their position as Council members and as Directors of subsidiary companies was \$298,685 (2018: \$198,925).


25. Key management personnel disclosures (continued)
(b) Remuneration of key management personnel (continued)

	Consolidated		University	
	2019	2018	2019	2018
	Number	Number	Number	Number
Remuneration of executive officers				
\$120,000 to \$129,999	1	-	1	-
\$170,000 to \$179,999	-	1	-	1
\$240,000 to \$249,999	1	-	1	-
\$260,000 to \$269,999	1	-	1	-
\$290,000 to \$299,999	1	-	1	-
\$320,000 to \$329,999	1	-	1	-
\$330,000 to \$339,999	-	1	-	1
\$350,000 to \$359,999	2	-	2	-
\$380,000 to \$389,999	-	2	-	2
\$390,000 to \$399,999	-	2	-	2
\$400,000 to \$409,999	1	1	1	1
\$410,000 to \$419,999	1	-	1	-
\$420,000 to \$429,999	-	1	-	1
\$430,000 to \$439,999	1	-	1	-
\$480,000 to \$489,999	1	-	1	-
\$510,000 to \$519,999	-	1	-	1
\$650,000 to \$659,999	-	1	-	1
\$670,000 to \$679,999	1	1	1	1
\$680,000 to \$689,999	1	-	1	-
\$1,090,000 to \$1,099,999	-	1	-	1
\$1,180,000 to \$1,189,999	1	-	1	-
	14	12	14	12

Executive officers are defined as the Vice Chancellor and President and the University's Senior Management Group. 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

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Short-term employee benefits	5,621	5,216	5,621	5,216
Post-employment benefits	453	633	453	633
Other long-term benefits	161	-	161	-
Total executive officers' compensation	6,235	5,849	6,235	5,849



25. Key management personnel disclosures (continued)

(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. In 2018 \$1.00 million was received by the University from the Neurosurgical Research Foundation Inc. (NRF) of which a Senior Management member was the President.

26. 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:

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Audit the Financial Statements				
Fees paid to Auditor-General's Department	282	276	282	276
Fees paid to BDO Australia Ltd	14	18	-	-
Total paid for audit	296	294	282	276

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 2019 were \$0.28m (2018: \$0.28m).

27. Contingencies

The University has no material contingent liabilities or assets.

**28. Commitments****(a) Capital commitments**

Capital expenditure contracted for at the reporting date but not recognised as liabilities is as follows:

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Property, plant and equipment:				
Within one year	6,804	8,814	6,804	8,814
Total Property, plant and equipment commitments	6,804	8,814	6,804	8,814

(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	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Within one year	15,346	8,975	18,444	12,028
Between one and five years	19,749	4,706	19,749	7,804
Later than five years	950	425	950	425
Total other expenditure commitments	36,045	14,106	39,143	20,257

Other expenditure commitments includes material commitments arising contributions to Co-operative Research Centres (CRC), cleaning and security. The Consolidated other expenditure commitments eliminates \$3.10 million of commitments between the University and its subsidiaries for Service Level Agreements (2018: \$6.20 million).



29. 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 31.

(c) Key management personnel

Disclosures relating to directors and specified executives are set out in note 25.

(d) Transactions with related parties

The following transactions occurred during the reporting period with related parties:

	2019	2018
	\$'000	\$'000
Fees paid to subsidiaries for the provision of services under agreement	3,050	2,860



30. 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 2019 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 9.5% for 2019.

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 2019 the assets of the DBD aggregate (i.e. entire multi-employer DBD plan) were estimated to be:

- \$5,643 million above (2018: \$3,785 million in excess) vested benefits, after allowing for various reserves. The Vested Benefits Index based on funding assumption was 125.4%. 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.
- \$7,301 million above (2018: \$5,477 million in excess) accrued benefits, after allowing for various reserves. The Accrued Benefits Index based on best estimate assumptions was 135.5%. 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.



