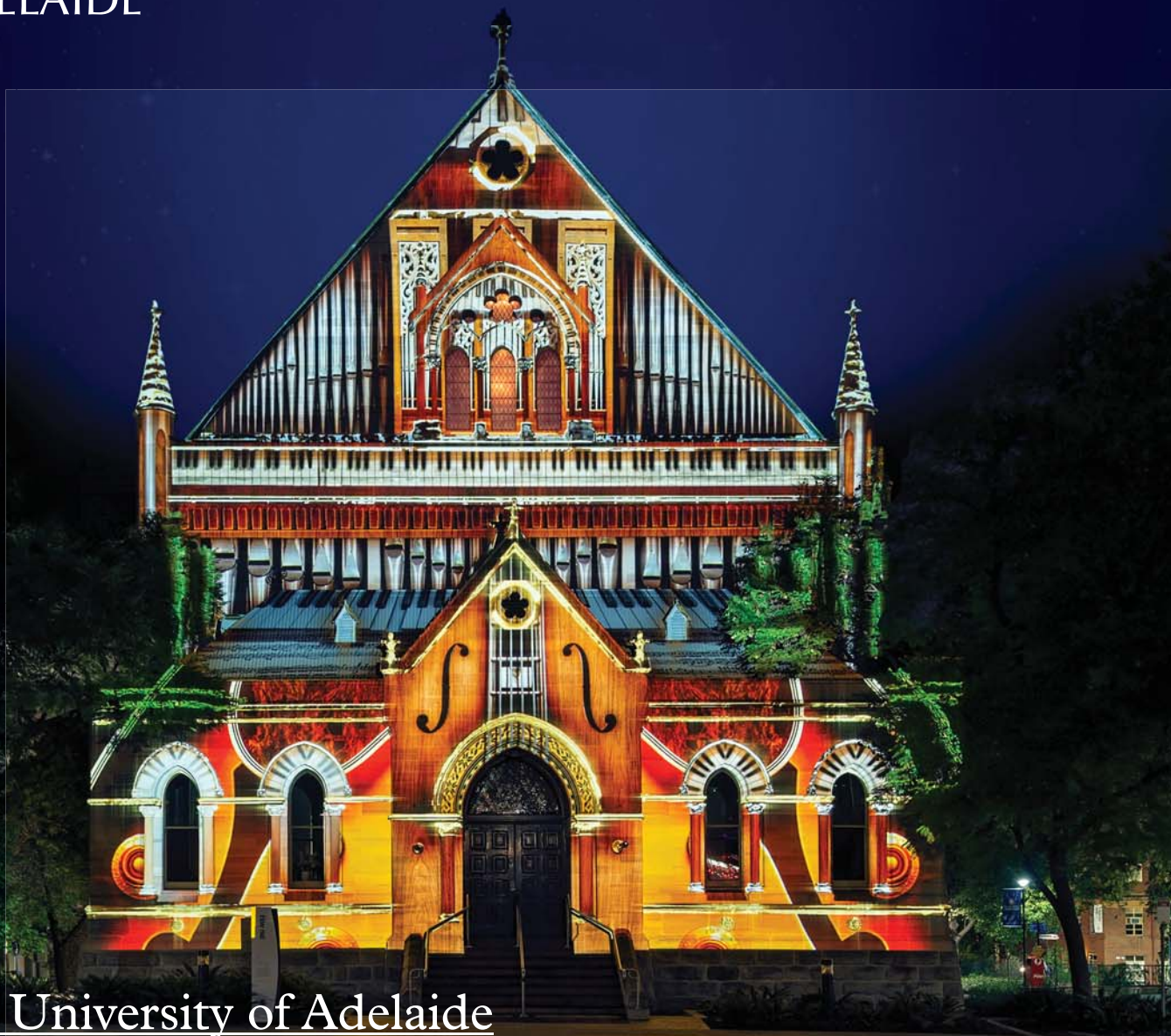




THE UNIVERSITY  
*of* ADELAIDE



The University of Adelaide

# 2017 ANNUAL REPORT

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# THE UNIVERSITY OF ADELAIDE 2017 ANNUAL REPORT

Report of the Council of the University of Adelaide for  
the period 1 January 2017 to 31 December 2017







To the Honourable John Gardner MP,  
Minister for Education.

I have the pleasure to transmit to you the  
Report of the Council of the University of  
Adelaide for the period 1 January 2017 to 31  
December 2017, furnished in compliance with  
Section 25 of the *University of Adelaide Act  
1971* (10 October 2017).

Rear Admiral the Honourable  
Kevin Scarce, AC, CSC, RAN (Rtd)  
Chancellor

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# FOREWORD FROM THE CHANCELLOR

In February, the University formally opened its Adelaide Health and Medical Sciences building. At a total cost of \$246 million, the AHMS building is the largest capital works project in the University's history.

The facility supports medicine, nursing and dentistry students, and health sciences researchers. Its integration with the new Royal Adelaide Hospital (RAH) and South Australian Health and Medical Research Institute will continue to build on more than 130 years of University of Adelaide partnership with the RAH.

In May, the University Council farewelled outgoing Vice-Chancellor and President, Professor Warren Bebbington, at a function which included the unveiling of his official portrait. Professor Bebbington's achievements were significant: the development and implementation of the *Beacon of Enlightenment Strategic Plan 2013-2023*, the introduction of the Small Group Discovery Experience, the AHMS building next to the new RAH, the signing of the 30-year Dental Partnership Agreement with SA Health, the development of the *University of Adelaide Masterplan 2016-2035*, the Professional Services Reform project, and leading the University to outstanding results in both the Excellence in Research for Australia (ERA) rankings and international university rankings. We thank Professor Bebbington for his years of dedicated service.

Professor Mike Brooks left his substantive position of Deputy Vice-Chancellor and Vice-President (Research) to become our Interim Vice-Chancellor and President from 1 May 2017. Under Professor Brooks' leadership, the University once again rose in the international rankings and he has also helped to forge strong links with the defence industry in South Australia. The University of Adelaide has, for a second year running, moved up in prestigious world rankings: 134 in the Times Higher Education World University Rankings, and 109 in the QS World University Rankings. We also retained our position at 139 in the Academic Ranking of World Universities,

and the Times Higher Education World University Rankings listed the University of Adelaide at 79 in the world's most international universities. This is an outstanding achievement, and is a credit to the University staff and management.

In July, ThincLab Adelaide was officially opened during Entrepreneurs Week. Housed in Nexus 10, ThincLab Adelaide is a major new innovation hub aimed at giving locally based start-up companies the best opportunities to succeed and grow. The facility provides a supportive business environment and will foster innovation and drive commercialisation and entrepreneurship opportunities for students, staff and like-minded community members.

On-shore graduation ceremonies, held in April, May and September, saw 11 outstanding Australians, many of them already graduates of the University of Adelaide, receive honorary degrees in recognition of their significant contributions to their field of knowledge, or to society in general. Recipients included: the Hon. Amanda Vanstone, the Hon. Julie Bishop, MP, Minister for Foreign Affairs, Senator the Hon. Penny Wong, Shadow Minister for Foreign Affairs, the Hon. Michael Kirby, AC, CMG, Professor James McWha, AO, Professor Paul Zimmet, Professor Fiona Wood AM, and Professor John Finnis. Further details on these and other distinguished recipients are provided in the *Governance* section of this report.

The University continued its many research successes this year. Most notably, this included the Aboriginal Heritage Project, led by Professor Alan Cooper of the University's Australian Centre for Ancient DNA, which will help to create a genetic map of pre-European Aboriginal Australia, plus the instrumental role University of

Adelaide physics researchers had, that led to three US scientists being awarded the Nobel Prize in Physics.

Amendments to the *University of Adelaide Act (1971)* received royal assent in October. It's expected these changes will lead to a more agile and strategic University Council.

In 2018, a new chapter in the University's history will begin, with the commencement of Professor Peter Rathjen as Vice-Chancellor and President.

Finally, I would like to acknowledge the work of all members of Council and its standing committees, as well as the Interim Vice-Chancellor and his management team for their work during the year. I hope that looking back over the highlights of 2017 in this annual report serves as a reminder of the success the University has achieved in a great many fields. Looking forward, there are numerous challenges ahead in this globally competitive education sector.



Rear Admiral the Honourable  
Kevin Scarce, AC, CSC, RAN (Rtd)  
Chancellor





# FROM THE VICE-CHANCELLOR AND PRESIDENT

As the new Vice-Chancellor and President of the University of Adelaide, it is with great pleasure that I present our 2017 annual report.

I would like to thank the Interim Vice-Chancellor and President, Professor Mike Brooks, who ably stepped in to manage the University when my predecessor, Professor Warren Bebbington, retired. Professor Bebbington's strategic contribution through the *Beacon of Enlightenment* saw significant progress across the University during his time here.

This progress has been underpinned by outstanding teaching, leading edge research and innovation, and a dedication to tackling global challenges in collaboration with international partners.

In 2017 the University achieved great progress in a number of significant areas.

We received \$31.3 million in funding from the National Health and Medical Research Council and \$25.1 million through the Australian Research Council. The research undertaken through this funding—in diverse areas such as maternal and child nutrition, Indigenous health, solar fuel generation, and improving wine industry profitability—promises great benefit for a variety of industries, and Australia as a whole.

The Aboriginal Heritage Project won national recognition, being awarded the prestigious 2017 Eureka Prize for Excellence in Interdisciplinary Scientific

Research. Led by the University of Adelaide's Australian Centre for Ancient DNA, in partnership with the South Australian Museum, and in collaboration with Aboriginal families and communities across Australia, the project created the first genetic map of Aboriginal Australia before European arrival.

The University continued to invest in facilities that will contribute significantly to the state's socio-economic future. The cutting edge Adelaide Health and Medical Sciences (AHMS) building, for example, officially opened in February 2017, brings together our nursing, medical and dental students in a state-of-the-art teaching and research facility.

Equipped with simulation suites that replicate technology in modern critical-care hospitals, the AHMS building strengthens the University's capacity to deliver work-ready graduates and support innovation in health and medical research. This is not only critical to the future of our community, but provides a shining light for the state.

The University of Adelaide continues to lead the way on health and medical research, working in close partnership with our clinical and research collaborators, including those in the new Adelaide BioMed City precinct.

We again rose in the international and domestic rankings, and the 2017 National Survey of Research Commercialisation ranked the University of Adelaide third for commercialisation and collaboration income across all Australian universities, recognising our commitment to this area.

ThincLab Adelaide, the University's innovation hub, was officially opened in July by the Hon. Jay Weatherill MP, former Premier of South Australia. Home to more than 50 new ventures featuring innovative business solutions spanning a range of industry sectors, ThincLab Adelaide represents a boosted commitment to commercialisation and entrepreneurship in South Australia.





The year ended with our establishment of the Australian Institute for Machine Learning, which has been supported by the South Australian Government with an investment of \$7.1 million. The institute will play a key role in assisting South Australia to navigate a global economy set to be transformed by artificial intelligence. It will occupy space on the old Royal Adelaide Hospital site from mid-2018.

The University continues to adopt a flexible and innovative approach to providing tailored education solutions. A further six courses were added to the Massive Open Online Courses (MOOCs) program, bringing the number of online learners to over half a million since the program's launch in 2014.

It is a privilege to be back at the University and I look forward to working with all members of our community to ensure the University continues to make an essential and lasting contribution to the economic, cultural and social prosperity of South Australia.

A handwritten signature in black ink, reading "P O Rathjen". The signature is fluid and cursive.

**Professor Peter Rathjen**  
BSc (Hons) (Adel), DPhil (Oxon),  
Hon DLitt (Tas)  
Vice-Chancellor and President

# 2017 AT A GLANCE

## January

- A new high-tech medical device to make brain surgery safer was announced by researchers in the Centre for Nanoscale BioPhotonics. The tiny imaging probe, encased within a brain biopsy needle, lets surgeons 'see' at-risk blood vessels.
- New University of Adelaide research showed unpaid work experience is widespread in Australia, with more than half of young adults having undertaken an unpaid placement.

## March

- The University launched its first MicroMasters program—a global open online course at master's degree level that will allow learners to potentially earn credit towards an on-campus master's degree.
- The first results from the Aboriginal Heritage Project, using DNA in hair samples collected from Aboriginal people across Australia in the early-to-mid 1900s, revealed populations have been continuously present in the same regions for up to 50,000 years.
- Professor Anton Middelberg was announced as the new Executive Dean of the Faculty of Engineering, Computer and Mathematical Sciences.
- South Australia's three public universities, TAFE SA and the Defence Teaming Centre announced the formation of the Defence Industry Education and Skills Consortium, to deliver a defence and maritime-ready workforce.

## May

- A new form of the common and highly contagious dog virus canine parvovirus (CPV) was discovered in Australia for the first time by researchers at the University's Roseworthy campus.
- The University announced a new focus on helping grow the food sector with the appointment of Professor Andrew Lowe as its inaugural Director of Food Innovation.
- Infertile couples were given new hope for a successful pregnancy without the need for IVF, thanks to new research into a 100-year-old medical technique.
- A new program for Indigenous high school students was launched, aimed at helping them achieve academic success in Year 12 and go on to study at university. The Karnkanthi Indigenous Education Program is the first of its kind in Australia.
- Renowned scientist and respected university leader Professor Peter Rathjen was announced as the next Vice-Chancellor and President of the University of Adelaide.

## February

- The University opened its \$246 million state-of-the-art Adelaide Health and Medical Sciences building as part of Adelaide BioMed City, in the city's West End—the largest capital project in the University's history.
- A new University of Adelaide study was launched to assess the nation's oral health—the first national project of its kind in more than a decade. In total, 15,000 Australians will be asked to take part in the National Study of Adult Oral Health 2017-2018.

## April

- A University of Adelaide-built satellite was launched by NASA from Cape Canaveral in Florida, on the Atlas V rocket bound for the International Space Station. The 'CubeSat' was one of three miniaturised satellites developed in Australia—the first Australian-built satellites to be launched for 15 years.
- The Hon. Julie Bishop, MP, Minister for Foreign Affairs, and Senator the Hon. Penny Wong, Shadow Minister for Foreign Affairs, were among nine eminent Australians awarded honorary doctorates at graduation ceremonies.

## June

- The University rose dramatically in the QS World University Rankings, jumping 16 places to 109th in the world.
- The University and The Orana Foundation, founded by chef Jock Zonfrillo, announced a major new research partnership to support the development of an Australian native food industry.





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## July

- A major new innovation hub, ThincLab Adelaide, was launched. It aims to give locally based start-up companies the best opportunities to succeed and grow.
- The University was one of 27 institutions worldwide shortlisted for the UK Higher Education Academy's inaugural Global Teaching Excellence Awards.
- University of Adelaide researchers won four out of eight awards at the 2017 South Australian Young Tall Poppy Science Awards.
- The University launched the Australian Smart Cities Consortium, working with local and state government, entrepreneurs and industry to guide and support the transformation of Adelaide into a 'smart city'.

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## September

- The University rose in the Times Higher Education World University Rankings to be 134th in the world, bringing the University into the top 140 in all three major international rankings schemes.
- Our highly regarded MBA program took its place in the top five MBAs of all business schools in the nation, according to *The Australian Financial Review* BOSS magazine rankings.
- A new University-led \$14.6 million research consortium to develop advanced technologies to boost South Australia's copper production was announced. The consortium will also seek to create a globally competitive South Australian mining technology services sector more broadly.

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## November

- The Hon. Christopher Pyne MP, Minister for Defence Industry, launched the new University of Adelaide Defence Research and Innovation Network, which will involve Defence Science and Technology Group and defence industry researchers working on campus alongside University researchers and students.
- A University team that developed a new way of assisting high-density community living took out top honours in this year's eChallenge awards, collecting \$10,000 cash and \$2,500 worth of other prizes.
- Political journalist, author and media personality Annabel Crabb, former Supreme Court Justice and lawyer the Hon. Margaret Nyland, AM, and President of the Australian Indigenous Doctors' Association Dr Kali Hayward were among those honoured at our Distinguished Alumni Awards.

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## August

- Professor James Paton became the 2017 South Australian Scientist of the Year, and University of Adelaide staff won another four awards for excellence in science.
- The Aboriginal Heritage Project, a project creating the first genetic map of Aboriginal Australia before European arrival, won national recognition with the 2017 Eureka Prize for Excellence in Interdisciplinary Scientific Research.

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## October

- Scientists collaborating around the world, including at the University of Adelaide, for the first time observed a cosmic event by both gravitational waves (ripples in space and time) and light.
- International research involving the University of Adelaide uncovered a developmental abnormality in babies—especially in premature babies and in boys—that for the first time has been directly linked to cases of sudden infant death syndrome.
- Outstanding medical graduate Dr Claudia Paul became the third Indigenous Australian to be awarded a Rhodes Scholarship, when named the 2018 Rhodes Scholar for South Australia.

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## December

- The Australian Research Council (ARC) Research Hub for Graphene Enabled Industry Transformation was launched. The hub will develop high-value products and innovative solutions for industries as diverse as agriculture, mining, construction, medical technologies and defence.
- The University was awarded \$23.2 million for new research tackling some of the world's most significant health problems, including preterm birth, one of the biggest killers of children.
- South Australian Government support of \$7.1 million was announced to establish the Australian Institute for Machine Learning at the University of Adelaide. The institute will be the first tenant in the old Royal Adelaide Hospital site.



# THINCLAB

ThincLab Adelaide is a major new innovation hub aimed at giving locally based start-up companies the best opportunities to succeed and grow

Opened in July 2017, it's home to more than 50 new ventures. These ventures represent innovative business solutions that span diverse industry sectors, including: health and exercise, agriculture, aerospace and automotive engineering, environment, energy, digital gaming, science communications, and food and drink.

The purpose-built innovation hub on North Terrace provides entrepreneurs with everything they need to grow and execute their ideas. It offers access to: University entrepreneurship courses from bachelor level through to postgraduate, mentoring through the Australian eChallenge program, commercialisation expertise, networking with overseas entrepreneurs, and a business incubator. It also includes a state-of-the-art prototyping lab and design studio, housing the latest 3D printers and fabrication technology, and operated by highly skilled lab technicians.

The facility provides a supportive business environment and drives commercialisation and entrepreneurship opportunities for students, staff and like-minded members of the community, helping to foster innovation in the state.

Representing a boosted commitment to commercialisation and innovation in South Australia, ThincLab Adelaide reinforces the University of Adelaide's position as a national leader in entrepreneurship, and in education and outreach programs fostering innovation.

Building on this domestic success, ThincLab is also growing into a global network, with sister-site innovation hubs now established in France and Singapore. The ThincLab Global project is a leading program for the internationalisation of South Australian small-to-medium enterprises, providing a launch pad for entrepreneurs looking to expand into European and Asian markets.



# AUSTRALIAN INSTITUTE FOR MACHINE LEARNING

In December 2017, the University of Adelaide announced that it will establish a new multi-million dollar institute to research the capacity of machines to learn, and help deliver the so-called fourth industrial revolution for Australia.

The Australian Institute for Machine Learning will help lead South Australia through the economic transformation, directly supporting South Australian businesses to develop new products based on artificial intelligence and upskilling the workforce of the future.

Machine learning is a field of computer science that gives computers the ability to learn without being explicitly programmed. Some of the applications of machine learning include driverless cars, speech recognition and effective web search. The fourth industrial revolution is described as the range of new technologies that are fusing the physical, digital and biological worlds.

The establishment of the new Institute will be supported by the South Australian Government with a \$7.1 million investment, including \$1.5 million of that prioritised for defence capability research.

The Institute will also support the cost-effective adoption of artificial intelligence by South Australian government agencies, providing solutions to improved productivity, efficiency and service delivery for South Australians. It will also attract globally dominant companies to South Australia through unique artificial intelligence-based opportunities.

The Australian Institute for Machine Learning will be the lead tenant in a new innovation incubator to be established in the Women's Health Centre building on the old Royal Adelaide Hospital site.



# SUPPORTING SOUTH AUSTRALIA'S FUTURE PROSPERITY

## In 2017 the University of Adelaide contributed:

- turnover of \$935 million
- \$164 million to the state's export income (in international student fees)
- over 3800 direct jobs for South Australia and a further 2600 indirect jobs
- \$164 million# in research income
- \$39.3 million in commercialisation and contract research.

Since its establishment in 1874, the University of Adelaide has been an important contributor to South Australia's economic prosperity. As one of the state's largest employers, and through its research and education, the University plays a key role in the state's economy.

The University of Adelaide is continuing to help deliver the Government of South Australia's economic priorities\*, through education and research, for the benefit of the South Australian economy and community. The following are just a few examples from 2017.

### **PRIORITY:** Unlocking our resources

Together with industry partners, the University's Institute for Mineral and Energy Resources was awarded \$2.1 million in Australian Government funding to develop and commercialise new mining and exploration tools using cutting-edge digital technologies, including machine learning. The University is also leading a \$14.6 million research consortium to develop advanced technologies to boost South Australia's copper production, and help build a globally competitive mining technology services sector.

### **PRIORITY:** Premium food and wine

In 2017 the University of Adelaide appointed Professor Andrew Lowe as its inaugural Director of Food Innovation, acting as the key interface for industry and government seeking to partner with the University in this area. Some of Australia's largest agribusinesses joined with the University to design a new, business-focused Master of Agribusiness program. The University was awarded \$1.1 million by the Grains and Research Development Corporation to establish new research facilities at Waite.

### **PRIORITY:** Global leader in health and ageing

In addition to the opening of its \$246 million state-of-the-art Adelaide Health and Medical Sciences building in 2017, the University was awarded \$2.5 million to establish a national Centre of Research Excellence to improve nutrition and health outcomes for mothers and their children. Research led by the University of Adelaide, published in 2017, is paving the way for safe and more effective drugs to treat type 2 diabetes, reducing the side effects and the need for insulin injections.

### **PRIORITY:** The knowledge state – attracting students and commercialising our research

ThincLab Adelaide, the University's innovation hub, was officially opened by the Premier in July 2017. ThincLab is now overflowing with more than 50 new ventures, including Singapore company Firma Skin, which will roll out its artificial intelligence-based Derma Analytics app from South Australia. The University's Institute for Photonics and Advanced Sensing is partnering with Mitsubishi Heavy Industries to develop novel, very high temperature sensors that will enhance the efficiency of their power generation systems.

\*Economic Priorities: State Government of South Australia, [www.economic.priorities.sa.gov.au](http://www.economic.priorities.sa.gov.au)

#2017 preliminary eligible Category 1 to 4 Higher Education Research Data Collection (HERDC) Research Activity.

## Working with the Australian Government

The University of Adelaide continued to work closely with the Australian Government in 2017 to strengthen engagement between universities and industry.

In November, Defence Industry Minister Christopher Pyne launched the new University of Adelaide Defence Research and Innovation Network, which will involve Defence Science and Technology Group (DST) and defence industry researchers working on campus alongside University researchers and students.

DST will collaborate on projects across more than 20 research areas, including

photonics and advanced sensing, machine learning and artificial intelligence, distributed software systems, and cyber security.

The aim is closer engagement and co-investment in key capabilities for much more rapid outcomes.

The University is also establishing a Defence Research and Innovation Hub, which will be a first port of call for defence-related research and innovation at the University of Adelaide. The hub will have facilities to support short and long-term hosting of DST and defence industry research partners.

### **PRIORITY:** A destination of choice

The majority of Australia's wine exports originate in South Australia, with our wine regions and cellar doors providing a major tourism experience. The University of Adelaide is the Southern Hemisphere's premier wine research and teaching institution. In 2017 the University launched its *World of Wine: From Grape to Glass* MOOC (massive open online course) in partnership with Chinese platform XuetangX. To further accelerate wine industry education, innovation and research, a partnership was also announced between the University and KEDGE Business School in Bordeaux, France.

### **PRIORITY:** Growth through innovation

The University announced the establishment of the Australian Institute for Machine Learning, which will support South Australian businesses in developing new products based on artificial intelligence, and upskilling the workforce of the future. The new institute will be supported by the Government of South Australia with a \$7.1 million investment. The University will also establish a state-of-the-art metal 3D printing facility in Adelaide's northern suburbs, which will enable local companies to manufacture parts for the growing medical device and defence industries.

### **PRIORITY:** Best place to do business

The University of Adelaide is working with local and state government, entrepreneurs and industry to help transform Adelaide into a 'smart city' through its Australian Smart Cities Consortium. In 2017 the University also established a new Future of Employment and Skills Research Centre, which will help guide policy directions for the benefit of South Australia and the nation.

### **PRIORITY:** Vibrant Adelaide

The University of Adelaide's North Terrace frontage was illuminated by an interactive light display during the Adelaide Fringe festival in 2017. The University played a key role as host and sponsor of seven events throughout the 2017 OzAsia Festival, Australia's premier international arts festival focusing on Asia. Members of the public joined University staff and students at the free annual Carols on Campus held in Bonython Hall.

### **PRIORITY:** International connections

A new Royal University of Phnom Penh and University of Adelaide joint Policy Research Centre was launched to strengthen academic collaboration between South Australia and Cambodia. The Centre for Applied Conservation Science at the University of Adelaide was also launched in 2017, which aims to advance conservation science across the region and foster new research collaborations.

### **PRIORITY:** Opening doors for small business

Through the Entrepreneurship, Commercialisation and Innovation Centre (ECIC), the University actively engages with small and family businesses to help them make the most of national and global markets. The ECIC seeks to stimulate innovation through its research, teaching, and community engagement activities, including the Australian eChallenge. The University's innovation hub, ThinkLab, appointed Adelaide entrepreneur Kristian Livolsi as its first Entrepreneur in Residence to provide mentorship, inspiration and advice to locally based start-up companies.



# BY THE NUMBERS

## The University and consolidated underlying net operating result

The underlying net operating result represents the University's total net operating result after deducting revenues received that are directed to specific purposes and are not available to be utilised at the University's discretion. The methodology adopted by the University is consistent with the methodology adopted by all of the Australian Group of Eight universities in their annual reports. The 2017 University underlying net operating result of \$24.8 million, or 2.7% of gross revenue, is set out in the table (Consolidated \$22.2 million). The funds generated from the underlying net operating result are available to be reinvested at the University's discretion into research, teaching and infrastructure.

The University's total net operating result of \$64.8 million (Consolidated \$55.5 million), as reported in the audited financial statements, is derived upon the application of all relevant accounting standards. In the opinion of the University, this result may tend to overstate the funds which the University has available for discretionary operations or infrastructure investment. This is also the case in relation to the consolidated net operating result as reported in the audited financial statements.



**The key factors contributing to the difference between the underlying and total net operating result:**

- An unrealised gain of \$19.4 million on the Endowment Fund investments. The Fund comprises funds that have been provided to the University for specific purposes, generally relating to research projects, prizes and scholarships. As such, the funds are not available for general operating activities or capital investment.
- Receipt of \$10.3 million in “restricted use” donations and bequests, for which the donor nominated specific purposes.
- All other grants are recognised upon receipt, despite expenditure also being incurred in future periods, contributing to the \$2.8 million movement in specific purpose and research grants.
- During 2017, the University received independent accounting advice requiring the recognition of the fair value of \$3.5 million for the Adelaide Health and Medical Sciences Building land finance lease.
- Revaluations of investments in Education Australia Limited and Australian Grain Technologies Pty Ltd, totalling \$7.4 million.
- Recovery of Withholding Tax from Singapore of \$2.3 million.

**AMENDMENT: Please see below the financial table, The University and Consolidated Underlying Net Operating Result, which is a replacement to the table seen on page 13 of the University of Adelaide’s 2017 Annual Report. This replacement page was tabled in Parliament July 2018.**

	THE UNIVERSITY AND CONSOLIDATED UNDERLYING NET OPERATING RESULT									
	CONSOLIDATED					UNIVERSITY				
	2017	2016	2015	2014	2013	2017	2016	2015	2014	2013
	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
Total revenue from continuing operations	946,886	947,288	936,392	905,081	958,098	929,210	894,530	874,047	840,373	888,443
Salaries and related expenses	508,719	497,611	486,767	478,795	444,293	499,006	486,152	470,708	462,768	427,702
Other expenses	382,659	388,769	398,014	373,208	367,206	365,374	348,141	348,985	323,175	325,631
Net operating result for the year	55,508	60,908	51,611	53,078	146,599	64,830	60,237	54,354	54,430	135,110
<b>Adjusted for:</b>										
Restricted use donations and bequests	(2,733)	(1,438)	(2,595)	(2,265)	(3,190)	(10,321)	(1,438)	(2,590)	(2,265)	(2,987)
Endowment Fund unrealised earnings	(20,118)	(10,931)	(1,733)	(11,806)	(31,916)	(19,449)	(10,267)	(2,112)	(11,807)	(31,223)
Capital projects grants	-	-	-	-	(63,075)	-	-	-	-	(60,000)
Net movement in specific purpose grants including research projects	2,870	(8,528)	(11,064)	(24,333)	(11,884)	2,870	(8,528)	(11,064)	(24,333)	(11,884)
<b>Other extraordinary items:</b>										
Proceeds from sale of underperforming assets	-	(2,571)	(9,684)	-	-	-	(2,571)	(9,684)	-	-
Impairment of non-current assets	-	(4,843)	(1,033)	-	(5,097)	-	(3,632)	(1,033)	-	(6,308)
Initial recognition of the AHMS finance lease on land	(3,479)	-	-	-	-	(3,479)	-	-	-	-
Revaluation of Investments	(7,433)	(3,366)	(7,960)	-	-	(7,433)	(3,338)	(7,960)	-	-
Recovery of the University’s Singapore Withholding Tax claim	(2,277)	-	-	-	-	(2,277)	-	-	-	-
Gain on acquisition of controlled entity	(101)	-	-	-	(9,389)	72	-	-	-	-
<b>Underlying net operating result for the year</b>	<b>22,237</b>	<b>29,231</b>	<b>17,545</b>	<b>14,674</b>	<b>22,048</b>	<b>24,812</b>	<b>30,463</b>	<b>19,911</b>	<b>16,025</b>	<b>22,708</b>

## Student enrolment

STUDENT ENROLMENT (EFTSL)	2016	2017
<b>Total load (EFTSL)<sup>^</sup></b>	<b>21452</b>	<b>21141</b>
Central areas	125	47
Arts	3831	3727
Engineering, Computer and Maths Sciences	4269	4220
Health and Medical Sciences	4250	4304
Professions	5994	5967
Sciences	2984	2876
<b>Research higher degree</b>	<b>1638</b>	<b>1625</b>
Central areas	0	0
Arts	238	211
Engineering, Computer and Maths Sciences	360	344
Health and Medical Sciences	401	417
Professions	131	134
Sciences	507	519
<b>Postgraduate coursework</b>	<b>3418</b>	<b>3421</b>
Central areas	0	0
Arts	306	295
Engineering, Computer and Maths Sciences	518	537
Health and Medical Sciences	419	394
Professions	1898	1915
Sciences	277	279
<b>Undergraduate<sup>^^</sup></b>	<b>16282</b>	<b>16050</b>
Central areas	23	10
Arts	3284	3220
Engineering, Computer and Maths Sciences	3390	3339
Health and Medical Sciences	3426	3489
Professions	3961	3914
Sciences	2198	2078
<b>Aboriginal &amp; Torres Strait Islander enrolment (EFTSL)</b>	<b>184</b>	<b>178</b>
Enabling	28	21
Undergraduate	138	140
Postgraduate coursework	11	12
Postgraduate research	7	5

STUDENT ENROLMENT (EFTSL)	2016	2017
<b>% Female enrolment</b>	<b>48.6%</b>	<b>49.3%</b>
Central areas	54.2%	73.5%
Arts	58.4%	59.0%
Engineering, Computer and Maths Sciences	18.4%	19.0%
Health and Medical Sciences	66.2%	66.6%
Professions	49.6%	49.9%
Sciences	51.9%	53.3%
<b>International load (EFTSL)</b>	<b>5838</b>	<b>6091</b>
Central areas	95	29
Arts	346	400
Engineering, Computer and Maths Sciences	1508	1655
Health and Medical Sciences	595	609
Professions	2687	2811
Sciences	606	587
<b>% International</b>	<b>27.2%</b>	<b>28.8%</b>
Central areas	75.6%	61.9%
Arts	9.0%	10.7%
Engineering, Computer and Maths Sciences	35.3%	39.2%
Health and Medical Sciences	14.0%	14.1%
Professions	44.8%	47.1%
Sciences	20.3%	20.4%
<b>Commonwealth-funded, including RTS</b>	<b>14868</b>	<b>14427</b>
Central areas	23	10
Arts	3399	3258
Engineering, Computer and Maths Sciences	2705	2524
Health and Medical Sciences	3507	3557
Professions	2896	2817
Sciences	2338	2261

Source: Data Warehouse  
<sup>^</sup> Includes non-award programs  
<sup>^^</sup> Includes enabling programs

## Award completions

AWARD COMPLETIONS #	2016	2017
<b>Total</b>	<b>6941</b>	<b>6932</b>
Central areas	0	0
Arts	1270	1174
Engineering, Computer and Maths Sciences	1032	1028
Health and Medical Sciences	1344	1375
Professions	2393	2474
Sciences	902	881
<b>Research higher degree (ex Higher Doc)</b>	<b>405</b>	<b>414</b>
Arts	65	71
Engineering, Computer and Maths Sciences	92	87
Health and Medical Sciences	101	108
Professions	29	35
Sciences	118	113
<b>Graduate coursework #</b>	<b>2049</b>	<b>2057</b>
Central areas	0	0
Arts	248	200
Engineering, Computer and Maths Sciences	254	258
Health and Medical Sciences	343	337
Professions	1107	1128
Sciences	97	134
<b>Undergraduate ##</b>	<b>4486</b>	<b>4460</b>
Arts	957	903
Engineering, Computer and Maths Sciences	686	683
Health and Medical Sciences	899	929
Professions	1257	1311
Sciences	687	634

Source: DET Student Submission

# Graduate Coursework includes Higher Degree by Coursework and Other Postgraduate

## Undergraduate includes Undergraduate and Other Undergraduate

## Staff numbers

As at 31 March 2017, including casuals and excluding TAFE and independent operations.

ACADEMIC (FTE)	2016	2017
Central areas	60.5	65.1
Arts	197.7	188.3
Engineering, Computer and Maths Sciences	326.8	329.4
Health and Medical Sciences	464.4	474.5
Sciences	461.4	464.0
Professions	198.8	211.1
<b>Grand Total</b>	<b>1709.5</b>	<b>1732.4</b>
PROFESSIONAL (FTE)	2016	2017
Central areas	1236.2	1347.7
Arts	69.7	64.8
Engineering, Computer and Maths Sciences	128.2	98.4
Health and Medical Sciences	223.6	217.9
Sciences	346.0	298.6
Professions	123.8	113.0
<b>Grand Total</b>	<b>2127.5</b>	<b>2140.3</b>
TOTAL (FTE)	2016	2017
Central areas	1296.7	1412.8
Arts	267.3	253.1
Engineering, Computer and Maths Sciences	455.0	427.8
Health and Medical Sciences	688.0	692.4
Sciences	807.4	762.6
Professions	322.5	324.0
<b>Grand Total</b>	<b>3836.9</b>	<b>3872.7</b>
ABORIGINAL & TORRES STRAIT ISLANDER (FTE)	2016	2017
Central areas	18.5	18.2
Arts	8.2	7.2
Engineering, Computer and Maths Sciences		1.0
Health and Medical Sciences	5.6	6.8
Sciences	1.0	1.2
Professions	0.3	1.2
<b>Grand Total</b>	<b>33.6</b>	<b>35.6</b>

\*2017 casuals are estimated. Actual data will be available after July 2018 staff submission.

Source: Department of Education and Training reporting



## Student:staff ratio

Student:staff ratio (teaching only, and teaching and research staff, including casuals)

TEACHING FACULTY	2016	2017
Central areas	4.0	1.5
Arts	21.8	21.9
Engineering, Computer and Maths Sciences	21.3	21.9
Health and Medical Sciences	16.0	16.0
Sciences	14.5	14.1
Professions	32.0	30.9
<b>Grand Total</b>	<b>20.1</b>	<b>19.9</b>

## Student:staff ratio

Student:staff ratio (all academic staff, including casuals)

TEACHING FACULTY	2016	2017
Central areas	2.1	0.7
Arts	19.4	19.8
Engineering, Computer and Maths Sciences	13.1	12.8
Health and Medical Sciences	9.2	9.1
Sciences	6.5	6.2
Professions	30.2	28.3
<b>Grand Total</b>	<b>12.5</b>	<b>12.2</b>

Source: Data Warehouse (Student EFTSL) and DET Staff Submission (Staff FTE)

## Summary of research activity

SUMMARY OF RESEARCH ACTIVITY	2016 <sup>^</sup>	2017 <sup>*</sup>
<b>Research income</b>	<b>\$000</b>	<b>\$000</b>
Australian Competitive Research Grants	75,882	68,190
Other Public Sector Research	36,649	37,766
Industry and Other Funding	46,532	48,630
Cooperative Research Funding	1,771	2,139
	<b>160,835</b>	<b>156,725</b>

<sup>^</sup> 2014, 2015 and 2016 Eligible Category 1 to 4 Higher Education Research Data Collection (HERDC) Research Activity

<sup>\*</sup>2017 preliminary eligible Category 1 to 4 Higher Education Research Data Collection (HERDC) Research Activity

Research Income		
\$ million	Total Research Income	Category 1 Research Income
2017 <sup>*</sup>	156.7	68.2
2016 <sup>*</sup>	160.8	75.9
2015 <sup>^</sup>	170.4	84.4
2014 <sup>^</sup>	182.1	94.6

<sup>^</sup> 2014, 2015 and 2016 Eligible Category 1 to 4 Higher Education Research Data Collection (HERDC) Research Activity

<sup>\*</sup>2017 preliminary eligible Category 1 to 4 Higher Education Research Data Collection (HERDC) Research Activity

## Course Experience Questionnaire

The Course Experience Questionnaire (CEQ) is part of the annual Australian Graduate Survey (AGS), developed by Graduate Careers Australia. The AGS surveys new university graduates from all Australian universities. The aim of the CEQ is to determine graduates' perceptions of degree quality, their attitudes about the skills they acquired, and overall satisfaction.

*Note: the tables only include data for domestic undergraduates.*

*Source: University of Adelaide AGS data files*

<b>CEQ % AGREEMENT FOR OVERALL SATISFACTION</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Arts	81.0%	81.7%	80.9%	72.0%
Engineering, Computer and Maths Sciences	83.3%	81.3%	77.5%	76.8%
Health and Medical Sciences	85.8%	86.5%	83.3%	81.9%
Professions	83.1%	82.0%	78.0%	75.2%
Sciences	86.8%	91.7%	90.1%	84.5%
University	83.9%	84.3%	81.6%	77.7%

<b>CEQ % AGREEMENT FOR GOOD TEACHING</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Arts	73.0%	69.5%	66.7%	62.8%
Engineering, Computer and Maths Sciences	59.4%	53.4%	50.5%	56.2%
Health and Medical Sciences	70.3%	69.3%	60.6%	62.7%
Professions	66.4%	65.9%	55.6%	57.8%
Sciences	69.6%	75.5%	69.0%	66.6%
University	67.6%	67.0%	60.2%	60.8%

<b>CEQ % AGREEMENT FOR GENERIC SKILLS</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Arts	76.4%	78.0%	74.7%	71.8%
Engineering, Computer and Maths Sciences	83.6%	82.9%	79.1%	81.2%
Health and Medical Sciences	83.4%	84.1%	80.1%	78.5%
Professions	80.7%	77.6%	74.7%	75.5%
Sciences	83.0%	86.2%	83.3%	81.7%
University	81.3%	81.0%	78.0%	77.3%

<b>GDS % IN FULL-TIME EMPLOYMENT</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Arts	51.2%	43.4%	59.2%	53.0%
Engineering, Computer and Maths Sciences	57.4%	59.4%	63.1%	64.3%
Health and Medical Sciences	81.9%	84.1%	74.7%	80.7%
Professions	57.9%	56.9%	63.6%	62.5%
Sciences	60.3%	58.5%	61.6%	66.3%
University	62.5%	61.4%	64.9%	65.8%

<b>GDS % IN FULL-TIME STUDY</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Arts	32.3%	28.2%	31.3%	29.3%
Engineering, Computer and Maths Sciences	13.4%	10.6%	12.7%	13.3%
Health and Medical Sciences	18.4%	15.6%	23.8%	20.1%
Professions	23.2%	22.8%	21.0%	19.0%
Sciences	42.7%	41.4%	40.6%	41.0%
University	25.2%	23.8%	25.5%	23.8%

*Source: University of Adelaide AGS data files*

# AWARDS AND ACHIEVEMENTS

The many awards and achievements of University staff, students and alumni in 2017 reflect the quality of research and teaching, and demonstrate the high regard in which members of the University community are held.