30. 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 2019. The financial assumptions used were:

	Vested Benefits	Accrued Benefits
Gross of tax investment return - DBD pensions	4.8% p.a.	6.1% p.a.
Gross of tax investment return - commercial rate indexed pensions	2.4% p.a.	2.4% p.a.
Net of tax investment return - non pensioner members	4.3% p.a.	5.5% p.a.
Consumer Price Index	2.0% p.a.	2.0% p.a.
Inflationary salary increases - For the next 3 years	2.75% p a	2.75% p a
Inflationary salary increases - Beyond 3 years	3.0% p.a.	3.0% 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 Brett & Watson Pty. Ltd. as at 31 December 2019. The actuarial valuation was based on 30 June 2019 membership data which was projected to 31 December 2019 using the Projected Unit Credit Method. The University's present value of the defined benefit obligations was assessed to be \$480.86 million (2018: \$459.82 million).

The University's liability under the scheme has been partly funded by assets of \$54.40 million (2018: \$47.96 million) from 3% productivity employer contributions. This results in an unfunded liability of \$426.46 million (2018: \$411.86 million).



30. Superannuation plans (continued)

(c) Super SA Superannuation plan (continued)

The weighted average duration of the defined benefit obligation is 11.60 years (2018: 12.03 years). The expected maturity analysis of undisclosed benefit obligations is as follows:

	Less than 1 year	Between 1 and 2 years	Between 2 and 5 years	More than 5 years	Total
	\$'000	\$'000	\$'000	\$'000	\$'000
Defined Benefit obligation - 31 Dec 2019	30,173	29,374	85,858	429,814	575,219
Defined Benefit obligation - 31 Dec 2018	30,493	29,673	87,957	465,041	613,164

The analysis of the plan assets and the expected rate of return at the balance sheet date is as follows:

	2019 (%)		2018 (%)	
	Active Market	No Active Market	Active Market	No Active Market
Equity instruments	51.3	0.0	53.6	0.0
Property	2.8	14.4	2.4	13.9
Diversified Strategies Growth	0.0	16.6	0.7	13.2
Diversified Strategies Income	13.4	0.0	14.4	0.0
Inflation Linked Securities	0.0	0.0	0.7	0.2
Cash	1.5	0.0	0.9	0.0
Total	69.0	31.0	72.7	27.3



30. Superannuation plans (continued)

(d) Amounts recognised in the Statement of Financial Position

	University	
	2019	2018
	\$'000	\$'000
Reconciliation of the present value of the defined benefit obligation		
Present value of defined benefit obligation at beginning of year	459,817	463,115
Current service cost	146	207
Interest cost	10,670	12,534
Actuarial (gain) / loss		
(b) Impact of changes in financial assumptions	46,092	17,954
(c) Experience items	(6,536)	(4,342)
Benefits and expenses paid	(29,329)	(29,652)
Present value of defined benefits obligations at end of year	480,860	459,816
Reconciliation of the fair value of the defined benefit plan assets		
Fair value of Scheme assets at start of year	47,959	47,173
Interest income	1,166	1,309
Actual return on assets less Interest income	5,256	(549)
Employer contributions	29,352	29,678
Benefits and expenses paid	(29,329)	(29,652)
Fair value of Scheme assets at end of year	54,404	47,959
Net Liability		
Defined Benefit Obligation	480,860	459,816
Less: Fair value of plan assets	(54,404)	(47,959)
Net Liability	426,456	411,857
Defined Benefit Provision		
Current	30,200	30,493
Non-current	396,256	381,364
Total Defined Benefit Provision	426,456	411,857

The net unfunded amount of \$426.46 million (2018: \$411.90 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.

**30. 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 Brett & Watson Pty. Ltd in determining the University's liability were:

- Long term rate of increase in the Consumer Price Index (CPI) 2.5% per annum (2018 2.5%)
- Salary increases 4.0% per annum (2018 4.0%)
- Discount Rate 1.4% per annum (2018 2.4%)

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 5.0%	0.5%	Increase by 5.4%
Pension increase rate	0.5%	Increase by 5.6%	0.5%	Decrease by 5.2%
Mortality rate	10.0%	Decrease by 3.6%	10.0%	Increase by 4.1%

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 or the University of South Australia. The net expense is nil as the defined benefit plans are fully funded.



31. Subsidiaries

The consolidated financial statements incorporate the assets, liabilities and results of the following subsidiaries in accordance with the accounting policy included in Note 17 Other financial assets:

Name of Entity	Principal Activities	Principal place of business	Ownership interest	
			2019 %	2018 %
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

32. 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.

33. 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 2019:50% (2018:50%)) and Mawson Centre Building (Ownership Interest 2019:63% (2018:63%)).

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 are eResearch SA (Ownership Interest 2019: nil (2018:33%)) and South Australian Tertiary Admissions Centre Ltd (Ownership Interest 2019:20% (2018:20%)).

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.



34. Events occurring after the balance sheet date

Since 31 December 2019 the Australian Government has implemented travel restrictions and other measures to manage the risks from the spread of the coronavirus (COVID-19) which will impact student revenue.

The pandemic has also impacted investment markets and interest rates, which affect the measurement of a range of the University's assets, including investments in equity instruments designated at fair value through other comprehensive income and also actuarially assessed liabilities including superannuation, long service leave, and workers' compensation provisions.

It is anticipated that, should these factors continue during 2020, they have the potential to significantly impact the University's financial position and operating result for the 2020 year.

35. Reconciliation of operating results after income tax to net cash flows from operating activities

	Consolidated		University	
	2019	2018	2019	2018
	\$'000	\$'000	\$'000	\$'000
Operating result for the period	21,536	19,504	21,129	19,406
Add / (less) non-cash items:				
Depreciation and amortisation	44,855	40,763	44,847	40,747
Non-cash donations	(62)	(346)	(62)	(346)
Net (gain) / loss on sale of property, plant and equipment	169	301	169	301
Impairment of property, plant and equipment	175	697	175	697
Property, plant and equipment in progress adjustments	457	428	453	428
Adoption of AASB 15 and 1058	(25,222)	-	(25,222)	-
Changes in operating assets and liabilities:				
(Increase) / decrease in receivables	2,220	1,303	2,629	1,401
(Increase) / decrease in other assets	246	(240)	270	(243)
Increase / (decrease) in payables and tax liabilities	(1,208)	4,324	(1,424)	4,206
Increase / (decrease) in provisions	8,157	2,445	8,234	2,407
Increase / (decrease) in other liabilities	29,692	(2,205)	29,740	(2,157)
Net cash provided by / (used in) operating activities	81,015	66,974	80,938	66,847



36. 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 2019 the University held MYR 0 million (AUD 0 million) (2018: MYR0.14 million (AUD\$0.05 million)) as the MYR currency account was closed.

As at 31 December 2019 the University held USD\$4.91 million (AUD\$7.01 million) (2018: USD\$4.91 million (AUD\$6.96 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.



36. 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 is an interest earning financial asset and due to mature in less than a year.

37. Fair value measurement

(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:

- Equity instruments designated at fair value through other comprehensive income
- 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)

**37. Fair value measurement (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 2019.

Fair value measurements

	Note	2019 \$'000	Level 1 \$'000	Level 2 \$'000	Level 3 \$'000
Recurring fair value measurements at 31 Dec 2019					
Financial assets					
Equity instruments designated at fair value through other comprehensive income	15	67,143	20,215	41,735	5,193
Total financial assets		67,143	20,215	41,735	5,193
Non-financial assets					
Land and buildings	17				
Land		184,251	-	184,251	-
Buildings		838,947	-	15,288	823,659
Infrastructure		46,076	-	-	46,076
Non-financial assets	17				
Art collection		3,823	-	-	3,823
Total non-financial assets		1,073,097	-	199,539	873,558
Recurring fair value measurements at 31 Dec 2018					
Financial assets					
Equity instruments designated at fair value through other comprehensive income	15	44,360	14,614	24,668	5,078
Total financial assets		44,360	14,614	24,668	5,078
Non-financial assets					
Land and buildings	17				
Land		159,958	-	159,958	-
Buildings		841,336	-	11,000	830,336
Infrastructure		41,417	-	-	41,417
Other non-financial assets	17				
Art collection		3,840	-	-	3,840
Total non-financial assets		1,046,551	-	170,958	875,593

There were no transfers between Levels 1 and 2 for recurring fair value measurements during the year. Certain buildings were transferred to Level 2 from Level 3 as a result of the 31 December 2019 revaluation

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.