## Research recognition

- Professor James Paton, a leading international researcher in the causes of infectious diseases, was awarded the prestigious 2017 South Australian Scientist of the Year award. Professor Paton's research is focused on the fundamental molecular interactions between disease-causing bacteria and their hosts, and development of novel vaccines and therapeutics.
- Other South Australian Science Excellence awards winners were:
  - Early Career STEM Educator of the Year: Tertiary Teaching – Dr Claudia Szabo (School of Computer Science)
  - Excellence in Research Collaboration – Developing a world-leading intelligent medical device in SA – Professor Anton van den Hengel (School of Computer Science)
  - Unsung heroes of SA: Science Communication – Dr Ian Musgrave (Adelaide Medical School).
- Four young University of Adelaide researchers received 2017 South Australian Young Tall Poppy Science Awards:
  - Dr Jayakumar Bose (School of Agriculture, Food and Wine)
  - Dr Frances Corrigan (Adelaide Medical School)
  - Dr Zoe Doubleday (School of Biological Sciences)
  - Dr Laura Weyrich (School of Biological Sciences).
- Two University of Adelaide researchers, Professor Helen Marshall (Adelaide Medical School, Robinson Research Institute, and Women's and Children's Health Network) and Professor Andrew Abell (Chemistry, School of Physical Sciences), were named in the National Health and Medical Research Council's annual 10 of the Best Research Projects.
- Dr Caitlin Byrt, a postdoctoral research fellow in the School of Agriculture, Food and Wine, was awarded the Australian Government's Science and Innovation Award for Young People in Agriculture, Fisheries and Forestry.



*Professor James Paton*

- Professor Jozef Gécz, Head of Neurogenetics with the University's Robinson Research Institute, was elected as a Fellow of the Australian Academy of Science, recognising his contributions to the genetics and biology of neurodevelopmental disorders.
- Professor Rob Norman, AO, inaugural director of the Robinson Research Institute, was awarded life membership to the European Society for Human Reproduction and Embryology, the largest reproductive medicine society in the world.
- Associate Professor Richard Kelso, School of Mechanical Engineering, was identified by Engineers Australia as one of Australia's most innovative engineers for 2017, for his work in developing low-drag bicycle helmets.
- The Aboriginal Heritage Project, led by Professor Alan Cooper of the University's Australian Centre for Ancient DNA, in collaboration with the SA Museum, was awarded the 2017 Eureka Prize for Excellence in Interdisciplinary Scientific Research.

## Student awards

### John Monash Scholar

Laser-physics honours student Nicola Bilton was awarded a John Monash Scholarship for 2018, enabling her to undertake postgraduate studies in quantum physics at Imperial College London. Nicola is the University's 16th John Monash Scholar.

### Rhodes Scholar

The Governor of South Australia awarded the 2018 Rhodes Scholar for South Australia to University of Adelaide medical graduate Dr Claudia Paul, who will use her scholarship to undertake a Master of Science (MSc) in International Health and Tropical Medicine at the University of Oxford. Dr Paul is the third Australian Indigenous person to be awarded a Rhodes Scholarship, and the University of Adelaide's 110th Rhodes Scholar since 1904.

### Endeavour Scholars

Nine University of Adelaide postdoctoral researchers and research students were awarded highly competitive Endeavour Postgraduate Fellowships to pursue research projects overseas, with an additional two awarded prestigious Endeavour Executive Fellowships:

- Terence Cheng, research fellowship at Auckland University of Technology, New Zealand, in economics
- Boyin Ding, research fellowship at Centrale Nantes, France, in maritime engineering and technology
- Jack Alexander Gillespie, research fellowship at Kyoto University, Japan, in geology
- Sophie Hollitt, research fellowship at Nagoya University, Japan, in physics
- Sean Martin, research fellowship at New England Research Institute, United States of America, in epidemiology
- Manasi Murthy Mittinty, research fellowship at Ghent University, Belgium, in psychiatry
- Narasimha Murthy Mittinty, executive fellowship at the Department of Applied Mathematics, Computer Science and Statistics, Belgium
- Aaron Pereira, executive fellowship at NASA Jet Propulsion Laboratory, United States of America

- Seyed Hamid Rezatofighi, research fellowship at Stanford University, United States of America, in artificial intelligence
- Emi Schutz, research fellowship at the University of Calgary, Canada, in biochemistry and cell biology
- Zhiwei Sun, research fellowship at The Chinese University of Hong Kong, Hong Kong, in engineering and related technologies.

### New Colombo Plan Scholar

Matthias Fresacher, Bachelor of Mathematical Sciences (Advanced)/ Bachelor of Engineering (Hons) (Electrical and Electronic), won a prestigious New Colombo Plan Scholarship for study and work in the Indo-Pacific region and will be studying mathematics and electronics at the National University of Singapore.

## University Medallists—undergraduate

Faculty of Arts	
Jaye Louise Litherland-De Lara	Honours Degree of Bachelor of Arts
Faculty of Engineering, Computer and Mathematical Sciences	
Johann David Krister Anderson	Bachelor of Engineering (Honours) (Telecommunications)
John Mark Makestas	Bachelor of Engineering (Honours) (Electrical and Electronic)
Ryan James Marker	Honours Degree of Bachelor of Computer Science
Nicholas Grant Burton	Bachelor of Engineering (Honours) (Civil and Structural)
Jacob Dylon Shearer	Bachelor of Engineering (Honours) (Electrical and Electronic)
Daena Mun Yoke Ho	Bachelor of Engineering (Honours)
Matthew Gerard Dowling	Bachelor of Engineering (Honours)
Faculty of Health and Medical Sciences	
Tassia Kate Oswald	Honours Degree of Bachelor of Psychological Science
Laura Kate Smith	Bachelor of Dental Surgery
Vivienne Bofang Chong	Honours Degree of Bachelor of Nursing
Isaac Jian Xiang Liu	Bachelor of Medicine and Bachelor of Surgery
Faculty of the Professions	
David John Matthews	Honours Degree of Bachelor of Commerce
Claudia Phoebe King	Honours Degree of Bachelor of Commerce
Katherine Warner	Bachelor of Laws
Timothy David Hersey	Honours Degree of Bachelor of Economics
Faculty of Science	
Helen Geng	Honours Degree of Bachelor of Science in High Performance Computational Physics
Joshua Thomas Crilly	Honours Degree of Bachelor of Science

University Medals are awarded annually for outstanding academic performance to students who've completed an undergraduate honours degree, bachelor degree with honours, or bachelor degree of at least four years' duration. The medals are presented at graduation ceremonies.

### University Master Research Medal

The University Master Research Medal is awarded to graduates who've completed outstanding research at master level. This is the premier award for master degree candidates at the University.

Faculty of Arts	
Konstantin Shamray	For research in the field of music performance

Faculty of Sciences	
Rebecca Chao	For research in the field of chemistry

### The University Doctoral Research Medal

The University Doctoral Research Medal is awarded to graduates who have completed outstanding research at doctoral level. This is the premier award for doctoral candidates at the University.

Faculty of Arts	
Dr Carolyn Collins	For research in the field of history
Dr Jasmine Palmer	For research in the field of human geography

Faculty of Engineering, Computer and Mathematical Sciences	
Dr Sara Borazjani	For research in the field of petroleum engineering and management
Dr Jingrun Ran	For research in the field of chemical engineering
Dr Yulong Yang	For research in the field of petroleum engineering and management

Faculty of Health and Medical Sciences	
Dr Rebecca Harper	For research in the field of internal medicine
Dr Jana Sisnowski	For research in the field of public health
Dr Hannah Wardill	For research in the field of pathology

Faculty of the Professions	
Dr Amina Omarova	For research in the field of project management
Dr Hui Zhang	For research in the field of business

Faculty of Sciences	
Dr Francesco Arboit	For research in the field of geology
Dr Stephanie Begg	For research in the field of microbiology
Dr Morgan Disspain	For research in the field of marine science
Dr Bonnie Henderson	For research in the field of geology
Dr Alison Kirkby	For research in the field of geophysics



## Learning and teaching recognition

A number of University staff members were recognised in 2017 for learning and teaching excellence.

### National and international teaching grants, awards and recognition

- Professor Peter Hill (Head, Department of Companion Animal Health, School of Animal and Veterinary Sciences) was awarded the Australian Veterinary Association's Excellence in Teaching Award. The award recognises Professor Hill's contributions to undergraduate and postgraduate veterinary education and curriculum development over the past 25 years.
- Dr Joy McEntee (Faculty of Arts), Associate Professor Elizabeth Koch (Faculty of Arts) and Dr Robyn Davidson (Faculty of the Professions) each received a Senior Fellowship from the Higher Education Academy.

- The University of Adelaide was one of just 27 institutions worldwide shortlisted for the UK Higher Education Academy's inaugural Global Teaching Excellence Awards. The awards, in partnership with Times Higher Education, recognise institution-wide approaches to teaching excellence in three main areas: excellence in the leadership of teaching and learning, excellence in teaching, and excellence in student support.

The following staff received Australian Awards for University Teaching citations for Outstanding Contributions to Student Learning:

- Professor Michael Liebelt (Faculty of Engineering, Computer and Mathematical Sciences).
- Adriana Milazzo, Associate Professor Catherine Snelling and Associate Professor Sophie Karanicolas, the BEST Team (Faculty of Health and Medical Sciences).

### University teaching awards

AWARD	RECIPIENTS
Student-led Teaching Awards	<ul style="list-style-type: none"> <li>• Dr Gareth Pritchard, School of Humanities, Faculty of Arts</li> <li>• Wendy Lee, School of Electronic and Electrical Engineering, Faculty of Engineering, Computer and Mathematical Sciences</li> <li>• Dr Nicolene Lottering, School of Medicine, Faculty of Health and Medical Sciences</li> <li>• David Caruso, Adelaide Law School, Faculty of the Professions</li> <li>• Alexander Chambers, School of Physics, Faculty of Sciences</li> </ul>
Beacon Commendations for the Enhancement and Innovation of Student Learning	<ul style="list-style-type: none"> <li>• Kellie Toole, Associate Professor Joanna Howe, Dr Anna Olijnyk, Adelaide Law School, Faculty of the Professions, Developing career-ready graduates</li> <li>• Dr Peter Strelan, School of Psychology, Faculty of Health and Medical Sciences, Developing coursework students as researchers</li> <li>• Dr Tania Crotti, Adelaide Medical School, Faculty of Health and Medical Sciences, Developing coursework students as researchers</li> <li>• Dr Braden Phillips, School of Electrical and Electronic Engineering, Faculty of Engineering, Computer and Mathematical Sciences, Using effective and innovative assessment and feedback practices</li> <li>• Dr Nicolene Lottering, Adelaide Medical School, Faculty of Health and Medical Sciences, Effective and innovative use of learning technologies</li> <li>• The Innovators @ Waite, Dr Karina Riggs and Dr Beth Loveys, School of Agriculture, Food and Wine, Faculty of Sciences, Supporting and encouraging colleagues in their teaching (supported by the University of Adelaide Communities of Practice)</li> <li>• Associate Professor Melissa Nursey-Bray, School of Social Sciences, Faculty of Arts, Implementing effective higher-degree-by-research supervisory practices (sponsored by the Adelaide Graduate Centre)</li> <li>• Associate Professor Paul Sendziuk, School of Humanities, Faculty of Arts, Implementing effective higher-degree-by-research supervisory practices (sponsored by the Adelaide Graduate Centre)</li> </ul>
Stephen Cole the Elder Awards for Excellence	<ul style="list-style-type: none"> <li>• Associate Professor Paul Sendziuk, School of Humanities, Faculty of Arts, Excellence in higher-degree-by-research supervisory practice</li> <li>• Associate Professor Cathy Snelling and Associate Professor Sophie Karanicolas, School of Dentistry, Faculty of Health and Medical Sciences, Excellence in leadership, support and enhancement of teaching practice</li> <li>• Professor Peter Hill, School of Animal and Veterinary Sciences, Faculty of Sciences, Excellence in teaching and support for learning</li> </ul>
Vice-Chancellor and President's Award for Excellence in Learning and Teaching	<ul style="list-style-type: none"> <li>• Professor Peter Hill, School of Animal and Veterinary Sciences, Faculty of Sciences</li> </ul>

## Faculty teaching awards

AWARD	RECIPIENTS
<b>Faculty of Engineering, Computer and Mathematical Sciences</b>	
Professional Support of Learning and Teaching	<ul style="list-style-type: none"> <li>• Jon Ayoub and Ian Ogier, Infrastructure and Technical Service Team</li> </ul>
Excellence in Teaching	<ul style="list-style-type: none"> <li>• Dr Lewis Mitchell, School of Mathematical Sciences</li> <li>• Dr Antoni Blazewicz, School of Mechanical Engineering</li> <li>• Dr Andrew Smith, School of Mathematical Sciences</li> </ul>
<b>Faculty of Health and Medical Sciences</b>	
Teaching Level A – B	<ul style="list-style-type: none"> <li>• Nichola Thompson, School of Medical Sciences</li> </ul>
Teaching Level C	<ul style="list-style-type: none"> <li>• Elizabeth Beckett, School of Medical Sciences</li> </ul>
Teaching – Titleholder /Affiliate	<ul style="list-style-type: none"> <li>• Krishnaswamy Sundararajan, Adelaide Medical School</li> </ul>
ED Medal – Innovation	<ul style="list-style-type: none"> <li>• Nicolene Lottering, Adelaide Medical School</li> </ul>
<b>Faculty of Arts</b>	
Executive Dean’s Award for Excellence in Teaching	<ul style="list-style-type: none"> <li>• Dr Gareth Pritchard, School of Humanities</li> </ul>
Teaching Prizes	<ul style="list-style-type: none"> <li>• Associate Professor Paul Sendziuk, School of Humanities</li> <li>• Dr Kim Barbour, School of Humanities</li> <li>• Dr Robert Matthews, School of Education</li> </ul>
<b>Faculty of the Professions</b>	
Executive Dean’s Award (Academic Staff)	<ul style="list-style-type: none"> <li>• Dr Beth Nosworthy, Adelaide Law School</li> <li>• Dr Elisa Palazzo, School of Architecture and Built Environment</li> <li>• Associate Professor Matthew Stubbs, Adelaide Law School</li> </ul>
Executive Dean’s Award (Sessional Staff)	<ul style="list-style-type: none"> <li>• Gediminas Lipnickas, Adelaide Business School</li> <li>• Habtamu Tesfaye Edjigu, School of Economics</li> <li>• Ankit Agarwal, Adelaide Business School</li> <li>• Saira Saqib, Adelaide Business School</li> </ul>
Executive Dean’s Award (Professional Staff)	<ul style="list-style-type: none"> <li>• Philip Elms, Faculty Office</li> <li>• Irida Troshani, Faculty Office</li> </ul>
<b>Faculty of Sciences</b>	
Highly Commended	<ul style="list-style-type: none"> <li>• Adrian Hunter, School of Biological Sciences</li> </ul>
Less than 5 years	<ul style="list-style-type: none"> <li>• Dr Richard Muhlack, School of Agriculture, Food and Wine</li> </ul>
More than 5 years	<ul style="list-style-type: none"> <li>• Dr Alexandra Whittaker, School of Animal and Veterinary Science</li> </ul>





## Alumni recognition

### 2017 Distinguished Alumni Awards

The Distinguished Alumni Awards recognise the outstanding contribution and significant impact made by our alumni in humanitarian, professional or community service fields. The 2017 recipients were:

- Dr John Beard (MBBS 1979), in recognition of his dedication to the field of healthy ageing, including guiding many countries on their policy responses to population ageing
- Mr John Crosby (RDA 1971), in recognition of his advocacy for farmers and the Australian farming industry
- Ms Moya Dodd (LLB (Hons) 1988), in recognition of her service to women's football, as a player and fierce advocate for change to benefit the sport
- Ms Léonie Ebert (BSc 1968), in recognition of her dedication to education, advocacy for women and Aboriginal education, and support of social justice
- Mr Simon Hackett (BSc (Math Sc) 1987), in recognition of his contribution to advancing the IT industry, including involvement in bringing the internet to Australia, and through his company Internode, launching Australia's first ADSL2+ broadband service
- Dr Anthony Lake, AM (BDS 1970), in recognition of his service to the dental industry, including his involvement in disaster victim identification for state, national and international incidents
- The Hon. Margaret Nyland, AM (LLB 1964), in recognition of her service to law as a lawyer, judge, justice and commissioner, including leading the Royal Commission into child protection in South Australia.

### The James McWha Award of Excellence

The James McWha award recognises outstanding alumni who've graduated from the University within the past 15 years and are making a significant contribution as emerging leaders within their profession or community. The 2017 winner was Annabel Crabb (BA 1997, LLB 1997), in recognition of excellence in her career, and contribution to journalism.

### Tirkapena Indigenous Alumni Award

Named after the Kaurna word meaning 'a person inclined to learn, understand, know, perceive', the inaugural Tirkapena Indigenous Alumni Award recognises the success of Aboriginal and Torres Strait Islander alumni who've achieved significant accomplishments since graduation or have been identified as a leader within professional and community achievements. In 2017, the Tirkapena Award was won by Dr Kali Hayward (MBBS 2005), in recognition of her contribution to medicine, and leadership in the community.

### Honours Alumni University Medal

The Honours Alumni University Medal recognises outstanding academic achievement at honours level. The medallist for 2017 was:

- Mr Johann Andersson (BEng (Telecoms) (Hons) 2016, BFin 2016).

### Postgraduate Alumni University Medal

The Postgraduate Alumni University Medal is awarded each year to a graduating postgraduate student for outstanding academic merit. In 2017 the recipient was:

- Dr Jing Jing Duan (PhD (ChemE) 2016).

# GOVERNANCE

The University of Adelaide is governed by its Council which is established by *The University of Adelaide Act 1971*. The Council consists of not less than 12—and not more than 16—members, is chaired by the Chancellor, and advised by its standing committees.

## The Council's principal responsibilities are:

- appointing the Vice-Chancellor and President as the University's Chief Executive Officer, and monitoring his or her performance
- approving the University's mission, strategic direction, annual budget and business plan
- overseeing and reviewing the University's management and performance
- 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 University-controlled entities
- overseeing and monitoring the assessment and management of risk across the University, including commercial undertakings
- overseeing and monitoring the University's academic activities
- approving the University's significant commercial activities.



## Highlights

### University of Adelaide Act

On 10 October 2017, amendments to *The University of Adelaide Act (1971)* received royal assent. Key changes include:

- s.10 – the ability of Council to delegate its powers to any committee of the Council or the University
- s.12 – a change to the size of Council, so that it now consists of not less than 12, and not more than 16 members
- s.12A(3) – a change to the term of student members of Council from one to two years
- ss.30-33 – new sections concerning the creation and administration of trust and investment funds
- other minor amendments to ss. 12(6), 25 and 29.

### Vice-Chancellor and President

The University's Vice-Chancellor and President, Professor Warren Bebbington, retired on 30 April 2017. Professor Bebbington oversaw the largest single capital works project in the University's history, transformed the student experience, increased the University's standing both locally and in international rankings, and developed the University's *Masterplan* for the next two decades. Council appointed Professor Mike Brooks, Deputy Vice-Chancellor and Vice-President (Research), as Interim Vice-Chancellor and President until the appointment of a substantive Vice-Chancellor.

In May, Council appointed Professor Peter Rathjen, an internationally recognised biochemist specialising in embryonic stem cell research, as its new Vice-Chancellor and President. Professor Rathjen commenced in January 2018.

## Strategic planning

In line with its 2016 decision to discuss strategic issues at each Council meeting during the year, Council received presentations on, and considered issues including:

- defence research and education
- innovation
- long-term financial sustainability
- internationalisation
- cross-unit collaboration
- Indigenous strategy
- program design and curriculum innovation
- organisational change
- gender equity
- libraries of the future.

Council received, in both July and December 2017, progress reports of performance against the University's *Operational Plan 2016-2018*.

Council also continued to consider revised and new policies throughout the year, and received regular reports from the Vice-Chancellor and other senior managers on progress in implementing the *University's Strategic Plan 2013-2023* objectives.

## University 2018 budget

In December, Council approved the University of Adelaide 2018 budget. Council also received quarterly management and annual risk assessment reports of the University's wholly controlled entities and approved budgets and business plans for 2018.

## Annual meeting of the University community

The annual meeting of the University community was held on 13 February 2017 in the Braggs Lecture Theatre. Both the Chancellor and the Vice-Chancellor and President addressed the audience, and the meeting was streamed live via the University's website.



## Risk management

Council is required to oversee and monitor the assessment and management of risk across the University, including its commercial undertakings. The Council is assisted in the discharge of this responsibility by its standing committees. Together, they provide oversight of the design, maintenance and monitoring of systems that preserve and protect probity and internal controls, and at all times advance the interests of the University. As part of its oversight and monitoring, the following matters came before Council during 2017:

- Quarterly reports summarising information to assist Council members in the fulfilment of their duties as officers under the *Work Health and Safety Act 2012*. Council members must exercise due diligence to ensure the University complies with its obligations under the Act.
- Regular summary reports regarding key enterprise risks.
- The Internal Audit Plan for the period 2018-21. This plan sets out a rolling four-year program of reviews to be undertaken by the University's internal auditors in agreed areas of the University's activities. These include student and staff recruitment, internet security and database management, research grant reviews, bequests, international agreements and collaborations, major projects, and facilities and asset maintenance.

## Rules and statutes

The following University rules or statutes were amended in 2017:

- The William Gardner Prize
- Rules for the Election of Council Members
- Statute Chapter 2 – Of the Council.

## Voluntary governance code

The University of Adelaide complies with the Voluntary Code of Best Practice for the Governance of Australian Universities.

## Honorary degrees

The following honorary degrees were awarded in 2017:

### *Degree of Doctor of the University (honoris causa)*

- The Hon. Julie Bishop, LLB (Adel)
- The Hon. Michael Kirby, BA, LLB, BEc, LLM (Syd)
- Dr Andrea Mason, BA (SA Institute of Technology), LLB (Adel)
- Dr Jacqui McGill, BSc (Murdoch), MBA (La Trobe)
- Professor James McWha, AO, BSc, BAgr (Hons) (Belfast), PhD (Glasgow), PhD (aeg) (Adel), DSc (hc) (Massey), Vice-Chancellor (Adel) 2002-2012
- Senator the Hon. Amanda Vanstone, BA, LLB (Adel), GradDip Legal Practice, Cert Marketing Studies (SA Institute of Technology)
- The Hon. Penny Wong, BA, LLB (Hons) (Adel), GradDip Legal Practice (UniSA)
- Professor Fiona Wood, AM, FRACS, BSc, MBBS (St Thomas's Hospital Medical School, England)
- Professor Paul Zimmet, MBBS, MD (Adel), PhD (Monash), FRACP, FACE, FACN, FAIID, FAFPHM, FRCP (London), FTSE, Honoris Causa Doctoris (Complutense, Madrid), Doctor of Laws (hc) (Monash), Doctoris Philosophae (hc) (Tel Aviv).

### *Degree of Doctor of Laws (honoris causa)*

- Professor John Finnis, LLB (Hons) (Adel), PhD (Oxford).

### *Degree of Doctor of Science (honoris causa)*

- Dr Jane Lomax-Smith, AM, BSc, MBBS, BSc (Hons) (London Hospital Medical College), PhD (Adel), Doctor of Science (hc) (Adel).

## Changes to Council membership

Professor Warren Bebbington resigned as Vice-Chancellor and President on 30 April 2017. Professor Mike Brooks was appointed Interim Vice-Chancellor and President from 1 May 2017.

Professor John Williams was re-elected as Chair of the Academic Board on 12 October 2017 for another two-year term, from 1 January 2018 to 31 December 2019. Professor Williams will continue in his *ex officio* position on Council.

Ms Kathryn Presser was re-appointed to Council for a further two-year term from 1 June 2017 to 31 May 2019. Ms Presser is currently Chair of the Estate and Infrastructure Committee, and Deputy Chair of the Finance Committee.

Ms Julie Hayford, who held a professional staff position on Council, retired from the University on 2 January 2017.

Mr Lachlan Coleman and Ms Kerrie Campbell were elected as professional staff members for two-year terms commencing 6 March 2017. Ms Campbell resigned from the University on 4 August 2017.

Associate Professor Felix Patrikeeff, who held an academic staff position on Council, resigned from the University on 14 June 2017.

Three new student members were elected for one-year terms from 6 March 2017: Mr Richard Matthews, a postgraduate student; and Ms Georgina Morphet and Mr Jarrad Hopkins, both undergraduate students.





## Council membership 2017

### Ex officio members

- Rear Admiral the Hon. Kevin Scarce, AC, CSC, RAN (Rtd), Chancellor
- Professor Warren Bebbington, Vice-Chancellor and President (until 30 April 2017)
- Professor Mike Brooks, Interim Vice-Chancellor and President (from 1 May 2017)
- Professor John Williams, Presiding Member and Chair of the Academic Board

### Appointed members

- The Hon. Catherine Branson, QC, Deputy Chancellor
- Mr David Hill
- Ms Kerryne Liddle
- Ms Christine Locher
- Ms Kathryn Presser
- Mr Peter Siebels

### Go-opted member

Vacant

### Elected members

#### Academic staff

- Professor Andrew Abell
- Associate Professor Felix Patrikeeff (resigned 14 June 2017)

#### General staff

- Mr Julie Hayford (resigned 2 January 2017)
- Mr Stuart Matthews (until 5 March 2017)
- Ms Kerrie Campbell (from 6 March 2017; resigned 4 August 2017)
- Mr Lachlan Coleman (from 6 March 2017)

#### Students

- Mr Zhao Lu (until 5 March 2017)
- Mr Kyriaco Nikias (until 5 March 2017)
- Ms Lucinda Wojt (until 5 March 2017)
- Mr Jarrad Hopkins (from 6 March 2017)
- Mr Richard Matthews (from 6 March 2017)
- Ms Georgina Morphett (from 6 March 2017)

#### Graduates

- Mr Robin Day
- Mr Timothy Storer
- Dr Bruce Ian Watson, AM, RFD

### Back row

- Mr Jarrad Hopkins
- Mr David Hill
- Mr Lachlan Coleman
- Professor John Williams (Chair, Academic Board)
- Mr Timothy Storer

### Middle row

- Ms Christine Locher (Chair, People and Culture Committee)
- Professor Andrew Abell
- Ms Georgina Morphett
- Mr Robin Day
- Dr Ian Watson AM RFD
- Mr Richard Matthews

### Sitting

- Dr Nicole Beaumont (Council Secretary)
- The Honourable Catherine Branson QC (Deputy Chancellor and Chair, Audit, Compliance and Risk Committee)
- Rear Admiral the Honourable Kevin Scarce AC CSC RAN (Rtd) (Chancellor)
- Professor Mike Brooks FTSE FAGS (Interim Vice-Chancellor and President)
- Mr Peter Siebels (Chair, Finance Committee)
- Ms Kathryn Presser (Chair, Estate and Infrastructure Committee)

## Council standing committee chairs

*As at 31 December 2017*

### Academic Board

Chair, Professor John Williams

### Audit, Compliance and Risk Committee

Chair, the Hon. Catherine Branson, QC

### Convenors' Committee

Chair, Rear Admiral the Hon. Kevin Scarce, AC, CSC, RAN (Rtd)

### Council Selection Committee

Chair, Rear Admiral the Hon. Kevin Scarce, AC, CSC, RAN (Rtd)

### Estate and Infrastructure Committee

Chair, Ms Kathryn Presser

### Finance Committee

Chair, Mr Peter Siebels

### People and Culture Committee

Chair, Ms Christine Locher

### Senior Executive Review Committee

Chair, Rear Admiral the Hon. Kevin Scarce, AC, CSC, RAN (Rtd)

### Special Degrees Committee

Chair, Rear Admiral the Hon. Kevin Scarce, AC, CSC, RAN (Rtd)

## Council standing committee membership changes 2017

### Academic Board

Seven new members joined on the recommendation of their respective faculty boards. Three new student members were appointed by the Adelaide University Union. Terms for both professional staff ended on 31 December 2017, and elections were held for new representatives to commence from 1 January 2018.

### Audit, Compliance and Risk Committee

Mr Mark Butcher was re-appointed for a two-year term from 20 March 2017 to 29 March 2019. Ms Christine Locher was re-appointed for a two-year term from 1 September 2017 to 31 August 2019.

### Finance Committee

Mr Timothy Storer was appointed for a two-year term from 1 April 2017 to 31 May 2019. Mr John Charlton was re-appointed for a two-year term from 25 May 2017 to 24 May 2019.

### People and Culture Committee

Ms Danielle Jiranek was re-appointed for a two-year term from 20 July 2017 to 19 July 2019. Dr Ian Watson, AM, RFD and Mr Lachlan Coleman were appointed for two-year terms from 29 August 2017 to 28 August 2019. Ms Kerryne Liddle resigned from the committee on 25 August 2017.

### Special Degrees Committee

Dr Ian Watson, AM, RFD was appointed for a two-year term from 1 April 2017 to 31 May 2019.

## Senior management

*As at 31 December 2017*

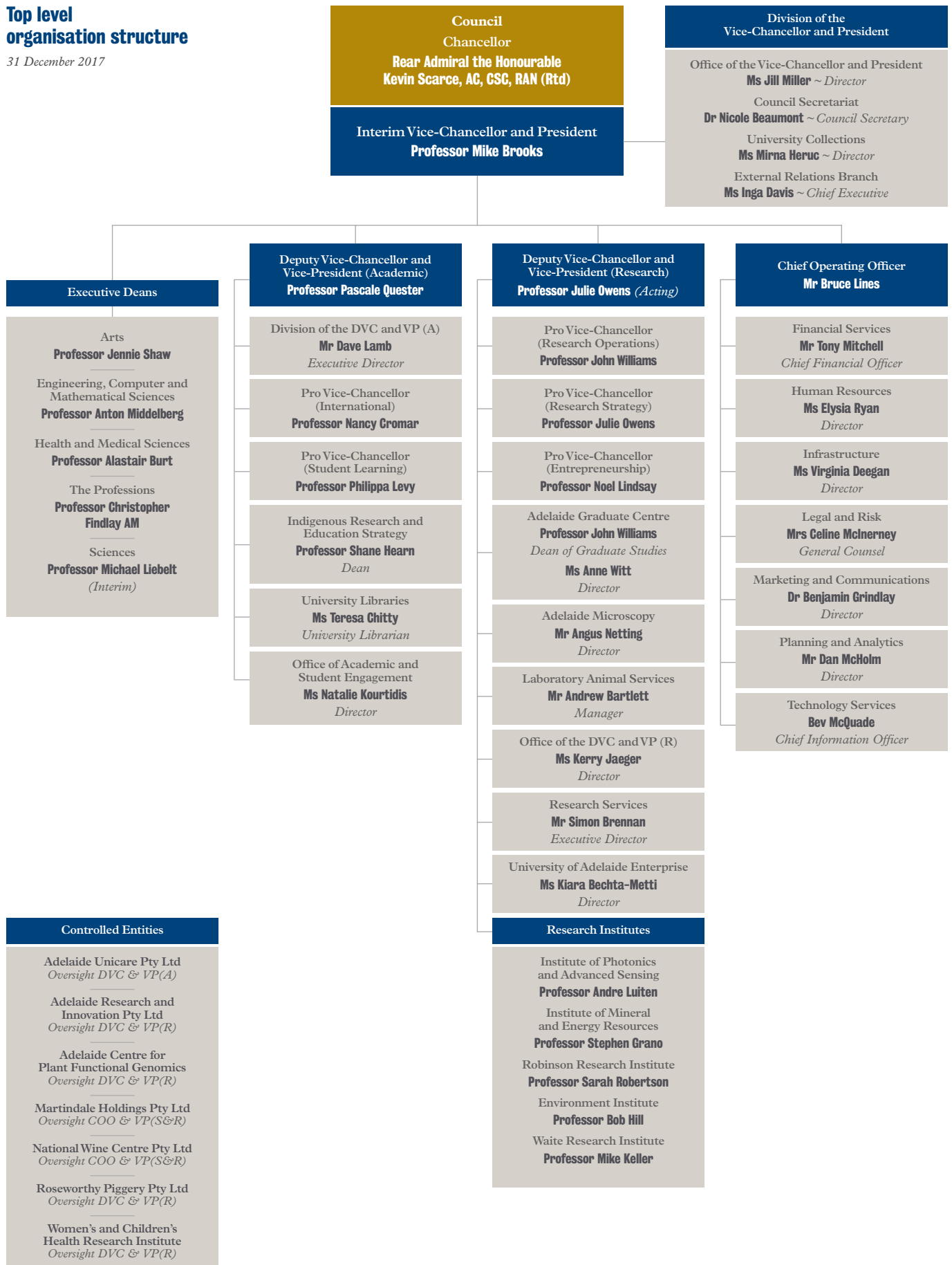
- Professor Michael Brooks  
Interim Vice-Chancellor and President
- Professor Pascale Quester  
Deputy Vice-Chancellor and Vice-President (Academic)
- Professor Julie Owens  
Acting Deputy Vice-Chancellor and Vice-President (Research)  
Pro Vice-Chancellor (Research Strategy)
- Mr Bruce Lines  
Chief Operating Officer
- Professor Nancy Cromar  
Pro Vice-Chancellor (International)
- Professor Philippa Levy  
Pro Vice-Chancellor (Student Learning)
- Professor Noel Lindsay  
Pro Vice-Chancellor (Entrepreneurship)
- Professor John Williams  
Pro Vice-Chancellor (Research Operations)  
Dean of Graduate Studies
- Professor Jennie Shaw  
Executive Dean,  
Faculty of Arts
- Professor Anton Middelberg  
Executive Dean,  
Faculty of Engineering, Computer and Mathematical Sciences
- Professor Alastair Burt  
Executive Dean,  
Faculty of Health and Medical Sciences
- Professor Christopher Findlay, AM  
Executive Dean,  
Faculty of the Professions
- Professor Michael Liebelt  
Acting Executive Dean,  
Faculty of Sciences

## The Council Secretariat

- Dr Nicole Beaumont  
Council Secretary
- Mr Mariusz Kurgan  
Senior Council Officer
- Mr Andrew Starcevic  
Senior Council Officer
- Ms Keita Chapman-Wyld  
Office Administrator

# Top level organisation structure

31 December 2017



# LEARNING AND TEACHING

The University is committed to providing a world-class student learning experience that challenges, stimulates and is of the highest value, grounded firmly in the union of teaching and research. Learning through discovery, and students' participation in the creation of new knowledge, are at the heart of the University's *Beacon of Enlightenment: Strategic Plan 2013-2023*.





In 2017, the Division of the Deputy Vice-Chancellor and Vice-President (Academic) changed its name to Division of Academic and Student Engagement (DASE) to better reflect the activities within the portfolio.

The division comprises the Office of Academic and Student Engagement and key portfolio areas led by the: Pro Vice-Chancellor (Student Learning), Pro Vice-Chancellor (International), Dean, Indigenous Research and Education Strategy, University Librarian, and the Executive Director, DASE.

DASE's responsibilities and achievements in 2017 included:

- Leading the development of education policies and strategy, including e-learning, for the University's faculties, and providing support in these areas. Divisional units such as Learning Enhancement and Innovation, and Learning and Quality Support are vital contributors to this work.
- Leading implementation of the University's *Internationalisation Strategy*, including the development of University-wide international partnerships and projects, and providing opportunities for students to study overseas.
- Improving participation, retention, success and attainment of Aboriginal and Torres Strait Islander students, through the Wirrtu Yarlu Aboriginal Education unit.
- Continuing to lead the University's *Library of the Future* project, responding to imminent change in academic libraries while preserving and enhancing their value and central role in learning and research.
- Managing the majority of the University's domestic and international student recruitment activity. Student Recruitment and Admissions Services contributes to the University's ability to reach its enrolment targets. Outreach is also a key activity within this group, with the Children's University team helping to raise community aspirations.
- Managing central student services functions critical to student engagement and success. Student Administration oversees admissions, enrolments, scholarships, student finance, examinations and graduations, and Student Life manages counselling and disability, international student support, careers support and accommodation. DASE also has oversight of Hub Central, and Ask Adelaide student information services.

## Context and overview

Five major initiatives were developed in 2017 to advance the University's strategic goals in learning and teaching, led by the Division of the Deputy Vice-Chancellor and Vice-President (Academic).

1. Refining our educational proposition, supporting increased Small Group Discovery Experiences, enhanced e-learning functionality, and success for our Massive Open Online Courses (MOOC) program through AdelaideX.
2. Extending the union of teaching and research, by developing advanced bachelor programs, further developing final-year capstones and conducting a successful annual Beacon Conference of Undergraduate Research.
3. Strengthening student experience and career readiness, ensuring consistent opportunities are made available across the University. This included expanding internship, work experience, career mentoring and work-integrated learning, and successfully piloting the Adelaide Graduate Award to recognise extracurricular activities undertaken by students. Credit-bearing international study options were also made available in major undergraduate programs to ensure greater student participation in a Global Learning Experience.

4. Implementing the Indigenous course enrichment project across the University, and increasing enrolment in the Indigenous Knowledges and Society course. 25 Indigenous students participated in international exchange and study tours, and further workshops for staff in Indigenous cultural competence were delivered.
5. Delivering initiatives supporting the goal of access and participation. These encompassed measures to improve attraction and retention of students from disadvantaged backgrounds through Children's University Adelaide, and the launch of the University of Adelaide College as the preferred pathway provider for international students.

The University of Adelaide's international student load remained strong, with growth of seven per cent year on year, whereas domestic load contracted by four per cent. Numbers of Chinese students choosing to study at the University continued to rise. Conversely, slow demographic growth in South Australia, and a shift in demand away from the University's traditional strengths over the last few years, has resulted in smaller domestic intake.

On a regulatory front, the Australian Government continues to incorporate significant savings in Commonwealth support for university students in budget forward estimates, commencing from 2018.



## Learning and teaching priorities

Key learning and teaching priorities for 2017 focused on further strengthening the University's provision of high-quality, engaging learning experiences enriched by the effective use of digital technologies. The University is on track to achieve its goals within the *Strategy for Learning, Teaching and Assessment (SLTA) 2016-18*. Focusing on student engagement and success, the SLTA establishes educational enhancement and innovation goals, and transformative actions, in seven core areas: curriculum, learning, assessment and feedback, transitions, teaching, community and co-creation, and analytics and evaluation.

### Small-group discovery experiences

The University is committed to providing all students with a small-group discovery experience in at least one course, in every year of their degree, across all faculties. The small-group discovery experience brings together small groups of students to discover new knowledge under expert researcher guidance. In 2017, the University has been successful in embedding small-group discovery experience across all levels of the undergraduate programs. An institutional evaluation of the small-group discovery initiative was undertaken, to support sharing of best practice and further development of this approach to learning and teaching.

### Digital learning

Successful delivery of the MyUni Transform project, involving University-wide adoption of Canvas as the new learning management system (MyUni), supported the University's strategic learning and teaching goals. All courses were delivered in Canvas from 1 January 2017, with a learning management system change process designed to maximise opportunities for the adoption of best-practice blended and online learning design principles. This process addressed student and staff feedback on use of MyUni.

MyUni Transform also included implementation of the Echo360 Active Learning Platform from semester 1, 2017. This platform supports automated recording of all lectures, and a range of interactive features enabling active learning, particularly with flipped classroom design. Over 30,000 lecture recordings were captured in 2017.

The MyUni satisfaction survey noted increases in student and staff satisfaction with the learning and teaching environment of 13 and 24 per cent respectively.

The University continued to develop its capability in learning analytics and the availability of metrics derived from new learning technologies. New analytics reports have been designed and implemented at faculty, school, and course level for staff and students. Greater insights into learner behaviour can now inform learning and teaching approaches, and learning design. Staff are able to identify and better support students who are struggling, and recognise and challenge high-achieving students.

A Digital Capabilities Framework for learning and teaching was launched in 2017, embedding digital capability development into academic programs. The framework is a collaboration between the portfolio of the Pro-Vice-Chancellor (Student Learning) and the University Libraries.

### Career readiness

The Adelaide Graduate Award, helping students to develop and demonstrate their employability, was piloted in 2017. The initiative recognises extracurricular activities and achievements, and fosters articulation of employability skills. 86 students achieved the award, and the program is now formally recognised on students' academic transcript at graduation. It will be rolled out to all students in 2018.

### Students as co-creators and partners

The University is committed to working closely with students as co-creators and partners in learning and teaching, including in governance, enhancement and innovation. The University hosted the 2017 National Students as Partners Roundtable.

### Recognition, reward and support for development of teaching

The University provided a number of enhanced opportunities for reward, recognition and development of teaching, and support for learning. The Adelaide Education Academy continued to support, promote and recognise teaching excellence, and to support selected staff who choose to focus their efforts as Education Specialists. The Academy welcomed 15 new members in 2017.

The University continues to recognise and reward staff who excel in teaching through its Learning and Teaching Awards in 2017. The Beacon Commendations for the Enhancement and Innovation of Student Learning were offered for the second year, alongside the Stephen Cole the Elder Awards for Excellence. The Student-led Teaching Award scheme gives all students the opportunity to contribute to the recognition of those deemed to have made an exceptional contribution to student learning at the University.