37. Fair value measurement (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 2019, the fair values of Land, Buildings and Infrastructure have been determined by Opteon Pty Ltd. One of the University's buildings, partly damaged by fire in 2016 and now vacant, has been written off as a result of Opteon Pty Ltd determination of the building's fair value as at 31 December 2019.

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. 11 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 considering current sales and auctions of works by the same artist and/or similar genre. The collection was valued at 31 December 2019.

**37. Fair value measurement (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 2019 and 2018.

Level 3 Fair Value Measurement 2019	Unlisted equity securities \$'000	Buildings \$'000	Infrastructure \$'000	Art collection \$'000	Total \$'000
Opening balance	5,078	825,492	41,417	3,840	875,827
Additions	382	10,078	6,586	18	17,064
Disposals	(15)	-	-	-	(15)
Recognised in profit or loss	-	(25,651)	(1,885)	-	(27,536)
Recognised in other comprehensive income	(252)	13,740	(42)	(35)	13,411
Closing balance	5,193	823,659	46,076	3,823	878,751

Level 3 Fair Value Measurement 2018	Unlisted equity securities \$'000	Buildings \$'000	Infrastructure \$'000	Art Collection \$'000	Total \$'000
Opening balance	1,970	543,138	42,128	3,810	591,046
Additions	177	307,112	1,091	30	308,410
Recognised in profit or loss	-	(24,758)	(1,802)	-	(26,560)
Recognised in other comprehensive income	2,931	-	-	-	2,931
Closing balance	5,078	825,492	41,417	3,840	875,827

(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.

**37. Fair value measurement (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.

Description	Fair value at 31 December 2019 \$'000	Unobservable inputs	Range of inputs (probability weighted average)	Relationship of unobservable inputs to fair value
Unlisted equity securities	5,193	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.



38. Acquittal of Australian Government financial assistance

(a) Education - CGS and other Education grants

	Note	Commonwealth Grants Scheme		Higher Education Participation Funding		Promotion of Excellence in Learning and Teaching		Disability Performance Funding	
		2019	2018	2019	2018	2019	2018	2019	2018
		\$'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)		184,232	180,486	5,269	5,329	65	-	96	92
Net accrual adjustments		(53)	3,466	-	154	65	139	-	-
Revenue for the period	2	184,179	183,952	5,269	5,483	130	139	96	92
Movement in deferred income		-	-	-	(154)	(65)	(139)	-	-
Surplus / (deficit) from the previous year		-	-	-	154	131	292	-	-
Total revenue including accrued revenue		184,179	183,952	5,269	5,483	196	292	96	92
Less expenses including accrued expenses		(184,179)	(183,952)	(5,269)	(5,483)	(134)	(161)	(96)	(92)
Surplus / (deficit) for reporting period		-	-	-	-	62	131	-	-



38. Acquittal of Australian Government financial assistance (continued)

(a) Education - CGS and other Education grants (continued)

	Australian Maths & Science Partnership Program		Indigenous Student Success Program		Total	
	2019	2018	2019	2018	2019	2018
	\$'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)	-	(15)	1,592	1,779	191,254	187,671
Net accrual adjustments	-	269	(176)	-	(164)	4,028
Revenue for the period	-	254	1,416	1,779	191,090	191,699
Movement in deferred income	-	(269)	176	-	111	(562)
Surplus / (deficit) from the previous year	-	269	102	12	233	727
Total revenue including accrued revenue	-	254	1,694	1,791	191,434	191,864
Less expenses including accrued expenses	-	(254)	(1,518)	(1,689)	(191,196)	(191,631)
Surplus / (deficit) for reporting period	-	-	176	102	238	233



38. Acquittal 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	
	2019	2018	2019	2018	2019	2018	2019	2018
Note	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Cash Payable / (Receivable) at the beginning of the year	(477)	(701)	585	37	(116)	68	(8)	(596)
Financial assistance received in cash during the reporting period	138,796	129,402	8,283	8,938	3,768	3,247	150,847	141,587
Cash available for the period	138,319	128,701	8,868	8,975	3,652	3,315	150,839	140,991
Revenue earned	138,192	129,178	7,875	8,390	3,674	3,431	149,741	140,999
Cash Payable / (Receivable) at the end of the year	127	(477)	993	585	(22)	(116)	1,098	(8)