The institution-wide peer-review-of-teaching scheme continued to support staff in personal reflection on—and development and innovation of—teaching, and in the provision of evidence for use in career progression (promotions and Education Specialist appointments). A pilot program for the induction of new-to-teaching staff at the University was launched in 2017, and will continue to be developed in 2018 as part of a broader professional development framework program. The University became an access subscriber to the Higher Education Academy (HEA), and three staff members were awarded Senior Fellowship of the organisation. Seven inter-faculty communities of practice supported staff development and scholarship in key areas of learning and teaching enhancement.

The University received international recognition in 2017 for teaching excellence, as a finalist in the HEA's inaugural Global Teaching Excellence Award scheme. The University also collaborated with University College London and McMaster University (Canada) on the first in a series of conferences on research-based higher education, including *Connecting Higher Education: International Perspectives on Higher Education* (London, April 2017), and hosted the annual Australasian Conference of Undergraduate Research (Adelaide, September 2017).

## Event highlights

- The seventh Festival of Learning and Teaching, July: *Digital Futures/Digital Capabilities: Design. Create. Transform.* Over 230 delegates registered.
- The annual Beacon Conference of Undergraduate Research, August. 26 students from a range of disciplines made full presentations to over 140 delegates, and 10 presented posters.
- The sixth Australasian Conference of Undergraduate Research, September: 92 presentations were delivered by students, and 15 poster presentations.

## AdelaideX (MOOCs)

In January 2017, the University renewed its partnership with edX, the world's leading non-profit learning-platform provider, to create a range of Massive Open Online Courses (MOOCs) and other open online courses. The University is now a Contributing Charter Member of edX, the most senior level of membership, becoming a member of its global strategic advisory board.

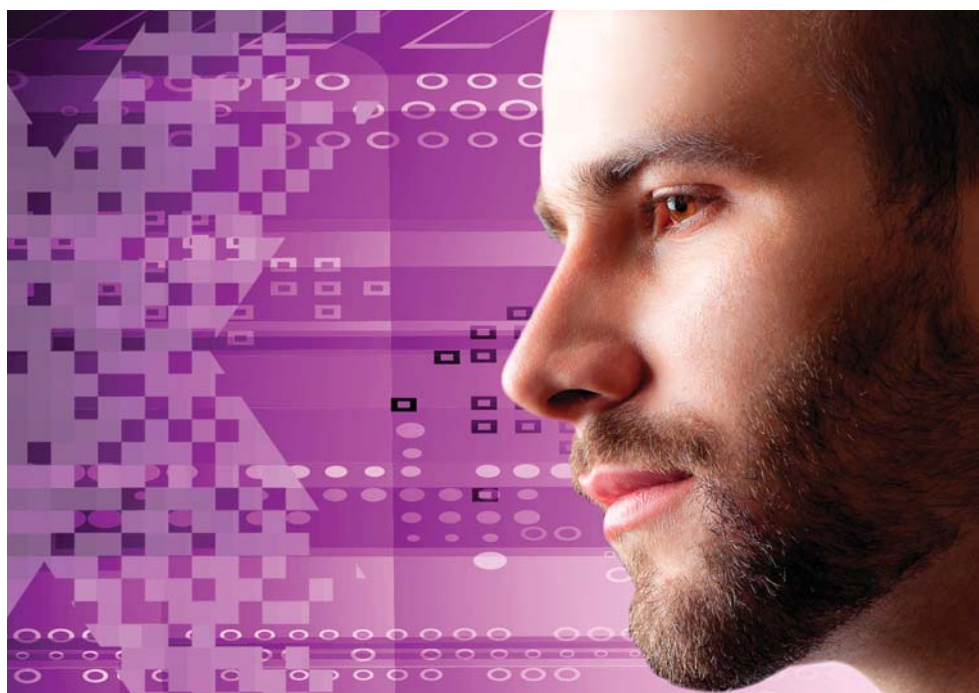
Together with the Faculty of Engineering, Computer and Mathematical Sciences, AdelaideX produced a new postgraduate level microcredential: a MicroMasters® Program in Big Data. This program will feed into a new master's degree in data science from 2018, and attracted more than 60,000 enrolments in its first release between February and December.

The initiative also developed a new MOOC with Faculty of Arts, Shakespeare Matters, released in December. In this course, undergraduate and graduate students joined Associate Professor Lucy Potter and her team in writing and presenting a range of media about why Shakespeare still matters, 400 years after his death.

The University entered into a MOOCs for Credit partnership led by the Technical University of Delft (Netherlands), and joining fellow Group of Eight university partners University of Queensland and Australian National University.

In 2017, AdelaideX:

- attracted a total of 560,000 enrolments, of which 480,000 were individual students, and increased the number of students who've returned for a second or subsequent MOOC to 80,000
- grew the on-campus community of MOOC-enrolled students from 1,500 to 1,900, primarily through lecturer recommendation and adoption
- reached 97% of countries around the world, with strongest demand in America, India, Australia, UK and Canada.



## Global engagement

The University's Global Engagement functions were restructured and consolidated in response to the Review of International Services at The University of Adelaide, with a view to improving and integrating internationalisation service across the University. The new structure appropriately aligns strategy and support with flexibility to take advantage of a rapidly changing international environment. The changes were fully implemented in late August and reflect an integrated team structure that echoes the University's strategic priorities.

Initiatives aimed at supporting global engagement continued to grow, focusing on reframing strategic partner engagement, promoting opportunities, supporting students to have an overseas experience, and enabling students studying in Adelaide to increase their intercultural competence.

## Global Café

Global Café is a new seminar series launched to explore internationalisation at the University. Leading internationalisation thinkers were engaged in discussion about the global future of the University and discussed topics such as: an introduction to integrated internationalisation, the current state of internationalisation at the University, the future of international student recruitment, and internationalising the student experience.

## International partnerships

The Priority Partner program provided 21 grants to build collaboration with the University's priority partners in research, student mobility and teaching and learning. Priority partners are:

- Shanghai Jiao Tong University (China)
- North Carolina State University (USA)
- Nagoya University (Japan)
- University of Alberta (Canada)
- University of Nottingham (UK)
- Harbin Institute of Technology (China)
- Bogor Agricultural University (Indonesia)
- University of Strasbourg (France)
- University of Freiburg (Germany).

The University continues to be an active participant in international networks, including Academic Consortium 21, Mawson Lakes Fellowship Program and the global network of Confucius Institutes.

The Global Engagement team has facilitated 21 high-level visits from 11 countries, and supported the establishment of 38 new international agreements. 10 existing agreements have been renewed and 39 discontinued.



## Student mobility

The number of students undertaking an international study experience continued to increase in 2017, with 1,625 students participating in a total of 1,759 unique experiences. Of these experiences, 645 involved students taking one of the University's 54 international study tours.

The New Colombo Plan Mobility Program awarded the University \$546,040 to support 168 students in 11 mobility projects across the Indo-Pacific, and an additional \$312,400 to support multi-year projects from previous rounds. Three successful consortium applications also provided \$423,500 for 135 students across six Australian universities to have an overseas study experience. The University provided outbound mobility students with a further \$1.2 million in Beacon Travel Grants.

## Experience Adelaide, Global IQ – Connect

The Experience Adelaide program helped 220 international students build personal connections with alumni, staff and students, bringing the total number of students who've participated in the program to almost 1,000. The body of registered Experience Adelaide volunteers is composed of 66% alumni, 14% current or former staff, and 20% current students.

Building on the Experience Adelaide program, the University launched Global IQ – Connect, an extracurricular program that matches international students with domestic students to increase both groups' intercultural exposure, awareness and competence. A total of 490 students engaged with the program in 2017.



## Ngee Ann-Adelaide Education Centre Singapore campus

When the announcement was made to close the campus, there were 725 students attending Ngee Ann-Adelaide Education Centre. Of these, 281 graduated at the end of 2016, 65 were inactive or discontinued, and 114 completed their degrees at the end of 2017. A further 217 students will complete in February 2018. The remaining students are either completing on-campus in Adelaide (23), at Murdoch University in Singapore (23), or have made their own alternative arrangements (two).

With all student, moral and legal responsibilities met in Singapore and Australia, the joint-venture company will wrap up during 2018. A small financial return for shareholders is expected, together with some tax recovery from the Government of Singapore. This closure and teach-out process has been successfully managed, and the University brand remains strong in Singapore.



## Student life, culture and sport

Adelaide University Sport focuses on providing and promoting recreational and sporting experiences—both social and competitive—to the University community. A university sport leaders' conference in April, involving club delegates from all South Australian-based university sport associations, was well attended in its inaugural year, and provided valuable networking opportunities and practical insights for our student administrators.

In relation to inter-varsity activity, the men's Australian rules football team remained undefeated, following strong wins against Melbourne University and Australian National University. With funding support from South Australian Government and Rugby Australia, the University entered a women's rugby sevens team in the inaugural University Series, designed to provide a developmental pathway through to the Olympic team. Against some dominant rugby-state universities, the University managed a very creditable fifth place, a testament to the calibre of our high-performance program.

Through the collaborative work of the Adelaide University Football Club and the Adelaide University Cricket Club, a new white picket fence was unveiled at the University Oval on Remembrance Day. The fence commemorates those members of the clubs who served in the armed forces during World War 1, some of whom died in the line of duty.

Congratulations to students William Campbell (fencing) and Joseph Parnis (water polo) on their selections in the Australian University team, which competed in the World University Games in August.

## Adelaide University Union

The University of Adelaide continued to grow the student experience with a broad range of programs, events, services, clubs and activities through the Adelaide University Union (AUU).

A total of 83 events were delivered across all three campuses by the Union in 2017, with more than 39,000 total attendees. O'Week was again a highlight of the events program, with thousands of new and returning students immersed in five days of entertainment, activities, games and more. Other 2017 events included: The Garden Bar, Stress Less, the Adelaide University SALA exhibition, and Summer Expo, with live music, market stalls, rides and summer-themed activities.

More than 40% of the student population were members of at least one of the 150 non-sporting clubs offered by the AUU in 2017. The clubs provide a range of special-interest activities, social events and professional development opportunities central to the University's student experience.

The union's essential student service offerings were in high demand, with 240 students placed into casual and part-time work in a variety of industries, and a further 460 students provided with employment training through the AUU Employment and Volunteering Service.

Student Care had contact with over 5,500 students and provided support and advocacy to over 1,700, with a range of academic, financial and personal challenges.

## Indigenous education

The University of Adelaide continues to make progress against metrics and initiatives outlined in its integrated Aboriginal and Torres Strait Islander Education Strategy, Tarrkarri Tirrka (Future Learning).

In 2017 we exceeded our Indigenous student enrolment target (272 against a target of 257), with 26 students completing their degree (undergraduate and postgraduate). The staff target (50) was also exceeded, with 52 continuing and fixed contracts across the five faculties and divisions. Additionally, there were 25 casual staff on record, and the Aboriginal Cadetship Program increased its placements from three to 16.

The Karnkanthi Indigenous Education Program was launched as part of Reconciliation Week. Karnkanthi offers streamlined support to ensure the success of high-achieving senior secondary Indigenous students to prepare them for university study. There are 29 students participating in the program.

Wirrtu Yarlu, through its Marni Wingku program, welcomed a record 223 students and 30 teachers across 24 metropolitan schools, who engaged in 11 faculty-based activities.

Wirrtu Yarlu also employed two Kaurna Cultural Advisors to provide cultural support and guidance for University staff and students. During 2017 they performed over 30 Welcomes to Country.

The University of Adelaide's first Reconciliation Action Plan committee was formed and convened in 2017. The Reconciliation Action Plan will build on the strategic directions set by the Tarrkarri Tirrka, and identify practical ways to further advance positive, sustainable relationships with Indigenous students and staff.





## University libraries

### Library organisation

A number of iterative and incremental changes have been made to gradually realign library staff capacity and capability into two new interconnected portfolio areas: Library Experience, and Academic Engagement.

University Archives and Recordkeeping (UniARK) returned from Technology Services to sit within the Academic Engagement portfolio.

### Library services

A very visible development in University Library frontline service delivery during 2017 was the establishment of Ask Library. Staff wearing red t-shirts provide side-by-side (at elbow) services at readily identifiable, bright and energetic service points in all libraries.

Another service development was the opening of level three of the Barr Smith Library 24 hours a day, seven days a week. This is the area where the Barr Smith's high-use collection is located, giving students extended access to the most heavily used items in the print collections.

University Library has also been actively involved in a high-profile, collaborative project to encourage all researchers at the University to register for an ORCID—a unique and persistent identifier for researchers, connecting them with their research activity throughout their careers.

The bi-annual Library Client Survey (InSync) was run over a two-week period in October. Among the key findings:

- 68% of University students use the Barr Smith Library most often
- 14% use the online library only
- branch libraries had low levels of regular use, with the Law Library highest at 7.6%
- University Library performed well in terms of service delivery, ranking highest among Group of 8 libraries in this category, and improving on its performance in 2015.

### Library collections

The Collection Revitalisation Project, set up in late 2016 to manage the Library's extensive legacy print collections, has identified and disposed of print journals also available in electronic format, and identified and relocated low-use print books to the shared storage facility at Flinders University. As a result of this work, together with some consolidation of staff workspace, student study space in the Barr Smith Library has increased from 16% of the overall space to 45%.

## Student recruitment and admissions

The University's student recruitment and admissions functions were restructured as part of the Professional Services Reform Program, with the new structure coming into effect in January 2017. Since then, a three-year (2017–2020) University-wide student recruitment strategic plan and supporting operational plan have been developed and approved.

## Children's University

Children's University Australia (CUA) continues to provide aspirational outreach programs to disadvantaged and regional students through its programs, including CUA, Adelaide Compass, and the Regional Lecture Series. Approximately 10,500 South Australian students were engaged through these initiatives in 2017.

CUA expanded its national footprint, with Edith Cowan University and Charles Darwin University launching the program. Graduations occurred across four CUA centres, with Charles Darwin planning to hold its inaugural graduation in the first half of 2018.

Since its inception, 8,500 Passports to Learning and Passports to Volunteering have been issued in South Australia. There are now 290 organisations that have joined as Learning Destinations including: Scouts, Bunnings, YMCA, Surf Life Saving, Libraries SA, Premier and Cabinet's Open State, Tennis SA, and the National Trust.

Nationally there are over 11,000 student members and in excess of 500 Learning Destinations.

In 2017, CUA was recognised as Winner for Outstanding Achievement in The Australian Charity Awards.

## STEM Regional Lecture Series

The Regional Lecture Series, funded through the federal government's National Priority Pool grant, held 10 events promoting science, technology, engineering and mathematics (STEM) to students across regional South Australia. The events targeted students from Year 6 to Year 9, and were focused on the towns of Whyalla, Port Augusta, Port Pirie, Renmark and Murray Bridge. Over 2,154 people participated.

The dedication and commitment of 46 University academic, PhD and undergraduate student volunteers was a key component of the project's success.

A three-day National Science Week Camp was also held in Adelaide, attended by 19 Year 9 Murray Bridge and Renmark High School students. All were female and had self-selected to attend. The camp was the result of a grant from the National Science Week group, and was provided free to the schools and students.

## Adelaide Compass

Adelaide Compass was able to continue in 2017 through an extension of the Journey to Higher Education project, and continued to develop online resources to support its work in disadvantaged communities. The resources are online and can be accessed by all schools looking for Year 4, 5, 6 and 7 lesson plans, matched to the national STEM curriculum. The program ended in December 2017.

## Scholarships

University-funded scholarships continued in 2017 to support students who either: demonstrated outstanding academic merit, were in financial need, from rural or isolated areas, or non-English speaking backgrounds.

The University administered over 100 donor-funded scholarships. New among these was a \$15,000 scholarship from BAE Systems, and \$20,000 was donated by the Cowan Grant Trust to fund overseas travelling scholarships.

In addition to newly funded scholarship recipients, 410 students received ongoing undergraduate, honours or postgraduate coursework scholarships to the value of \$1,500,853. This lifts the total value of University scholarships over \$3.06 million.

New scholarships funded in 2017:

FUNDING SOURCE	NUMBER OF NEW SCHOLARSHIPS AWARDED	TOTAL VALUE
Australian Government	29	\$70,303.00
University of Adelaide	247	\$997,605.00
Donors*	92	\$495,200.00
<b>Total</b>	<b>368</b>	<b>\$1,563,108.00</b>

\*Includes corporate donors, state government, private philanthropists and bequests.

## Quality and review

A major review of academic unit and program reviews was undertaken in 2017, with a final report to be presented to the Vice-Chancellor's Executive in early 2018. The review considered the guiding principles and processes for reviews and how they can best support the learning, teaching and research activities of the schools, faculties and University as a whole. The report and its recommendations are expected to result in a much enhanced process.

Across the curricula, 60 program proposals were considered by the Program Approval and Entry Committee in 2017 (12 new programs, 25 major revisions, eight removals and 15 revised admissions criteria).

The Learning and Quality Support unit undertook seven reviews in 2017. Several programs offered by the University continue to be accredited by professional organisations, ensuring graduates are professionally qualified and competent to work in their chosen vocation, and serving as a quality measure for individual programs.

The following tables provide a summary of units and programs reviewed and/or professionally accredited in 2017.

### REVIEWS

Confucius Institute
Undergraduate and Postgraduate programs in Environmental Policy and Management
School of Social Sciences
School of Physical Sciences
Undergraduate and Postgraduate programs in Psychology
School of Medicine
Postgraduate programs in Public Health

### PROFESSIONAL ACCREDITATION

Master of Arts (Translation and Transcultural Communication)
Graduate Diploma (Translation and Transcultural Communication)
Bachelor of Engineering (Honours) (Chemical - Minerals Processing)
Bachelor of Engineering (Honours) (Chemical - Sustainable Energy)
Bachelor of Engineering (Honours) (Electrical and Electronic)
Bachelor of Engineering (Honours) (Electrical and Sustainable Energy)
Bachelor of Engineering (Honours) (Mechanical - Computational)
Bachelor of Engineering (Mechanical and Sustainable Energy)
Bachelor of Engineering (Honours) (Chemical and Pharmaceutical)
Bachelor of Engineering (Honours) (Chemical)
Bachelor of Engineering (Honours) (Civil and Architectural)
Bachelor of Engineering (Honours) (Civil and Environmental)
Bachelor of Engineering (Honours) (Civil and Structural)
Bachelor of Engineering (Honours) (Computer Systems)
Bachelor of Engineering (Honours) (Electrical and Electronic)
Bachelor of Engineering (Honours) (Mechanical and Aerospace)
Bachelor of Engineering (Honours) (Mechanical and Sports)
Bachelor of Engineering (Honours) (Mechanical)
Bachelor of Engineering (Honours) (Mechatronic)
Bachelor of Engineering (Honours) (Mining)
Bachelor of Engineering (Honours) (Petroleum)
Bachelor of Engineering (Honours) (Software)
Bachelor of Engineering (Honours) (Telecommunications)
Master of Engineering (Aerospace)
Master of Engineering (Chemical)
Master of Engineering (Civil and Environmental)
Master of Engineering (Civil and Structural)
Master of Engineering (Electrical)
Master of Engineering (Electronic)
Master of Engineering (Mechanical)
Master of Engineering (Mechatronic)
Master of Engineering (Mining)
Bachelor of Medicine / Bachelor of Surgery
Bachelor of Oral Health
Bachelor of Psychological Science
Bachelor of Psychological Science (Honours)
Master of Psychology (Organisational and Human Factors)
Master of Psychology (Health)
Master of Psychology (Clinical)
Doctor of Philosophy / Master of Psychology (Clinical)
Doctor of Clinical Dentistry (Periodontics)
Doctor of Clinical Dentistry (Special Needs Dentistry)
Graduate Certificate in Family Enterprise





## Educational compliance

The University is required to undertake an independent external audit once every five years to maintain compliance with the *Education Services for Overseas Students (ESOS) Act*. The University ESOS audit was conducted in April 2017 by Professor Hilary Winchester, and an audit of evidence prepared by LQS.

The auditor's report included four recommendations for compliance, 13 recommendations for improvement, and six commendations. LQS coordinated the development of a comprehensive

implementation plan addressing each recommendation, which—together with the audit report—were submitted to TEQSA in September 2017. In their response, TEQSA noted the detailed nature of the external ESOS audit, and commended the University's implementation plan for addressing the recommendations for compliance and improvement. An official update is required by TEQSA by 2 April 2018 on the status of all recommendations for compliance and improvement.

## Policy portfolio

The following policies were approved by the University Academic Board in 2017.

POLICY	APPROVED BY ACADEMIC BOARD	EFFECTIVE DATE
Coursework Academic Programs Policy	1 November 2017	1 January 2018
Fees for Award Programs and Courses Policy	17 May 2014 (VCE)	1 August 2017
Academic Progress Coursework Students Policy (mini review)	7 June 2017	7 June 2017

# RESEARCH

The University's research mission is to conduct world-class research and innovation, engage globally, and partner with industry, government and the community to create high-value economic and social dividends.

The Division of Research and Innovation provides critical research support services and infrastructure to University staff and research students, as well as strategic support to maximise future opportunities. The division comprises the following key portfolio areas:

- Adelaide Enterprise
- Adelaide Graduate Centre
- Adelaide Microscopy
- Laboratory Animal Services
- Office of the Deputy Vice-Chancellor and Vice-President (Research)
- Research and Business Partnerships
- Research Services
- ThincLab Adelaide.

## Context and overview

The University's 2016-2018 research strategic plan, *Adelaide Research for Impact*, is aimed at ensuring our position as an internationally eminent, research-intensive university that generates local, national and global impact. In 2017, the second year of the plan, we implemented a considerable number of initiatives. These included:

- establishing a new innovation hub, ThincLab Adelaide, to facilitate a collaborative and entrepreneurial community and stimulate an entrepreneurial culture
- delivering the second round of the University Research Fellowship Scheme to attract and retain top talent, and fast-track research career development
- funding a series of new interdisciplinary research projects to enhance discovery and innovation
- expanding our PhD programs to include more industry-linked scholarships and placements, one example being with the South Australian Equal Opportunity Commission
- developing new collaborative opportunities with peak industry bodies, including those in the defence, agriculture and resources sectors
- increasing our alignment with state, national and sectoral research priorities, such as consolidating the University research themes of defence and security, and food innovation
- establishing new multilateral, international partnerships, such as with government and industry organisations in Shanxi Province, China
- improving support for researchers via enhanced systems and services, such as online ethics approval processes, and strengthened high-performance computing facilities.

## Research key objectives

The University's key research priorities include:

- attracting and retaining top talent
- fast-tracking research career development
- stimulating interdisciplinary research
- recruiting highly-cited researchers
- enhancing PhD programs
- promoting translation of research
- lifting end-user utilisation and commercialisation of our research
- encouraging partnerships with industry and entrepreneurs
- improving support for researchers via enhanced systems, services and infrastructure.

## Research themes

Our two University research themes are mechanisms to promote and coordinate the application of cognate and complementary capabilities across structural and discipline boundaries. They are aligned to state and/or national research and innovation priorities. Some initiatives of note include:

### Defence and Security

In March 2017, the Defence Industry Education and Skills Consortium was announced. A joint initiative of the University of Adelaide, Flinders University, the University of South Australia, TAFE SA and the Defence Teaming Centre, the consortium will work closely with defence industry companies to deliver a defence-ready—and especially maritime-ready—workforce, with skills in engineering, information and computer technology, and project management.

In November, Defence Industry Minister Christopher Pyne launched the new University of Adelaide Defence Research and Innovation Network, which will involve Defence Science and Technology (DST) Group and defence industry researchers working on-campus alongside University researchers and students. They will collaborate on projects across more than 20 research areas, including photonics and advanced sensing, machine learning and artificial intelligence, distributed software systems, and cyber security.

## Food Innovation

The University of Adelaide and the Orana Foundation established a major new research partnership to support the development of an Australian native food industry. The partnership delivers a key pillar of the Orana Foundation's aims to foster the research and cultivation of native Australian ingredients for the benefit of remote Indigenous communities. Funded by a \$1.25 million South Australian Government grant to the Orana Foundation, the partnership's research focuses on building a native food database, and conducting assessments into food quality, food flavours and plant production.

The Food Innovation theme director produced a strategic plan and capability statement to shape, coordinate and promote the University's research in this important interdisciplinary area. The plan is focused on four main areas: optimising production and processing, next generation products, new markets and partnerships, and education for a competitive workforce.

## Research institutes

The University's research institutes are charged with attending to national and state priorities, tackling grand challenges of critical value to society, operating across multiple disciplinary boundaries, and working with key industries.

### Environment Institute

Institute focus: develop and implement solutions to improve the health of the environment and our wellbeing, and sustain our economy.

#### 2017 highlights

- An ARC Linkage Grant worth a combined cash and in-kind total of \$2 million was received for a team led by Dr Liz Reed and Dr Lee Arnold to investigate biodiversity and environmental change in the Naracoorte Caves.
- Professor Kristofer Helgen arrived at the University from the Smithsonian Institution.
- The Australian Centre for DNA and SA Museum won a Eureka Prize for their Aboriginal Hair Project, which was published in the journal *Nature* in March.
- Professor Bronwyn Gillanders was awarded a Goyder Water Research Institute grant for the Coastal Carbon in the Spencer Gulf Ecosystem and Development Initiative.
- Professor Andy Lowe and Ben Sparrow featured as a cover story in *Science* on their discovery that new dry forest comprises 10% of Australia's landmass.
- The University of Adelaide received a licence to train drone pilots through the Centre of Applied Conservation Science, and ran courses in five countries.

### Institute for Mineral and Energy Resources (IMER)

Institute focus: large-scale, interdisciplinary opportunities and challenges in deep resources, deep mining, complex processing, unconventional energy resources, and reliable low-cost and low-emission energy technologies.

#### 2017 highlights

- IMER led the University's successful application to the Department of State Development from the Premier's Research and Industry Fund Research Consortia Program, winning \$4 million over four years for a project called 'Unlocking Complex Resources through Lean Processing'.
- The Geovision Cooperative Research Centre Project was awarded \$2.1 million over four years by the Australian Government, and \$2.4 million in cash and in-kind support from project partners Boart Longyear and SRA Information Technology.
- IMER and the Centre for Energy Technology established the Green Hydrogen Group to connect expertise and technology development within the University and external partners.
- The University continued to have a global impact in its research around magnetotellurics (MT). We are the National Facility for MT research and infrastructure, and our research is forming the basis for understanding the earth's structure and where the biggest mineral deposits may lie.

### Institute for Photonics and Advanced Sensing (IPAS)

Institute focus: a transdisciplinary approach that brings together experimental physicists, chemists, material scientists, biologists, engineers and medical researchers to create new sensing and measurement technologies.

#### 2017 highlights

- \$1.4 million of funding was received for a major new 3D printing network and company based in South Australia.
- New start-up Miniprobes Pty Ltd was launched in January 2017, led by Professor Rob McLaughlin.
- IPAS members Associate Professor David Ottaway and Professor Peter Veitch were part of the global team that detected gravitational waves, and played a key role in team members from the United States of America winning the 2017 Nobel Prize.
- Professors Andre Luiten, Bob Vincent and Heike Ebendorff-Heidepriem, and Associate Professor Tara Pukala, won highly distinguished national and international awards.
- Dr Jonathan George and Dr Wenle Weng were awarded prestigious national and international fellowships.
- A new international strategic partnership with China was established: the China-Australia Joint Laboratory for Fibre-optic Oil/Gas Detection Innovation.





### **Robinson Research Institute**

**Institute focus:** the early-life events and determinants that build health and resilience in children and families over the life course, and across generations.

#### **2017 highlights**

- Demonstrating that a 100-year-old underutilised fertility treatment is safe and reduces the need for IVF.
- Proving administration of antenatal magnesium sulphate prior to preterm birth protects the fetus against cerebral palsy.
- Developing a new 3D-printed lattice to facilitate efficient and cost-effective generation of regulatory T cells for immunotherapy.
- Uncovering critical defence mechanisms against Zika infection to inform design of vaccines against the Zika virus.
- In partnership with SA Health, institute members commenced a world-first Meningococcal B study, recruiting 34,500 students. This study provided free vaccinations to Year 10, 11 and 12 students as part of the B Part of It study, to define the impact of immunising a large community group against the disease.
- New research partnerships were established with stakeholders from not-for-profits, government, outreach organisations and the community to develop new research areas and speed the translation of research into practice.

### **Waite Research Institute (WRI)**

**Institute focus:** plant genetics and genomics, crop development, viticulture and oenology, food and nutrition and natural resource management.

#### **2017 highlights**

- The multi-partner ARC Industrial Transformation Training Centre for Innovative Wine Production, based at the Waite campus and supported by the WRI, received a further \$4.5 million funding over the next five years.
- A streamlined and comprehensive online portal to the Waite research precinct—located at [www.thewaite.org](http://www.thewaite.org)—was launched in a shared initiative led and resourced by the WRI. The WRI also maintains an active social media presence on behalf of the agriculture, food and wine contingent at the Waite campus.
- Members of the WRI produced more than 500 research publication outputs for the calendar year.
- The second Waite in the Spotlight event was held in September with a capacity crowd. The event is a shared Waite precinct initiative, featuring short TEDx-style talks for a broad audience and celebrating the diversity of research at the campus.

### **Australian Institute for Machine Learning (AIML)**

On 9 December 2017, the University of Adelaide announced the establishment of a new institute to research the capacity of machines to learn, and to help deliver the ‘fourth industrial revolution’ (new technologies fusing the physical, digital and biological worlds) for Australia. The AIML is being supported by the Government of South Australia with a \$7.1 million investment, including \$1.5 million prioritised for defence capability research. The institute will help lead South Australia through economic transformation, directly supporting South Australian businesses to develop new products based on artificial intelligence and upskilling the workforce of the future.

## Research centres

The University has over 40 research centres across the full spectrum of its research strengths.

Two new University research centres were approved in 2017:

- Centre of Materials for Energy and Catalysts, which provides a platform to facilitate multidisciplinary research related to key areas including energy, climate change, environment, and bioengineering
- Future of Employment and Skills Research Centre, looking at the way the nature of work is changing and what that means for the skills required for employment.

In July, the South Australian Government approved the SA Additive Manufacturing Applied Research Network, a University venture in conjunction with the Stretton Centre, designed to deliver an SA-based Stage 2 metal 3D printing bureau, and an ecosystem for South Australian companies to grow their businesses. This is part of the Government's \$2 million commitment to establish the Innovative Manufacturing Cooperative Research Centre, in partnership with the University of Adelaide.

The University is an essential participant in the new Cyber Security Cooperative Research Centre, led by Edith Cowan University, and involving 25 industry, research and government partners.

## Research performance

The University is currently ranked in the top 140 universities worldwide in the three major international rankings schemes. It's particularly noteworthy that our strategies have seen the University progress 72 places over the last five years in the prestigious Academic Ranking of World Universities. This reflects the excellence of our researchers and support staff.

INTERNATIONAL RANKING SCHEME	2017 RANK
Shanghai Jiao Tong Academic Ranking of World Universities	139
Times Higher Education World University Rankings	134
QS World University Rankings	109

## Research indicators

PUBLICATIONS			
Research publications*			
	Weighted score	National rank	% of total
2016	n/a	n/a	n/a

\*Publications data no longer collected as it no longer drives Research Block Grant funding

HDR LOAD AND COMPLETIONS						
	HDR load*			HDR completions		
	EFTSL	National rank	% of total	Number of completions	National rank	% of total
2017	1625.0	n/a	n/a	413^^	n/a	n/a
2016	1637.7	n/a	n/a	405^	8	3.86%

\*HDR load data no longer collected at national level as it no longer drives Research Block Grant funding. UoA figures from Data Warehouse.

^Source: DET funding announcement 22/12/2017.

^^Preliminary completions figure only from ORBIT 8/01/2018

## Major research grant outcomes

The University attracts research income from a wide variety of sources. The following is an overview of some of the major funding outcomes for 2017.

### Australian Research Council (ARC)

Major ARC grant funding awards for 2017 were announced in November, with the University awarded approximately \$12.3 million across the Discovery Project, Discovery Early Career Researcher Award, Discovery Indigenous, and Linkage Infrastructure Equipment and Facilities (LIEF) schemes. Research projects that will utilise this funding include:

- reproductive strategies for crop improvement
- understanding the development and outcomes of gender equality policies
- improving the thermal environment of housing for older Australians
- deep learning in computer vision
- understanding the central pathways processing visceral pain
- exploring fundamental physics by developing new technologies to exploit data readout and analysis techniques.

In June 2017, the University was awarded \$4.32 million for two prestigious Australian Laureate Fellowships, to Professor Shizhang Qiao, Chair of Nanotechnology in the School of Chemical Engineering, and Professor Mathai Varghese, Elder Professor of Mathematics in the School of Mathematical Sciences. This outcome represented our equal highest number of awards since the establishment of the scheme, and our second highest level of funding.

Additionally, the ARC awarded \$3.14 million for four Future Fellowships, and \$4.46 million for the renewal of the ARC Training Centre for Innovative Wine Production, originally established in 2013.

Including the award in May of two Linkage Project Grants worth \$980,000, this brought the University's total ARC funding for the year to \$25.2 million.

### National Health and Medical Research Council (NHMRC)

The NHMRC awarded the University approximately \$31.3 million in funding for 2017 across a variety of schemes, including project grants, partnership grants, centres of research excellence, grants and fellowships. The funding will lead to new discoveries and outcomes in fields such as: stillbirth, cardiology, prostate cancer, leukaemia, stroke rehabilitation, brain injury, type 1 diabetes, transplantation, bacterial infections, and Indigenous health.

The 29 Project Grants awarded, represented our highest number of grants and highest level of funding (\$21.8 million) over the last five years. In addition, this round also saw the highest amount of funding ever awarded to the University for Early Career Fellowships (\$3.8 million).

The highlights of the funding outcomes included:

- \$2.5 million for a Centre of Research Excellence in Targeted Nutrition to Improve Maternal and Child Health Outcomes, led by Professor Maria Makrides (Adelaide Medical School and the South Australian Health and Medical Research Institute).
- \$1.2 million for an NHMRC Partnership Project Grant to Professor John Beltrame (Adelaide Medical School) to evaluate how many patients continue to experience chest pain after elective coronary stenting.
- \$985,585 awarded to Professor James Paton for research into a serotype-independent, broad spectrum pneumococcal vaccine.
- University of Adelaide researchers working in close collaboration with many research partners, including the state's public hospitals and the South Australian Health and Medical Research Institute.

### Other grant outcomes

The Grains Research and Development Corporation (GRDC) was awarded: \$2.3 million for Associate Professor Gurjeet Gill's project in cultural management for weed control, \$1.3 million for work led by Associate Professor Ken Chalmers to develop deep sequence profiles and assemblies for 10 diverse wheat genotypes and just over \$1 million to enhance infrastructure for grains research at Waite.

The Australian Grape and Wine Authority was awarded \$4.35 million for a five-year project, *Understanding the drivers of terroir in the Barossa Valley*, led by Dr Cassandra Collins in the School of Agriculture, Food and Wine.

Nine University research projects were supported by the Defence Science and Technology (DST) Group's Competitive Evaluation Research Agreement program, with combined funding of \$877,000. This program supports collaboration between University academics and DST scientists to work on solutions to key defence science and technology problems.

The Channel 7 Children's Research Foundation awarded six grants worth approximately \$447,000 to University of Adelaide researchers.

Professor Wayne Tilley, Director of the University's Dame Roma Mitchell Cancer Research Laboratories, was awarded a \$2.5 million Breast and Prostate Cancer Linkage Grant from the National Breast Cancer Foundation and the Movember Foundation.

Meat and Livestock Australia granted the School of Animal and Veterinary Science over \$1.9 million for six new projects, including a significant grant for Professor John Williams to explore targeted genome editing opportunities with Brahman cattle.

The Australian Government's Indigenous Languages and Arts Program funded Dr Rob Amery from the School of Humanities \$600,000 over five years for the project *Kurna Language: breaking new ground*.



## Industry–research collaboration

The *National Survey of Research Commercialisation 2013–2015* released in 2017 shows that in 2015 the University of Adelaide had the fourth highest value (\$84 million) and number (1,297) of research contracts, consultancies and collaborations in Australia. The University is in the top seven institutions nationally in all main categories, and—in almost every category—the only South Australian university in the top 10.

The following are examples of successful 2017 initiatives in research–industry collaboration:

- The University was awarded \$4 million by the South Australian Government for the establishment of a research consortium, *Unlocking Complex Resources through Lean Processing*, to develop advanced technologies to boost South Australia’s copper production and develop a globally competitive mining technology services sector. Additional funding is being provided by the University of Adelaide and a wide range of mining sector and research partners. Total funding is \$14.6 million over four years.
- There has been good growth in funding across various disciplines in the environment and sustainability sector, with the University receiving over \$2 million in funding through the South Australian Government and the Goyder Institute for Water Research.
- The University of Adelaide and French company Jeumont Electric signed an agreement to establish a collaboration between the two entities. Jeumont Electric, a leading specialist of electrical rotating machinery and control, will receive seven engineering students from the University of Adelaide for six-month internships.



## Spin-out companies and technology development

The University’s \$400,000 Commercial Accelerator Scheme (CAS) continued with its support of researchers to encourage more opportunities for spin-out companies. Of 11 applications, six were successfully funded and two received encouragement awards. The CAS is now in its 11th year. Since inception, and including this year, it has provided \$4.22 million in funding to 47 projects.

Other highlights for the year included:

- Forming ART Lab Solutions, the first researcher-led spin-out company in which the University has taken equity.
- Engaging with TechInSA for the award of two SA Early Commercialisation grants to support new spin-out ventures.
- Commencing a 10-year, \$200 million agreement with IP Group to fund investment in spin-out companies from Go8 universities.

- Actively pursuing new international markets for grains and almonds.
- Executing 17 new licence deals to get intellectual property out into industry, including deals with a number of South Australia–based start-up companies.
- Continuing a collaboration with global biopharma company AstraZeneca to give University researchers access to AstraZeneca’s drug compounds for research into the development of new medicines.
- Having 12 University teams selected to participate in two rounds of the CSIRO ON Prime program. The teams participated in an intensive eight-week program to validate their science and technology ideas in the lab and marketplace.





### Promoting business innovation

ThincLab, the University's new innovation hub, is designed to:

- facilitate a collaborative and entrepreneurial community
- attract diverse members and mentors with wide-ranging knowledge and experience
- facilitate creativity and collaboration
- stimulate an entrepreneurial culture
- link to other innovation precincts, both internal and external.

The ThincLab Adelaide facility includes a business incubator, with a mix of more than 50 new ventures. Their focuses range from medical services to satellites, 'fin-tech', social enterprise, engineering, virtual and mixed reality, computer science, and agricultural science.

The hub also provides its more-than-100 registered occupants with access to an advanced technology lab, featuring cutting-

edge 3D printers and vision equipment, and houses Adelaide Enterprise (the University's research commercialisation unit) and the Entrepreneurship, Commercialisation and Innovation Centre Australian eChallenge Venture Accelerator programs.

ThincLab Adelaide is part of a distributed network model (ThincNet), and work is underway to establish local ThincLab nodes on other campus locations. Internationally, two ThincLab nodes were established during the year—one in the Singapore Biopolis Innovation Precinct, and one in the French town of Chalons-en-Champagne.

In June 2017, the University achieved certification from the Accreditation Council for Entrepreneurial and Engaged Universities based in the Netherlands, becoming the first Australian university to do so.



## Research training

The University enrolled 572 new higher-degree-by-research (HDR) students in 2017, comprising 370 domestic and 202 international students. Full-year figures for 2017 show a record 414 HDR completions, comprising of 364 PhDs and 50 Masters by Research students. This builds on the previous record of 405 achieved in 2016.

As part of the University's continuing commitment to support research trainees, domestic research students were supported by 191 Research Training Program stipends, complementing 150 University Divisional Scholarships. The University also provided 98 scholarships for international research students to cover tuition fees and a living allowance. In this latter category, the number of scholarships awarded was 30% higher than the previous year.

The research communication competition *Three Minute Thesis* was held for the seventh year. This competition helps HDR students develop academic and research communication skills. The 2017 competition was won by Ms Jemma Seyfang, for her outstanding presentation *How to become a successful pigness woman*.

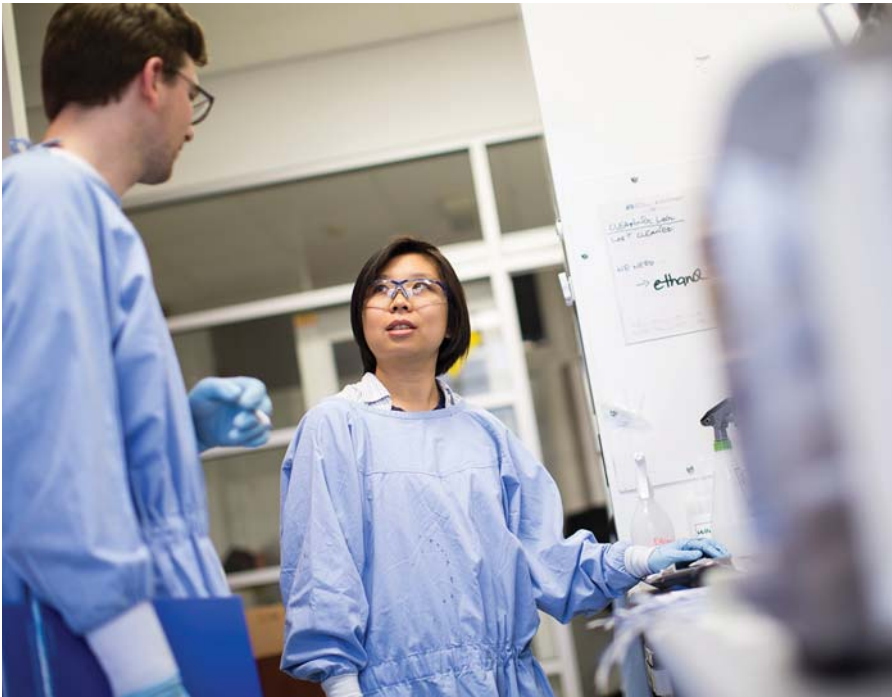
In line with one of the objectives of the 'Innovation' theme in the University's research strategy, the Adelaide Graduate Centre created a new PhD program in collaboration with the South Australian Equal Opportunity Commission (EOC). It includes industry experience via an internship in the EOC, with academic supervision and fortnightly one-on-one meetings with the Commissioner.

The University also selected 20 PhD students to participate in the Industry Mentoring Network in STEM.

Participants working in medtech-pharma and energy resources were provided with the opportunity to: increase their understanding of the industry sector, develop the necessary skills for success in the broader STEM sector, and extend their professional network. In addition, one PhD student was accepted into the Westpac Go8 STEM PhD program—a joint program where students receive career mentoring from senior executives, and significant professional development and transferrable-skills training opportunities.

The University's Career and Research Skills Training (CaRST) program officially launched in 2017. CaRST equips graduates for a diverse array of research and research-related career paths, both within and outside academia. During the year, the scheme adopted the UK's Vitae Researcher Development Framework, a widely endorsed skills framework for the professional development of researchers, and delivered 85 training sessions for over 3,300 attendees.

The University also continued to establish joint PhDs with international universities. New arrangements were put in place with the Université Paris-Est and the University of East Anglia, building on those with the University of Nottingham, the University of Freiburg and Nagoya University.



## Research support

The University continued to invest in research infrastructure and other initiatives to support the University's researchers in achieving their goals.

### University of Adelaide Research Fellowships Scheme

The second round of the University of Adelaide Research Fellowships Scheme was conducted in 2017, with funding awarded to 18 applicants of outstanding research calibre and potential. Their research programs relate to various strategic priority and high-performing research areas, including cyber security, energy, nanophotonics, genetics and evolution, structural engineering, plant physiology, biomimetrics, architecture, social sciences and health.

### University of Adelaide Interdisciplinary Research Fund

Addressing global challenges and national priorities with interdisciplinary teams is a key strategic objective in the University's research strategy. The 2017 Interdisciplinary Research Fund encouraged projects relating to big data, Indigenous culture, sustainability, energy security, traditional Chinese medicine, defence and cyber security, and humanitarian solutions. Funding was awarded for 11 new projects, worth a total of \$670,000.

### University of Adelaide Research Infrastructure Scheme

The Research Infrastructure Scheme provides our researchers with top-quality research infrastructure and related services, contributing to a high-performance research culture. Four grants were awarded in the scheme's 2017 round, totalling approximately \$1.5 million. These will fund a: biopharmaceutical process facility, high-resolution in-vivo micro-CT, 'Nanoimager' microscope system, and an ultra-fast high-resolution camera for fluorescence microscopy.

### Barbara Kidman Women's Fellowships

The sixth round of the successful Barbara Kidman Women's Fellowships scheme was conducted in 2017. The initiative supports female academics to enhance and promote their research careers, particularly where their research momentum has been affected by caring responsibilities. The successful recipients of 2018 fellowships were: Dr Natalie Betts (Agriculture, Food and Wine), Dr Zoe Doubleday (Biological Sciences), Dr Tracey Fitzsimmons (Adelaide Dental School), Dr Clare Hume (Public Health) and Dr Wendy Lindsay (Entrepreneurship, Commercialisation and Innovation Centre).





# EXTERNAL RELATIONS

With approximately 6,000 students graduating annually, the University of Adelaide's alumni body has grown to 130,000 graduates, spread across 134 countries. With the support of the Alumni Council, the University delivers a range of alumni events and programs, as well as partnering with alumni to establish and maintain local networks.



## Alumni relations

In 2017, the University launched two new alumni networks in China (Shanghai and Beijing), and a new network was introduced for the MBA program. These three new networks take the University's total alumni-run networks to 15.

Other international networks include those in:

- Malaysia
- Hong Kong
- Singapore
- Thailand
- UK
- North-East USA.

Local networks include:

- Art and History Curatorship
- John Bray Law
- Friends of the Library
- Affiliated sporting groups
- Roseworthy Old Collegians Association
- Wine Alumni.

Key alumni events in 2017 included the Singapore Learning Fiesta, the Golden Jubilee for 140 alumni celebrating their 50th reunion, the Alumni Breakfast Series, and the Distinguished Alumni Awards. A number of reunions and engagement events were also held across the world, including a special alumni event to coincide with the International Astronautical Congress, featuring retired NASA astronaut Dr Andy Thomas, AO, and fellow alumni Dr Kimberley Clayfield, Dr Justin Hardi and Ms Andrea Boyd.

Alumni continued to participate in the Experience Adelaide program, connecting first-year international students with Adelaide-based alumni families. Over 180 alumni in Australia and internationally volunteered their time to support the alumni networks.

Seven members were appointed or re-appointed to the Alumni Council by way of faculty elections and direct Council appointments in 2017, with Louisa Rose (B App Sc (Wine Sc) 1993) appointed as the new chair (replacing Dr Tim Cooper, who's term had expired). Representatives on the Alumni Council are based in Australia, the United Kingdom, Singapore and Hong Kong. The Alumni Council played a vital role in advising the work of the alumni office in 2017, including review and endorsement of a new alumni engagement strategy for 2017-2018.



*Aerospace presentation with retired NASA astronaut Dr Andy Thomas, AO (third from left), and fellow alumni Dr Kimberley Clayfield, Dr Justin Hardi and Ms Andrea Boyd.*

## Philanthropy

The University received gifts and pledges totalling \$7.98 million during 2017, from 1,160 individual donors. The generosity of alumni, friends and other stakeholders makes an important impact in many areas, but most notably in funding research and scholarships—both critical to the University's standing and reputation.

Of striking significance was the bequest program, which accounted for \$2.2 million—an increase of 20% on the previous year. We thank all of our generous community who have committed to supporting the University, and recognise their importance in sustaining and enhancing its educational objectives for generations to come.

Of the various ongoing gift options, the Barr Smith Library continued to attract support (\$87,382), as did the Augustus Short Fund, which offers scholarships for disadvantaged students and widens its benefit year-on-year through an accumulating endowment. The total number of philanthropic means-tested scholarship recipients across the University has increased considerably, from 80 in 2016 to 109 this year.

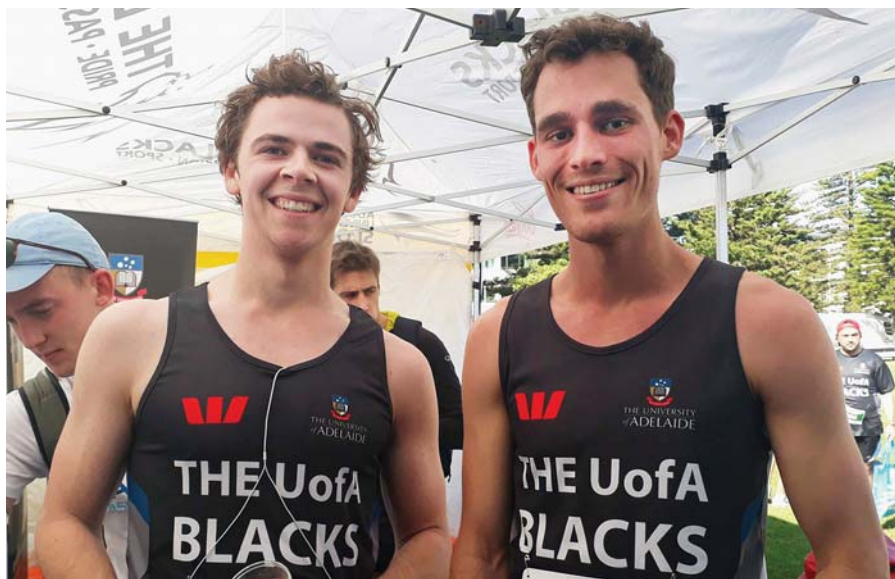
Our first crowdfunding campaign was piloted in September through to November, with a project to further research and develop water filtration systems for production and use in Rajasthan, India. The initiative exceeded its required target, raising \$32,284 from 231 donors.

	2015	2016	2017
BEQUESTS	\$803,731.46	\$1,870,950.76	\$2,180,400
REGULAR GIFTS	\$788,579.74	\$919,752.91	\$424,852
MAJOR GIFTS	\$4,352,309.85	\$6,767,027.52	\$5,236,997

## Stakeholder engagement

In 2017 the University continued a program of structured stakeholder management to enhance relationships with key government, industry and community organisations. Nearly 50 state and federal parliamentarians and ministers were hosted on tours of the campuses and facilities at North Terrace, Waite and Roseworthy, and we continued building long-term collaboration and partnership opportunities with industry and community leaders.

The University again supported a range of community activities, including the Hutt Street Centre's *Walk a Mile in my Boots*, Cancer Council's *Relay for Life* and Women in Super's *Mother's Day Classic*. In partnership with Adelaide University Sport and Westpac, over 370 staff, students, alumni and friends participated in the City-Bay Fun Run in September as part of the University's team.



## University volunteer program

The University actively encourages a culture of volunteering. In 2017, 2,801 volunteers contributed 69,826 hours to the University, equating to \$2.8 million in dollar value. Volunteers participated in over 56 programs across the University, including in the Faculty of Health and Medical Sciences, Barr Smith Library, University Collections, Veterinary Bioscience, University Sports, International Student Centre, Waite Historic Precinct, and six new programs including Student Health and Wellbeing Ambassadors and Writing Centre Peer Mentors.

The Volunteer Achievement Awards were again held in recognition of outstanding volunteer contributions to the University community. The Volunteer of the Year was Marilyn Seidel for her contribution to the Hughes Bequest Program, *Talking with Aussies* and Dental Patient Program. Dual winners of the Student Volunteer of the Year were James Cowley from Children's University and Arthur Yeow from the International Peer Mentor program. The Volunteer Groups of the year were the International Student Peer Mentor Program and University Archives.

The inaugural Community Volunteering Award for University staff was held, and recognised Associate Professor David Paton, School of Biological Sciences, for his voluntary work in the community. The award is supported by University of Adelaide donors.

## Reaching the community

### University brand

The University of Adelaide's branding campaign media strategy was revitalised in 2017 to achieve further differentiation in the local market. The University increased its effectiveness in reaching key market segments, as measured by campaign recall and market penetration metrics (at highest recorded levels).

The campaign was supported by an ongoing content marketing program that uses storytelling mediums to communicate key research, education, career and institution messages in an engaging way, through relevant channels.

**The Best tactical advertising campaign:** using the headline *Best. (And getting better.)*, the campaign highlighted the University of Adelaide's world rankings improvement and dominance over the past four years. The campaign message and tone was noticed by consumers who engaged and shared the message via popular social media channels. This attracted significant discussion, thousands of 'likes', and amplified the campaign message. The tone of the public discussion was positive for the University of Adelaide and further reinforced the University's position as South Australia's leading university.

**Refreshed brand standards:** an updated version of the University brand standards was released and applied to marketing and communications material. The visual style evolved in consultation with students, staff and the broader University community, and reflects a more contemporary style, as well as providing greater flexibility and consistent application across online and print media.

### Profiling research

The University shares its outstanding research impact with the community through public lectures and events, and by sharing engaging stories and videos online. The flagship *Research Tuesdays* series has continued to grow, with audience surveys indicating very high levels of satisfaction with the program (over 95%). In 2017, a broad awareness campaign was undertaken, focusing on the series.

### Digital media

The University uses a variety of social media channels (Facebook, LinkedIn, Twitter, Instagram and Snapchat) to engage with students, alumni, staff and industry, and showcase University activities and initiatives to prospective students and the wider community. Each channel targets a particular demographic, and messages are tailored for each. The University's number of social media subscribers continued to grow in 2017, with approximately 55,000 new followers added across the channels, increasing our total combined audience to more than 285,000.

Complementing this activity, the University created a WeChat account in 2017 to engage with prospective Chinese students and their influencers. WeChat is a popular Chinese social media/messaging application that allows engagement through messages, videos, chats and more.

The University also successfully began migrating its website to the new content management system 'Drupal'. A new look and feel consistent with the University's refreshed brand is reflected in the new system.

## Arts and culture

### Theatre Guild

All 2017 productions attracted critical and popular acclaim, thanks to the involvement of more than 100 talented volunteer actors, crew and technicians.

The year began with a staged play reading of Christopher Marlowe's *The Jew of Malta*, directed by Alexander Kirk, who graduated from the University in 1964, and read by an ensemble of actors, some of whom graduated from the University prior to 1964, and others who were undergraduates at the time.

In April, a two-night season of Euripides's *Medea* was staged. It was translated and directed by Alex Antoniou in association with the Department of Classics, Archaeology and Ancient History.

2017's annual Shakespeare production was *Henry V* featuring graduate Nick Duddy as Henry. Edward Albee's *Three Tall Women* was featured in August, followed by British comedy, *Lettice and Lovage*, by Peter Shaffer, later in the year.

In addition to productions, the Theatre Guild continued with *Project 38: Shakespeare Unplugged*, a guild initiative of free, unrehearsed public readings of every William Shakespeare play. Open to all, it brings together Shakespeare fans once a month to listen to, or participate in, readings.

As in previous years, student members performed some short scenes in the Barr Smith Library Reading Room on Open Day, and various acting workshops were held.

This year, the Theatre Guild was nominated at the 2017 Adelaide Critics Circle Awards for Best Group for *Henry V*, and Jean Walker was nominated for Best Individual for her role as Character A in *Three Tall Women*.

### Elder Conservatorium of Music 2017 Concert Series

The Conservatorium's 2017 Concert Series once again drew thousands of visitors to Elder Hall. Running from March to October, the *Lunchtime Series* comprised of 24 concerts featuring a range of local, interstate, and international artists. Conservatorium students and staff featured in 19 of the 24 concerts.

Highlights included postgraduate piano student Mekhla Kumar performing Gershwin's *Rhapsody in Blue* with the Elder Conservatorium Wind Orchestra, and the Australian String Quartet performing Charles Horsely's String Quartet No. 1 (the first string quartet ever written on Australian soil).

Renowned composer and music educator Paul Rissmann also collaborated with the Adelaide Symphony Orchestra and Elder Conservatorium Symphony Orchestra to perform Ravel's *Mother Goose Suite*, Stravinsky's *The Firebird*, and a new work composed by Rissmann and students from the Elder Conservatorium. Performances were conducted by Luke Dollman.

Attendance across the *Lunchtime Series* averaged over 450 people per concert.

In July, the conservatorium hosted its annual *Schubertiade* concert. As part of the *Evening Series*, this much-loved event features food, wine and music, and is one of the most popular events on the Elder Hall calendar. The 2017 instalment featured artists including Russian-born pianist Konstantin Shamray and Elder Conservatorium staff pianist Michael Ierace, who captivated the audience with their performance of Schubert's *Grand Duo* piano sonata for four hands.

The Elder Conservatorium Concert Series also premiered new works by composers Anne Cawrse, Charles Wood, and Adam Rybovic, and new music written by students from the conservatorium's Popular Music and Creative Technologies, and Sonic Arts programs.

### University Collections

As the third oldest university in Australia, the University of Adelaide follows in the footsteps of great world universities with serious collecting dating back to its establishment. Across the institution, University Collections care for 43 collections, three museums, a historic house, and a significant portfolio of public art and heritage infrastructure. To encourage the collections' support, University Collections presents a program of talks, exhibitions and special events to highlight their academic and creative aspects.

In 2017, University Collections focused on collection management, in particular establishing a new collection storage facility at the Waite campus. This work has been supported significantly by the University Collections Volunteer Group and a steady intake of interns from the Faculty of Arts, in particular Art History.

Additions to the collections during the year included a portrait of the previous Vice-Chancellor and President, Professor Warren Bebbington, painted by Deidre But-Husaim. The University's Visual Art Collection loaned a significant work by Arthur Streeton to an exhibition about the artist's work at Carrick Hill.

A collaboration between University Collections, Rare Books and Special Collections of the University Library, and artist Angela Valamanesh, resulted in an exhibition, *Everybody's Everything: Insect/Orchid*. The exhibition was based on the research carried out by Valamanesh in Rare Books and Special Collections on the work of Rosa Fiveash, a scientific illustrator in Adelaide in the early 20th century, and is now touring regional South Australian galleries.

The year finished with the presentation of *Cultural Musing: The South*, interrogating writing from the southern hemisphere. Presided over by University Chancellor Rear Admiral the Hon. Kevin Scarce, AC, CSC, RAN (Rtd), the event featured the University's Nobel Laureate Professor of Literature John Coetzee, as well as three prominent Australian writers: Gail Jones, Alexis Wright and the University's own Nick Jose.

With 30 events involving 43 artists, reaching out to 8,500 people, and underpinned by 145 collection enquiries, University Collections is proven as an active player in the state's cultural landscape.



## Australian String Quartet

For over 30 years, the Australian String Quartet (ASQ), the University's quartet-in-residence at the Elder Conservatorium of Music, has created unforgettable string quartet performances with a distinctly Australian character for national and international audiences.

The ASQ's 2017 highlights included:

- Extensive Australian touring programs, including national season performances, regional festival performances, education programs, and community residencies.
- International performances in the USA, Canada, Italy and the United Kingdom, including performances with the Vancouver Symphony Orchestra and high-profile engagements in Italy to coincide with Australia's involvement in the Venice Biennale.
- Delivery of an international Quartet Residency Program for students from China's prestigious Central Conservatory of Music (CCOM), Beijing, in partnership with the Elder Conservatorium of Music. The program for the visiting CCOM student quartet culminated in a community performance at Elder Hall, aptly titled *Double Happiness*.
- Sold-out community performances with didgeridu virtuoso William Barton, presented by the ASQ in partnership with the South Australian Museum, as part of its *Yidaki – Djireru and the Sound of Australia* community program during NAIDOC week celebrations.
- The inaugural delivery of a new annual program titled *ASQ Day at Elder*. The program provided 36 South Australian secondary school students with the opportunity to work with the ASQ, culminating in a combined public performance as part of the Elder Conservatorium *Evening Series*.
- An Aria-nominated ABC Classics CD release featuring contemporary guitar quintets, performed by acclaimed Australian guitarist Slava Grigoryan with the ASQ.
- World-premiere performances of new quintets by Australian Indigenous artists Stephen Pigram and Lou Bennett at the Port Fairy Music Festival, and the world premiere of a cello quintet by Gordon Kerry, commissioned by the ASQ and performed with internationally acclaimed cellist Pieter Wispelwey in Western Australia.

## Australian Music Examinations Board (AMEB)

The AMEB (SA and NT) continued to work closely with its music, speech and drama communities in 2017, building strong performing-arts foundations. In South Australia and the Northern Territory, 90 examiners tested across more than 40 national syllabi.

Professor Jennie Shaw, Executive Dean of the Faculty of Arts, continued as Advisory Board Chair, Director and Deputy Chair, Federal Board, and Chair of the Federal Innovations Committee. Julie Cranswick remained State Manager and joined the national Innovations and Centenary committees.

The AMEB Information Day, held in January, drew approximately 150 teachers to its various presentations and workshops. The December Awards Ceremony and Showcase marked AMEB's 130th anniversary and drew its biggest audience so far, with approximately 600 guests. Outgoing University of Adelaide Vice-Chancellor Professor Warren Bebbington gave the address.

Growth in candidate numbers was modest, but with ongoing community engagement AMEB looks forward to a successful 2018, during which it will support the Federal Board in marking its own centenary.

## Carols on Campus

Now in its eighth year, the annual *Carols on Campus* event attracted a full house in Bonython Hall. Conducted by Associate Professor Carl Crossin, OAM, and compered by Executive Dean of Arts Professor Jennie Shaw, the evening featured musicians from the Elder Conservatorium of Music, the Bonython Hall organ, and seasonal readings with an Australian flavour from the staff and members of the University Council. The free event was attended by staff, students, alumni and members of the public, and streamed live on the University website for those who couldn't be there.

## JM Coetzee Centre for Creative Practice

The JM Coetzee Centre for Creative Practice hosted an ambitious program of world-class events in 2017. As well as masterclasses and lectures, the centre organised and supported concerts and symposia, and presented a critically acclaimed exhibition and sound installation at the Migration Museum for OzAsia Festival.

The series of masterclasses included: *Wholly Other: Writing and the Writer-Critic*, with Prof Elleke Boehmer (Oxford), *The Dreamer and The Dream*, with 2016-2017 Coetzee Centre Writer-in-Residence, Dr Carol Lefevre and *Saul Bellow and American Fiction*, with acclaimed writer Prof Alan Lelchuk (Dartmouth).

Some other highlights included:

- *Why Read the Classics?*, a public lecture with Prof Alan Lelchuk.
- *Either/Or*, an evening of avant-garde premieres organised by Soundstream New Music Collective, at Elder Hall.
- *A History of the Piano Trio*, a series of concerts by eminent chamber trio Seraphim Trio that included a panel discussion with eminent musicologist A/Prof Nicholas Matthew (Berkeley).
- *Raining Poetry*, a street art project led by two PhD students, Camille Roulière and Marianne Braux. Local Adelaide poets had their work stencilled around the streets in invisible water-repellent paint, to magically appear when it rained.
- *H2O: Life and Death*, a two-day international symposium examining the ways in which water shapes our understanding of ourselves and our sense of belonging, particularly in conditions of precarity induced by climate change.
- *Macau Days*, (part of OzAsia) a trilingual exhibition and book featuring the enigmatic images of acclaimed artist John Young and the dazzling poetry and prose of Brian Castro, brought vividly to life by award-winning composer and sound artist Luke Harrald.
- *Peggy Glanville Hicks Address*, with New Music Network Australia, Zephyr Quartet and Soundstream New Music, supported the 2017 Peggy Glanville Hicks Address, given by Kim Williams AM.





### Waite Historic Precinct

In 2017 Urrbrae House was involved in both SA History Month and the South Australian Living Artists (SALA) Festival. The donation of a historically significant 1880s tapestry from the family of HG and Vevers Andrewartha was a wonderful addition to the Urrbrae House Ballroom, and a drawcard for visitors.

Urrbrae House Schools' Program continued in 2017, with 800 primary school children attending the interactive 1890s history program. Other educational endeavours were undertaken with the Children's University, Dara School for intellectually gifted students, high schools and international English language students.

Dr Kate Delaporte was appointed as Curator of the Waite Arboretum following the retirement of Dr Jennifer Gardner,

OAM, who worked with the University for more than 30 years. Promotion of the north-west corner of the Waite Arboretum has been a priority this year. Maintained by volunteers, the site provides a great example of the revegetation of Grey Box woodland in a highly urbanised environment.

In September, over 200 delegates attended the 18th National Symposium of TREENET, an urban forest research and education organisation based at the Waite Arboretum.

A total of 156 volunteers contributed to precinct programs throughout the year. Continued community support was also received from the Friends of Urrbrae House, Waite Arboretum and Waite Conservation Reserve.

# ENABLERS AND SUPPORTERS

The University remains focused on attracting and developing skilled people, implementing efficient processes, improving staff and student experiences, and ensuring the built and virtual environs facilitate the University's objectives. Over the course of the year, a number of significant projects and initiatives were progressed to further these aims.

## KEY OBJECTIVES 2017

In support of the University's learning, teaching and research, key objectives for 2017 included:

- inspiring and developing high-performing staff
- ensuring a safe and healthy environment
- continuing to address gender, equity and diversity challenges
- improving the utilisation of facilities and infrastructure
- developing a health sciences presence in the SA Health and Biomedical Precinct
- encouraging sustainable practices
- improving administrative effectiveness
- optimising financial reporting and planning.



## Developing people

### Gender, equity and diversity

The Dornwell Framework continues to provide strategies and actions to improve the University's gender equity outcomes. The focus of the Dornwell Framework is:

- strengthening leadership accountability
- building an empowered workforce
- growing and strengthening the talent pipeline.

In early 2017, the University achieved its target of 30% of senior leadership positions being held by women. As a result, a new goal was established to reach a gender balance of 50% across all academic roles by the end of 2022. The target presents a significant challenge, given only 40% of the University's current academic staff workforce is female.

Additionally, the University has applied to, and been accepted into, the SAGE Athena Swan Program, a joint initiative of the Australian Academy of Science and the Australian Academy of Technology and Engineering. The program has a clear aim of improving culture and outcomes with respect to gender equity in STEM disciplines. It provides an accreditation framework through which the University will be assessed over time, with the University's initial application due in July 2019. 44 universities and research institutes across Australia are now participating, providing a collective platform to share best practice and influence structural and cultural change across the sector.



### Your Voice Staff Survey

During May of 2016, all staff were invited to contribute their opinions about the workplace by participating in the University of Adelaide *Your Voice Staff Survey*. Staff were able to share their thoughts and ideas on the strengths of the University and where it could improve. In response to the findings, the University and local areas have been implementing action plans. At a University level, achievements to date include:

- implementation of Canvas and Echo 360
- a Student Experience of Learning and Teaching (SELT) working group has finalised a set of Course, Teacher and Program SELT questions and provided a revised policy
- a 'Leading Transitions' capability building session was held with each Faculty Executive Team during 2017
- a review of the budget/financial management framework has commenced to coincide with the development of the next five-year financial plan, within which the issue of cross-faculty collaboration will be a key element
- performance measures on cross-collaboration have been included in the planning, development and review framework for senior management
- the Adelaide Academic Statements and Individual Academic Profiles have been further reviewed and refined
- a dedicated leadership program for the Vice-Chancellor's Executive group was delivered, along with leadership programs (Emerging Leaders/Professional Leaders) for professional staff
- the University's recognition principles and framework have been revised.

### Leadership programs

In response to the *Your Voice survey*, the University provided a number of leadership programs. These included:

- the *Executive Development Program*, which developed senior executives' ability to enhance collaboration and effectively execute and communicate change
- *Leading Transitions*, which developed senior leaders' capacities across all faculties and divisions to lead and support changes to structure, business and people practices
- the *Professional Leaders Program*, which built and embedded intermediate professional leaders' (targeting existing leaders) capability to lead others and support leadership within the University context
- the *Emerging Leaders Program*, which provided an introduction to leadership, and leadership theory—aligned to the Leading at Adelaide Capability Framework—for new or prospective leaders.

### Health, safety and wellbeing

The University participated in a ReturntoWorkSA (formerly WorkCover) evaluation in 2015 and was formally provided a five-year registration as a self-insurer in 2016. A five-year registration is the best outcome possible for a self-insurer under the *Code of Conduct for Self-Insured Employers (May 2015)* and *Return to Work Act (2014)*. This result demonstrates the University's ability to effectively operate evidence-based safety and injury management systems that conform to specific performance standards.

## Assets and infrastructure

### Adelaide Health and Medical Sciences project

The \$246 million Adelaide Health and Medical Sciences building was completed and opened on time and on budget for semester one, 2017. The project signifies a new era in Australian medical education, and ensures the University's continued support and enhancement of the health of South Australians into the future.

The new Adelaide Dental Hospital is an important part of the new building. Located on levels 10, 11 and 12, and run in partnership with the South Australian Dental Service, the hospital gives dentistry students the opportunity to work alongside professional dentists also based at the clinic. Featuring 89 dental chairs, the clinic delivers year-round oral health services for disadvantaged members of the community who may otherwise find it difficult to access dental care.

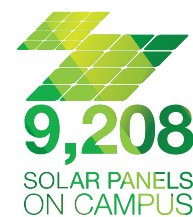
### Redevelopment of existing facilities

The University successfully delivered more than \$35 million worth of facility and core infrastructure improvements across its campuses. These included:

- refurbishing the old University Council Chamber (level 7, Kenneth Wills building), now known as *The Cog*, to open-plan space, for use by a range of teaching staff from across the University
- repairing and strengthening the void beneath the rear of Elder Hall, including removing asbestos and replacing the degraded structure and walkway
- constructing the ThincLab innovation hub in the ground floor of the Nexus 10 building, including a new TechLab (with 3D printing capability) and consolidation of the Faculty of the Professions student support hub.

### Sponsorships – Pacific School Games

The University sponsored the Pacific School Games, which took place in Adelaide in December 2017. Over 5,000 athletes participated from 15 countries, as well as every Australian state and territory. The sponsorship supported two main objectives: brand awareness in key markets, in particular, high school students and influencers, and, student recruitment, with a particular focus on international students.



### Campus sustainability

The University launched the first Campus Sustainability Plan in May 2017. The plan details a coordinated suite of emission-reduction projects worth more than \$14 million that will begin the University's transition towards low-carbon campus operations. Development of the plan was inspired by consultation with staff and students, who identified three central themes:

1. *Collaboration* with local leaders and partners to demonstrate and showcase sustainability values
2. *Transformation* of University campuses with new technologies and practices to reduce emissions
3. *Inspiration* through individual action on campus sustainability.

It's estimated the plan will reduce campus emissions by 5,168 tonnes of CO<sub>2</sub>e every year once complete.

Numerous projects outlined are underway, including LED lighting upgrades, installation of recycling stations, waste education campaigns, water efficiency improvements, and installation of renewable energy on campus buildings.

Detailed design for the 1.2 MW Roseworthy Solar Farm is underway. This project will be further supported by a competitive grant from the South Australian Government's Renewable Technology Fund for a battery storage system.

The *Ecoversity* (sustainability engagement) program delivered a vibrant mix of engagement activities, lectures and events across all three campuses. Highlights included bike safety and maintenance courses, re-use events, edible-garden workshops, *Ecoversity* internships and the Roseworthy Residential Energy Challenge.

13 undergraduate students shared in a \$20,000 *Ecoversity* Award to attend sustainability-related conferences in seven countries, and six sustainability projects were funded through the \$100,000 *Ecoversity* Green Project Fund. Green Projects in 2017 included: software development of an *Ecoversity* dashboard to track sustainability targets, plastic grinders and extruders for reusing 3D printing plastics, waterless condensers for chemistry teaching labs, building management system tuning and research into solutions for low-carbon academic air travel.

The University won three Australasian Green Gown Awards for sustainability achievements in student engagement, facilities and services, and community partnerships.



## Improving processes

### Professional staff benchmarking

The 2016 'UniForum' professional staff benchmarking survey (released in 2017) showed Adelaide's professional services remain among the most efficient in the sector, ranking third lowest in the *UniForum* group in terms of normalised operations costs. With the Professional Services Program underway during 2016 but not fully embedded, the results indicate the University has moved some way towards the program's aims of achieving service-delivery consolidation, with costs becoming more centralised. The *UniForum* results indicate the need to continue implementing further operational efficiencies and reduce transaction costs.

### Professional services reform

The Professional Services Reform (PSR) program ended in 2017. Using a 'move then improve' philosophy, the University has completed its focus on structural effectiveness and will now move to capturing business improvement opportunities. Throughout the change, the University ensured its fundamental business requirements—finance, human resources, legal and risk management, and broader support services—met both its own and legislative requirements. Our achievements through the PSR program included:

- adopting a common structure for the delivery of financial services across the University, including a higher level of centralisation
- implementing a much higher level of centralisation in the Faculty of Health and Medical Sciences, through the transfer of administrative resources from school to faculty level
- implementing a much higher level of centralisation in the Faculty of Engineering, Computer and Mathematical Sciences
- adopting a common professional staff management structure across all faculties, ensuring a common interface with central service areas
- centralising all student admission and recruitment activities into the Division of Academic and Student Experience
- 'right-sizing' the External Relations Branch
- redesigning the Research Services Branch, consistent with PSR principles, and incorporating the services and functions of the former University-controlled entity, Adelaide Research and Innovation
- completing centralisation of the IT function, with 35 full-time-equivalent staff transferring from a number of faculties and support service areas
- designating routine and transactional central services as shared services within central administrative divisions.

### Leveraging technology

The Technology Services team continues to provide exceptional customer service. For the fourth successive year, it ranked highest in customer service in the IT Service Quality Benchmark Award for staff.

The University has implemented a range of strategic technology projects, including:

- Upgrading our High Performance Computing (HPC) capability, including increasing storage capacity from 350 Terabytes to 700 Terabytes, and substantially improving Graphic Processing Unit (GPU) and Central Processing Unit (CPU) capacity. The HPC platform has delivered over 40 million hours of CPU and GPU processing to over 200 researchers, contributing to 418 research publications.
- Providing a range of tools, including Figshare and Altmetrics, to help researchers leverage new ways of sharing data and measuring their impact.
- Finalising the transition to Canvas and Echo.
- Completing the *MyUni Transform* project ahead of time and under budget.
- Upgrading the PeopleSoft Finance platform to provide an improved user interface and ensure ongoing vendor support.
- Launching *My eEquals* for the electronic distribution of academic transcripts and graduation documents. This allows University students and graduates to access and share their documents with employers, universities and third parties in a controlled and secure manner.

### Strategic procurement

The University continued to implement a range of initiatives to improve procurement processes and deliver commercial benefit. This included contracting a new telecommunication provider, and locking in energy supply for 2019 with a saving of 15% on 2018.

Additionally, the University actively participated in the University Procurement Hub. This delivered seven major tender outcomes for the University, including a new stationery supplier with a more efficient purchasing process.



# FINANCIAL STATEMENTS

Year ended 31 December 2017 - continued

Note	Consolidated		University	
	2017 \$000	2016 \$000	2017 \$000	2016 \$000
	55,508	60,908	64,830	60,237
9	933	1,848	933	1,848
13,31	-	-	(7,861)	536
	933	1,848	(6,928)	2,384
	-	49,101	-	47,696
	-	-	627	-
	-	-	-	1,537

Assets at 31 December 2017

Note	Consolidated		University	
	2017 \$000	2016 \$000	2017 \$000	2016 \$000
6	36,075			
7				

Comprehensive Income for the year ended 31 December 2017

Note	Consolidated		University	
	2017 \$000	2016 \$000	2017 \$000	2016 \$000
4	166,102	175,544	166,102	175,544
4	3,731	5,668	3,731	5,668
4	114,314	116,388	114,314	116,388
	284,147	297,600	284,147	297,600

32,245	37,422
30,124	33,713
0,031	10,147
-	647
98	11,628
0	4,400
	97,957
291,061	
972	
2,902	
756	
12	
2	

**Statement by the Chancellor, Vice-Chancellor & President  
and Chief Financial Officer**

In our opinion:

- (a) the Financial Statements of The University of Adelaide have been prepared in accordance with the accounts and records of the University and present a true and fair view of the financial position of the University of Adelaide as at 31 December 2017 and the results of its operations and cash flows for the year ended 31 December 2017;
- (b) in all material respects, the Financial Statements have been prepared in accordance with Treasurer's Instructions promulgated under the provisions of the Public Finance and Audit Act 1987, the Higher Education Funding Act 1988, the Higher Education Support Act 2003, Australian equivalents to International Financial Reporting Standards and other mandatory professional reporting requirements including Urgent Issues Group Consensus Views; and the requirements of the *Australian Charities and Non-for-profits Commission Act 2012*;
- (c) at the date of signing this Statement there are reasonable grounds to believe that The University of Adelaide will be able to pay its debts as and when they fall due;
- (d) the amount of Australian Government financial assistance expended during the reporting period was for the purpose for which it was intended;
- (e) The University of Adelaide has complied with applicable legislation, contracts, agreements and programme guidelines in making expenditure of the Australian Government financial assistance;
- (f) internal controls over financial reporting have been effective throughout the reporting period; and
- (g) The University of Adelaide has 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 fees were spent strictly in accordance with the Act and only on services and amenities specified in subsection 19-38(4) of the Act.

We are not aware, at the date of signing this Statement, of any circumstances which would render any particulars included in the Financial Statements to be misleading or inaccurate.

Signed in accordance with a resolution of the Council of The University of Adelaide.



THE HON KEVIN SCARCE AC CSC RAN (Rtd)  
Chancellor



PROFESSOR PETER RATHJEN  
Vice-Chancellor and President



MR TONY MITCHELL  
Chief Financial Officer

**26 March 2018**





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## To the Chancellor University of Adelaide

As required by section 31(1)(b) of the *Public Finance and Audit Act 1987* and section 25(2) of the *University of Adelaide Act 1971*, I have audited the financial report of the University of Adelaide and the consolidated entity comprising the University of Adelaide and its controlled entities for the financial year ended 31 December 2017

### Opinion

In my opinion, the accompanying financial report has been prepared in accordance with the Treasurer's Instructions promulgated 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 Adelaide as at 31 December 2017, 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 2017
- a Statement of Financial Position as at 31 December 2017
- a Statement of Changes in Equity for the year ended 31 December 2017
- a Statement of Cash Flows for the year ended 31 December 2017
- notes, comprising significant accounting policies and other explanatory information

### Basis for opinion

I conducted the audit in accordance with the *Public Finance and Audit Act 1987* and Australian Auditing Standards. My responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Report section of my report. I am independent of the University of Adelaide and its controlled entities. The *Public Finance and Audit Act 1987* establishes the independence of the Auditor-General. In conducting the audit, the relevant ethical requirements of APES 110 Code of Conduct for Professional Accountants have been met.

I believe that the audit evidence obtained is sufficient and appropriate to provide a basis for my opinion.

### **Responsibilities of the Vice-Chancellor and President and the Council for the financial report**

The Vice-Chancellor and President is responsible for the preparation of the financial report that gives a true and fair view in accordance with the Treasurer's Instructions promulgated under the provisions of the *Public Finance and Audit Act 1987*, *Australian Charities and Not-for-profits Commission Act 2012* and the *Higher Education Support Act 2003* and the Australian Accounting Standards, and for such internal control as management determine is necessary to enable the preparation of the financial report that gives a true and fair view and is free from material misstatement, whether due to fraud or error

The Council is responsible for overseeing the 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
- evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management
- 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 statements 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 these statements.

I communicate with those charged with governance and the Vice-Chancellor and President regarding, 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.

A handwritten signature in black ink, appearing to read 'Richardson', with a long horizontal flourish extending to the right.

Andrew Richardson

**Auditor-General**

28 March 2018



# REPORT BY THE MEMBERS OF THE COUNCIL 2017

The members of the Council present their report on the consolidated entity consisting of the University of Adelaide and the entities it controlled at the end of, or during, the year ended 31 December 2017.

## Members

The following persons were members of the Council during the whole year and up to the date of this report:

- Professor Andrew Abell
- The Honourable Catherine Branson QC
- Mr Robin Day
- Mr David Hill
- Ms Kerryne Liddle
- Ms Christine Locher
- Ms Kathryn Presser
- Rear Admiral the Honourable Kevin Scarce AC CSC RAN (Rtd)
- Mr Peter Siebels
- Mr Timothy Storer
- Dr Ian Watson AM RFD
- Professor John Williams

The following persons were newly appointed/elected members during 2017 and continue in office at the date of this report.

Member	Date Appointed/Elected
Mr Lachlan Coleman	Elected 6 March 2017
Mr Richard Matthews	Elected 6 March 2017; re-elected 6 March 2018

The following persons were members from the beginning of the year until his/her term of office ceased.

Member	Date Ceased
Professor Warren Bebbington	30 April 2017 (resigned)
Ms Julie Hayford	2 January 2017 (resigned)
Mr Zhao (Joe) Lu	5 March 2017 (term ended)
Mr Stuart Matthews	5 March 2017 (term ended)
Mr Kyriaco Nikias	5 March 2017 (term ended)
Associate Professor Felix Patrikeeff	14 June 2017 (resigned)
Ms Lucinda Wojt	5 March 2017 (term ended)

The following persons were new ex officio/appointed/elected in 2018 and are members up to the date of this report.

Member	Date Ex-Officio/Appointed/Elected
Professor Peter Rathjen	Appointed 8 January 2018
Mr Michael Reschke	Elected 6 March 2018

The following persons were elected/appointed during 2017 and were members until his/her term of office ceased.