38. Acquittal of Australian Government financial assistance (continued)

(c) Department of Education and Research

	Note	Research Training Program		Research Support Program		Total	
		2019	2018	2019	2018	2019	2018
		\$'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)		19,635	19,765	16,000	15,351	35,635	35,116
Revenue for the period	2	19,635	19,765	16,000	15,351	35,635	35,116
Surplus / (deficit) from the previous year		2,094	2,798	-	5	2,094	2,803
Total revenue including accrued revenue		21,729	22,563	16,000	15,356	37,729	37,919
Less expenses including accrued expenses		(19,740)	(20,469)	(16,000)	(15,356)	(35,740)	(35,825)
Surplus / (deficit) for reporting period		1,989	2,094	-	-	1,989	2,094

The reported surpluses for Research Training Program (RTP) of \$1.99 million for 2019 (2018: \$2.09 million) are expected to be rolled over for future use by the University.

**38. Acquittal of Australian Government financial assistance (continued)****(d) Total Higher Education Provider Research Training Program expenditure**

	Total domestic students	Total overseas students
	\$'000	\$'000
Research Training Program fees offsets	13,286	-
Research Training Program stipends	5,106	1,188
Research Training Program allowances	3	157
Total for all types of support	18,395	1,345

(e) Other capital funding

	Linkage Infrastructure, Equipment and Facilities Scheme		Total	
	2019	2018	2019	2018
Note	\$'000	\$'000	\$'000	\$'000
Financial assistance received in cash during the reporting period (total cash received from the Australian Government for the program)	-	-	-	-
Net accrual adjustments	154	37	154	37
Revenue for the period	154	37	154	37
Movement in deferred income	(39)	62	(39)	62
Surplus / (deficit) from the previous year	75	13	75	13
Total revenue including accrued revenue	190	112	190	112
Less expenses including accrued expenses	(154)	(37)	(154)	(37)
Surplus / (deficit) for reporting period	36	75	36	75



38. Acquittal of Australian Government financial assistance (continued)

(f) Australian Research Council Grants

Note	Discovery		Linkages		Networks and Centres		Special Research Initiatives		Total	
	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018
	\$'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)	3,783	3,708	680	981	-	-	178	-	4,641	4,689
Net accrual adjustments	(299)	860	833	1,022	430	217	(178)	-	786	2,099
Revenue for the period	3,484	4,568	1,513	2,003	430	217	-	-	5,427	6,788
Movement in deferred income	661	(815)	5	(544)	(106)	73	178	-	738	(1,286)
Surplus / (deficit) from the previous year	2,634	3,450	1,862	2,406	261	188	-	-	4,757	6,044
Total revenue including accrued revenue	6,779	7,203	3,380	3,865	585	478	178	-	10,922	11,546
Less expenses including accrued expenses	(3,484)	(4,569)	(1,507)	(2,003)	(430)	(217)	-	-	(5,421)	(6,789)
Surplus / (deficit) for reporting period	3,295	2,634	1,873	1,862	155	261	178	-	5,501	4,757

**38. Acquittal of Australian Government financial assistance (continued)****(g) OS-HELP**

	2019	2018
	\$'000	\$'000
Cash received during the reporting period	897	2,264
Cash spent during the reporting period	(2,398)	(1,940)
Net cash received	(1,501)	324
Cash surplus / (deficit) from the previous period	1,504	1,180
Cash surplus for the reporting period	3	1,504

19

(h) Superannuation Supplementation

	2019	2018
	\$'000	\$'000
Cash received during the reporting period	28,246	26,601
Cash available	28,246	26,601
Cash surplus / (deficit) from the previous period	1,207	3,218
Cash available for current period	29,453	29,819
Contributions to specified defined benefit funds	(30,333)	(28,612)
Cash surplus for the reporting period	(880)	1,207