Member	Date Appointed/Elected	Date Ceased
Professor Michael Brooks FTSE FACS	Appointed 1 May 2017	7 January 2018
Ms Kerrie Campbell	Elected 6 March 2017	4 August 2017
Mr Jarrad Hopkins	Elected 6 March 2017	5 March 2018
Ms Georgina Morphet	Elected 6 March 2017	5 March 2018

## Meetings of Members

The number of meetings of the University of Adelaide Council and of each committee of Council held during the year ended 31 December 2017, and the number of meetings attended by each member were:

	Council		Academic Board		Audit, Compliance and Risk Committee		Convenors' Committee		Council Selection Committee		Estate and Infrastructure Committee		Finance Committee		People and Culture Committee		Senior Executive Review Committee		Special Degrees Committee	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Rear Admiral the Honourable Kevin Scarce AC CSC RAN (Rtd), Chancellor	8	8					3	3	1	1			2	8			1	1	2	2
Professor Michael Brooks FTSE FACS, Interim Vice-Chancellor and President	6	6	4	6	4	4	2	2			2	2	6	6	2	2	1	1	0	1
Professor Warren Bebbington, Vice-Chancellor and President	1	2	2	2	0	1	1	1			0	1	0	2	0	1			1	1
Professor Andrew Abell	6	8																		
The Hon Catherine Branson QC	8	8			5	5	3	3									0	1		
Ms Kerrie Campbell	2	4																		
Mr Lachlan Coleman	7	7	8	8											1	1				
Mr Robin Day	6	8															0	1		
Ms Julie Hayford	0	0																		
Mr David Hill	5	8																		
Mr Jarrad Hopkins	6	7																		
Ms Kerryne Liddle	5	8			2	5									0	2				
Ms Christine Locher	4	8			2	5	3	3							3	3	1	1		
Mr Zhao (Joe) Lu	0	1																		
Mr Richard Matthews	6	7																		
Mr Stuart Matthews	1	1																		
Ms Georgina Morphett	7	7																		
Mr Kyriaco Nikias	1	1																		
A/Professor Felix Patrikeeff	3	4																		
Ms Kathryn Presser	7	8					3	3			3	3	6	8						
Mr Peter Siebels	7	8					1	3					6	8			1	1		
Mr Timothy Storer	8	8											4	6						
Dr Bruce Ian Watson AM RFD	8	8													1	1			1	1
Professor John Williams	8	8	8	8			3	3							2	3			2	2
Ms Lucinda Wojt	1	1																		

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.



### Principal Activities

During the year, the principal continuing activities of the consolidated entity consisted of higher education, research, consultancy and other commercial operations supporting or ancillary to University activities.

### Review of Operations

The University reported a consolidated operating result of \$55.5 million for the year (2016: \$60.9 million). The result was supported by strong earnings on the University Endowment Fund and continued growth in international student revenue.

### Significant Changes in the State of Affairs

In the opinion of the Members of Council, there were no significant changes in the state of affairs of the consolidated entity during the financial year under review.

### Matters Subsequent to the End of the Financial Year

There were no events subsequent to the reporting date that have a material effect on the financial statements for the reporting period.

### Likely Developments and Expected Result of Operations

The consolidated entity will continue to pursue its primary activities of higher education and research while maintaining its financial sustainability. During 2017 the University operated within the parameters of the five year financial plan and three year operational plan developed during 2016 to underpin the University's strategic plan for the period 2013-2023; Beacon of Enlightenment. The strategic plan summarises the core opportunities and challenges over the ten year period and outlines the development of an operating model which allows for greater connection between teaching and research, including providing the opportunity for all students to experience small group discovery as part of their course. The financial plan included the construction of the Adelaide Health and Medical Sciences building within the health precinct in the West End for the University medical school, nursing school and dental clinic, which was officially opened during February 2017.

### Environmental Regulation

The Group's operations are subject to various environmental regulations under both Commonwealth and State legislation, which set the minimum requirements the Group entity must meet.

The University's Environmental Management Program includes a comprehensive environmental regulations compliance plan within the guidelines of the University's Legal Compliance Framework. The plan provides information, resources and advice to the University community to build a stronger compliance culture.

### Insurance of Officers

The University maintains a comprehensive insurance program, which is reviewed and renewed annually. The insurance program includes directors and officers liability insurance for members of Council, members of committees of Council and directors and officers of the University and controlled entities of the University.

This report is made in accordance with a resolution of the members of the Council.

Rear Admiral the Honourable  
Kevin Scarce, AC, CSC, RAN (Rtd)  
Chancellor

Adelaide, 26 March 2018



## Statement of Comprehensive Income for the year ended 31 December 2017

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>Revenue from continuing operations</b>					
<b>Received under Higher Education Support Act</b>					
Base operating financial assistance	4	166,102	175,544	166,102	175,544
Other operating financial assistance	4	3,731	5,668	3,731	5,668
Higher Education Contribution Scheme	4	114,314	116,388	114,314	116,388
		<b>284,147</b>	<b>297,600</b>	<b>284,147</b>	<b>297,600</b>
<b>Learning and Teaching</b>					
Student fees	4	237,393	216,424	237,393	216,424
Grants	4	20,441	17,996	20,441	17,996
		<b>257,834</b>	<b>234,420</b>	<b>257,834</b>	<b>234,420</b>
<b>Research Grants and Fees</b>					
National competitive grants		88,908	93,421	88,908	93,421
Public sector - other		39,081	51,869	38,610	40,772
Industry and other		46,806	50,506	39,836	38,970
		<b>174,795</b>	<b>195,796</b>	<b>167,354</b>	<b>173,163</b>
<b>Research - Other</b>					
Cooperative Research Centre direct funding		2,537	3,702	2,537	3,702
Research Training Program		46,557	45,588	46,557	45,588
Research Support Program		42,608	41,709	42,608	41,709
		<b>91,702</b>	<b>90,999</b>	<b>91,702</b>	<b>90,999</b>
<b>Other</b>					
Investment revenue	4	47,391	28,832	48,492	25,559
Property revenue	4	14,165	15,975	14,110	15,974
Specialist services and trading	4	42,793	46,389	23,404	23,584
Bequests, donations & other revenue	4	34,059	37,277	42,167	33,231
		<b>138,408</b>	<b>128,473</b>	<b>128,173</b>	<b>98,348</b>
<b>Total revenue from continuing operations</b>		<b>946,886</b>	<b>947,288</b>	<b>929,210</b>	<b>894,530</b>
<b>Expenses from continuing operations</b>					
Salaries and related expenses	5	508,719	497,611	499,006	486,152
Student services		47,301	44,957	47,301	44,957
Teaching and research	5	94,546	93,779	92,376	93,177
Buildings and grounds	5	59,052	62,802	58,262	61,930
Finance costs	5	5,186	5,896	5,201	5,224
Administration, communication and travel	5	100,586	118,246	86,841	80,295
Finance and fund administration	5	2,863	3,528	2,839	3,528
Misc equip, dep'n and net loss on disposal of assets	5	73,125	59,561	72,554	59,030
<b>Total expenses from continuing operations</b>		<b>891,378</b>	<b>886,380</b>	<b>864,380</b>	<b>834,293</b>
<b>Net operating result for the year</b>		<b>55,508</b>	<b>60,908</b>	<b>64,830</b>	<b>60,237</b>
Operating result attributable to minority interest		(3)	-	-	-
<b>Net operating result for the year</b>		<b>55,505</b>	<b>60,908</b>	<b>64,830</b>	<b>60,237</b>

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

## Statement of Comprehensive Income for the year ended 31 December 2017 - continued

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>Operating result for the period</b>		<b>55,508</b>	<b>60,908</b>	<b>64,830</b>	<b>60,237</b>
<b>Items that may be reclassified to net operating result</b>					
Gain / (loss) on swap contracts	9	933	1,848	933	1,848
Gain / (loss) on value of available for sale financial assets, net of tax	13,31	-	-	(7,861)	536
<b>Total</b>		<b>933</b>	<b>1,848</b>	<b>(6,928)</b>	<b>2,384</b>
<b>Items that will not be reclassified to net operating result</b>					
Gain / (loss) on revaluation of land and buildings	4,14	-	49,101	-	47,696
Gain / (loss) on revaluation of works of Art	14	627	-	627	-
Gain / (loss) on revaluation of Library	14	-	1,537	-	1,537
Share of other comprehensive income of investments accounted for using the equity method	4	(542)	(119)	-	-
Remeasurements of Defined Benefit Plans	25(c)	(443)	196	(443)	196
<b>Total</b>		<b>(358)</b>	<b>50,715</b>	<b>184</b>	<b>49,429</b>
<b>Total other comprehensive income</b>		<b>575</b>	<b>52,563</b>	<b>(6,744)</b>	<b>51,813</b>
<b>Total comprehensive income</b>		<b>56,083</b>	<b>113,471</b>	<b>58,086</b>	<b>112,050</b>
Total comprehensive income attributable to non-controlling interest		(3)	-	-	-
<b>Total comprehensive income attributable to the University of Adelaide</b>		<b>56,080</b>	<b>113,471</b>	<b>58,086</b>	<b>112,050</b>

## Statement of Financial Position as at 31 December 2017

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>Current Assets</b>					
Cash and cash equivalents	6	36,072	42,146	32,245	37,422
Receivables	7	29,933	35,147	30,124	33,713
Other financial assets	8	10,031	10,092	10,031	10,147
Inventories	10	1,482	2,341	-	647
Other non-financial assets	11	16,037	11,788	15,898	11,628
Deferred government superannuation contribution	25(d)	4,400	4,400	4,400	4,400
<b>Total current assets</b>		<b>97,955</b>	<b>105,914</b>	<b>92,698</b>	<b>97,957</b>
<b>Non-current Assets</b>					
Other financial assets	8	326,141	291,092	326,141	291,061
Investments accounted for using the equity method	12	1,460	2,002	972	972
Available-for-sale financial assets	13	-	-	15,046	22,902
Property, plant and equipment	14	1,433,959	1,421,070	1,420,307	1,406,756
Intangible assets	15	48,058	36,312	48,058	36,312
Other non-financial assets	11	4,865	7,632	4,865	7,632
Deferred government superannuation contribution	25(d)	62,808	61,767	62,808	61,767
<b>Total non-current assets</b>		<b>1,877,291</b>	<b>1,819,875</b>	<b>1,878,197</b>	<b>1,827,402</b>
<b>Total assets</b>		<b>1,975,246</b>	<b>1,925,789</b>	<b>1,970,895</b>	<b>1,925,359</b>
<b>Current Liabilities</b>					
Payables	16	57,951	82,338	55,894	76,392
Borrowings	17	5,000	5,000	5,000	5,000
Employee benefit provisions	18	29,357	28,796	28,647	28,060
Provisions	18	1,483	2,563	1,483	2,563
Derivative financial instruments	9	18	-	18	-
Defined benefit obligation	25(d)	4,400	4,400	4,400	4,400
Other	19	21,148	18,260	20,606	27,531
<b>Total current liabilities</b>		<b>119,357</b>	<b>141,357</b>	<b>116,048</b>	<b>143,946</b>
<b>Non-current Liabilities</b>					
Payables	16	11,226	11,493	11,199	11,471
Borrowings	17	77,510	62,510	77,510	62,510
Employee benefit provisions	18	66,055	65,350	65,847	65,163
Derivative financial instruments	9	12,905	13,856	12,905	13,856
Defined benefit obligation	25(d)	62,808	61,767	62,808	61,767
Other	19	-	154	-	154
<b>Total non-current liabilities</b>		<b>230,504</b>	<b>215,130</b>	<b>230,269</b>	<b>214,921</b>
<b>Total liabilities</b>		<b>349,861</b>	<b>356,487</b>	<b>346,317</b>	<b>358,867</b>
<b>Net assets</b>		<b>1,625,385</b>	<b>1,569,302</b>	<b>1,624,578</b>	<b>1,566,492</b>
<b>Equity</b>					
Capital reserves	21	625,980	625,354	639,367	646,601
Specific purpose reserves	21	636,479	614,138	636,479	614,138
Retained surplus	21	362,926	329,813	348,732	305,753
<b>Total University interest</b>		<b>1,625,385</b>	<b>1,569,305</b>	<b>1,624,578</b>	<b>1,566,492</b>
Non-controlling interest		-	(3)	-	-
<b>Total equity</b>		<b>1,625,385</b>	<b>1,569,302</b>	<b>1,624,578</b>	<b>1,566,492</b>

The Statement of Financial Position should be read in conjunction with the accompanying notes.



## Statement of Changes in Equity for the year ended 31 December 2017

Consolidated	Capital Reserves \$000	Specific Purpose Reserves \$000	Retained Surplus \$000	Non- controlling Interest \$000	Total \$000
<b>Balance at 1 January 2016</b>	579,168	608,356	268,310	(3)	1,455,831
<b>Net result</b>	-	5,782	55,126	-	60,908
<b>Other comprehensive income</b>					
Gain / (loss) on revaluation of land and buildings	49,101	-	-	-	49,101
Gain / (loss) on revaluation of Library	1,537	-	-	-	1,537
Gain / (loss) on swap contracts	-	-	1,848	-	1,848
Share of other comprehensive income of investments accounted for using the equity method	-	-	(119)	-	(119)
Remeasurements of Defined Benefit Plans	-	-	196	-	196
Other adjustments recognised directly in equity	(4,452)	-	4,452	-	-
<b>Total other comprehensive income</b>	<b>46,186</b>	<b>-</b>	<b>6,377</b>	<b>-</b>	<b>52,563</b>
<b>Balance at 31 December 2016</b>	<b>625,354</b>	<b>614,138</b>	<b>329,813</b>	<b>(3)</b>	<b>1,569,302</b>
<b>Balance at 1 January 2017</b>	<b>625,354</b>	<b>614,138</b>	<b>329,813</b>	<b>(3)</b>	<b>1,569,302</b>
<b>Net result</b>	-	22,341	33,164	3	55,508
<b>Other comprehensive income</b>					
Gain / (loss) on revaluation of works of Art	627	-	-	-	627
Gain / (loss) on swap contracts	-	-	933	-	933
Share of other comprehensive income of investments accounted for using the equity method	-	-	(542)	-	(542)
Remeasurements of Defined Benefit Plans	-	-	(443)	-	(443)
<b>Total other comprehensive income</b>	<b>627</b>	<b>-</b>	<b>(52)</b>	<b>-</b>	<b>575</b>
<b>Balance at 31 December 2017</b>	<b>625,981</b>	<b>636,479</b>	<b>362,925</b>	<b>-</b>	<b>1,625,385</b>

## Statement of Changes in Equity for the year ended 31 December 2017 - continued

University	Capital Reserves \$000	Specific Purpose Reserves \$000	Retained Surplus \$000	Non- controlling Interest \$000	Total \$000
<b>Balance at 1 January 2016</b>	<b>596,832</b>	<b>608,356</b>	<b>249,254</b>	<b>-</b>	<b>1,454,442</b>
<b>Net result</b>	<b>-</b>	<b>5,782</b>	<b>54,455</b>	<b>-</b>	<b>60,237</b>
<b>Other comprehensive income</b>					
Gain / (loss) on revaluation of land and buildings	47,696	-	-	-	47,696
Gain / (loss) on revaluation of Library	1,537	-	-	-	1,537
Gain / (loss) on value of available for sale financial assets, net of tax	536	-	-	-	536
Gain / (loss) on swap contracts	-	-	1,848	-	1,848
Remeasurements of Defined Benefit Plans	-	-	196	-	196
<b>Total other comprehensive income</b>	<b>49,769</b>	<b>-</b>	<b>2,044</b>	<b>-</b>	<b>51,813</b>
<b>Balance at 31 December 2016</b>	<b>646,601</b>	<b>614,138</b>	<b>305,753</b>	<b>-</b>	<b>1,566,492</b>
<b>Balance at 1 January 2017</b>	<b>646,601</b>	<b>614,138</b>	<b>305,753</b>	<b>-</b>	<b>1,566,492</b>
<b>Net result</b>	<b>-</b>	<b>22,341</b>	<b>42,489</b>	<b>-</b>	<b>64,830</b>
<b>Other comprehensive income</b>					
Gain / (loss) on revaluation of works of Art	627	-	-	-	627
Gain / (loss) on value of available for sale financial assets, net of tax	(7,861)	-	-	-	(7,861)
Gain / (loss) on swap contracts	-	-	933	-	933
Remeasurements of Defined Benefit Plans	-	-	(443)	-	(443)
<b>Total other comprehensive income</b>	<b>(7,234)</b>	<b>-</b>	<b>490</b>	<b>-</b>	<b>(6,744)</b>
<b>Balance at 31 December 2017</b>	<b>639,367</b>	<b>636,479</b>	<b>348,732</b>	<b>-</b>	<b>1,624,578</b>

The Statement of Changes in Equity should be read in conjunction with the accompanying notes.

## Statement of Cash Flows for the year ended 31 December 2017

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>Cash flows from operating activities</b>					
<b>Inflows:</b>					
Australian Government financial assistance	37(g)	493,044	504,401	493,044	504,401
OS-Help (net)	37(g)	(2,010)	470	(2,010)	470
Higher Education Superannuation	37(g)	3,872	3,992	3,872	3,992
State Government financial assistance		20,221	23,352	19,750	22,874
HECS-HELP student upfront payments		10,428	12,587	10,428	12,587
Fee paying student revenue received		223,919	199,284	223,919	199,284
Fees and charges		24,903	24,990	24,903	24,990
Donations and bequests		5,640	4,482	5,640	4,482
Interest and dividends received		1,328	6,642	1,285	2,949
Consultancy and contract research		66,763	85,710	57,942	59,135
Specialist services and produce trading		19,844	20,474	8,776	9,906
GST received		21,820	28,885	20,477	27,826
Other		48,142	52,724	41,660	42,821
Total inflows		<b>937,914</b>	<b>967,993</b>	<b>909,686</b>	<b>915,717</b>
<b>Outflows:</b>					
Salaries and related expenses		(509,231)	(498,903)	(500,027)	(486,974)
Student services		(48,002)	(45,057)	(47,202)	(45,057)
Goods and services		(279,501)	(303,635)	(260,284)	(263,122)
Costs of finance		(319)	(465)	(319)	(465)
GST paid		(23,789)	(35,546)	(21,958)	(30,512)
Total outflows		<b>(860,842)</b>	<b>(883,606)</b>	<b>(829,790)</b>	<b>(826,130)</b>
<b>Net cash provided by operating activities</b>	22	<b>77,072</b>	<b>84,387</b>	<b>79,896</b>	<b>89,587</b>

## Statement of Cash Flows for the year ended 31 December 2017 - continued

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>Cash flows from investing activities</b>					
<b>Inflows:</b>					
Proceeds from sale of property, plant and equipment		100	1,743	100	1,706
Proceeds from sale of financial assets		4,406	2,439	4,406	2,375
Receipt of proceeds from financial assets held-to-maturity		40,000	50,265	40,000	50,000
Proceeds from sale of non-current assets held for sale		-	37,145	-	37,145
Increase in loans		40	40	-	-
Repayment of loans by related parties		93	686	147	145
<b>Total inflows</b>		<b>44,639</b>	<b>92,318</b>	<b>44,653</b>	<b>91,371</b>
<b>Outflows:</b>					
Payments for property, plant and equipment		(79,356)	(187,733)	(79,202)	(187,261)
Payments for intangible assets		(18,815)	(11,461)	(18,815)	(11,461)
Payments for financial assets held-to-maturity		(40,000)	-	(40,000)	-
Increase in loans to related parties		(2)	(596)	-	-
Repayment of funds held on deposit		-	-	(1,675)	(2,000)
<b>Total Outflows</b>		<b>(138,173)</b>	<b>(199,790)</b>	<b>(139,692)</b>	<b>(200,722)</b>
<b>Net cash used in investing activities</b>		<b>(93,534)</b>	<b>(107,472)</b>	<b>(95,039)</b>	<b>(109,351)</b>
<b>Cash flows from financing activities</b>					
<b>Inflows:</b>					
Increase in borrowings		20,000	18,500	20,000	18,500
<b>Total inflows</b>		<b>20,000</b>	<b>18,500</b>	<b>20,000</b>	<b>18,500</b>
<b>Outflows:</b>					
Repayment of borrowings		(5,000)	(2,500)	(5,000)	(2,500)
Borrowings - interest repayments		(4,909)	(4,604)	(4,909)	(4,604)
<b>Total outflows</b>		<b>(9,909)</b>	<b>(7,104)</b>	<b>(9,909)</b>	<b>(7,104)</b>
<b>Net cash used in financing activities</b>		<b>10,091</b>	<b>11,396</b>	<b>10,091</b>	<b>11,396</b>
<b>Net increase (decrease) in cash and cash equivalents</b>		<b>(6,371)</b>	<b>(11,689)</b>	<b>(5,052)</b>	<b>(8,368)</b>
Cash and cash equivalents at the beginning of reporting period		42,146	53,936	37,422	45,891
Cash and cash equivalents in new Controlled Entity		422	-	-	-
Effects of exchange rate changes on cash and cash equivalents		(125)	(101)	(125)	(101)
<b>Cash and cash equivalents at end of reporting period</b>	6	<b>36,072</b>	<b>42,146</b>	<b>32,245</b>	<b>37,422</b>

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

The University invests its surplus working capital into bank term investments. These bank term investments are reported as Financial Assets held-to-maturity within Note 8 (2017: \$10.0 million, 2016: \$10.0 million). As a consequence these amounts are not reported within Cash and Cash Equivalents and the movement in these assets are not reported within the Statement of Cash Flows.



## Notes to the Financial Statements

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## 1. Basis of Preparation

These notes, prepared in conjunction with the financial statements, provide an explanation of significant accounting policies and practices adopted in the preparation of the statements. These policies have been consistently applied to all the years presented, unless otherwise stated. The financial statements and notes collectively constitute a general purpose financial report prepared on an accrual basis and in accordance with Australian Accounting Standards, Australian Accounting Standards Board (AASB) interpretations, the Higher Education Support Act 2003, Financial Statement Guidelines of the Department of Education and Training, the South Australian Treasurer's Instructions and the Accounting Policy Framework issued under the provisions of the Public Finance and Audit Act 1987 (except where in conflict with Department of Education and Training requirements) and the Australian Charities and Not-for-profits Commission Act 2012. The University applies Tier 1 reporting requirements.

### (a) Compliance with IFRS

The University of Adelaide is a not-for-profit entity and these financial statements have been prepared on that basis. The financial statements and notes of the University comply with Australian Accounting Standards, some of which contain requirements specific to not-for-profit entities that are inconsistent with IFRS requirements.

### (b) Critical accounting estimates

Preparation of financial statements in conformity with Australian Accounting Standards requires the use of certain critical accounting estimates. It also requires management to exercise its judgement in the process of applying the University's accounting policies. The areas involving a higher degree of judgement or complexity, or areas where assumptions and estimates are significant to the financial statements, are property, plant and equipment, superannuation receivables and associated defined benefit obligations and provisions. Further details are disclosed in the relevant notes to the financial statements.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised and in any future periods affected.

## 2. Scope of Reporting

The financial statements and notes disclose the 2017 operating results and 2016 comparative results of The University of Adelaide as follows:

University - refers to all aspects of operation of The University of Adelaide only.

Consolidated - refers to the financial results of The University of Adelaide together with the financial results of its controlled entities (refer to Note 31). It includes the University's interests in associates (Note 32) and its joint arrangements (Note 34), recognised using the equity accounting method.

The controlled entities of The University of Adelaide, included in this report are:

# ACN 008 123 466 Pty Ltd (Formerly Repromed Pty Ltd)

Adelaide Research & Innovation Pty Ltd as trustee for The Adelaide Research & Innovation Investment Trust

Adelaide Unicare Pty Ltd as trustee for the Unihealth Research & Development Trust

Martindale Holdings Pty Ltd as trustee for

- JS Davies Estate
- The Roseworthy Farm

National Wine Centre Pty Ltd as trustee for the National Wine Centre Trust

Roseworthy Piggery Pty Ltd

Australian Centre for Plant Functional Genomics Pty Ltd (controlled from 15 May 2017)

The Women's and Children's Health Research Institute

# The ownership of the shares in ACN 008 123 466 Pty Ltd (Formerly Repromed Pty Ltd) transferred from Adelaide Research & Innovation Pty Ltd to The University of Adelaide as at 24 March 2016.

### 3. Statement of Significant Accounting Policies

#### (a) Basis of Accounting

This general purpose financial report has been prepared on the basis of historical costs and except where stated, does not take into account changing money values or current valuations of non-current assets.

These accounting policies have been consistently applied by each entity in the Consolidated Entity, and these policies have been consistently applied to all the years presented, unless otherwise stated.

Where necessary, comparative information has been reclassified to achieve consistency in disclosure with current financial year amounts and other disclosures. Where comparatives have been reclassified, the impact of this reclassification has been disclosed in the relevant note.

#### (b) Principles of Consolidation

The consolidated financial statements of the Consolidated Entity include the financial statements of the University, being the parent entity, and its controlled entities ('the Consolidated Entity'). All entities have a 31 December reporting period.

Controlled Entities are those entities over which the Consolidated Entity has control. The Consolidated Entity has control over an entity when it is exposed, or has rights, to variable returns from its involvement with the entity and has the ability to affect those returns through its power over the entity. Power over the entity exists when the Consolidated Entity has existing rights that give it current ability to direct the relevant activities of the entity. The existence and effect of potential voting rights that are currently exercisable or convertible are considered when assessing whether the Consolidated Entity controls another entity. Returns are not necessarily monetary and can be only positive, only negative, or both positive and negative.

Where an entity either began or ceased to be controlled during the year, the results are included only from the date control commenced or up to the date control ceased.

The balances, and effects of transactions, between controlled entities have been eliminated in the consolidated financial statements. Accounting policies of controlled entities have been changed where necessary to ensure consistency with the policies adopted by the Consolidated Entity.

Non-controlling interest in the equity and results of the entities that are controlled by the University are shown as a separate item in the consolidated financial statements.

#### (c) Foreign Currency

The University and its controlled entities financial statements are prepared in Australian dollars as their primary activities are conducted within Australia where the functional currency is Australian dollars.

Foreign currency transactions are translated to Australian currency at the rates of exchange ruling at the dates of the transactions and brought to account in the net operating result. Amounts receivable and payable in foreign currencies at the end of the reporting period are translated at the rates of exchange ruling on that date.

#### (d) Revenue Recognition

The University recognises revenue when the amount of revenue can be reliably measured, it is probable that the future economic benefits will flow to the University and specific criteria have been met for each of the University's activities as described below. In some cases this may not be probable until consideration is received or an uncertainty is removed. The Consolidated Entity bases its estimates on historical results, taking into consideration the type of customer, the type of transaction and the specifics of each arrangement.

Revenue is recognised for the major business activities as follows:

- **Grant Revenue**  
Grant revenue is recognised in the accounting period that the University obtains control of the revenue which is generally when it is received or where the University obtains control of the right to receive the grant and when the revenue recognition criteria are met.
- **HELP payments**  
Revenue from HELP is categorised into those received from the Australian Government and those received directly from students. Revenue is recognised in the year in which the service is provided.
- **Student Tuition Fees and Charges**  
Student tuition fees and charges are recognised in the year in which the service is provided.
- **Consultancy, Contract and Industry Research**  
Consultancy, contract and industry research income is recognised in the accounting period in which the service is provided.
- **Bequests and Donations**  
Bequests and donations are recognised as income in the accounting period they are received.
- **Interest and Investment Income**  
Interest and income from investments are recognised as they accrue (refer to Note 3(j)).

- **Royalties, trademarks and licences**  
Revenue from royalties, trademarks and licences is recognised as income when earned.
- **Asset Sales**  
The net gain/loss from asset sales is included in the Consolidated Entity net operating result. The profit or loss on disposal of assets is brought to account at the date the contract of sale becomes unconditional.

**(e) Goods and Services Tax**

Revenues, expenses, assets and liabilities are recognised net of the amount of Goods and Services Tax (GST), except where the amount of GST incurred is not recoverable from the Australian Tax 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 as a current asset or liability in the Statement of Financial Position.

Cash flows are included in the Statement of Cash Flows on a net 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.

**(f) Income Tax**

The University does not provide for Australian income tax as it is exempt under the provisions of Division 50 of the *Income Tax Assessment Act 1997*.

**(g) Intangible Assets**

Research expenditure is expensed in the period in which it is incurred. Where no internally generated asset can be recognised, development expenditure is recognised as an expense in the period as incurred.

Any intangible assets arising from development (or from the development phase of an internal project) are recognised if, and only if, all of the following are demonstrated:

- the technical feasibility of completing the intangible asset so that it will be available for use or sale;
- the intention to complete the intangible asset and use or sell it;
- the ability to use or sell the intangible asset;
- how the intangible asset will generate probable future economic benefits;
- the availability of adequate technical, financial and other resources to complete the development and to use or sell the intangible asset; and
- the ability to measure reliably the expenditure attributable to the intangible asset during its development.

All computer software other than operating systems is treated as intangible assets.

Intangible assets are stated at cost less accumulated amortisation and impairment, whereby impairment is tested annually (refer to Note 15). Amortisation is calculated on a straight-line basis over periods generally ranging from 3 to 5 years.

**(h) Employee Benefits**

• **Wages and Salaries**

The employees' entitlements to wages and salaries represent the amount which the Consolidated Entity has a present obligation to pay resulting from employees' services provided up to the end of the reporting period. The entitlements have been calculated at the wage and salary rates as at the end of the reporting period and have been recognised in payables.

• **Annual Leave**

The employees' entitlements to annual leave expected to be settled within 12 months of the end of the reporting period have been calculated at the amounts expected to be paid when the liabilities are settled and recognised in current provisions. Where the employees' entitlements 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 value using the Australian Government 3 year bond rate and recognised in non-current provisions. The employee on-costs related to annual leave provision are recognised in payables.

• **Long Service Leave**

The liability for employees' entitlements to long service leave represents the present value of the estimated future cash outflows to be made by the employer resulting from employees' services provided up to the end of the reporting period.

Liabilities for employees' entitlements, which are not expected to be settled within twelve months, are discounted using the rates attaching to Australian Government securities at the end of the reporting period, which most closely match the terms of maturity of the related liabilities, and recognised in non-current provisions.

In determining the liability for employees' entitlements, consideration has been given to future increases in wage and salary rates, and the Consolidated Entity's experience with staff departures. Related on-costs have been recognised in payables.



- **Superannuation**  
Superannuation schemes exist to provide benefits to University employees and their dependents upon retirement, disability or death. The contributions made to these schemes by the University, and emerging costs from unfunded schemes, are expensed in the Net operating result. For defined benefit plans, the remeasurement gains and losses are recognised immediately in other comprehensive income in the year in which they occur and the liability in relation to the defined benefit obligation, net of assets, has been recognised in the Statement of Financial Position. Refer to Note 25 for details relating to the individual schemes.
  - **Termination Benefits**  
Termination benefits are payable when employment is terminated before the normal retirement date, or when an employee accepts an offer of benefits in exchange for the termination of employment. The Consolidated Entity recognises the expense and liability for termination benefits either when it can no longer withdraw the offer of those benefits or when it has recognised costs for restructuring within the scope of AASB137 that involves the payment of termination benefits. The expense and liability are recognised when the Consolidated Entity is demonstrably committed to either terminating the employment of current employees according to a detailed formal plan without possibility of withdrawal or providing termination benefits as a result of an offer made to encourage voluntary redundancy.
- (i) **Receivables**  
Trade receivables are initially recognised at fair value. The collectability of receivables is assessed at the end of the reporting period and provision is made for any amounts considered to be doubtful. Any debts considered to be non-collectable have been expensed as bad debts.
- (j) **Cash and Cash Equivalents**  
Cash and cash equivalents includes cash at bank or on hand and deposits held at call with financial institutions.
- (k) **Other Financial Assets**  
The Consolidated Entity classifies its investments into the following categories: financial assets at fair value through profit or loss, financial assets held-to-maturity, available for sale financial assets and loans and receivables. The classification depends on the purpose for which the investments were acquired. The classification of the investments is made at initial recognition and is reviewed at the end of each reporting period.
- **Financial assets at fair value through profit or loss**  
Financial assets at fair value through profit or loss are classified as current assets in the Statement of Financial Position, with any realised and unrealised gains or losses recognised in the net operating result.
- Endowment Fund*
- The majority of specific purpose endowments received by the University to fund research activities, scholarships, prizes and lectures are included in the Endowment Fund. This Fund is invested in cash deposits and longer term investments managed by independent investment managers. These investments are reported in non-current financial assets in the Statement of Financial Position at market values obtained from the investment managers.
- **Financial assets held-to-maturity**  
Held-to-maturity investments are non-derivative financial assets with fixed or determinable payments and fixed maturities that the University's management has the positive intention and ability to hold to maturity. The University places its surplus operating funds into bank term deposits with fixed maturity dates. Financial assets held to maturity are carried at cost.
  - **Available-for-sale financial assets**  
The financial assets are classified in this category where there is an intention to dispose of the investment, rather than replacing the investment through trading or where they are not classified in any of the other categories. Available for sale financial assets are recorded at fair value less impairment in the Statement of Financial Position. Unrealised gains and losses arising from changes in fair value are recognised directly in equity, until the investment is disposed of or is determined impaired, at which time the cumulative unrealised gain or loss previously recognised in the reserve is included in the net operating result for the period. The University's investments in controlled entities are classified as non-current available-for-sale financial assets as the University does not intend to dispose of these assets in the near future.
  - **Loans and receivables**  
Financial assets are classified in this category when the Consolidated Entity provides money, goods or services to a debtor with no intention of selling the receivable. Financial assets classified as loans and receivables are recorded at amortised cost less impairment. They are included in current assets, except for those with maturities greater than 12 months after the end of the reporting period which are classified as non-current assets.
- (l) **Derivative Financial Instruments**  
The Consolidated Entity enters into interest rate swaps (Derivative financial instruments) to manage its exposure to movements in interest rates on its borrowings.

In addition, the Consolidated Entity enters into foreign currency swaps (Derivative financial instruments) to manage its exposure to movements in exchange rates on its capital expenditure.

Derivatives are initially recognised at fair value at the date a derivative contract is entered into and are subsequently remeasured to their fair value at each reporting date. The resulting gain or loss is recognised as an asset or liability as the swaps are effective hedging instruments.

The fair value of hedging derivatives is classified as a non-current asset or a non-current liability if the remaining maturity of the hedge relationship is more than 12 months and as a current asset or a current liability if the remaining maturity of the hedge relationship is less than 12 months.

#### Hedge accounting

The Consolidated Entity has designated the interest rate and foreign currency swaps as cash flow hedges.

At the inception of the hedge relationship the entity documents the relationship between the hedging instrument and hedged item, along with its risk management objectives and its strategy for undertaking various hedge transactions. Furthermore, at the inception of the hedge and on an ongoing basis, the Consolidated Entity documents whether the hedging instrument that is used in a hedging relationship is highly effective in offsetting cash flows of the hedged item.

#### Cash flow hedge

The effective portion of changes in the fair value of derivatives that are designated and qualify as cash flow hedges are deferred in the Statement of Comprehensive Income. The gain or loss relating to the ineffective portion is recognised immediately in the net operating result. As at 31 December 2017 there are no ineffective hedge instruments.

Amounts deferred in equity are recorded in the net operating result in the periods when the hedged item is recognised in the net operating result. However, when the forecast transaction that is hedged results in the recognition of a non-financial asset or a non-financial liability, the gains and losses previously deferred in equity are transferred from equity and included in the initial measurement of the cost of the asset or liability.

Hedge accounting is discontinued when the Consolidated Entity revokes the hedging relationship, the hedging instrument expires or is sold, terminated, or exercised, or no longer qualifies for hedge accounting. Any cumulative gain or loss deferred in equity at that time remains in equity and is recognised when the forecast transaction is ultimately recognised in the net operating result. When a forecast transaction is no longer expected to occur, the cumulative gain or loss that was deferred in other comprehensive income is recognised immediately in the net operating result.

### **(m) Fair Value Measurement**

The fair value of assets and liabilities must be measured for recognition and disclosure purposes.

The Consolidated Entity classifies fair value measurements using a fair value hierarchy that reflects the significance of the inputs used in making the measurements.

The fair value of financial assets or liabilities traded in active markets is based on quoted market prices for identical assets or liabilities at the end of the reporting period (level 1). The quoted market price used for assets held by the Consolidated Entity is the most representative of fair value in the circumstances within the bid-ask spread.

The fair value of financial assets or liabilities that are not traded in an active market is determined using valuation techniques. The Consolidated Entity uses a variety of methods and makes assumptions that are based on market conditions existing at the end of the reporting period. Quoted market prices or dealer quotes for similar instruments (level 2) are used for long-term debt instruments held. Other techniques that are not based on observable market data (level 3) are used to determine fair value for the remaining assets and liabilities. The fair value of interest rate swaps is calculated as the present value of the estimated future cash flows. The fair value of forward exchange contracts is determined using forward exchange market rates at the end of the reporting period. The level in the fair value hierarchy is determined on the basis of the lowest level input that is significant to the fair value measurement in its entirety.

Fair value measurement of non-financial assets is based on the highest and best use of the asset. The Consolidated Entity considers market participants use of, or purchase of the asset, to use it in a manner that would be highest and best use.

The carrying value less impairment provision of trade receivables are assumed to approximate their fair values due to their short-term nature. The fair value of financial liabilities for disclosure purposes is estimated by discounting the future contractual cash flows at the current market interest rate that is available to the Consolidated Entity for similar financial instruments.

### **(n) Investments in Business Undertakings**

#### • **Controlled Entities**

Investments in controlled entities are carried in the University's financial statements at fair value. Dividends and distributions are brought to account in the net operating result when they are declared by the controlled entities.

#### • **Interests in Associates**

Interests in associates represent interests where the Consolidated Entity exercises a significant influence but not control over the financial and operating policies.

In the University's financial statements, investments in these entities are carried at cost.

In the consolidated financial statements, investments in these entities are accounted for using the equity method of accounting. The Consolidated Entity's share of the net profit or loss after tax is recognised in Consolidated Other comprehensive income after the elimination of unrealised profits and losses on transactions between these entities and any entities in the Consolidated Entity.

- **Joint Arrangements**  
Where the Consolidated Entity has joint control of an entity as described in Note 34, the Consolidated Entity interests are accounted for using the equity method, based on management reports.
- **Cooperative Research Centres**  
The University derives income as part of its participation in Cooperative Research Centres, as listed in Note 33. In the ordinary course of events this income, which is recognised in the financial statements of the University, is used to meet operational costs and/or acquire equipment. As a participant, the University will be entitled to a proportionate share of any intellectual property arising. As at the reporting date, the University is not aware of any material intellectual property with commercial value. As such no accounting entries have been recorded.
- **Other Business Undertakings**  
The Consolidated Entity holds a number of investments. In the case of publicly listed investments, these have been valued at market value. In the case of non publicly listed investments, the value of the investment is carried at the University's share of the net tangible assets of the investment entity.

**(o) Inventories**

- **Consumable Materials and Trading Stock**  
The University has a number of inventory stores at several locations. These inventory stores are treated as consumables with all stock expensed in the current year.
- **Livestock**  
The University breeds animals for teaching and research activities and not for profit. Consequently it does not attribute a value to livestock for recording in the Statement of Financial Position. Where controlled entities have reported livestock, this is included at net realisable value.

**(p) Property, Plant and Equipment**

- **Acquisitions**  
Items of property, plant and equipment are initially recorded at cost in the Statement of Financial Position (unless otherwise indicated) and depreciated in accordance with Note 3(r).
- **Revaluations**  
During 2016 land and buildings were independently valued on a fair value basis in accordance with Australian Accounting Standards.  
  
Any accumulated depreciation at the date of revaluation is eliminated against the gross carrying amount of the asset and the net amount is restated to the revalued amount of the asset. All other property, plant and equipment is stated at historical cost less depreciation.

Increases in the carrying amounts arising on revaluation of land and buildings, library collection and works of art are credited to capital reserves in equity within the Statement of Financial Position except to the extent that they reverse previous reductions in the carrying amounts which were charged to the net operating result. Decreases that reverse previous increases of the same class of asset are first charged against the capital reserves in equity to the extent of the remaining reserve attributable to the class of asset. All other decreases are charged to the net operating result.

- **Disposal of Revalued Assets**  
The gain or loss on disposal of revalued assets is calculated as the difference between the carrying amount of the asset at the time of disposal and the proceeds on disposal and is included in the results in the year of disposal.
- **Land and Buildings**  
The University differentiates between "trust" and "other" land and buildings. "Trust" land is land provided to the University by Government to be held in trust for the specific purpose of operating the University, or acquired by settlement under a binding trust. Buildings constructed on land classified as "trust" land are classified as "trust" buildings.  
  
All land and buildings are recorded at fair value which has been assessed via an independent valuation on the basis of market value for existing use or where this is not suitable, the depreciated replacement cost. The valuation of land and buildings has been carried out by Mr Matthew Ward, AAPI, B.App.Sc (Property Economics), Mr Nicholas Fein, BE, Mr Timothy Ashton, AAPI of AssetVal Pty Ltd on 31 December 2016.
- **Other Collections**  
The University owns a number of collections of cultural, historical and scientific significance. Many of these collections are unique or extremely rare. The University is not able to reliably measure the value of these collections and therefore has not recognised them as an asset in the Statement of Financial Position. Furthermore, collections which are irreplaceable (excluding works of art) are not covered by University insurance due to difficulty in determining an insurable value, the costs associated with deriving such a value, and the premium load an insurer would require to carry such a risk.
- **Library Collection**  
The Library collection was revalued on 31 December 2016 using an internal valuation based on the annual price movement of books.

- **Works of Art**  
Works of art \$2,000 and greater, are recorded at fair value on the basis of an independent valuation carried out by Ms Kate Oster PGDip. Art Curatorship, BA Theodore Bruce Auctions Pty Ltd on 31 December 2017. No provision for depreciation is made for works of art.
- **Leased Property, Plant and Equipment**  
Leases of property, plant and equipment where the University, as lessee, has substantially all the risks and rewards of ownership are classified as finance leases.  
Leases in which a significant portion of the risks and rewards of ownership are retained by the lessor are classified as operating leases. Payments made under operating leases are charged to the net operating result on a straight-line basis, over the period of the lease.

**(q) Impairment of Assets**

The Consolidated Entity assesses at the end of the reporting period whether there is objective evidence that an asset or group of assets is impaired.

Assets that are subject to amortisation are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. An impairment loss is recognised in the net operating result 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.

Assets that have an indefinite useful life are not subject to amortisation and are tested annually for impairment, or more frequently if changes in circumstances indicate they might be impaired. An impairment loss is recognised if the carrying amount of the asset or its related cash-generating-unit (CGU) exceeds its recoverable amount.

**(r) Depreciation and Amortisation**

Depreciation on buildings is calculated on a straight line basis. Depreciation is provided on other property, plant and equipment, excluding land and works of art, on a straight line basis so as to write off the net cost or other revalued amount of each asset over its remaining expected useful life. Leasehold improvements are amortised over the period of the lease or estimated useful life, whichever is the shorter, using the straight line method. The following estimated useful lives are used in the calculation of depreciation/amortisation:

- |                                                |                |
|------------------------------------------------|----------------|
| • Buildings                                    | 80 – 100 years |
| • Leasehold improvements                       | 5 – 50 years   |
| • Library Collection                           | 10 years       |
| • Plant and equipment including motor vehicles | 5 – 10 years   |

The assets' residual values and useful lives are reviewed, and adjusted if appropriate, at the end of the reporting period.

**(s) Repairs and Maintenance**

Repairs and maintenance costs are recognised as expenses as incurred, except where they relate to the replacement component of an asset, in which case the costs are capitalised and depreciated. Other routine operating maintenance, repair or minor renewal costs are also recognised as expenses, as incurred.

**(t) Workers' Compensation**

The University is responsible for payments of workers' compensation claims and is registered with the ReturnToWorkSA as an exempt employer.

The actuarial assessment of the provision for workers' compensation claims has been prepared by Brett & Watson Pty Ltd using the Case Estimation Methodology. This methodology comprises the assessment of individual independent case estimates of all open claims. A separate allowance for incurred but not reported claims (IBNR), unforeseen escalation of the case estimates and re-opening of finalised claims is then made.

**(u) Payables**

These amounts represent liabilities for goods and services provided to the Consolidated Entity prior to the end of the financial year, which are unpaid. The amounts are unsecured and are usually paid within 30 days of recognition.

**(v) Salaries and Related Expenses**

Items attributed to salaries and related expenses include salaries and wages, employee entitlements and other costs incidental to the employment of staff such as professional development costs and fringe benefits tax.

**(w) Borrowings and Borrowing Costs**

Borrowings are classified as current liabilities unless the Consolidated Entity has an unconditional right to defer settlement of the liability for at least 12 months after the end of the reporting period and does not expect to settle the liability for at least 12 months after the end of the reporting period. Borrowing costs are expensed as incurred.



(x) **New or revised Australian Accounting Standards and Interpretations issued but not yet effective**

Certain new accounting standards and interpretations have been published that are not mandatory for 31 December 2017 reporting periods. The University has elected not to early adopt any of these standards. The University is yet to perform a detailed assessment of the impacts of these new standards, however, the preliminary assessments are set out below:

Reference	Title and date of Standard application*	Summary	Impact on financial statements
AASB 9	<i>Financial Instruments</i> 1 January 2018	AASB 9 applies, with some exceptions, to all types of financial instruments and introduces a new classification model for financial assets that is more principles-based than the previous requirements in AASB 139. A financial instrument is any contract that gives rise to a financial asset of one entity and a financial liability or equity instrument of another entity.	<p>The University is currently assessing the impact of AASB 9 but does not expect this standard to have a material impact upon the classification of its financial instruments.</p> <p>Presently, the University is unable to completely estimate the impact of AASB 9 on its financial statements. The University will make a more detailed assessment of the impact over the next 12 months.</p>
AASB 15	<i>Revenue from Contracts with Customers</i> 1 January 2019	<p>AASB 15 is the new standard for revenue recognition and replaces AASB 118 Revenue.</p> <p>It establishes a comprehensive framework for determining whether, how and when revenue is recognised.</p> <p>The principle in the new standard is 'when control of a good or service transfers to a customer' rather than 'when the risk and rewards of ownership reside'.</p>	<p>The University is currently assessing the impact of AASB 15 and has identified there could be a potential impact on the timing of the recognition of certain revenue types.</p> <p>Presently, the University is unable to completely estimate the impact of AASB 15 on its financial statements. The University will make a more detailed assessment of the impact over the next 12 months.</p>
AASB 1058	<i>Income of Not-for-Profit Entities</i> 1 January 2019	<p>This standard clarifies and simplifies the income recognition requirements that apply to not-for-profit entities in conjunction with AASB 15.</p> <p>AASB 15 and 1058 will supersede the majority of income recognition requirements relating to public sector not-for-profit entities, previously in AASB 1004.</p> <p>The timing of income recognition depends on whether a transaction gives rise to a liability or other performance obligation or a contribution by owners related to an asset received by the entity.</p> <p>AASB 1058 applies when a not-for-profit entity enters into transactions where the consideration to acquire an asset is significantly less than the fair value of the asset principally to enable the entity to further its objectives.</p>	<p>The University is currently assessing the impact of AASB 1058 and has identified there could be a potential impact on the timing of the recognition of certain revenue types.</p> <p>Presently, the University is unable to estimate the impact of AASB 1058 on its financial statements. The University will make a more detailed assessment of the impact over the next 12 months.</p>
AASB 16	<i>Leases</i> 1 January 2019	<p>This new standard introduces a single accounting model for lessees.</p> <p>The standard requires a lessee to recognise assets and liabilities for all leases with a term of more than 12 months, unless the underlying asset is of low value.</p> <p>A lessee is required to recognise a right-of-use asset representing its right to use the underlying leased asset, and a lease liability representing its obligations to make lease payments.</p> <p>In effect, the majority of leases currently classified as operating leases will be reported on the Statement of Financial Position.</p>	<p>This new standard is a significant change from the past 30 years of accounting for leases. The University is currently assessing the impact of AASB 16 and has identified that there is likely to be a material impact in recognising the assets and liabilities associated with operating leases exceeding 12 months.</p> <p>The University has not yet quantified the impact on the Statement of Comprehensive Income or the Statement of Financial Position of applying AASB 16 to its current operating lease arrangements.</p>

\* Designates the beginning of the applicable annual reporting period

(y) **Changes in accounting policy and disclosure**

• **Basis of depreciation of freehold buildings**

From 1 January 2017, the consolidated entity changed its depreciation methodology for buildings from the diminishing value to straight line basis in order to align with the approach adopted by the external valuers when valuing the University's buildings as at 31 December 2016. The consolidated entity applied the straight line basis of depreciation to buildings prospectively. The impact of the effect in future periods as a consequence of the change in depreciation basis has not been disclosed as estimating it is impracticable. For details refer to Note 3(r).

• **Revision of Research Block Grant Funding Schemes**

On 7 December 2015 the Australian Government released the National Innovation and Science Agenda (NISA). The Agenda included a measure introducing new funding arrangements for research block grants for universities.

From 1 January 2017, the six previous research block grant programs were replaced with two simpler streamlined programs:

- The Research Support Program which provides a flexible funding stream to support the systemic costs of research; and
- The Research Training Program which provides support for the training of the next generation of researchers and innovators.

The reclassification of the 2016 programs to the new 2017 programs was as follows:

2017	2016
Research Support Program	Joint Research Engagement JRE Engineering Cadetships Research Infrastructure Block Grants Sustainable Research Excellence
Research Training Program	Australian Postgraduate Awards International Postgraduate Research Scholarships Research Training Scheme

As a result of the changes to the Research Block Grant Funding Schemes, the 2016 comparatives of a number of the Income Statement revenue lines and Notes 38(a)-(c) were restated. Overall, \$45.6 million was reclassified from Revenue received under the Higher Education Support Act ("HESA") and Learning and Teaching Grants to Research Training Program revenue. In addition, \$15.3M million was reclassified from Revenue received under HESA and Research Grants and Fees to Research Support Program revenue.

(z) **Rounding**

All amounts in this report are rounded to the nearest thousand dollars.

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>4. Revenue from continuing operations</b>					
<b>Received under Higher Education Support Act</b>					
<b>Base operating financial assistance</b>					
Commonwealth Grants Scheme (Commonwealth supported places)		166,102	175,544	166,102	175,544
		<b>166,102</b>	<b>175,544</b>	<b>166,102</b>	<b>175,544</b>
<b>Other operating financial assistance</b>					
Other operating financial assistance		3,731	5,668	3,731	5,668
		<b>3,731</b>	<b>5,668</b>	<b>3,731</b>	<b>5,668</b>
<b>Higher Education Contribution Scheme</b>					
HECS-HELP student upfront payments		10,428	12,587	10,428	12,587
Australian Government financial assistance		103,886	103,801	103,886	103,801
		<b>114,314</b>	<b>116,388</b>	<b>114,314</b>	<b>116,388</b>
		<b>284,147</b>	<b>297,600</b>	<b>284,147</b>	<b>297,600</b>
<b>Student fee income includes:</b>					
<b>Fee paying student revenue received</b>					
<b>Award courses</b>					
Australian fee paying undergraduate students		665	294	665	294
Australian fee paying postgraduate students		3,310	3,469	3,310	3,469
International fee paying students		204,088	181,720	204,088	181,720
		<b>208,063</b>	<b>185,483</b>	<b>208,063</b>	<b>185,483</b>
<b>Non award courses</b>					
Continuing education		595	640	595	640
Australian fee paying		7,233	7,201	7,233	7,201
Other teaching service fees		4,404	5,124	4,404	5,124
		<b>12,232</b>	<b>12,965</b>	<b>12,232</b>	<b>12,965</b>
<b>Non-course income</b>					
Student services and amenities fees		3,233	3,059	3,233	3,059
		<b>3,233</b>	<b>3,059</b>	<b>3,233</b>	<b>3,059</b>
		<b>223,528</b>	<b>201,507</b>	<b>223,528</b>	<b>201,507</b>
<b>Australian Government financial assistance</b>					
FEE-HELP		10,692	11,700	10,692	11,700
SA-HELP		3,173	3,217	3,173	3,217
		<b>237,393</b>	<b>216,424</b>	<b>237,393</b>	<b>216,424</b>
<b>Learning and teaching grants</b>					
Learning and teaching grants		20,441	17,996	20,441	17,996
		<b>20,441</b>	<b>17,996</b>	<b>20,441</b>	<b>17,996</b>
		<b>257,834</b>	<b>234,420</b>	<b>257,834</b>	<b>234,420</b>

	Note	Consolidated		University	
		2017	2016	2017	2016
		\$000	\$000	\$000	\$000
<b>4. Revenue from continuing operations - continued</b>					
<b>Investment revenue</b>					
Interest income					
Bank deposits		762	924	723	591
Held-to-maturity bank term investments		520	2,004	520	2,004
Dividends received		1	72	1	1
Distributions from controlled entities		-	-	352	407
Other investment gains and losses					
Net realised gain on endowment fund investments		10,701	7,661	10,617	7,661
Net unrealised gain on endowment fund investments		20,118	10,931	19,449	10,267
Revaluation gain on investments		7,433	3,366	7,433	3,338
Royalties, trademarks and licences		7,856	3,874	9,397	1,290
		<b>47,391</b>	<b>28,832</b>	<b>48,492</b>	<b>25,559</b>
<b>Property revenue</b>					
Rental charges/accommodation fees		10,354	11,641	10,062	11,509
Parking fees		2,112	2,175	2,112	2,175
Building development and maintenance recovery		1,222	1,643	1,222	1,643
Other property revenue		477	516	714	647
		<b>14,165</b>	<b>15,975</b>	<b>14,110</b>	<b>15,974</b>
<b>Specialist services and trading</b>					
Consultancy fees		8,411	9,692	8,407	7,283
Library charges and fines		469	293	469	293
Sale of services		26,635	29,145	9,862	11,886
Sale of goods		3,226	3,378	627	358
Sponsorship and conference income		2,498	2,405	2,498	2,405
Other specialist services and trading		1,554	1,476	1,541	1,359
		<b>42,793</b>	<b>46,389</b>	<b>23,404</b>	<b>23,584</b>
<b>Bequests, donations and other revenue</b>					
Bequests and donations received for:					
Research		2,733	1,438	10,321	1,438
General operational purposes		3,830	3,244	3,830	3,244
		<b>6,563</b>	<b>4,682</b>	<b>14,151</b>	<b>4,682</b>
Prizes and scholarships		1,740	3,758	1,740	3,758
Recharge of costs to other organisations		1,364	319	1,364	319
Application management and late fees		2,758	1,813	2,758	1,813
Franchise fees		2,151	2,945	2,151	2,945
Bad debts recoveries		2,277	6	2,277	6
Insurance claim recovery		103	414	103	414
Salary recharges		2,346	1,837	2,346	1,837
AusAid Scholarships & stipends		2,903	4,088	2,903	4,088
Reversal of impairment of other buildings		-	4,843	-	3,632
Gain on finance lease recognition		3,479	-	3,479	-
Net gain on disposal of assets		-	1,295	-	1,336
Gain on acquisition of Controlled Entity		173	-	-	-
Other revenue		8,202	11,277	8,895	8,401
		<b>34,059</b>	<b>37,277</b>	<b>42,167</b>	<b>33,231</b>
<b>Share of other comprehensive income of associates and joint ventures accounted for using the equity method</b>					
Joint ventures	34	(311)	102	-	-
Associates	32	(231)	(221)	-	-
		<b>(542)</b>	<b>(119)</b>	<b>-</b>	<b>-</b>



	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>5. Expenses from continuing operations</b>					
<b>Salaries and related expenses</b>					
<b>Salaries and related expenses - Academic</b>					
Salaries		199,817	189,760	199,817	189,760
Contributions to superannuation and pension schemes					
Contributions to funded schemes		31,418	30,721	31,418	30,721
Contributions to unfunded schemes		68	69	68	69
Payroll tax		13,374	13,146	13,374	13,146
Annual leave		13,689	14,499	13,689	14,499
Long service leave		3,792	4,105	3,792	4,105
Workers' compensation		519	918	519	918
Other		7,617	7,456	7,617	7,456
Redundancy expenses		929	102	929	102
Total academic salaries and related expenses		<b>271,223</b>	<b>260,776</b>	<b>271,223</b>	<b>260,776</b>
<b>Salaries and related expenses - Non-academic</b>					
Salaries		172,769	164,636	164,591	155,060
Contributions to superannuation and pension schemes					
Contributions to funded schemes		27,999	26,677	27,231	25,734
Contributions to unfunded schemes		85	58	85	58
Payroll tax		9,316	11,266	9,130	10,992
Annual leave		12,577	12,962	12,175	12,441
Long service leave		3,119	4,212	2,948	4,084
Workers' compensation		107	465	107	465
Other		5,281	6,357	5,273	6,340
Redundancy expenses		6,243	10,202	6,243	10,202
Total non-academic salaries and related expenses		<b>237,496</b>	<b>236,835</b>	<b>227,783</b>	<b>225,376</b>
Total salaries and related expenses		<b>508,719</b>	<b>497,611</b>	<b>499,006</b>	<b>486,152</b>
<b>Teaching and research</b>					
Agriculture, animals and cropping		2,232	1,847	2,232	1,847
Books, subscriptions and printed material		10,815	10,510	10,815	10,510
Laboratory expenses		19,274	19,359	19,274	19,357
Research transfer to other institutions		35,724	33,699	35,000	33,099
Other teaching and research		26,501	28,364	25,055	28,364
		<b>94,546</b>	<b>93,779</b>	<b>92,376</b>	<b>93,177</b>
<b>Buildings and grounds</b>					
Cleaning and security		11,427	9,663	11,053	9,257
Property maintenance		16,589	21,718	16,471	21,623
Building leases and rent		15,571	16,448	15,370	16,117
Utilities		15,465	14,973	15,368	14,933
		<b>59,052</b>	<b>62,802</b>	<b>58,262</b>	<b>61,930</b>

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>5. Expenses from continuing operations - continued</b>					
<b>Finance costs</b>					
Interest		4,887	5,448	4,902	4,838
Finance charges		299	448	299	386
		<b>5,186</b>	<b>5,896</b>	<b>5,201</b>	<b>5,224</b>
<b>Administration, communication and travel</b>					
Consultants & specialist services		18,910	22,518	14,144	17,373
Fees & licenses		25,456	19,108	25,426	19,076
Insurance		1,685	2,841	1,599	2,734
Administration & communication		22,311	44,579	13,640	12,184
Publicity and fundraising		5,518	5,128	5,355	4,890
Travel, accommodation & entertainment		26,706	24,072	26,677	24,038
		<b>100,586</b>	<b>118,246</b>	<b>86,841</b>	<b>80,295</b>
<b>Finance and fund administration</b>					
<b>Bad and doubtful debts</b>					
Student loans		6	(7)	6	(7)
Student tuition		(85)	332	(85)	332
Other debtors		423	296	399	296
		<b>344</b>	<b>621</b>	<b>320</b>	<b>621</b>
Management and merchant fees		1,351	1,563	1,351	1,563
Fringe benefit tax payments		989	1,157	989	1,157
Other		179	187	179	187
		<b>2,863</b>	<b>3,528</b>	<b>2,839</b>	<b>3,528</b>
<b>Misc equip, dep'n and net loss on disposal of assets includes:</b>					
<b>Amortisation of intangible assets</b>					
Software		<b>9,429</b>	<b>6,276</b>	<b>9,429</b>	<b>6,276</b>
<b>Amortisation</b>					
Leasehold improvements	3(r)	2,872	2,706	2,872	2,695
		<b>12,301</b>	<b>8,982</b>	<b>12,301</b>	<b>8,971</b>
<b>Depreciation</b>					
Buildings	3(r)	24,284	23,843	24,188	23,785
Plant, equipment and motor vehicles		17,844	14,806	17,369	14,344
Library collection		1,709	2,194	1,709	2,194
		<b>43,837</b>	<b>40,843</b>	<b>43,266</b>	<b>40,323</b>
		<b>56,138</b>	<b>49,825</b>	<b>55,567</b>	<b>49,294</b>
Non-capitalised equipment		10,694	9,736	10,694	9,736
Net loss on disposal of assets		6,293	-	6,293	-
		<b>73,125</b>	<b>59,561</b>	<b>72,554</b>	<b>59,030</b>

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>6. Cash and Cash Equivalents</b>	3(j)				
Cash at bank or on hand		25,922	36,846	22,245	32,422
Short term deposits at call		10,150	5,300	10,000	5,000
		<b>36,072</b>	<b>42,146</b>	<b>32,245</b>	<b>37,422</b>

The University invested its surplus working capital into bank term investments (2017: \$10.0 million, 2016: \$10.0 million). These bank term investments have been reported as Financial Assets held-to-maturity in Note 8. As a result these funds are not reported within Cash and Cash Equivalents or within the Statement of Cash Flows.

<b>7. Receivables</b>		3(i)			
<b>Current</b>					
Student tuition fees		4,496	5,262	4,496	5,262
Less: provision for impaired receivables		(193)	(433)	(193)	(433)
		<b>4,303</b>	<b>4,829</b>	<b>4,303</b>	<b>4,829</b>
Trade debtors		19,940	23,764	20,268	22,126
Less: provision for impaired receivables		(638)	(352)	(424)	(148)
		<b>19,302</b>	<b>23,412</b>	<b>19,844</b>	<b>21,978</b>
Sundry debtors		6,305	9,134	5,954	9,134
Less: provision for impaired receivables		-	(2,276)	-	(2,276)
		<b>6,305</b>	<b>6,858</b>	<b>5,954</b>	<b>6,858</b>
Student loans		40	140	40	140
Less: provision for impaired receivables		(17)	(92)	(17)	(92)
		<b>23</b>	<b>48</b>	<b>23</b>	<b>48</b>
		<b>29,933</b>	<b>35,147</b>	<b>30,124</b>	<b>33,713</b>

**(a) Impaired receivables**

As at 31 December 2017 current receivables of the group with a nominal value of \$0.8 million (2016: \$3.3 million) were impaired. The amount of the provision was \$0.8 million (2016: \$3.2 million). The individually impaired receivables relate to outstanding trade, sundry and student debtors. It was assessed that a portion of the receivables is expected to be recovered.

The ageing of impaired receivables is as follows:

0 to 3 months	109	103	109	103
3 to 6 months	13	156	13	156
Over 6 months	726	3,074	512	2,870
Total current impaired receivables	<b>848</b>	<b>3,333</b>	<b>634</b>	<b>3,129</b>

As at 31 December 2017 current receivables of the group of \$30.0 million (2016: \$35.0 million) were not impaired. These receivables mainly relate to a number of Government agencies and independent customers for whom there is no recent history of default. The ageing analysis of these receivables is as follows:

0 to 3 months	26,699	28,728	27,185	28,323
3 to 6 months	2,300	5,211	2,280	4,672
Over 6 months	934	1,028	659	538
Total past due but not impaired current receivables	<b>29,933</b>	<b>34,967</b>	<b>30,124</b>	<b>33,533</b>

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>7. Receivables - continued</b>					
<b>(a) Impaired receivables - continued</b>					
The movement in the provision for impaired receivables is as follows:					
At 1 January		3,153	2,829	2,949	2,528
Net provision for impairment recognised/(reversed) during the year		(2,375)	95	(2,385)	123
Receivables written off during the year as uncollectible		70	229	70	298
<b>At 31 December</b>		<b>848</b>	<b>3,153</b>	<b>634</b>	<b>2,949</b>

The creation and release of the provision for impaired receivables has been included in 'Finance and fund administration' in the Statement of Comprehensive Income. Amounts charged to the provision account are generally written off when there is no expectation of recovering additional cash. The other amounts within receivables do not contain impaired assets and it is expected that these amounts will be received in full.

## 8. Other Financial Assets

### Current

Other loans		31	92	31	147
Held-to-maturity - bank term investments		10,000	10,000	10,000	10,000
		<b>10,031</b>	<b>10,092</b>	<b>10,031</b>	<b>10,147</b>

### Non-current

#### Fair value through profit or loss

Endowment Fund - external fund managers	3(k)	297,860	270,600	297,860	270,600
Other shares		28,281	20,461	28,281	20,430
<b>Total fair value through profit or loss</b>		<b>326,141</b>	<b>291,061</b>	<b>326,141</b>	<b>291,030</b>

Other loans		-	31	-	31
<b>Total non-current other financial assets</b>		<b>326,141</b>	<b>291,092</b>	<b>326,141</b>	<b>291,061</b>

#### Held-to-maturity - bank term investments

The University invests its surplus working capital into bank term investments and these bank term investments have been reported as Financial Assets held-to-maturity. As a result these funds are not reported within Cash and Cash Equivalents in Note 6 or within the Statement of Cash Flows.

#### Endowment Fund

The University holds investments arising from donations and bequests for the purpose of funding scholarships, prizes and research. These funds are invested with external fund managers in unlisted managed investment schemes.



	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>9. Derivative Financial Instruments</b>					
<b>Current Liabilities</b>					
Foreign currency swap contracts - cash flow hedges		18	-	18	-
<b>Non-Current Liabilities</b>					
Interest rate swap contracts - cash flow hedges		12,905	13,856	12,905	13,856
<p>During 2007 the University entered into nine \$10.0 million forward start interest rate swaps (totalling \$90.0 million), to manage its interest rate exposures on planned borrowings for its North Terrace Development Strategy. The swaps commenced in February 2010 and amortise on a straight line basis over twenty years. The University is obligated to pay a fixed interest rate of 6.65%. These interest rate swaps are effective hedges and the fair value of these hedges are recorded as a non-current liability.</p> <p>During the year the University entered into foreign currency swaps totalling \$0.6 million (2016: \$4.6 million) to manage USD and EUR foreign currency exposures. These foreign currency swaps were effective hedges and the fair value of these hedges were recorded as a current liability. The swap contracts were delivered when due with \$0.6 million (2016: \$nil) remaining in existence as at 31 December 2017.</p>					
<b>10. Inventories</b>					
	3(o)				
Consumable materials and trading stock		1,041	2,010	-	697
Livestock		441	381	-	-
Provision for obsolescence		-	(50)	-	(50)
		<b>1,482</b>	<b>2,341</b>	<b>-</b>	<b>647</b>
<b>11. Other Non-Financial Assets</b>					
<b>Current</b>					
Prepayments		12,768	10,384	12,629	10,325
Accrued income		3,269	1,404	3,269	1,303
		<b>16,037</b>	<b>11,788</b>	<b>15,898</b>	<b>11,628</b>
<b>Non-current</b>					
Prepayments		4,865	7,632	4,865	7,632
<b>Total Other Non-Financial Assets</b>		<b>20,902</b>	<b>19,420</b>	<b>20,763</b>	<b>19,260</b>
<b>12. Investments Accounted for Using the Equity Method</b>					
<b>Investments in associates</b>					
	32				
At cost		-	-	-	-
Equity accounted		-	231	-	-
<b>Interests in joint ventures</b>					
	34				
At cost		-	-	972	972
Equity accounted		1,460	1,771	-	-
		<b>1,460</b>	<b>2,002</b>	<b>972</b>	<b>972</b>
<b>13. Available-for-sale Financial Assets</b>					
<b>Non-current</b>					
Investments in controlled entities	31	-	-	15,046	22,902

#### 14. Property, Plant and Equipment

Consolidated	Trust Land		Other Land		Trust Buildings		Other Buildings		WIP		Leasehold Improvements		Library Collections		Works of Art		Plant and Equipment		Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	
<b>As at 1 January 2016</b>																			
Cost	-	-	-	44,997	4,083	81,893	22,903	1,261	78	189,934	345,149								
Valuation	150,824	49,945	760,307	68,290	-	7,723	-	1,058,315											
Accumulated depreciation/amortisation	-	-	(43,880)	(4,046)	-	(12,710)	(4,346)	-	(117,135)	(182,117)									
Net book amount	<b>150,824</b>	<b>49,945</b>	<b>761,424</b>	<b>68,327</b>	<b>81,893</b>	<b>10,193</b>	<b>18,141</b>	<b>7,801</b>	<b>72,799</b>	<b>1,221,347</b>									
<b>Year ended 31 December 2016</b>																			
Opening net book amount	150,824	49,945	761,424	68,327	81,893	10,193	18,141	7,801	72,799	1,221,347									
Additions	-	-	-	306	179,067	-	628	10	9,523	189,534									
Assets included in a disposal group classified as held for sale and other disposals	-	-	-	-	(247)	(70)	(1,023)	(12)	(391)	(1,743)									
Revaluation surplus/(deficit)	11,020	3,197	33,584	1,300	-	-	1,537	-	-	50,638									
Impairment loss reversals	-	-	-	4,843	-	-	-	-	-	4,843									
Transfers	-	-	18,032	1,202	(27,473)	1,312	-	-	6,927	-									
Depreciation/amortisation	-	-	(21,785)	(2,058)	-	(2,706)	(2,194)	-	(14,806)	(43,549)									
Closing net book amount	<b>161,844</b>	<b>53,142</b>	<b>791,255</b>	<b>73,920</b>	<b>233,240</b>	<b>8,729</b>	<b>17,089</b>	<b>7,799</b>	<b>74,052</b>	<b>1,421,070</b>									
<b>As at 31 December 2016</b>																			
Cost	-	-	-	-	233,240	23,810	-	88	201,639	458,777									
Valuation	161,844	53,142	791,255	73,920	-	-	17,089	7,711	-	1,104,961									
Accumulated depreciation/amortisation	-	-	-	-	-	(15,081)	-	-	(127,587)	(142,668)									
Net book amount	<b>161,844</b>	<b>53,142</b>	<b>791,255</b>	<b>73,920</b>	<b>233,240</b>	<b>8,729</b>	<b>17,089</b>	<b>7,799</b>	<b>74,052</b>	<b>1,421,070</b>									

14. Property, Plant and Equipment - continued

Consolidated	Trust Land	Other Land	Leased Land	Trust Buildings	Other Buildings	WIP Improvements	Leasehold Improvements	Library Collections	Works of Art	Plant and Equipment	Total
	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
<b>Year ended 31 December 2017</b>											
Opening net book amount as at 1/1/2017	164,994	49,992	-	791,255	73,919	233,240	8,729	17,089	7,799	74,052	1,421,069
Additions	-	-	5,500	-	-	50,179	50	753	131	12,572	69,185
Assets included in a disposal group classified as held for sale and other disposals	-	-	-	(643)	(2)	(281)	-	(4,173)	(36)	(256)	(5,391)
Revaluation surplus/(deficit)	-	-	-	-	1	-	-	-	627	-	628
Transfers	-	-	-	16,749	230,514	(268,887)	6	-	-	16,795	(4,823)
Depreciation/amortisation	-	-	(51)	(19,970)	(4,314)	-	(2,821)	(1,709)	-	(17,844)	(46,709)
Closing net book amount	<b>164,994</b>	<b>49,992</b>	<b>5,449</b>	<b>787,391</b>	<b>300,118</b>	<b>14,251</b>	<b>5,964</b>	<b>11,960</b>	<b>8,521</b>	<b>85,319</b>	<b>1,433,959</b>
<b>As at 31 December 2017</b>											
Cost	-	-	-	16,749	230,514	14,251	23,866	753	-	230,401	516,534
Valuation	164,994	49,992	5,500	790,588	73,918	-	-	12,916	8,521	-	1,106,429
Accumulated depreciation/amortisation	-	-	(51)	(19,946)	(4,314)	-	(17,902)	(1,709)	-	(145,082)	(189,004)
Net book amount	<b>164,994</b>	<b>49,992</b>	<b>5,449</b>	<b>787,391</b>	<b>300,118</b>	<b>14,251</b>	<b>5,964</b>	<b>11,960</b>	<b>8,521</b>	<b>85,319</b>	<b>1,433,959</b>

14. Property, Plant and Equipment - continued

University	Trust Land	Other Land	Trust Buildings	Other Buildings	WIP	Leasehold Improvements	Library Collections	Works of Art	Plant and Equipment	Total
	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
<b>As at 1 January 2016</b>										
Cost	-	-	44,997	4,083	81,893	22,777	1,261	78	181,336	336,425
Valuation	153,974	45,050	760,307	61,035	-	-	21,226	7,723	-	1,049,315
Accumulated depreciation/amortisation	-	-	(43,880)	(3,901)	-	(12,651)	(4,346)	-	(111,523)	(176,301)
<b>Net book amount</b>	<b>153,974</b>	<b>45,050</b>	<b>761,424</b>	<b>61,217</b>	<b>81,893</b>	<b>10,126</b>	<b>18,141</b>	<b>7,801</b>	<b>69,813</b>	<b>1,209,439</b>
<b>Year ended 31 December 2016</b>										
Opening net book amount	153,974	45,050	761,424	61,217	81,893	10,126	18,141	7,801	69,813	1,209,439
Additions	-	-	-	307	179,067	-	628	10	9,125	189,137
Assets included in a disposal group classified as held for sale and other disposals	-	-	-	-	(247)	(70)	(1,023)	(12)	(315)	(1,667)
Revaluation surplus/(deficit)	11,020	3,092	33,584	-	-	-	1,537	-	-	49,233
Impairment loss reversals	-	-	-	3,632	-	-	-	-	-	3,632
Transfers	-	-	18,032	1,202	(27,473)	1,312	-	-	6,927	-
Depreciation/amortisation	-	-	(21,785)	(2,000)	-	(2,695)	(2,194)	-	(14,344)	(43,018)
<b>Closing net book amount</b>	<b>164,994</b>	<b>48,142</b>	<b>791,255</b>	<b>64,358</b>	<b>233,240</b>	<b>8,673</b>	<b>17,089</b>	<b>7,799</b>	<b>71,206</b>	<b>1,406,756</b>
<b>As at 31 December 2016</b>										
Cost	-	-	-	-	233,240	23,684	-	88	195,813	452,825
Valuation	164,994	48,142	791,255	64,358	-	-	17,089	7,711	-	1,093,549
Accumulated depreciation/amortisation	-	-	-	-	-	(15,011)	-	-	(124,607)	(139,618)
<b>Net book amount</b>	<b>164,994</b>	<b>48,142</b>	<b>791,255</b>	<b>64,358</b>	<b>233,240</b>	<b>8,673</b>	<b>17,089</b>	<b>7,799</b>	<b>71,206</b>	<b>1,406,756</b>



14. Property, Plant and Equipment - continued

University	Trust Land	Other Land	Leased Land	Trust Buildings	Other Buildings	WIP	Leasehold Improvements	Library Collections	Works of Art	Plant and Equipment	Total
	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
<b>Year ended 31 December 2017</b>											
Opening net book amount as at 1/1/2016	164,994	48,142	-	791,255	64,358	233,240	8,673	17,089	7,799	71,206	1,406,756
Additions	-	-	5,500	-	-	50,179	47	753	131	12,521	69,131
Assets included in a disposal group classified as held for sale and other disposals	-	-	-	(643)	(2)	(281)	-	(4,173)	(36)	(111)	(5,246)
Revaluation surplus	-	-	-	-	-	-	-	-	627	-	627
Transfers	-	-	-	16,749	230,514	(268,887)	6	-	-	16,795	(4,823)
Depreciation/amortisation	-	-	(51)	(19,970)	(4,218)	-	(2,821)	(1,709)	-	(17,369)	(46,138)
Closing net book amount	<b>164,994</b>	<b>48,142</b>	<b>5,449</b>	<b>787,391</b>	<b>290,652</b>	<b>14,251</b>	<b>5,905</b>	<b>11,960</b>	<b>8,521</b>	<b>83,042</b>	<b>1,420,307</b>
<b>As at 31 December 2017</b>											
Cost	-	-	-	16,749	230,514	14,251	23,737	753	-	224,628	510,632
Valuation	164,994	48,142	5,500	790,588	64,356	-	-	12,916	8,521	-	1,095,017
Accumulated depreciation/amortisation	-	-	(51)	(19,946)	(4,218)	-	(17,832)	(1,709)	-	(141,586)	(185,342)
Net book amount	<b>164,994</b>	<b>48,142</b>	<b>5,449</b>	<b>787,391</b>	<b>290,652</b>	<b>14,251</b>	<b>5,905</b>	<b>11,960</b>	<b>8,521</b>	<b>83,042</b>	<b>1,420,307</b>

	Consolidated		
	Other Intangible Assets	Intangibles in Progress	Total
<b>15. Intangible Assets</b>			
<b>As at 1 January 2016</b>			
Cost	62,625	9,532	72,157
Accumulated amortisation and impairment	(42,610)	-	(42,610)
Net book amount as at 1 January 2016	<b>20,015</b>	<b>9,532</b>	<b>29,547</b>
<b>Year ended 31 December 2015</b>			
Opening net book amount	20,015	9,532	29,547
Additions	364	12,725	13,089
Disposals	-	(48)	(48)
Transfer to / (from) WIP	11,097	(11,097)	-
Amortisation charge	(6,276)	-	(6,276)
Closing net book amount as at 31 December 2016	<b>25,200</b>	<b>11,112</b>	<b>36,312</b>
<b>As at 31 December 2016</b>			
Cost	74,085	11,112	85,197
Accumulated amortisation and impairment	(48,885)	-	(48,885)
Net book amount as at 31 December 2016	<b>25,200</b>	<b>11,112</b>	<b>36,312</b>
<b>Year ended 31 December 2017</b>			
Opening net book amount	25,200	11,112	36,312
Additions	205	16,271	16,476
Disposals	-	(124)	(124)
Transfer to / (from) WIP	16,726	(16,726)	-
Transfer from PPE	4,823	-	4,823
Amortisation charge	(9,429)	-	(9,429)
Closing net book amount as at 31 December 2017	<b>37,525</b>	<b>10,533</b>	<b>48,058</b>
<b>As at 31 December 2017</b>			
Cost	95,839	10,533	106,372
Accumulated amortisation and impairment	(58,314)	-	(58,314)
Net book amount as at 31 December 2017	<b>37,525</b>	<b>10,533</b>	<b>48,058</b>

	Other Intangible Assets	University Intangibles in Progress	Total
<b>15. Intangible Assets - continued</b>			
<b>As at 1 January 2016</b>			
Cost	62,625	9,532	72,157
Accumulated amortisation and impairment	(42,610)	-	(42,610)
Net book amount as at 1 January 2016	<b>20,015</b>	<b>9,532</b>	<b>29,547</b>
<b>Year ended 31 December 2016</b>			
Opening net book amount	20,015	9,532	29,547
Additions	364	12,725	13,089
Disposals	-	(48)	(48)
Transfer to / (from) WIP	11,097	(11,097)	-
Amortisation charge	(6,276)	-	(6,276)
Closing net book amount as at 31 December 2016	<b>25,200</b>	<b>11,112</b>	<b>36,312</b>
<b>As at 31 December 2016</b>			
Cost	74,085	11,112	85,197
Accumulated amortisation and impairment	(48,885)	-	(48,885)
Net book amount as at 31 December 2016	<b>25,200</b>	<b>11,112</b>	<b>36,312</b>
<b>Year ended 31 December 2017</b>			
Opening net book amount	25,200	11,112	36,312
Additions	205	16,271	16,476
Disposals	-	(124)	(124)
Transfer to / (from) WIP	16,726	(16,726)	-
Transfer to from PPE	4,823	-	4,823
Amortisation charge	(9,429)	-	(9,429)
Closing net book amount as at 31 December 2017	<b>37,525</b>	<b>10,533</b>	<b>48,058</b>
<b>As at 31 December 2017</b>			
Cost	95,839	10,533	106,372
Accumulated amortisation and impairment	(58,314)	-	(58,314)
Net book amount as at 31 December 2017	<b>37,525</b>	<b>10,533</b>	<b>48,058</b>

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>16. Payables</b>					
<b>Current</b>					
Accounts payable		33,080	58,853	31,695	55,388
Annual and long service leave oncosts	20	5,230	5,213	5,154	5,134
Accruals		6,221	5,446	5,625	3,048
Salary and related expenses payable		13,420	11,051	13,420	11,047
OS-HELP Liability to Australian Government		-	1,775	-	1,775
		<b>57,951</b>	<b>82,338</b>	<b>55,894</b>	<b>76,392</b>
<b>Non-current</b>					
Annual and long service leave oncosts	20	11,226	11,493	11,199	11,471
		<b>11,226</b>	<b>11,493</b>	<b>11,199</b>	<b>11,471</b>
<b>Total Payables</b>		<b>69,177</b>	<b>93,831</b>	<b>67,093</b>	<b>87,863</b>
<b>17. Borrowings</b>					
<b>Current</b>					
Interest bearing borrowings		<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>
<b>Non-current</b>					
Interest bearing borrowings		<b>77,510</b>	<b>62,510</b>	<b>77,510</b>	<b>62,510</b>
<b>Total Borrowings</b>		<b>82,510</b>	<b>67,510</b>	<b>82,510</b>	<b>67,510</b>

The University maintains an unsecured \$40 million Multi-Option Facility (as a standby working capital facility) and further unsecured Revolving Facilities with total limits of \$110.0 million. As at 31 December 2017 the standby working capital facility has not been drawn and \$82.5 million of the Revolving Facilities is drawn.



	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>18. Provisions</b>					
<b>Current</b>					
Workers' compensation provision		530	614	530	614
Annual and long service leave	20	28,827	28,182	28,117	27,446
		<u>29,357</u>	<u>28,796</u>	<u>28,647</u>	<u>28,060</u>
Insurance provision		1,483	2,563	1,483	2,563
		<u><b>30,840</b></u>	<u><b>31,359</b></u>	<u><b>30,130</b></u>	<u><b>30,623</b></u>
<b>Non-current</b>					
Workers' compensation provision		474	616	474	616
Annual and long service leave	20	57,606	56,868	57,398	56,681
Defined benefit fund net liability	25(c)	7,975	7,866	7,975	7,866
		<u><b>66,055</b></u>	<u><b>65,350</b></u>	<u><b>65,847</b></u>	<u><b>65,163</b></u>
<b>Total Provisions</b>		<u><b>96,895</b></u>	<u><b>96,709</b></u>	<u><b>95,977</b></u>	<u><b>95,786</b></u>
		Workers' compensation provision \$000	Annual and long service leave \$000	Insurance Provision \$000	Defined benefit fund net liability \$000
<b>Movements in provisions</b>					
<b>Consolidated - current</b>					
Carrying amount at start of year		614	28,182	2,563	-
Additional/(reductions in) provisions recognised		(84)	645	(1,045)	-
Carrying amount at the end of the year		<u><b>530</b></u>	<u><b>28,827</b></u>	<u><b>1,518</b></u>	<u><b>-</b></u>
<b>Consolidated - non-current</b>					
Carrying amount at start of year		616	56,868	-	7,866
Additional/(reductions in) provisions recognised		(142)	738	-	109
Carrying amount at the end of the year		<u><b>474</b></u>	<u><b>57,606</b></u>	<u><b>-</b></u>	<u><b>7,975</b></u>
<b>Movements in provisions</b>					
<b>University - current</b>					
Carrying amount at start of year		614	27,446	2,563	-
Additional/(reductions in) provisions recognised		(84)	671	(1,080)	-
Carrying amount at the end of the year		<u><b>530</b></u>	<u><b>28,117</b></u>	<u><b>1,483</b></u>	<u><b>-</b></u>
<b>University - non-current</b>					
Carrying amount at start of year		616	56,681	-	7,866
Additional/(reductions in) provisions recognised		(142)	717	-	109
Carrying amount at the end of the year		<u><b>474</b></u>	<u><b>57,398</b></u>	<u><b>-</b></u>	<u><b>7,975</b></u>

#### Workers' compensation provision

Provision is made based on an actuarial assessment of workers' compensation estimated claims liability for future years. Refer to policy Note 3(t) Workers' Compensation.