(i) Student services and amenities fee

	2019	2018
	\$'000	\$'000
Unspent / (overspent) revenue from previous period	270	253
SA-HELP revenue earned	3,674	3,431
Student services fees direct from students	1,276	1,317
Total revenue expendable in period	5,220	5,001
Student services expenses during period	(4,929)	(4,731)
Unspent student services revenue	291	270

Note

4



CERTIFICATE
FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2019

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, except to the extent noted in the Accounting Policy in Note 1(g); and
 - present a true and fair view of the financial position of the University as at 31 December 2019 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

Mr Peter Prest
Chief Financial Officer

12 May 2020



Level 9
State Administration Centre
200 Victoria Square
Adelaide SA 5000
DX 56208
Victoria Square
Tel +618 8226 9640
Fax +618 8226 9688
ABN 53 327 061 410
audgensa@audit.sa.gov.au
www.audit.sa.gov.au

To the Chancellor University of South Australia

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 the consolidated entity comprising the University of South Australia and its controlled entities for the financial year ended 31 December 2019.

Qualified opinion

In my opinion, except for the effects of the matter described in the 'Basis for qualified opinion' section of my report, the accompanying financial report has been prepared in accordance with the 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 2019, 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 Regulation 2013.

The consolidated financial report comprises:

- a Statement of Comprehensive Income for the year ended 31 December 2019
- a Statement of Financial Position as at 31 December 2019
- a Statement of Changes in Equity for the year ended 31 December 2019
- a Statement of Cash Flows for the year ended 31 December 2019
- notes, comprising significant accounting policies and other explanatory information.

Basis for qualified opinion

For the year ended 31 December 2018 the University and its controlled entities recognised \$30.2 million of unspent funding as a liability. These amounts were accounted for as income received in advance and included in 'Other Liabilities – Commonwealth and State Government Grants', 'Other Liabilities – Income in advance on incomplete projects' and 'Other Liabilities – Other' in the financial report.

The funds represented contributions and met the recognition criteria of income in accordance with Accounting Standard AASB 1004 *Contributions*. The University controlled these funds upon receipt and it was highly probable that any unspent funds would be spent in accordance with stipulated conditions. It was highly unlikely that unspent funds would need to be repaid to the granting bodies and as such funds should have been recognised as income at the time of receipt.

As a result, the following was misstated in the 2018 financial report:

- Other liabilities was overstated by \$30.2 million
- Closing retained earnings was understated by \$30.2 million.

As stated in Note 1(f) of the financial report, new accounting standards AASB 15 *Revenue from Contracts with Customers* and AASB 1058 *Income of Not-for-Profit Entities* were adopted using a modified retrospective method of transition, with an initial application date of 1 January 2019. As a result, the amounts reported for the period ending 31 December 2019 are materially correct.

Because the modified retrospective method of transition was adopted, comparative figures for 2018 have not been restated. Accordingly, our opinion on the current period's financial report remains modified.

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 financial report' section of my report. I am independent of the University of South Australia. 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* have been met.

I believe that the audit evidence obtained is sufficient and appropriate to provide a basis for my qualified 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 the 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 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 that is free from material misstatement, whether due to fraud or error.

The Council is responsible for overseeing the University of South Australia's financial reporting process.

Auditor's responsibilities for the audit of the financial report

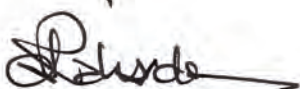
My objectives are to obtain reasonable assurance about whether the financial report as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an 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 entity'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
- 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.

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 Richardson


Auditor-General


18 May 2020




**University of
South Australia**

unisa.edu.au

 youtube.com/unisouthaustralia

 facebook.com/UniSA

 twitter.com/UniversitySA

 instagram.com/universitysa

The information provided in this publication is for general information only, and the University of South Australia makes no representation about the content, suitability, accuracy or completeness of this information for any purpose. It is provided "as is" without express or implied warranty.

Information correct at time of printing (June 2020)

CRICOS provider number 00121B

For information specific to international students, please visit unisa.edu.au/international

This publication printed by

Print Junction
...WHERE DESIGN MEETS PRINT



Australia's University of Enterprise