#### Annual and long service leave

Provision is made for benefits accruing to employees in respect of annual leave and long service leave when it is probable that settlement will be required and they are capable of being measured reliably. Refer to policy Note 3(h) Employee Benefits.

#### Insurance provision

Provision has been made for the actuarial assessment of future liability to the University for losses incurred prior to 31 December 2017 that were expected to be paid subsequent to 1 January 2018 and are below the University deductible in the University insurance policies.

#### Defined benefit fund net liability

Provision is made for the Super Scheme A 1985 defined benefit obligation in accordance with AASB 119 Employee Benefits. Refer to Note 3(h) Employee Benefits and Note 25(c) The University of Adelaide Super Scheme A 1985.

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>19. Other Liabilities</b>					
<b>Current</b>					
Outside funded positions		6	337	6	337
Income in advance		1,642	239	1,100	1,131
Student tuition fees received in advance		16,707	13,721	16,707	13,721
Residential bonds		327	342	327	342
Employee benefits – separation packages		1,078	1,085	1,078	1,038
Funds held on deposit		-	-	-	8,445
Other		1,388	2,536	1,388	2,517
		<b>21,148</b>	<b>18,260</b>	<b>20,606</b>	<b>27,531</b>
<b>Non-Current</b>					
Other		-	154	-	154
		-	<b>154</b>	-	<b>154</b>
<b>Total Other Liabilities</b>		<b>21,148</b>	<b>18,414</b>	<b>20,606</b>	<b>27,685</b>

## 20. Employee Benefits and Related On-Cost Liabilities

In accordance with the requirements of AASB 119 "Employee Benefits", employee on-costs are required to be reported as payables whilst leave liability amounts are reported separately in Note 18. Below is a composite note disclosure showing the total liabilities the Consolidated Entity has as at 31 December 2017 relating to employee benefits:

### Annual Leave

On-costs included in payables - current	16	3,958	3,941	3,922	3,905
Employee benefits - current	18	21,776	21,584	21,449	21,213
		<b>25,734</b>	<b>25,525</b>	<b>25,371</b>	<b>25,118</b>
On-costs included in payables - non-current	16	1,613	1,645	1,607	1,636
Employee benefits - non-current	18	8,704	8,985	8,654	8,904
		<b>10,317</b>	<b>10,630</b>	<b>10,261</b>	<b>10,540</b>

### Long Service Leave

On-costs included in payables - current	16	1,272	1,272	1,232	1,229
Employee benefits - current	18	7,051	6,598	6,668	6,233
		<b>8,323</b>	<b>7,870</b>	<b>7,900</b>	<b>7,462</b>
On-costs included in payables - non-current	16	9,613	9,848	9,592	9,835
Employee benefits - non-current	18	48,902	47,883	48,744	47,777
		<b>58,515</b>	<b>57,731</b>	<b>58,336</b>	<b>57,612</b>
		<b>102,889</b>	<b>101,756</b>	<b>101,868</b>	<b>100,732</b>

## 21. Retained Surplus and Reserves

### 21(a) Summary

#### Capital reserves

Capital reserve	-	-	-	-
Capital profits reserve	-	-	-	-
Asset revaluation surplus	346,856	346,230	345,202	344,575
Initial asset recognition reserve	279,124	279,124	279,124	279,124
Available-for-sale financial assets revaluation reserve	-	-	15,041	22,902
	<b>625,980</b>	<b>625,354</b>	<b>639,367</b>	<b>646,601</b>

#### Specific purpose reserves

Special reserve	283,588	300,787	283,588	300,787
Bequests/donations unspent income reserve	13,525	9,049	13,525	9,049
Restricted purpose bequest capital reserve	182,691	177,655	182,691	177,655
Endowment fund revaluation reserve	156,675	126,647	156,675	126,647
	<b>636,479</b>	<b>614,138</b>	<b>636,479</b>	<b>614,138</b>

<b>Retained surplus</b>	<b>362,926</b>	<b>329,813</b>	<b>348,732</b>	<b>305,753</b>
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	Note	Consolidated		University	
		2017	2016	2017	2016
		\$000	\$000	\$000	\$000
<b>21. Reserves - continued</b>					
<b>21(b) Movements in reserves</b>					
<b>Capital reserve</b>					
Opening balance		-	2,971	-	-
Current year movement		-	(2,971)	-	-
Closing balance		-	-	-	-
<b>Capital profits reserve</b>					
Opening balance		-	1,481	-	-
Current year movement		-	(1,481)	-	-
Closing balance		-	-	-	-
<b>Asset revaluation surplus</b>					
Opening balance		346,229	295,592	344,575	295,342
Add revaluation increment on property, plant and equipment		627	50,637	627	49,233
Closing balance		<b>346,856</b>	<b>346,229</b>	<b>345,202</b>	<b>344,575</b>
<b>Initial asset recognition reserve</b>					
Opening balance		279,124	279,124	279,124	279,124
Current year movement		-	-	-	-
Closing balance		<b>279,124</b>	<b>279,124</b>	<b>279,124</b>	<b>279,124</b>
<b>Available-for-sale financial assets revaluation reserve</b>					
Opening balance		-	-	22,902	22,366
Current year movement		-	-	(7,861)	536
Closing balance		-	-	<b>15,041</b>	<b>22,902</b>
<b>Special reserve</b>					
Opening balance		300,787	319,937	300,787	319,937
Current year movement		22,340	5,782	22,340	5,782
Transfer (to) / from retained surplus		(39,539)	(24,932)	(39,539)	(24,932)
Closing balance		<b>283,588</b>	<b>300,787</b>	<b>283,588</b>	<b>300,787</b>
<b>Bequests/donations unspent income reserve</b>					
Opening balance		9,049	7,129	9,049	7,129
Transfer (to) / from retained surplus		4,476	1,920	4,476	1,920
Closing balance		<b>13,525</b>	<b>9,049</b>	<b>13,525</b>	<b>9,049</b>
<b>Restricted purpose bequest capital reserve</b>					
Opening balance		177,655	172,571	177,655	172,571
Transfer from retained surplus		5,036	5,084	5,036	5,084
Closing balance		<b>182,691</b>	<b>177,655</b>	<b>182,691</b>	<b>177,655</b>
<b>Endowment fund revaluation reserve</b>					
Opening balance		126,647	108,719	126,647	108,719
Transfer (to) / from retained surplus		30,028	17,928	30,028	17,928
Closing balance		<b>156,675</b>	<b>126,647</b>	<b>156,675</b>	<b>126,647</b>

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>21. Reserves - continued</b>					
<b>21(c) Nature and purpose of reserves</b>					
<b>Capital reserve</b>					
Represents capital accounts held within controlled entities of the University.					
<b>Capital profits reserve</b>					
Represents the accumulation of realised revalued increments of assets sold.					
<b>Asset revaluation surplus</b>					
Is used to record increments and decrements on the revaluation of non-current assets. Refer accounting policy note 3(p).					
<b>Initial asset recognition reserve</b>					
Represents the equity impact arising from the recognition of assets which until the first time the University prepared a set of accrual financial statements, had not previously been recognised.					
<b>Available for sale financial assets revaluation reserve</b>					
Is used to record increments and decrements on the revaluation of available for sale financial assets. Refer accounting policy note 3(k).					
<b>Specific purpose reserves</b>					
Represents a number of reserves generated through a series of specific purpose transactions, that can only be used in accordance with the attributes of the generating transactions. The special reserve is created for surplus funds which will be specifically acquitted in future accounting periods.					

**22. Reconciliation of net cash provided by operating activities to net operating result**

<b>Net operating result</b>		<b>55,508</b>	<b>60,908</b>	<b>64,830</b>	<b>60,237</b>
Add/(subtract) non cash items					
Amortisation	5	12,301	8,982	12,301	8,971
Depreciation	5	43,837	40,843	43,266	40,323
Write down / (up) of investments		(38,164)	(19,996)	(37,496)	(21,266)
Other revenue/expenses		15,413	(14,001)	14,957	(17,923)
Reversal of impairment of other buildings	4	-	(4,843)	-	(3,632)
Funds held on deposit		-	-	1,675	2,000
(Profit)/loss on sale of property, plant and equipment		5,302	(1,293)	5,270	(1,336)
(Profit)/loss on sale of shares		18	-	18	-
<b>Changes in assets/liabilities</b>					
(Increase)/decrease in inventories		859	(369)	647	(13)
(Increase)/decrease in receivables		5,214	6,850	3,589	6,940
(Increase)/decrease in other assets		(1,482)	9	(1,503)	46
Increase/(decrease) in payables		(24,654)	5,556	(20,770)	7,690
Increase/(decrease) in other liabilities		2,734	(2,689)	(7,079)	2,645
Increase/(decrease) in provisions		186	4,430	191	4,905
<b>Net cash provided by operating activities</b>		<b>77,072</b>	<b>84,387</b>	<b>79,896</b>	<b>89,587</b>



	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>23. Commitments</b>					
<b>Operating expenditure</b>					
Contracted but not provided for and payable:					
Within one year		28,357	23,781	28,357	23,781
Between one and five years		5,992	10,705	5,992	10,705
Later than five years		-	-	-	-
<b>Total operating expenditure commitments</b>		<b>34,349</b>	<b>34,486</b>	<b>34,349</b>	<b>34,486</b>
<b>Capital commitments</b>					
Capital expenditure contracted for at the reporting date but not recognised as liabilities is as follows:					
<b>Property, plant and equipment</b>					
Within one year		20,031	22,905	20,031	22,905
Between one and five years		-	-	-	-
Later than five years		-	-	-	-
<b>Total capital commitments</b>		<b>20,031</b>	<b>22,905</b>	<b>20,031</b>	<b>22,905</b>
<b>Lease commitments</b>					
<b>Operating Leases</b>					
The operating lease commitments primarily relate to leases of photocopiers, computers, office equipment and office space.					
Commitments for minimum lease payments in relation to non-cancellable operating leases are payable as follows:					
Within one year		14,582	12,925	14,582	12,925
Between one and five years		30,007	33,105	30,007	33,105
Later than five years		9,553	13,645	9,553	13,645
<b>Total future minimum lease payments</b>		<b>54,142</b>	<b>59,675</b>	<b>54,142</b>	<b>59,675</b>

## 24. Contingencies

### (a) Guarantees

On July 1 2006 the University ceased to be a Crown exempt employer and was required to register as an exempt employer with ReturnToWorkSA and provide a bank guarantee to cover projected workers' compensation outstanding claims liabilities. Currently, the University has provided a \$1.3 million bank guarantee to ReturnToWorkSA. The amount of the guarantee was based on an actuarial assessment of the projected workers' compensation claims liabilities. In 2016, the University was advised by ReturnToWorkSA that it had approved a self-insurance renewal for a period of five years with an agreed renewal date of 21 March 2021.

### (b) Superannuation

#### (i) The University of Adelaide Superannuation Scheme A 1985 (Scheme A 1985)

The University has guaranteed that members of this superannuation scheme will receive defined benefits in the event that this closed scheme has insufficient assets to meet the benefits. Employer contributions of 14% of salaries was increased to 17.3% on actuarial advice as from 1 July 2016 to ensure there are sufficient assets in the scheme to meet expected future liabilities of remaining members. Refer to Note 25(c).

#### (ii) UniSuper Limited Superannuation Schemes

Refer to Note 25(b).

### (c) Litigation

In the ordinary course of its operations, the University and its controlled entities become involved in legal disputes. At the date of adoption of these financial statements, some matters remain outstanding. On legal advice, the University is of the opinion that no material losses are likely to arise. Notwithstanding the fact the University is of the opinion that no material losses are likely to arise, an action has been served upon one of the University's Controlled Entities, Adelaide Unicare, which is subject to a process of confidential mediation. The outcome of this mediation process may have an impact on the carrying value of both the University available-for-sale financial assets and the net assets recognised in the University Consolidated Financial Statements. The University or its controlled entities will make a provision where a material loss is identified. Claims of an insurance nature have been covered by a provision of \$1.5 million to the extent that such claims are not covered by the University's comprehensive insurance program. Refer Note 18.

## 25. Superannuation Schemes

### (a) Categories

The University contributes to a range of superannuation schemes, which are divided into the following categories:

- (i) Those operative and open to membership:
  - UniSuper Defined Benefit Plan or Accumulation Super 2
  - Accumulation Super 1
- (ii) Those operative but closed to future membership:
  - The University of Adelaide Superannuation Scheme A 1985 (Scheme A 1985)
- (iii) State Government Schemes closed to future membership by University employees:
  - State Pension Scheme
  - State Lump Sum Scheme

### (b) UniSuper Limited Superannuation Schemes

The employees' UniSuper plan is determined by the terms of employment and is administered by UniSuper Management Pty Ltd with UniSuper Ltd as the trustee.

The employer contribution rate during 2017 for employees in either the Defined Benefit Division or Accumulation Super 2 was 14% of salaries plus 3% of salaries. The contribution to the Accumulation Super 1 and for employees only in the Accumulation Super 1 was 9.5% of salaries.

The operation of Clause 34 of the Trust Deed (as amended in 2006) means that the UniSuper Defined Benefit Division is considered to be a defined contribution fund for the purpose of AASB 119, allowing participating employers to treat the UniSuper Defined Benefit Division as a defined contribution fund.

Clause 34 states that where the trustee considers the assets to be insufficient to provide benefits payable under the Deed, the Trustee must consider reducing the benefits of its members on a fair and equitable basis.

A Clause 34 monitoring period was initiated following the 30 June 2013 actuarial investigation. Following the end of the monitoring period on 30 June 2017, the Fund's actuary advised that the Trustee is not required to take any further action, and that the monitoring period is now ceased.

As set out under paragraph 28 of AASB119 a defined contribution fund is a fund where the employer's legal or constructive obligation is limited to the amount it agrees to contribute to the fund and the actuarial risk and investment risk fall on the employee.

As at 30 June 2017 the assets of the Defined Benefit Division in aggregate were estimated to be \$2,797 million (30 June 2016: \$2,252 million) above vested benefits after allowing for various reserves. The Vested Benefits Index based on funding assumptions was 114.5%. 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 Defined Benefit Division.

As at 30 June 2017 the assets of the Defined Benefit Division in aggregate were estimated to be \$4,258 million (30 June 2016: \$3,757 million) above accrued benefits after allowing for various reserves. The Accrued Benefits Index based on best estimate assumptions was 123.9%. The accrued benefits have been calculated as the present value of expected future benefit payments to members and indexed pensioners which arise from membership of UniSuper up to the reporting date.

The actuarial investigation of the Fund as 1 July, 2017 was conducted by Ms Kate Maartensz and Mr Andrew West, Fellows of the Institute of Actuaries of Australia, using the actuarial demographic assumptions outlined in their report on the actuarial investigation of the Defined Benefit Division as at 1 July 2017. The financial assumptions used were:

	Vested Benefits	Accrued Benefits
Gross of tax investment return - Defined Benefit Division pensions	5.30% p.a.	6.60% p.a.
Gross of tax investment returns - commercial rate indexed pensions	2.90% p.a.	2.90% p.a.
Net of tax investment return - non pensioner members	4.70% p.a.	5.80% p.a.
Consumer Price Index	2.00% p.a.	2.00% p.a.
Inflationary salary increases long term	3.00% p.a.	3.00% p.a.

Assets have been included at their net market value, that is, after allowing for realisation costs.

## 25. Superannuation Schemes – continued

### (c) The University of Adelaide Superannuation Scheme A 1985

The University of Adelaide Superannuation Scheme A 1985 (Scheme) is a defined benefit plan in accordance with AASB 119 Employee Benefits that provides superannuation benefits for employees who had not transferred to UniSuper. The Trustee and administrator of the Scheme is Tidswell Financial Services Ltd. The Scheme is governed by a separate trust deed and the general laws relating to trusts and superannuation.

#### Nature of the benefits provided by the Scheme

Defined benefit members receive either lump sum or pension benefits on retirement, death, disablement and withdrawal. The defined benefit section of the Scheme is closed to new members.

#### Description of the regulatory framework

The Superannuation Industry (Supervision) (SIS) legislation governs the superannuation industry and provides the framework within which superannuation plans operate. The SIS Regulations require an actuarial valuation to be performed for each defined benefit superannuation plan every three years, or every year if the plan pays defined benefit pensions unless an exemption has been obtained from the Australian Prudential Regulation Authority.

#### Description of other entities' responsibilities for the governance of the Scheme

The Scheme's Trustee is responsible for the governance of the Scheme. The Trustee has a legal obligation to act solely in the best interests of the Scheme beneficiaries. The Trustee has the following roles:

- Administration of the Scheme and payment to the beneficiaries from Scheme assets when required in accordance with the Scheme rules;
- Management and investment of the Scheme assets; and
- Compliance with superannuation law and other applicable regulations.

The prudential regulator, the Australian Prudential Regulation Authority (APRA), licenses and supervises regulated superannuation plans.

#### Description of risks

There are a number of risks to which the Scheme exposes the University. The more significant risks relating to the defined benefits are:

- **Investment risk** - The risk that investment returns will be lower than assumed and the University will need to increase contributions to offset this shortfall.
- **Salary growth risk** - The risk that wages or salaries (on which future benefit amounts will be based) will rise more rapidly than assumed, increasing defined benefit amounts and thereby requiring additional employer contributions.
- **Legislative risk** - The risk is that legislative changes could be made which increase the cost of providing the defined benefits.
- **Pension risk** - The risk is firstly that pensioner mortality will be lighter than expected, resulting in pensions being paid for a longer period. Secondly, that a greater proportion of eligible members will elect to take a pension benefit, which is generally more valuable than the corresponding lump sum benefit.
- **Inflation risk** - The risk that inflation is higher than anticipated, increasing pension payments, and thereby requiring additional employer contributions.
- **Timing of members leaving service** - As the Scheme has only a small number of members, members leaving may have an impact on the financial position of the Scheme, depending on the financial position of the Scheme at the time they leave. The impact may be positive or negative, depending upon the circumstances and timing of the withdrawal.

The defined benefit assets are invested in 11 specialist pool investment vehicles plus term deposits. The assets have a 56% weighting to equities and therefore the Scheme has a significant concentration of equity market risk. However, within the equity investments, the allocation both globally and across the sectors is diversified and therefore the Scheme has no significant concentration of investment risk.

#### Description of significant events

There were no plan amendments affecting the defined benefits payable, curtailments or settlements during the year.

## 25. Superannuation Schemes – continued

### (c) The University of Adelaide Superannuation Scheme A 1985 - continued

	Note	2017 \$000	2016 \$000
<b>Reconciliation of the Net Defined Benefit Liability/(Asset)</b>			
Net defined benefit liability/(asset) at the beginning of the year		7,866	8,360
Add			
Current service costs		454	434
Net interest		212	242
Actuarial (gains) / losses arising from changes in financial assumptions		728	300
Actuarial (gains) / losses arising from liability experience		1,280	382
Actuarial (gains) / losses arising from changes in demographic assumptions		(881)	-
Less			
Actual return on Scheme assets less interest income		(684)	(878)
Employer contributions		(1,000)	(974)
Net defined benefit liability/(asset) at the end of the year		<u>7,975</u>	<u>7,866</u>
<b>Reconciliation of the defined benefit obligation</b>			
Present value of defined benefit obligations at the beginning of the year		22,110	21,525
Add			
Current service costs		454	434
Interest cost		665	664
Contributions by Scheme participants		32	36
Actuarial (gains) / losses arising from changes in financial assumptions		728	300
Actuarial (gains) / losses arising from liability experience		1,280	382
Actuarial (gains) / losses arising from changes in demographic assumptions		(881)	-
Less			
Benefits paid		(1,557)	(832)
Taxes, premiums and expenses paid		(362)	(399)
Present value of defined benefit obligations at the end of the year		<u>22,469</u>	<u>22,110</u>
<b>Reconciliation of the fair value of Scheme assets</b>			
		14,244	13,165
Add			
Interest income		453	422
Actual return on Scheme assets less interest income		684	878
Employer contributions		1,000	974
Contributions by Scheme participants		32	36
Less			
Benefits paid		(1,557)	(832)
Taxes, premiums and expenses paid		(362)	(399)
Fair value of Scheme assets at the end of the year		<u>14,494</u>	<u>14,244</u>
<b>Reconciliation of the Assets and Liabilities recognised in the Statement of Financial Position</b>			
Defined benefit obligation including contributions tax provision		22,469	22,110
Less			
Fair value of scheme assets		(14,494)	(14,244)
Defined benefit fund net liability	18	<u>7,975</u>	<u>7,866</u>
<b>Expense recognised in the Statement of Comprehensive Income</b>			
Service cost		454	434
Net interest		212	242
<b>Defined benefit cost recognised in Net operating result</b>		<u>666</u>	<u>676</u>
<b>Amounts recognised in Other Comprehensive Income</b>			
Actuarial (gains) / losses		1,127	682
Actual return on Scheme assets less interest income		(684)	(878)
<b>Total remeasurements recognised in Other Comprehensive Income</b>		<u>443</u>	<u>(196)</u>
<b>Reconciliation of the Effect of the Asset Ceiling</b>			
The asset ceiling has no impact on the net defined benefit liability.			



## 25. Superannuation Schemes – continued

### (c) The University of Adelaide Superannuation Scheme A 1985 - continued

#### Fair value of Scheme assets

As at 31 December 2017

Asset Category	2017 \$'000	Level 1 \$'000	Level 2 \$'000	Level 3 \$'000
Investment Funds	14,494	-	14,494	-
	<b>14,494</b>	<b>-</b>	<b>14,494</b>	<b>-</b>

As at 31 December 2016

Asset Category	2016 \$'000	Level 1 \$'000	Level 2 \$'000	Level 3 \$'000
Investment Funds	14,244	-	14,244	-
	<b>14,244</b>	<b>-</b>	<b>14,244</b>	<b>-</b>

#### Scheme assets

The percentage invested in each asset class at the reporting date:

	2017	2016
Australian equity	40%	39%
International equity	16%	16%
Fixed income	36%	35%
Property	7%	7%
Cash	1%	3%

#### Fair value of University's own financial instruments

The fair value of Scheme assets does not include amounts relating to any of the University's own financial instruments or any property occupied by, or other assets used by, the University.

	2017 \$'000	2016 \$'000
Actual return on scheme assets	<b>1,137</b>	<b>1,300</b>

#### Significant actuarial assumptions at the balance date

##### Assumptions to determine Defined Benefit Cost

Discount rate	3.30%	3.40%
Expected salary increase rate	3.00%	3.00%
Expected pension increase rate	2.50%	2.50%

##### Assumptions to determine Defined Benefit Obligation

Discount rate	2.80%	3.30%
Expected salary increase rate	2.50%	3.00%
Expected pension increase rate	2.25%	2.50%

## 25. Superannuation Schemes – continued

### (c) The University of Adelaide Superannuation Scheme A 1985 - continued

#### Sensitivity Analysis

The defined benefit obligation as at 31 December 2017 under several scenarios is presented below.

Scenario A and B relate to discount rate sensitivity. Scenario C and D relate to salary increase rate sensitivity. Scenario E to H relate to sensitivities on pension assumptions.

Scenario A: 0.5% pa lower discount rate assumption

Scenario B: 0.5% pa higher discount rate assumption

Scenario C: 0.5% pa lower salary increase rate assumption

Scenario D: 0.5% pa higher salary increase rate assumption

Scenario E: 0.5% pa lower pension increase rate assumption

Scenario F: 0.5% pa higher pension increase rate assumption

Scenario G: 10% lower pensioner mortality rate assumption

Scenario H: 10% higher pensioner mortality rate assumption

	Base Case	A	B	C	D
		-0.5% pa discount rate	+0.5% pa discount rate	-0.5% pa salary increase rate	+0.5% pa salary increase rate
Discount rate	2.8% pa	2.3% pa	3.3% pa	2.8% pa	2.8% pa
Salary increase rate	2.5% pa	2.5% pa	2.5% pa	2.0% pa	3.0% pa
Defined benefit obligation^ (\$'000)	22,469	23,718	21,332	22,452	22,487
	Base Case	E	F	G	H
		-0.5% pa pension increase rate	+0.5% pa pension increase rate	10% lower pensioner mortality rate	10% higher pensioner mortality rate
Pension increase rate	2.25% pa	1.75% pa	2.75% pa	2.25% pa	2.25% pa
Pensioner mortality (MSRP*)	100%	100%	100%	90%	110%
Defined benefit obligation^ (\$'000)	22,469	21,383	23,647	23,333	21,673

^ includes defined benefit contributions tax provision

\* Mercer Standard Retiree Pensioner Mortality rates 2005-2009

The defined benefit obligation has been recalculated by changing the assumptions as outlined above, whilst retaining all other assumptions.

#### Asset-Liability matching strategies

The University is not aware of any asset and liability matching strategies adopted by the Scheme.

#### Expected contributions

The expected employer contributions for the year ended 31 December 2018 are \$1.2 million (2017: \$1.0 million).

#### Maturity profile of defined benefit obligation

The weighted average duration of the defined benefit obligation as at 31 December 2017 is 10 years.

Expected benefit payments for the financial year ending on	<b>\$000</b>
31 December 2018	2,591
31 December 2019	1,233
31 December 2020	1,220
31 December 2021	2,157
31 December 2022	1,116
Following 5 years	5,503

## 25. Superannuation Schemes – continued

### (d) State Government Superannuation Schemes

In 1991, employees of the City Campus of the South Australian College of Advanced Education and Roseworthy Agricultural College were transferred to the University. Their terms of appointment to the University protected their membership of the State Pension Scheme and State Lump Sum Scheme. The schemes are administered by Super SA on behalf of the South Australian Superannuation Board. The schemes provide defined benefits and are mainly unfunded. The only employer contributions made in 2017 were 3% of salaries, and remaining benefits are met on an emerging cost basis.

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 costs basis for the costs and recovers the State's share of the cost directly from the State Government under a 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 of the University's superannuation liability with respect to future benefits for current employees and pensioners was performed by PricewaterhouseCoopers (the actuary) as at 31 December 2017, using the Projected Unit Credit Method. The actuarial valuation was based on 30 June 2017 membership data which was projected to 31 December 2017. The present value of the defined benefit obligations has been calculated to be \$67.2 million (2016: \$69.5 million).

The actuary estimates that, as at 31 December 2017, using AASB 119 Employee Benefits assumptions there is an unfunded liability of \$63.5 million (2016: \$66.2 million). This represents a decrease in liability of \$2.6 million since 31 December 2016.

The Commonwealth Government has agreed to provide assistance under Division 41-10 Item 6 of the Higher Education Support Act 2003 to meet the additional costs in respect of State Government emerging cost schemes, where costs are in excess of funding provided. The accounting methodology employed in these financial statements is in accordance with "Financial Statement Guidelines for Australian Higher Education Providers for 2017 Reporting Period" provided by the Department of Education and Training. The accounting treatment employed is also consistent with the approach taken by other Australian Universities. Accordingly, total assets of \$67.2 million have been recorded as a "Deferred government superannuation contribution" which offsets the current and non-current liability for the State Government Superannuation Schemes recorded as "Defined Benefit Obligation".

### Maturity Profile

The weighted average duration of the defined benefit obligation is 12.20 years (2016: 12.97 years). The expected maturity analysis of undiscounted benefit obligations is as follows:

	Less than 1 year	Between 1 and 2 years	Between 2 and 5 years	Over 5 years	Total
	\$'000	\$'000	\$'000	\$'000	\$'000
Defined Benefit obligation 31 December 2017	4,374	4,407	12,972	71,827	93,580
Defined Benefit obligation 31 December 2016	4,360	4,402	13,226	79,503	101,491

### Plan Assets

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

	30 June 2017 (%)		30 June 2016 (%)	
	Active Market	Non-Active Market	Active Market	Non-Active Market
Australian Equities	26.0	-	24.0	-
International Equities	26.3	-	24.1	-
Property	2.2	13.0	2.5	11.8
Diversified Strategies Growth	1.0	10.8	0.8	10.2
Diversified Strategies Income	15.2	-	15.7	-
Inflation Linked Securities	3.2	1.0	-	5.7
Long Term Fixed Interest	-	-	2.8	-
Cash	1.3	-	2.4	-
<b>Total</b>	<b>75.2</b>	<b>24.8</b>	<b>72.3</b>	<b>27.7</b>

## 25. Superannuation Schemes – continued

### (d) State Government Superannuation Schemes - continued

#### Reconciliation of the present value of the defined benefit obligation

	2017	2016
<b>Reconciliation of the Net Defined Benefit Liability/(Asset)</b>	<b>Note</b>	<b>\$000</b>
Present value of defined benefit obligation at start of year		71,461
Current service costs		41
Interest cost		2,085
Actuarial (gains) / losses		
(a) Impact of changes in demographic assumptions		(912)
(b) Impact of changes in financial assumptions		1,973
(c) Experience items		(1,480)
Benefits and expenses paid		(3,955)
Present value of defined benefit obligations at end of year		<b>67,208</b>

#### Reconciliation of the fair value of the defined benefit plan assets

Fair value of Scheme assets at start of year		3,033
Interest income		98
Actual return on Scheme assets less interest income		291
Employer contributions		3,960
Benefits and expenses paid		(3,955)
Fair value of Scheme assets at end of year		<b>3,289</b>

#### Net Liability

Defined Benefit obligation		67,208
Fair value of scheme assets		(3,684)
Defined benefit fund net liability		<b>63,524</b>

#### Movement in Net Liability

Net superannuation liability/(asset) at start of year		68,428
Defined Benefit cost		2,028
Remeasurements		(711)
Employer contributions		(3,960)
Net superannuation liability/(asset) at end of year		<b>66,167</b>

#### Profit and Loss Impact

Service cost		41
Net interest		1,987
Defined Benefit cost		<b>2,028</b>

#### Other Comprehensive Income

Actuarial losses / (gains)		(420)
Actual return on assets less interest income		291
Total remeasurements in Other Comprehensive Income		<b>(711)</b>

## 25. Superannuation Schemes – continued

### (d) State Government Superannuation Schemes - continued

Summary	Consolidated		University	
	2017	2016	2017	2016
	\$000	\$000	\$000	\$000
<b>Deferred Government Superannuation Contribution</b>				
Current asset	4,400	4,400	4,400	4,400
Non-current asset	62,808	61,767	62,808	61,767
	<b>67,208</b>	<b>66,167</b>	<b>67,208</b>	<b>66,167</b>
<b>Defined Benefit Obligation</b>				
Current liability	4,400	4,400	4,400	4,400
Non-current liability	62,808	61,767	62,808	61,767
	<b>67,208</b>	<b>66,167</b>	<b>67,208</b>	<b>66,167</b>

#### Major economic assumptions

The following major assumptions have been made in assessing the defined benefit superannuation liabilities as at balance date:

	2017	2016
Discount rate	2.8%	3.1%
Long term salary rate increases	4.0%	4.0%
Long term CPI increases	2.5%	2.5%

#### Sensitivity Analysis

The defined benefit obligation as at 31 December 2017 under several scenarios is presented below.

Scenario A and B relate to discount rate sensitivity. Scenario C and D relate to salary increase rate sensitivity. Scenario E and F relate to sensitivities on pension increase assumptions.

Scenario A: Discount Rate Plus 0.5%

Scenario B: Discount Rate Less 0.5%

Scenario C: Salary Increase Rate Plus 0.5%

Scenario D: Salary Increase Rate Less 0.5%

Scenario E: Pension Increase Rate Plus 0.5%

Scenario F: Pension Increase Rate Less 0.5%

	Base Case	A	B	C
Present value of defined benefit obligation (\$'000)	67,208			
Defined benefit obligation (\$'000)		63,972	70,720	67,254
Change in Defined benefit obligation (%)		-4.8%	5.2%	0.1%

	Base Case	D	E	F
Present value of defined benefit obligation (\$'000)	67,208			
Defined benefit obligation (\$'000)		67,164	70,844	63,852
Change in Defined benefit obligation (%)		-0.1%	5.4%	-5.0%



## 25. Superannuation Schemes – continued

(e) Contributions		2017	2016
The total employer contributions were:	Note	\$000	\$000
UniSuper Defined Benefit Division (UniSuper Defined Contribution Plan) or Accumulation Super 2		39,166	37,726
Accumulation Super 1		19,319	18,348
Super SA		52	52
State Government Superannuation Schemes (3%)		5	5
The University of Adelaide Superannuation Scheme A 1985		95	70
Self-managed funds		125	126
		<b>58,762</b>	<b>56,327</b>

## 26. Disaggregation Information

The University predominantly operates in the field of higher education in Australia. Its primary activities are teaching and research. Income generated overseas from teaching and research activities is not so significant as to warrant disaggregation information disclosure.

## 27. Auditors' Remuneration

	Consolidated		University	
	2017	2016	2017	2016
	\$000	\$000	\$000	\$000

During the year, the following fees were paid for services provided by the auditors of the University and its Controlled Entities.

### Audit of the Financial Statements

Fees paid to South Australian Auditor-General	299	294	299	294
Other auditors of controlled entities	71	84	-	-
	<b>370</b>	<b>378</b>	<b>299</b>	<b>294</b>

### Other audit and assurance services

Other auditors of controlled entities	8	7	-	-
	<b>378</b>	<b>385</b>	<b>299</b>	<b>294</b>

Amounts paid or payable for other audit and assurance services relate to the provision of accounting services.

## 28. The University Council Members and Senior Management

### (a) Names of the University Council Members and Senior Management

#### University Council Members

Ex officio	Bebbington, Professor Warren	ceased 30/4/2017
	Brooks, Professor Mike	appointed 1/5/2017
	Scarce AC CSC RAN (Rtd), Rear Admiral The Hon Kevin	
	Williams, Professor John	
Appointed	Branson QC, The Hon Catherine	
	Hill, Mr David	
	Liddle, Ms Kerrynne	
	Locher, Ms Christine	
	Presser, Ms Kathryn	
	Siebels, Mr Peter	
Elected Staff	Abell, Professor Andrew	re-elected 6/3/2017
	Campbell, Ms Kerrie	elected 6/3/2017, resigned 4/8/2017
	Coleman, Mr Lachlan	elected 6/3/2017
	Hayford, Ms Julie	retired 2/1/2017
	Matthews, Mr Stuart	ceased 5/3/2017
Elected Graduates	Patrikeeff, Associate Professor Felix	re-elected 6/3/2017, resigned 14/6/2017
	Day, Mr Robin Elliott	
	Storer, Mr Timothy	
Students	Watson AM, Dr Bruce Ian	
	Hopkins, Mr Jarrad	elected 6/3/2017
	Lu, Mr Zhao	ceased 5/3/2017
	Matthews, Mr Richard	elected 6/3/2017
	Morphett, Ms Georgina	elected 6/3/2017
	Nikias, Mr Kyriaco	ceased 5/3/2017
	Wojt, Ms Lucinda	ceased 5/3/2017

#### University Senior Management

Ashman, Professor Peter	ceased 30/7/2017
Beaumont, Dr Nicole	
Bebbington, Professor Warren	ceased 30/4/2017
Brooks, Professor Mike	
Burt, Professor Alastair	
Cromar, Professor Nancy	
Davis, Ms Inga	
Findlay AM, Professor Christopher	
Hill, Professor Robert	ceased 3/9/2017
Levy, Professor Phillipa	
Liebelt, Professor Michael	commenced 4/9/2017
Lindsay, Professor Noel	commenced 1/2/2017
Lines, Mr Bruce	
Middelberg, Professor Anton	commenced 31/7/2017
Mitchell, Mr Tony	
Owens, Professor Julie	
Quester, Professor Pascale	
Shaw, Professor Jennie	
Williams, Professor John	

**2017**      **2016**  
**\$000**      **\$000**

**28. The University Council Members and Senior Management - continued**

**(b) Remuneration of the University Council Members and Senior Management**

University Council Members

Total remuneration paid to members of Council, or members of its standing committees for the financial year in their role as councillor or members of those committees, is shown below in their relevant bands. Some members of Council are employees of the University or were contractors of the University, and as such receive remuneration in the course of their employment with the University.

\$	\$	<u>Number</u>	<u>Number</u>
NIL		24	22
45,000	-	1	1
		<u>25</u>	<u>23</u>

The University paid the travel and accommodation costs of some University Council Members to enable attendance at Council meetings during the year. All costs were incurred on normal commercial terms.

University Senior Management

Short-term employee benefits		5,820	5,388
Other long-term benefits		977	884
Termination benefits		19	101
Total senior management personnel compensation		<u>6,816</u>	<u>6,373</u>

\$	\$	<u>Number</u>	<u>Number</u>
145,000	-	1	-
190,000	-	1	2
205,000	-	1	-
265,000	-	1	-
280,000	-	1	2
295,000	-	-	1
310,000	-	2	2
325,000	-	-	1
340,000	-	1	-
355,000	-	3	3
385,000	-	1	1
400,000	-	2	-
415,000	-	1	-
505,000	-	-	2
520,000	-	1	-
535,000	-	-	1
550,000	-	1	-
715,000	-	1	-
1,075,000	-	-	1
		<u>18</u>	<u>16</u>

The Department of Education and Training Guidelines specify that senior management personnel are persons having authority and responsibility for planning, directing and controlling the activities of the whole University, directly or indirectly, including any director (whether executive or otherwise) of the University.

Remuneration is based upon the total remuneration package which includes employer and employee (pre tax) superannuation contributions and termination payments, due and receivable, by senior managers from the University while holding a University senior management position. Only senior managers with remuneration in excess of one hundred and thirty thousand have been included in salary bands.

**29. Financial Instruments**  
**(a) Interest Rate Risk**

The Consolidated Entity has placed its investments in a portfolio managed by independent investment managers. The fund managers may enter into interest rate swaps, futures contracts, interest rate options and other forms of agreements to manage cash flow risks associated with the interest rates on investments that are floating, or to alter interest rate exposures arising from mismatches in repricing dates between assets and liabilities. The Consolidated Entity has entered into forward start interest rate swaps to manage its interest rate exposures on borrowings for its North Terrace Development Strategy. Further details are contained in Note 9.

	Note	Floating Interest Rate \$000	Fixed Maturity Dates					Non-Interest Bearing \$000	Total \$000
			Less than 1 year	1-2 years	2-3 years	3-4 years	4-5 years		
<b>2017</b>									
<b>Financial Assets</b>									
Cash & Cash Equivalents	6	35,212	-	-	-	-	-	860	36,072
Receivables	7	-	-	-	-	-	-	27,634	27,634
Financial Assets	8	-	-	-	-	-	-	326,141	326,141
Financial Assets Held to Maturity	8	-	-	-	-	-	-	-	10,000
Other Financial Assets	8, 12	-	-	-	-	-	-	1,460	1,491
		<b>35,212</b>	<b>10,031</b>	-	-	-	-	<b>356,095</b>	<b>401,338</b>
<b>Financial Liabilities</b>									
Derivative Financial Instruments	9	-	-	-	-	-	-	12,923	12,923
Payables	16	-	-	-	-	-	-	67,012	67,012
Borrowings	17	-	7,500	7,500	7,500	5,250	49,750	10	82,510
		-	<b>7,500</b>	<b>7,500</b>	<b>7,500</b>	<b>5,250</b>	<b>49,750</b>	<b>79,945</b>	<b>162,445</b>

29. Financial Instruments - continued

	Note	Floating Interest Rate \$000	Fixed Maturity Dates					Non-Interest Bearing \$000	Total \$000
			Less than 1 year \$000	1-2 years \$000	2-3 years \$000	3-4 years \$000	4-5 years \$000		
<b>2016</b>									
<b>Financial Assets</b>									
Cash & Cash Equivalents	6	40,072	-	-	-	-	-	2,074	42,146
Receivables	7	-	-	-	-	-	-	28,924	28,924
Financial Assets	8	-	-	-	-	-	-	291,061	291,061
Financial Assets Held to Maturity	8	-	10,000	-	-	-	-	-	10,000
Other Financial Assets	8, 12	-	92	31	-	-	-	2,002	2,125
		<b>40,072</b>	<b>10,092</b>	<b>31</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>324,061</b>	<b>374,256</b>
<b>Financial Liabilities</b>									
Derivative Financial Instruments	9	-	-	-	-	-	-	13,856	13,856
Payables	16	-	-	-	-	-	-	93,116	93,116
Borrowings	17	-	5,000	5,000	5,000	5,000	42,500	10	67,510
		<b>-</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>5,000</b>	<b>42,500</b>	<b>106,982</b>	<b>174,482</b>



## 29. Financial Instruments - continued

### (b) Foreign Exchange Risk

The Consolidated Entity has placed its investments in a portfolio managed by independent investment managers. The fund managers may enter into forward foreign currency exchange contracts to hedge overseas fixed interest securities and a portion of overseas equities. The terms of the hedge contracts are usually less than three months.

The Consolidated Entity has entered into foreign currency swaps to manage foreign currency exposures on capital expenditure and library subscriptions. Further details are contained in Note 3(l).

### (c) Credit Risk Exposures

Credit risk represents the loss that would be recognised if counterparties fail to perform as contracted.

#### (i) On Statement of Financial Position financial instruments

The credit risk on financial assets recognised in the Statement of Financial Position is the carrying amount of those assets, net of any allowances for losses.

The credit risk relating to receivables is limited as it consists of a large number of customers across different industries and sectors, including a significant amount owing from Government customers with minimal credit risk. The credit risk relating to cash holdings and investments is limited as the counterparties are banks and investment managers with high credit ratings assigned by international credit-rating agencies.

#### (ii) Off Statement of Financial Position financial instruments

The reporting entity and its controlled entities do not possess or trade any off Statement of Financial Position financial instruments.

### (d) Liquidity Risk

Liquidity risk is managed through maintaining a minimum level of readily accessible funds, by continuously monitoring forecast and actual cash flows, in line with the University's Liquidity Risk Management Policy.

### (e) Fair Values of Financial Assets and Financial Liabilities

Fair values of financial assets and financial liabilities are determined by the Consolidated Entity on the following basis:

#### (i) On Statement of Financial Position financial instruments

The Consolidated Entity has placed its investments in a portfolio managed by independent managers. Listed shares and equities included within these investments are traded in an organised financial market by the fund managers. The Consolidated Entity values these investments at current market value.

Monetary financial assets and financial liabilities not readily traded in an organised financial market are determined by valuing them at amounts due from customers (reduced for expected credit losses) or due to suppliers.

Bank term deposits, accounts receivable, accounts payable and bank loans are carried at nominal value which approximates fair value.

The fair value of investments in unlisted shares in other corporations is determined by reference to the underlying net assets of the respective corporations.

#### (ii) Off Statement of Financial Position financial instruments

The reporting entity and its controlled entities do not possess or trade any off Statement of Financial Position financial instruments.

### 30. Fair Value Measurements

#### (a) Fair value measurements

The fair value of financial assets and financial liabilities must be estimated for recognition and measurement or for disclosure purposes.

Due to the short-term nature of the current receivables, their carrying value approximates their fair value and based on credit history it is expected that the receivables that are neither past due nor impaired will be received when due.

The carrying amounts and aggregate fair values of financial assets and liabilities at the end of the reporting period are:

		Carrying Amount		Fair Value	
		2017	2016	2017	2016
		\$000	\$000	\$000	\$000
<b>Financial assets</b>					
Cash and cash equivalents	6	36,072	42,146	36,072	42,146
Receivables	7	27,634	28,924	27,634	28,924
Investments using the equity method	12	1,460	2,002	1,460	2,002
Other financial assets	8	336,172	301,184	336,172	301,184
<b>Total financial assets</b>		<b>401,338</b>	<b>374,256</b>	<b>401,338</b>	<b>374,256</b>
<b>Financial liabilities</b>					
Payables	16	67,012	93,116	67,012	93,116
Borrowings	17	82,510	67,510	82,510	67,510
Derivative Financial Instruments	9	12,923	13,856	12,923	13,856
<b>Total financial liabilities</b>		<b>162,445</b>	<b>174,482</b>	<b>162,445</b>	<b>174,482</b>

The Consolidated Entity measures and recognises the following assets and liabilities at fair value on a recurring basis:

- Financial assets at fair value through profit or loss
- Investments using the equity method
- Derivative financial instruments
- Other financial assets
- Land and buildings
- Library collection
- Works of art
- Borrowings

The Consolidated Entity has also measured assets and liabilities at fair value on a non-recurring basis as a result of the reclassification of assets as held for sale.

#### (b) Fair value hierarchy

The Consolidated Entity categorises assets and liabilities measured at fair value into a hierarchy based on the level of inputs used in measurement.

Level 1 - quoted prices (unadjusted) in active markets for identical assets or liabilities

Level 2 - inputs other than quoted prices 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)

### 30. Fair Value Measurements - 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 2017.

Fair Value measurements at 31 December 2017		2017	Level 1	Level 2	Level 3	
Note		\$'000	\$'000	\$'000	\$'000	
<b>Financial assets</b>						
	Financial assets at fair value through profit or loss	8	326,141	298,290	-	27,851
	Investments using the equity method	12	1,460	-	-	1,460
	Other financial assets	8	10,031	10,000	31	-
	<b>Total recurring financial assets</b>		<b>337,632</b>	<b>308,290</b>	<b>31</b>	<b>29,311</b>
<b>Non-financial assets</b>						
	Library collection	14	11,960	-	-	11,960
	Other land and buildings	14	350,110	-	350,110	-
	Trust land and buildings	14	952,385	-	-	952,385
	Works of art	14	8,521	-	8,521	-
	<b>Total recurring non-financial assets</b>		<b>1,322,976</b>	<b>-</b>	<b>358,631</b>	<b>964,345</b>
<b>Financial liabilities</b>						
	Borrowings	17	82,510	-	82,510	-
	Derivative financial instruments	9	12,923	-	12,923	-
	<b>Total liabilities</b>		<b>95,433</b>	<b>-</b>	<b>95,433</b>	<b>-</b>
<b>Fair Value measurements at 31 December 2016</b>						
<b>Recurring fair value measurements</b>						
Note		2016	Level 1	Level 2	Level 3	
		\$'000	\$'000	\$'000	\$'000	
<b>Financial assets</b>						
	Financial assets at fair value through profit or loss	8	291,061	270,631	-	20,430
	Investments using the equity method	12	2,002	-	-	2,002
	Other financial assets	8	10,123	10,000	123	-
	<b>Total financial assets</b>		<b>303,186</b>	<b>280,631</b>	<b>123</b>	<b>22,432</b>
<b>Non-financial assets</b>						
	Library collection	14	17,089	-	-	17,089
	Other land and buildings	14	127,062	-	127,062	-
	Trust land and buildings	14	953,099	-	-	953,099
	Works of art	14	7,799	-	7,799	-
	<b>Total non-financial assets</b>		<b>1,105,049</b>	<b>-</b>	<b>134,861</b>	<b>970,188</b>
<b>Financial liabilities</b>						
	Borrowings	17	67,510	-	67,510	-
	Derivatives financial instruments	9	13,856	-	13,856	-
	<b>Total financial liabilities</b>		<b>81,366</b>	<b>-</b>	<b>81,366</b>	<b>-</b>

### 30. Fair Value Measurements - continued

There were no transfers between levels 1 and 2 for recurring fair value measurements during the year.

For transfers in and out of level 3 measurements see (d) below.

The Consolidated Entity's policy is to recognise transfers into and transfers out of fair value hierarchy levels as at the end of the reporting period.

#### (ii) Disclosed fair values

The fair value of assets or liabilities traded in active markets (such as publicly traded derivatives, and trading and available-for-sale securities) is based on quoted market prices for identical assets or liabilities at the end of the reporting period (level 1). This is the most representative of fair value in the circumstances.

The fair values of held-to-maturity investments that are disclosed in note 8 were determined by reference to published price quotations in an active market (level 1).

The carrying value less impairment provision of trade receivables is a reasonable approximation of the fair value due to the short-term nature of trade receivables.

The fair value of non-current borrowings disclosed in note 17 is estimated by discounting the future contractual cash flows at the current market interest rates that are available to the group for similar financial instruments. For the period ending 31 December 2017, the borrowing rates were determined to be between 2.5% and 3.5%, depending on the type of borrowing. The fair value of current borrowings approximates the carrying amount, as the impact of discounting is not significant (level 2).

#### (c) Valuation techniques used to derive level 2 and level 3 fair values

##### Recurring fair value measurements

The fair value of financial instruments that are not traded in an active market (for example, over-the-counter derivatives) 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.

If one or more of the significant inputs is not based on observable market data, the instrument is included in level 3. This is the case for unlisted equity securities and investments using the equity method.

The Consolidated Entity uses a variety of methods and makes assumptions that are based on market conditions existing at the end of the reporting period.

Specific valuation techniques used to value financial instruments include:

- The fair value of interest rate swaps is calculated as the present value of the estimated future cash flows based on observable yield curves
- The fair value of forward foreign exchange contracts is determined using forward exchange rates at the end of the reporting period

All of the resulting fair value estimates are included in level 2 except for unlisted equity securities and investments using the equity method explained in (d) below.

### 30. Fair Value Measurements - continued

#### (d) Fair value measurements using significant unobservable inputs (level 3)

The following table is a reconciliation of level 3 items for the period ended 31 December 2017 and 2016:

##### Level 3 Fair Value Measurements 2017

	Trust Land and Buildings \$'000	Investments Using the Equity Method \$'000	Unlisted Equity Securities \$'000	Library Collection \$'000	Total \$'000
<b>Opening balance</b>	<b>956,249</b>	<b>2,002</b>	<b>20,430</b>	<b>17,089</b>	<b>995,770</b>
Acquisitions	16,749	-	-	753	17,502
Disposals	(643)	-	-	(4,173)	(4,816)
Recognised in Net operating result	(19,970)	-	7,421	(1,709)	(14,258)
Recognised in other comprehensive income	-	(542)	-	-	(542)
<b>Closing balance</b>	<b>952,385</b>	<b>1,460</b>	<b>27,851</b>	<b>11,960</b>	<b>993,656</b>

##### Level 3 Fair Value Measurements 2016

<b>Opening balance</b>	<b>915,398</b>	<b>2,121</b>	<b>17,092</b>	<b>18,141</b>	<b>952,752</b>
Acquisitions	18,032	-	-	628	18,660
Disposals	-	-	-	(1,023)	(1,023)
Recognised in Net operating result	(21,785)	-	3,338	(2,194)	(20,641)
Recognised in other comprehensive income	44,604	(119)	-	1,537	46,022
<b>Closing balance</b>	<b>956,249</b>	<b>2,002</b>	<b>20,430</b>	<b>17,089</b>	<b>995,770</b>

#### (i) Transfers between levels 2 and 3 and changes in valuation techniques

There were no transfers between levels 2 and 3 during the year. There were no changes in valuation techniques during the year.



### 30. Fair Value Measurements - 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 Dec 2017 \$'000	Un- observable inputs	Range of inputs (probability weighted average)	Relationship of unobservable inputs to fair value
Investments using the equity method	1,460	Earnings growth factor	2.0% - 3.0% (2.5%)	Increased earnings growth factor of 1% would increase fair value by \$15,000; lower growth factor of 1% would decrease fair value by \$15,000.
Unlisted Equity Securities	27,851	Earnings growth factor	2.0% - 3.0% (2.5%)	Increased earnings growth factor of 1% would increase fair value by \$279,000; lower growth factor of 1% would decrease fair value by \$279,000.
Library Collection	11,960	Price of bound books	4.0% - 5.0% (4.5%)	The higher the price of bound books, the higher the fair value, with a 1% increase increasing the library collection value by \$120,000. A decrease of 1% will decrease the fair value by \$120,000.

#### (iii) Valuation processes

The Finance and Procurement Branch of the Consolidated Entity includes a team that performs the valuations of non-property items required for financial reporting purposes, including level 3 fair values. This team reports directly to the Chief Financial Officer (CFO).

The Consolidated Entity engages external, independent and qualified valuers to determine the fair value of the other land and buildings at least every three years. As at 31 December 2016, the fair values of the land and buildings were determined by AssetVal Pty Ltd.

Trust buildings have been valued using the depreciated replacement cost (DRC) method, where DRC is defined as the current replacement cost of an asset less accumulated depreciation calculated on the basis of the already consumed or expired service potential / estimated remaining useful life of the asset.

Land and other buildings have been valued using the direct comparison approach, which determines the current value of an asset by reference to recent comparable transactions involving the sale of similar assets. Adjustments are subsequently made for specific attributes including, but not limited to, size, topography, zoning and restrictions of use for Trust land to determine the value of the subject property.

### 31. Investments in Controlled Entities

The consolidated financial statements incorporate the assets, liabilities and results of the following controlled entities in accordance with the accounting policy described in Note 3(b).

Controlled Entity	Holding		Investment at Fair Value		Investment at Cost		Contribution to Operating Result	
	2017	2016	2017	2016	2017	2016	2017	2016
	%	%	\$000	\$000	\$000	\$000	\$000	\$000
The Adelaide Research & Innovation Investment Trust	100	100	276	514	-	-	(124)	514
ACN 008 123 466 Pty Ltd	100	100	40	73	50	50	(33)	(46)
Adelaide Unicare Pty Ltd	100	100	11,397	11,922	-	-	(526)	775
Australian Centre for Plant Functional Genomics Pty Ltd	100	45	355	-	-	-	178	-
Martindale Holdings Pty Ltd as trustee for:								
· JS Davies Estate	83	83	-	-	-	-	13	(1)
· Roseworthy Farm	100	100	1,985	1,807	-	-	416	323
National Wine Centre Pty Ltd	100	100	993	766	-	-	189	(333)
Roseworthy Piggery Pty Ltd	100	100	-	317	100	100	(93)	192
The Women's and Children's Health Research Institute	100	100	-	7,503	-	-	(7,503)	202
			<b>15,046</b>	<b>22,902</b>	<b>150</b>	<b>150</b>	<b>(7,483)</b>	<b>1,626</b>

All of the above controlled entities are incorporated in Australia.

Controlled Entity	Principal Activities
The Adelaide Research & Innovation Investment Trust	The University commercial arm that connects the community with a network of University of Adelaide researchers for purpose of research, development and innovation. The connection extends to commercialisation of the research developed.
ACN 008 123 466 Pty Ltd	Non-operating entity previously Repromed Pty Ltd. Shares transferred to the University during 2016 from The Adelaide Research & Innovation Investment Trust.
Adelaide Unicare Pty Ltd	Manages the activities and operations of medical practices to provide placements for the teaching of medical students from the University of Adelaide. The practices provide quality general medical care to students, staff and the public.
Australian Centre for Plant Functional Genomics Pty Ltd	Responsible for the development of world-class capability in plant genomic research and its application for economic and social benefit to Australia. The Australian Centre for Plant Functional Genomics Pty Ltd became a controlled entity of the University effective 15 May 2017.
Martindale Holdings Pty Ltd as trustee for:	Trustee Company for the following:
· JS Davies Estate	Established to operate farming properties that were bequeathed to the University of Adelaide and Prince Alfred College. This venture is no longer operating.
· Roseworthy Farm	Manages the broadacre farm operations at the University Roseworthy Campus.
National Wine Centre Pty Ltd	Operates the National Wine Centre complex undertaking banquets, events, conference space & wine tourism, and other catering operations as directed by the University of Adelaide.
Roseworthy Piggery Pty Ltd	Established to manage the piggery located on the Roseworthy Campus. The Piggery provides a source of pigs for research and supports the Veterinary School teaching. Effective 25 October 2017, the net assets and operations of the Roseworthy Piggery Pty Ltd were transferred to the University of Adelaide.
The Women's and Children's Health Research Institute	Medical research institute investing in research towards improving the health of women and children, focussed on maternal and child nutrition, diseases of the blood and immune system and the development and repair of the digestive system, skull and skin. Effective 15 December 2017, the investment assets of The Women's and Children's Health Research Institute were donated to the University.

## 32. Investments in Associates

### (a) Equity and Contribution to Operating Result

Associate	Principal Activity	Holding		Consolidated Carrying Amount		Investment at Cost	
		2017 %	2016 %	2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>Held by the University</b>							
Australian Centre for Plant Functional Genomics Pty Ltd	Responsible for the development of world-class capability in plant genomic research and its application for economic and social benefit to Australia.	100	45	-	231	-	-
SNAP Network Surveillance Pty Ltd	Production of software to simplify operation of large-scale video surveillance.	9	32	-	-	-	-
				-	<b>231</b>	-	-

The University has a 25% interest in an incorporated associate, SABRENet Ltd, which has been established to further the use of advanced data networking, for the conduct of research and education in South Australia. SABRENet Ltd is not accounted for using the equity method as the University does not have access to the residual assets of the entity.

The University has a 33% interest in an incorporated associate, eResearch SA Ltd, which has been established to support the development, implementation and use of eResearch methodologies and activities in South Australia, and to provide access to eResearch facilities and practical support for researchers from all disciplines. eResearch SA Ltd is not accounted for using the equity method as the University does not have access to the residual assets of the entity.

The Australian Centre for Plant Functional Genomics Pty Ltd has a 31 December reporting period. SNAP Network Surveillance Pty Ltd has a 30 June reporting period.

The Australian Centre for Plant Functional Genomics Pty Ltd became a controlled entity of the University effective 15 May 2017 (refer Note 31). The University interest in SNAP Network Surveillance Pty Ltd reduced to 9% during 2017 and as a result the University ceased to have significant influence and the entity has not been accounted for using the equity method.

	Consolidated		University	
	2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>(b) Movements in Carrying Amounts of Investments in Associates</b>				
At beginning of financial year	231	452	-	-
Share of operating result	(231)	(221)	-	-
	-	<b>231</b>	-	-
<b>(c) Results Attributed to Associates</b>				
Operating result	(231)	(221)	-	-
Retained surplus attributable to associates at the beginning of the financial year	231	452	-	-
Retained surplus attributable to associates at the end of the financial year	-	<b>231</b>	-	-

### (d) Accounting for Associates

#### (i) Capital and other expenditure commitments

There are no material capital and other expenditure commitments relating to associates.

#### (ii) Contingent liabilities

There are no material contingent liabilities relating to associates.

#### (iii) Post balance date events

There are no material post balance date events to report for associates.

#### (iv) Assets, liabilities, revenue and expenditure

Since the above activities do not materially affect the Consolidated Entity figures, assets, liabilities, revenue and expenditure have been reported as net amounts.

#### (v) Off Statement of Financial Position financial instruments

Neither the Consolidated Entity, nor any of its associates, have any off Statement of Financial Position financial instruments.

### 33. Interests in Cooperative Research Centres (CRCs)

A CRC is a research initiative of the Australian Government established to pursue specific areas of research. One of the desired outcomes of a CRC is the creation of specific intellectual property with commercial value. The participants in CRCs are an amalgam of research institutions, eg CSIRO, government agencies, universities and private enterprise. The funding of the CRC is co-ordinated through either a Company formed by the core participants or by a Centre Agent who is appointed generally from one of the participating entities.

Funding transfers between the CRC and the University are accounted for as general revenue and expenditure.

		Participation	
Energy Pipelines CRC	(I)	-	15%
Deep Exploration Technologies CRC	(I)	(C)	5%
CRC for High Integrity Australian Pork	(I)	-	11%
Plant Biosecurity CRC	(I)	(C)	1%
Invasive Animals CRC	(U)	(C)	1%
Bushfire and Natural Hazards CRC	(I)	-	1%
Data to Decisions CRC	(I)	-	11%
Innovative Manufacturing CRC (IMCRC)	(I)	-	5%
CRC for Honey Bee Products	(I)	-	4%

(I) Incorporated

(U) Unincorporated

(C) CSIRO is a partner

The University was a supporting participant for the Poultry CRC, the CRC for Water Sensitive Cities and CRC for Sheep Industry Innovation.

The University over the next five years will make both cash and in-kind contributions to support the work of the CRCs. The University has committed to participate in the work of these CRCs, with contributions in constant dollars, \$1.7 million in cash (2016: \$1.4 million) and \$11.4 million in-kind (2016: \$15.4 million).

### 34. Interests in Joint Ventures

#### (a) Joint Ventures Accounted for Using the Equity Method

Name	Principal Activity	Participation	
Ngee Ann Adelaide Education Centre Pte Ltd	Operates a graduate education centre in Singapore	(I)	50%
Middleback Field Centre	To provide pastoral-zone courses and range land ecology research programmes.	(U)	33%
Professional Certificate in Arbitration	To develop and deliver tertiary courses in arbitration.	(U)	50%
South Australian Tertiary Admissions Centre Limited	Established as the agent for tertiary institutions in Adelaide for the purpose of receiving and processing applications from intending students.	(U)	20%
Adelaide Proteomics Centre (APC)	Provision of cost effective and high quality proteomic analysis to researchers conducting basic and applied research.	(U)	50%
Mining Education Australia	Provision of a collaborative national mining education program for the benefit of mining engineering students.	(U)	25%

(I) Incorporated

(U) Unincorporated

All joint ventures have a 31 December reporting period.

The unincorporated South Australian Tertiary Admissions Centre was wound up as at 30 June 2017 and all assets transferred to South Australian Tertiary Admissions Centre Limited on 1 July 2017. The University of Adelaide's interest in the joint venture has reduced from 25% to 20% due to the introduction of an additional joint venture party.





### 35. Related Parties

**(a) Parent entity**

The ultimate parent entity within the group is the University of Adelaide.

**(b) Controlled entities, joint arrangements and associates**

Investments in controlled entities are detailed in Note 31, investments in associates are detailed in Note 32 and interests in joint arrangements are detailed in Note 34.

**(c) Council members and senior management**

Disclosures relating to the University Council Members and Senior Management are detailed in Note 28.

**(d) Councillor and senior management related transactions**

Certain councillors and senior management are members of incorporated and unincorporated associations that are an integral part of the University. Transactions between these bodies, the University council members and senior management, in respect of services provided to council members and senior management, are trivial in nature.

Certain council members and senior management hold positions and interests in entities that provide goods and services to the University and its subsidiaries. The provision of these goods and services is on normal trading terms.

A review of identified related party transactions found that they were immaterial within the context of the University of Adelaide's financial statements. Further, all identified related party transactions occurred on terms and conditions similar to those applying to third party entities, and also occurred during the course of the University delivering on its objectives.

**(e) Loans to/from related parties**

No provisions for doubtful debts have been raised in relation to any outstanding balances, and no expense has been recognised in respect of bad or doubtful debts due from related parties.

**(f) Students at The University of Adelaide**

From time to time, Council members will have members of their immediate family who are students at the University. Unless specifically stated within the financial statements, such students are subject to the same fee structure and scholarships as any other students. This also applies to members of Council who are enrolled as students.

The following information being Note 36 to Note 41 has been prepared in accordance with the Department of Education reporting guidelines.

36. Income Statement for the Year Ended 31 December 2017

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>REVENUE FROM CONTINUING OPERATIONS</b>					
Australian Government financial assistance	37(f)	494,362	505,776	494,382	505,776
State and Local Government financial assistance	39	21,825	24,574	21,354	24,096
HECS-HELP - Student Payments	4	10,428	12,587	10,428	12,587
Fees and charges	40	246,561	226,582	246,269	226,450
Investment income		39,535	24,958	39,095	24,269
Royalties, trademarks and licenses	4	7,856	3,874	9,397	1,290
Consultancy and contracts	41	65,558	83,547	59,378	58,983
Net gain on disposal of assets	4	-	1,295	-	1,336
Other revenue		60,761	64,095	48,907	39,743
<b>Total revenue from continuing operations</b>		<b>946,886</b>	<b>947,288</b>	<b>929,210</b>	<b>894,530</b>
<b>EXPENSES FROM CONTINUING OPERATIONS</b>					
Salaries and related expenses	5	508,719	497,611	499,006	486,152
Depreciation and amortisation	5	56,138	49,825	55,567	49,294
Buildings and grounds	5	59,052	62,802	58,262	61,930
Bad and doubtful debts	5	344	621	320	621
Finance costs	5	5,186	5,896	5,201	5,224
Scholarships, grants and prizes		40,414	41,152	40,414	41,152
Non-capitalised equipment	5	10,694	9,736	10,694	9,736
Advertising, marketing and promotional expenses		5,518	5,128	5,355	4,890
Net losses on disposal of assets	5	6,293	-	6,293	-
Other expenses		199,020	213,609	183,268	175,294
<b>Total expenses from continuing operations</b>		<b>891,378</b>	<b>886,380</b>	<b>864,380</b>	<b>834,293</b>
<b>Net operating result for the year</b>		<b>55,508</b>	<b>60,908</b>	<b>64,830</b>	<b>60,237</b>

	Note	Consolidated		University	
		2017	2016	2017	2016
		\$000	\$000	\$000	\$000
<b>37. Australian Government Financial Assistance</b>					
<b>(a) Education - Commonwealth Grants Scheme and Other Education Grants</b>					
	38(a)				
Commonwealth Grants Scheme		166,102	175,544	166,102	175,544
Teaching Hospitals Grant		1,074	1,165	1,074	1,165
Indigenous Student Success Program		-	1,264	-	1,264
Higher Education Participation Program		2,587	3,227	2,587	3,227
Disability Support Program		50	39	50	39
Promotion of Excellence in Learning & Teaching Program		20	589	20	589
		<b>169,833</b>	<b>181,828</b>	<b>169,833</b>	<b>181,828</b>
<b>(b) Higher Education Loan Programmes</b>					
	38(b)				
HECS-HELP		103,886	103,801	103,886	103,801
FEE-HELP		10,692	11,700	10,692	11,700
SA-HELP		3,173	3,217	3,173	3,217
		<b>117,751</b>	<b>118,718</b>	<b>117,751</b>	<b>118,718</b>
<b>(c) Department of Education and Training Research</b>					
	38(c)				
Research Training Programs		46,557	45,588	46,557	45,588
Research Support Program		42,608	41,709	42,608	41,709
		<b>89,165</b>	<b>87,297</b>	<b>89,165</b>	<b>87,297</b>
<b>(d) Other Capital Funding</b>					
	38(d)				
Linkage Infrastructure, Equipment and Facilities grant		1,830	1,290	1,830	1,290
		<b>1,830</b>	<b>1,290</b>	<b>1,830</b>	<b>1,290</b>
<b>(e) Australian Research Council</b>					
<b>(i) Discovery</b>					
	38(e)				
Projects		9,116	9,304	9,116	9,304
Fellowships		10,069	10,443	10,069	10,443
Indigenous Researchers Development		219	233	219	233
		<b>19,404</b>	<b>19,980</b>	<b>19,404</b>	<b>19,980</b>
<b>(ii) Linkages</b>					
	38(e)				
Projects		2,790	3,357	2,790	3,357
Industrial Transformation Research Program		2,946	2,236	2,946	2,236
		<b>5,736</b>	<b>5,593</b>	<b>5,736</b>	<b>5,593</b>
<b>(iii) Networks and Centres</b>					
	38(e)				
Centres		6,818	6,717	6,818	6,717
		<b>6,818</b>	<b>6,717</b>	<b>6,818</b>	<b>6,717</b>
<b>Total ARC</b>		<b>31,958</b>	<b>32,290</b>	<b>31,958</b>	<b>32,290</b>

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>37. Australian Government Financial Assistance - continued</b>					
<b>(f) Other Australian Government financial assistance received:</b>					
<b>Non-Capital</b>					
Attorney General's Department		495	715	495	715
Australian Centre for International Agricultural Research		3,279	4,124	3,279	4,124
Australian Renewable Energy Agency		769	1,425	769	1,425
CSIRO		718	773	718	773
Defence, Science and Technology Organisation		4,236	5,154	4,236	5,154
Department of Agriculture and Water Resources		5,314	3,858	5,314	3,858
Department of Communications and Arts		277	10	277	10
Department of Defence		719	472	719	472
Department of Education and Training		9,725	10,426	9,725	10,426
Department of the Environment and Energy		566	566	247	566
Department of Foreign Affairs and Trade		4,017	614	4,017	614
Department of Health		12,104	10,932	12,104	10,932
Department of the Prime Minister and Cabinet		1,293	280	1,293	280
Department of Industry, Innovation and Science		1,582	582	1,582	582
Department of Veterans' Affairs		686	509	686	509
Grains Research & Development Corporation		10,384	11,804	10,384	11,804
National Health & Medical Research Council		27,939	31,729	27,939	31,729
Other		61	380	61	380
		<b>84,164</b>	<b>84,353</b>	<b>83,845</b>	<b>84,353</b>
<b>Reconciliation</b>					
Australian Government grants		376,631	387,058	376,631	387,058
Higher Education Loan Programmes		117,751	118,718	117,751	118,718
		<b>494,382</b>	<b>505,776</b>	<b>494,382</b>	<b>505,776</b>
<b>(g) Australian Government grants received - cash basis</b>					
CGS and Other Education Grants	38(a)	169,487	182,876	169,487	182,876
Higher Education Loan Programmes	38(b)	114,630	119,533	114,630	119,533
Department of Education and Training Research	38(c)	89,165	87,297	89,165	87,297
Other Capital Funding	38(d)	1,830	1,290	1,830	1,290
ARC Grants - Discovery	38(e)	19,404	19,980	19,404	19,980
ARC Grants - Linkages	38(e)	5,736	5,593	5,736	5,593
ARC Grants - Networks and Centres	38(e)	6,818	6,717	6,818	6,717
Other Australian Government Grants		85,974	81,115	85,974	81,115
		<b>493,044</b>	<b>504,401</b>	<b>493,044</b>	<b>504,401</b>
OS-Help (Net)	38(f)	(2,010)	470	(2,010)	470
Higher Education Superannuation	38(f)	3,872	3,992	3,872	3,992
		<b>494,906</b>	<b>508,863</b>	<b>494,906</b>	<b>508,863</b>

38. Acquittal of Australian Government Financial Assistance

(a) Education - Commonwealth Grants Scheme and Other Education Grants Parent Entity (University) Only

	Notes	Commonwealth Grants Scheme		Teaching Hospitals Grant		Indigenous Student Success Program		Higher Education Participation Program		Disability Support Program	
		2017	2016	2017	2016	2017	2016	2017	2016	2017	2016
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
Financial assistance received in cash during the reporting period		165,756	176,592	1,074	1,165	-	1,264	2,587	3,227	50	39
Net accrual adjustments		346	(1,048)	-	-	-	-	-	-	-	-
Revenue for the period	37(a)	166,102	175,544	1,074	1,165	-	1,264	2,587	3,227	50	39
Surplus/(Deficit) from the previous year		-	-	-	-	446	431	1,818	1,710	-	49
Total revenue including accrued revenue		166,102	175,544	1,074	1,165	446	1,695	4,405	4,937	50	88
Less expenses including accrued expenses		166,102	175,544	1,074	1,165	365	1,249	4,405	3,119	44	88
Surplus/(Deficit) for the reporting period		-	-	-	-	81	446	-	1,818	6	-



38. Acquittal of Australian Government Financial Assistance - continued

(a) Education - Commonwealth Grants Scheme and Other Education Grants Parent Entity (University) Only

	Notes	Promotion of Excellence in Learning & Teaching Program				Reward Funding Program				Total			
		2017		2016		2017		2016		2017		2016	
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
Financial assistance received in cash during the reporting period	37(g)	20	589	-	-	-	-	-	-	169,487	182,876		
Net accrual adjustments		-	-	-	-	-	-	-	-	346	(1,048)		
Revenue for the period	37(a)	20	589	-	-	-	-	-	-	169,833	181,828		
Surplus/(Deficit) from the previous year		602	173	463	463	463	463	463	463	3,329	2,826		
Total revenue including accrued revenue		622	762	463	463	463	463	463	463	173,162	184,654		
Less expenses including accrued expenses		73	160	-	-	-	-	-	-	172,063	181,325		
Surplus/(Deficit) for the reporting period		549	602	463	463	463	463	463	463	1,099	3,329		

38. Acquittal of Australian Government Financial Assistance - continued

Parent Entity (University) Only

(b) Higher Education Loan Programmes

	Notes	HECS-HELP		FEE-HELP		SA-HELP		Total	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000	2017 \$000	2016 \$000	2017 \$000	2016 \$000
Cash Payable/(Receivable) at beginning of year		1,414	1,097	(58)	(14)	(3)	(545)	1,353	538
Financial assistance received in cash during the reporting period	37(g)	100,667	104,118	10,784	11,656	3,179	3,759	114,630	119,533
Cash available for period		102,081	105,215	10,726	11,642	3,176	3,214	115,983	120,071
Revenue earned	37(b)	103,886	103,801	10,692	11,700	3,173	3,217	117,751	118,718
Cash Payable/(Receivable) at end of year		(1,805)	1,414	34	(58)	3	(3)	(1,768)	1,353

38. Acquittal of Australian Government Financial Assistance - continued

(c) Department of Education and Training Research

Parent Entity (University) Only

	Notes	Research Training Program		Research Support Program		Total	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000	2017 \$000	2016 \$000
Financial assistance received in cash during the reporting period	37(g)	46,557	45,588	42,608	41,709	89,165	87,297
Net accrual adjustments		-	-	-	-	-	-
Revenue for the period	37(c)	46,557	45,588	42,608	41,709	89,165	87,297
Surplus/(Deficit) from the previous year		867	390	596	349	1,463	739
Total revenue including accrued revenue		47,424	45,978	43,204	42,058	90,628	88,036
Less expenses including accrued expenses		47,424	45,111	43,204	41,462	90,628	86,573
Surplus/(Deficit) for the reporting period		-	867	-	596	-	1,463

Total Higher Education Provider Research Training Program expenditure

	Total domestic students \$000	Total overseas students \$000	Total students \$000
Research Training Program Fees offsets	33,682	1,320	35,002
Research Training Program Fees Stipends	12,090	258	12,348
Research Training Program Fees Allowances	72	2	74
Total for all types of support	45,844	1,580	47,424

38. Acquittal of Australian Government Financial Assistance - continued

(d) Other Capital Funding

Parent Entity (University) Only

	Notes	Teaching and Learning Capital Fund		Total	
		2017	2016	2017	2016
		\$000	\$000	\$000	\$000
Financial assistance received in cash during the reporting period	37(g)	1,830	1,290	1,830	1,290
Net accrual adjustments		-	-	-	-
Revenue for the period	37(d)	1,830	1,290	1,830	1,290
Surplus/(Deficit) from the previous year		428	358	428	358
Total revenue including accrued revenue		2,258	1,648	2,258	1,648
Less expenses including accrued expenses		1,259	1,220	1,259	1,220
Surplus/(Deficit) for the reporting period		999	428	999	428

38. Acquittal of Australian Government Financial Assistance - continued

(e) Australian Research Council Grants - Discovery

Parent Entity (University) Only

	Notes	Projects		Fellowships		Indigenous Researchers Development			Total		
		2017	2016	2017	2016	2017	2016	2017	2016	2017	2016
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
Financial assistance received in cash during the reporting period	37(g)	9,116	9,304	10,069	10,443			219	233	19,404	19,980
Net accrual adjustments		-	-	-	-			-	-	-	-
Revenue for the period	37(e)	9,116	9,304	10,069	10,443	219	233	219	233	19,404	19,980
Surplus/(Deficit) from the previous year		8,028	8,296	8,499	8,460	95	-			16,622	16,756
Total revenue including accrued revenue		17,144	17,600	18,568	18,903	314	233	314	233	36,026	36,736
Less expenses including accrued expenses		9,300	9,572	9,414	10,404	148	138	148	138	18,862	20,114
Surplus/(Deficit) for the reporting period		7,844	8,028	9,154	8,499	166	95	166	95	17,164	16,622



38. Acquittal of Australian Government Financial Assistance - continued

(e) Australian Research Council Grants - Linkages Parent Entity (University) Only

	Projects		Industrial Research Program		Total	
	2017 \$000	2016 \$000	2017 \$000	2016 \$000	2017 \$000	2016 \$000
Financial assistance received in cash during the reporting period	2,790	3,357	2,946	2,236	5,736	5,593
Net accrual adjustments	-	-	-	-	-	-
Revenue for the period	2,790	3,357	2,946	2,236	5,736	5,593
Surplus/(Deficit) from the previous year	2,844	3,011	3,543	3,539	6,387	6,550
Total revenue including accrued revenue	5,634	6,368	6,489	5,775	12,123	12,143
Less expenses including accrued expenses	3,769	3,524	2,750	2,232	6,519	5,756
Surplus/(Deficit) for the reporting period	1,865	2,844	3,739	3,543	5,604	6,387

38. Acquittal of Australian Government Financial Assistance - continued

(e) Australian Research Council Grants - Networks and Centres

Parent Entity (University) Only

	Notes	Centres		Total	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
Financial assistance received in cash during the reporting period	37(g)	6,818	6,717	6,818	6,717
Net accrual adjustments		-	-	-	-
Revenue for the period	37(e)	6,818	6,717	6,818	6,717
Surplus/(Deficit) from the previous year		1,214	1,559	1,214	1,559
Total revenue including accrued revenue		8,032	8,276	8,032	8,276
Less expenses including accrued expenses		7,775	7,062	7,775	7,062
Surplus/(Deficit) for the reporting period		257	1,214	257	1,214

38. Acquittal of Australian Government Financial Assistance - continued

(f) Other Australian Government Financial Assistance

Parent Entity (University) Only

<b>OS HELP</b>			
	<b>Notes</b>	<b>2017 \$000</b>	<b>2016 \$000</b>
Cash received during the reporting period		4,562	6,597
Cash spent during the reporting period		6,572	6,127
Net Cash received	37(g)	(2,010)	470
Surplus/(Deficit) from the previous year		1,775	1,305
Surplus/(Deficit) for the reporting period		(235)	1,775

<b>Higher Education Superannuation</b>			
	<b>Notes</b>	<b>2017 \$000</b>	<b>2016 \$000</b>
Cash received during the reporting period		3,872	3,992
University contribution in respect of current employees		-	-
Cash available	37(g)	3,872	3,992
Surplus/(Deficit) from the previous year		624	351
Cash available for current period		4,496	4,343
Contributions to specified defined benefit funds		4,235	3,719
Surplus/(Deficit) for the reporting period		261	624

<b>Student Services and Amenities Fee</b>			
	<b>Notes</b>	<b>2017 \$000</b>	<b>2016 \$000</b>
Unspent/(overspent) revenue from previous period		4,984	3,791
SA-HELP Revenue earned	37(b)	3,173	3,217
Student Services Fees direct from Students	40	3,233	3,059
Total revenue expendable in period		11,390	10,067
Student Services expenses during period		4,882	5,083
Unspent/(overspent) Student Services Revenue		6,508	4,984

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>39. State and Local Government Financial Assistance</b>					
<b>(a) South Australian Government and Local Government financial assistance</b>					
Attorney-General's Department		242	-	242	-
Central Adelaide Local Health Network		6,753	7,573	6,753	7,573
Department of Treasury and Finance		159	266	159	266
Department of Health and Ageing		2,909	3,610	2,909	3,610
Department for Environment, Water and Natural Resources		1,840	1,770	1,840	1,770
Department for Planning, Transport and Infrastructure		1,257	778	1,257	778
Department of Primary Industries and Regions		1,303	1,393	1,303	1,393
Department of State Development		2,980	3,424	2,980	3,424
Department of the Premier and Cabinet		782	988	782	988
Forensic Science SA		-	242	-	242
Motor Accident Commission		755	746	755	746
Northern Adelaide Local Health Network		815	1,065	815	1,065
SafeWork SA		188	238	188	238
Southern Yorke Peninsula Health Service		471	478	-	-
Other		529	607	529	607
<b>Total South Australian Government and Local Government financial assistance</b>		<b>20,983</b>	<b>23,178</b>	<b>20,512</b>	<b>22,700</b>
<b>(b) Other State Government and Local Government financial assistance</b>					
		842	1,396	842	1,396
<b>Total State and Local Government financial assistance</b>		<b>21,825</b>	<b>24,574</b>	<b>21,354</b>	<b>24,096</b>

	Note	Consolidated		University	
		2017 \$000	2016 \$000	2017 \$000	2016 \$000
<b>40. Fees and Charges</b>					
<b>Course fees and charges</b>					
Student fee income	4	220,295	198,448	220,295	198,448
<b>Non-course fees and charges</b>					
Student services and amenities fees	4	3,233	3,059	3,233	3,059
Library charges and fines	4	469	293	469	293
Application management and late fees	4	2,758	1,813	2,758	1,813
Parking fees	4	2,112	2,175	2,112	2,175
Rental charges/accommodation fees	4	10,354	11,641	10,062	11,509
Recharge of costs to other organisations	4	1,364	319	1,364	319
Franchise fees	4	2,151	2,945	2,151	2,945
Other		3,825	5,889	3,825	5,889
		<b>246,561</b>	<b>226,582</b>	<b>246,269</b>	<b>226,450</b>
<b>41. Consultancy and Contract Revenue</b>					
Consultancy	4	8,411	9,692	8,407	7,283
Contract research		57,147	73,855	50,971	51,700
		<b>65,558</b>	<b>83,547</b>	<b>59,378</b>	<b>58,983</b>





## FOR FURTHER ENQUIRIES

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